2025 Annual Water Quality Report

Cedar Rapids Linn County Solid Waste Agency Site 2
Marion, Iowa

January 2026

IDNR Permit No. 57-SDP-01-72P
Project I.D.: 25C051.00

Solving our clients' toughest science and engineering challenges.

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January 27, 2026

Brian Rath, P.E.
Iowa Department of Natural Resources
6200 Park Avenue, Suite 200
Des Moines, IA 50321

Re: 2025 Annual Water Quality Report
Cedar Rapids Linn County Solid Waste Agency Site 2
1954 County Home Road, Marion, IA 52302
Permit No. 57-SDP-01-72P

Dear Brian Rath:

On behalf of the Cedar Rapids Linn County Solid Waste Agency (Agency), 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. 57-SDP-01-72P. 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 (LCSPER), and Methane Monitoring Report (MMR) have been incorporated directly into the AWQR as Tables 4, 5, 18, and 19.

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

Gina Wilming
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2025 Annual Water Quality Report

Distribution

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1	Field Office #1 Iowa Department of Natural Resources 909 West Main, Suite 4 Manchester, IA 52057

2025 Annual Water Quality Report
Cedar Rapids Linn County Solid Waste Agency Site 2

Project ID: 25C051.00

Prepared for

Cedar Rapids Linn County Solid Waste Agency

1954 County Home Road
Marion, IA 52302

Prepared by

Foth Infrastructure & Environment, LLC

January 2026

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2025 Annual Water Quality Report

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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.

1/27/2026

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
Agency	Cedar Rapids Linn County Solid Waste Agency
AWQR	Annual Water Quality Report
Foth	Foth Infrastructure & Environment, LLC
GWPS	groundwater protection standard
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
mg/L	milligrams per liter
MMR	Methane Monitoring Report
MNA	monitored natural attenuation
SSI	statistically significant increase (over background)
SSL	statistically significant level (over GWPS)
TSS	total suspended solids

1. Executive Summary

Foth Infrastructure & Environment, LLC (Foth) was retained by the Cedar Rapids Linn County Solid Waste Agency (Agency) to provide an annual report summarizing the groundwater quality and hydrogeologic monitoring activities at Site 2 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, 18, and 19.

1.1 Period of Report Coverage

This AWQR presents an evaluation of the groundwater, methane monitoring, and leachate collection system monitoring, maintenance, and performance activities conducted at Site 2 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.

1.3 Site Status and Applicable Rules

The landfill was originally permitted in 1972 as the Linn County Landfill. The facility became "Site 2" when the City of Cedar Rapids and Linn County formed a Solid Waste Agency via a 28E agreement. Site 2 provides routine solid waste disposal services for commercial, industrial, and residential generators in Linn County, Iowa. The facility also serves as a regional collection center for eligible household hazardous materials from residents and conditionally exempt small quantity generators in Linn, Benton, Iowa, Jones, and Tama Counties.

The facility property consists of approximately 360 acres of land. The original 30-acre, unlined, disposal unit on the north side of the property is closed, with all other constructed portions of the landfill remaining open for future waste-filling operations. The following summarizes the historical expansion activities on the facility property:

- 2001: constructed lined 13-Acre Cell immediately south of the closed 30-Acre Cell;
- 2008: constructed lined 13-acre Phase 1, southeast of the 13-Acre Cell;
- 2010: constructed lined 9-acre Phase 2, west of the Phase 1;
- 2013: constructed lined 8-acre Phase 3 and 7-acre Phase 4, south of Phase 1; and
- 2021: partial final closure of the lined 13-Acre Cell; constructed lined 10-acre Phase 5A, south of Phases 3 and 4.

Current active landfilling operations are conducted on a portion of the 13-Acre Cell and in Phases 1-5A. The landfill operates under Sanitary Disposal Project Permit No. 57-SDP-01-72P renewed by the IDNR on March 10, 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 Permit Special Provision X.4 and 567 IAC 113.10. Details regarding the statistical methods utilized are included with the Fall 2024 statistical report 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 Permit 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.3 and X.5 and 567 IAC 113.7(5)b.

2. Site Background

The Site 2 property is located northeast of the City of Marion, Iowa at 1954 County Home Road. The facility is situated in Sections 16 and 17, Township 84 North, Range 6 West, in Linn County, Iowa. The property is bounded to the north by County Home Road, on the east by Highway 13, by Echo Hill Road on the south, and by Indian Creek and agricultural land on the west.

The surrounding land use is agricultural, except for the Linn County secondary roads maintenance facility adjacent to the northeast corner of the landfill property. In May 2019, Prospect Meadows Sports Complex opened to the east of the landfill site. A site map depicting the characteristics of the landfill and the surrounding vicinity is provided in Figure 1.

Descriptions of the site's geologic and hydrogeologic setting, referenced herein, were obtained from the 2004 *Hydrogeologic Investigation and Hydrologic Monitoring System Planning Report* (HRG, 2004). Site 2's hydrogeologic units include a local uppermost water table aquifer, a regional Devonian-Silurian bedrock aquifer, and an intervening low permeability aquitard (confining unit). The water table and bedrock aquifers were found to be hydrologically separate units. The shallow water table aquifer was observed to generally flow horizontally from east to west towards Indian Creek. The shallow deposits include erosion surface sediments, weathered glacial till, and alluvium. The shallow aquifer is not used as a source of groundwater supply. The uppermost bedrock is dolomitic limestone with shale inter-beds interpreted as the lower Devonian Otis and Bertram Formations.

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* (HDR, 2021). 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, the overall data assessments indicated that method criteria, precision, accuracy, representativeness, comparability, completeness, and suitability for intended use were acceptable. Resampling was not considered based on the data quality review for the February 2025 retest event. As further discussed below, resampling was considered based on the data quality reviews for the March and August 2025 sampling events.

In March 2025, 2,4-D and 2,4,5-TP (Silvex) were not reported for MW-9AR. Due to a shipping delay, the herbicide sample for MW-9AR was received outside of the holding time. The laboratory was instructed not to proceed with the analysis due to the holding time exceedance. Resampling was not recommended since MW-9AR is a background well. MW-303 and FB-1 were extracted slightly outside the 7-day holding time (i.e., less than 6 hours) but were analyzed within the 40-day holding time from extraction. Given the short duration by which the extraction holding time was exceeded, professional judgment was utilized not to qualify the results for MW-303 and FB-1. Resampling was not recommended for MW-303 since the extraction holding time exceedance was less than 6 hours and 2,4-D has only been detected once at MW-303. 2,4-D was sampled at MW-303 as a detected Appendix II constituent in Fall 2025. Since FB-1 was a quality control sample, resampling was not applicable.

In August 2025, the herbicide sample for MW-22 was re-prepared outside of the preparation holding time due to the original analysis missing surrogate and spike peaks. Professional judgment was utilized to qualify the results for MW-22. Resampling was not recommended since 2,4,5-TP has only been detected once, during the September 2009 event.

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

Low-flow and grab sampling techniques were continued in 2025. Monitoring wells were sampled using low-flow sampling techniques. This sampling methodology is consistent with minimizing turbidity and total suspended solids (TSS) in the groundwater samples. Underdrain samples GU-1, GU-O, and GU-P were collected using the respective existing dedicated lift station's pump discharge riser. The underdrain sample from GU-L was collected as a grab sample using a disposable polyethylene bailer.

No background data set adjustments were recommended based on review of the March and August 2025 TSS results at MW-9AR and MW-201B. The March 2025 TSS concentration at MW-201B was below the 5 milligrams per liter (mg/L) limit for acceptable sample quality. While above the 5 mg/L limit, the March 2025 TSS concentration of 19.5 mg/L at MW-9AR and the August 2025 TSS concentrations of 22.5 mg/L at MW-9AR and 16.4 mg/L at MW-201B did not significantly exceed the limit for acceptable sample quality, and marginal to no correlation with TSS was evident with the detected metals at these locations.

As discussed in Table 7, MW-201B was redeveloped in February 2025, and allowed to stabilize and re-equilibrate for approximately 30 days before the Spring 2025 sampling event. Well development field notes indicated notable TSS removal during surging and development of MW-201B. Post-development, the TSS concentration at MW-201B reduced to 3.5 mg/L in March 2025. Since redevelopment successfully reduced the TSS concentration at MW-201B, historical metal detections were reviewed for potential impact due to elevated TSS. For most of the detected metals at MW-201B, some correlation was evident when TSS concentrations were greater than 100 mg/L (i.e., in October 2021, October 2022, and April 2023), indicating TSS concentrations likely impacted the metals results during these events. Therefore, the October 2021, October 2022, and April 2023 metals concentrations in MW-201B were removed from background.

Permit Special Provision X.4.g requires an evaluation of TSS/turbidity data to determine if representative samples of groundwater have been collected. Several downgradient and delineation monitoring wells still have TSS concentrations greater than the 5 mg/L level for satisfactory sample quality. Low-flow sampling methods have been utilized at Site 2 since April 2015, and this methodology change has improved TSS in the background and downgradient samples. No additional actions or data removal are recommended for the downgradient and delineation monitoring wells at this time.

4. Conclusions and Recommendations

4.1 2025 Data Evaluation Summary

4.1.1 Groundwater

Based on the 2025 data, groundwater quality generally indicates stable or declining plumes. No new monitoring locations triggered corrective action.

Detection Monitoring (See Table 8)

No statistically significant increases (SSIs) over background were identified at GU-1, GU-L, GU-O, GU-P, and MW-501.

Assessment Monitoring (See Table 9)

No statistically significant levels (SSLs) over the groundwater protection standard (GWPS) were identified for the assessment monitoring locations and for the assessment constituents in the corrective action monitoring locations. In addition, no SSIs over background were identified for benzene and cobalt in the delineation monitoring locations.

Corrective Action Monitoring (See Tables 10 and 12-17)

The corrective action constituents at Site 2 include benzene in MW-20 and cobalt in MW-18, MW-19, MW-20, and MW-301. SSLs over the GWPS remained for cobalt in MW-19 and MW-301. While compliance with the GWPS was not achieved, a statistically significant decreasing trend was identified for cobalt in MW-301.

Compliance with the GWPS was achieved for cobalt in MW-18 and MW-20 starting with the Spring 2024 statistical evaluation and benzene in MW-20 starting with the Fall 2024 statistical evaluation, and remained during the Fall 2025 statistical evaluation. In accordance with 567 IAC 113.10(9)e(2), cobalt in MW-18 and MW-20 and benzene in MW-20 will return to assessment constituents in Spring 2027 and Fall 2027, respectively, as long as concentrations remain below the GWPS during interim statistical evaluations.

As listed in Table 12, only two corrective action constituents have not yet achieved compliance with the GWPS: cobalt in MW-19 and MW-301. First order attenuation currently projects a year to completion of 2036 for cobalt in MW-301. For cobalt in MW-19, no trend was identified, and first order attenuation could not be projected.

Assessments of corrective measures (ACMs) were prepared for benzene in MW-20 (Foth, 2014 and HDR, 2017) and cobalt in MW-18, MW-19, MW-20, and MW-301 (HDR, 2019b). The selected remedies were monitored natural attenuation (MNA) with optimization of the landfill gas and leachate collection systems for source control. Tables 13A through 17 provide the required activities for monitoring the effectiveness of the landfill gas and leachate system improvements implemented as source control measures for the MNA remedy. These activities indicate improvements in source control, which have allowed the MNA remedy to progress toward completion.

4.1.2 Leachate Control System Performance

For the 13-Acre Cell and Phases 1-5A, 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, there was no correlation between precipitation and leachate head levels. At LHW-13A, LPT-P1-2, LPT-P3, and LPG-P5, head levels were below one foot of head over the liner in 2025, indicating compliance with 567 IAC 113.7(5)b(3).

4.1.3 Methane

The quarterly methane results did not exceed 25% of the lower explosive limit (LEL) for facility structures, 100% LEL at subsurface monitoring locations, and 100% of the LEL at the facility boundary. Based on 567 IAC 113.9(2), no action is required for this facility with regard to methane control at this time.

4.2 Recommendations for Future Monitoring

The following actions are recommended at Site 2 based on the groundwater sample analytical results, statistical analyses performed on the groundwater monitoring data, methane monitoring results, and leachate monitoring results:

- Continue collecting water level and well depth measurements on a semiannual basis at each HMSP-approved monitoring points.

- Continue collecting TSS samples and field turbidity measurements during sampling events in 2025.
- Continue detection, assessment, corrective action, delineation, and background monitoring as listed in Table 2.
- Continue benzene and cobalt ACM source control monitoring requirements in 2026 until it is no longer required by IDNR for monitoring source control effectiveness, or until an alternate monitoring program is approved.

5. References

Foth Infrastructure & Environment (Foth), 2014. *Assessment of Corrective Measures, Cedar Rapids/Linn County Solid Waste Agency Site No. 2, DNR Permit No. 57-SDP-01-72P, Project I.D.: 14C062.00*. September 29. [Doc. No. 81297].

Foth, 2025a. *2024 Annual Water Quality Report, Cedar Rapids Linn County Solid Waste Agency Site 2, 1954 County Home Road, Marion, IA 52302, Permit No. 57-SDP-01-72P*. February 28. [Doc. No. 112396].

Foth, 2025b. *Spring 2025 Statistical Notifications, Cedar Rapids Linn County Solid Waste Agency Site 2, Permit No. 57-SDP-01-72P*. June 3. [Doc. No. 113170].

HDR Engineering, Inc. (HDR), 2017. *Assessment of Corrective Measures, Cedar Rapids/Linn County Solid Waste Agency, Site 2, Permit No. 57-SDP-01-72P, Marion, Iowa.* (Written by Foth, September 2014; Updated by HDR Engineering, Inc., January 2017). January. [Doc. No. 101219 and No. 102539].

HDR, 2019a. *2018 Annual Water Quality Report, Cedar Rapids Linn County Solid Waste Agency, Site 2, Permit No. 57-SDP-01-72P.* January 25. [Doc. No. 94207].

HDR, 2019b. *Nature and Extent Study & Assessment of Corrective Measures, Cedar Rapids Linn County Solid Waste Agency, Site 2 – Marion, IA.* April. [Submitted but not included in DocDNA].

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HDR, 2024a. *2023 Annual Water Quality Report, Cedar Rapids/Linn County Solid Waste Agency - Site 2, Permit No. 57-SDP-01-72P, Marion, Iowa.* January 26. [Doc. No. 108948].

HDR, 2024b. *Alternative Source Demonstration: Spring 2024, Cedar Rapids/Linn County Solid Waste Agency Site 2, Permit No. 57-SDP-01-72P.* August 2. [Doc. No. 110634].

HDR, 2024c. *2024 Spring Statistical Report, Cedar Rapids/Linn County Solid Waste Agency Site 2, Permit No. 57-SDP-01-72P.* August 2. [Doc. No. 110633].

HDR, 2024d. *Construction Quality Assurance Report, Cedar Rapids Linn County Solid Waste Agency (CRLCSWA) - Site 2 Landfill, 30-acre Cell Improvements (HDR #10362196), Marion, IA.* October 25. [Doc. No. 111154 and 111692].

Howard R. Green Company (HRG), 2004. *Hydrogeologic Investigation and Hydrologic Monitoring System Planning Report, Proposed Expansion, Site No. 2, Cedar Rapids/Linn County Solid Waste Agency, Linn County, Iowa.* June. [Doc. No. 25515].

Iowa Department of Natural Resources (Matthew R. Phoenix, P.E.), Letter to Karmin McShane, 4 Aug 2016. “Cedar Rapids/Linn County Solid Waste Agency Sanitary Landfill (Site #2 – Marion), Permit #57-SDP-01-72P, Amendment #16.” [Doc. No. 86883].

Iowa Department of Natural Resources (Brian L. Rath, P.E.), Letter to Karmin McShane, 23 Dec 2024. “Cedar Rapids/Linn County Solid Waste Agency Sanitary Landfill (Site #2 – Marion), Permit No. 57-SDP-01-72P, 2023 Annual Water Quality Report (Document No. 108948), 2024 Spring Statistical Report (Document No. 110633), Alternative Source Demonstration: Spring 2024 (Document No. 110634).” [Doc. No. 111536].

Iowa Department of Natural Resources (Michael W. Smith, P.E.), Letter to Karmin McShane, 15 Sep 2025. “Cedar Rapids/Linn County Solid waste Agency Sanitary Landfill #2, Permit No. 57-SDP-01-72, 2024 Annual Water Quality Report (Document No. 112131), Spring 2025 Statistical Notifications (Document No. 113170).” [Doc. No. 113930].

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.

Tables

Table 1
Monitoring Program Summary
2025 Annual Water Quality Report
Cedar Rapids Linn County Solid Waste Agency Site 2
Permit No. 57-SDP-01-72P

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 [3]				
						Detection	Assessment	Corrective Action	Delineation	Background
Groundwater Underdrain Monitoring Locations										
GU-1	Underdrain System - 13-Acre Lined Cell	Detection	No Change	None	N/A	34	0	0	0	0
GU-L	Underdrain System - Leachate Lagoon	Detection	No Change	None	N/A	33	0	0	0	0
GU-O	Underdrain System - Portion of Phase 1	Detection	No Change	None	N/A	12	0	0	0	0
GU-P	Underdrain System - Phases 1-5A	Detection	No Change	None	N/A	10	0	0	0	0
Downgradient Monitoring Locations										
MW-15	Alluvium to Unweathered Glacial Till - Clayey Sand to Sand to Sandy Lean Clay	Assessment	No Change	Cobalt; Nickel	None	19	23	0	0	0
MW-18	Alluvium to Weathered/Unweathered Glacial Till - Sand & Gravel to Sandy Lean Clay	Corrective Action	No Change	Nickel	None [4]	18	8	15	0	0
MW-19	Weathered to Unweathered Glacial Till - Sandy Lean Clay	Corrective Action	No Change	1,4-Dichlorobenzene; Chlorobenzene; Nickel	Cobalt	18	8	15	0	0
MW-20	Alluvium - Sand to Silt	Corrective Action	No Change	Barium; Chlorobenzene; Nickel	None [4]	2	4	35	0	0
MW-22	Weathered to Unweathered Glacial Till - Sandy Clay	Assessment	No Change	Barium; Benzene; Nickel	None	18	23	0	0	0
MW-24	Alluvium - Clayey Silt & Sand	Assessment	No Change	Nickel	None	20	21	0	0	0
MW-26A	Alluvium - Silty Sand	Assessment	No Change	Arsenic; Barium; Cobalt; Nickel	None	20	14	0	0	0
MW-300	Erosion Surface to Weathered Glacial Till - Clay and Sand to Sandy Lean Clay	Assessment	No Change	None	None	17	19	0	0	0
MW-301	Unweathered Glacial Till - Lean Clay with Sand Seams	Corrective Action	No Change	Nickel	Cobalt	16	3	15	0	0
MW-302R	Unweathered Glacial Till - Lean Clay	Assessment	Detection [5]	None	None	17	18	0	0	0
MW-303	Alluvium - Sand	Assessment	No Change	Cadmium; Cobalt; Nickel	None	23	10	0	0	0
MW-304R	Alluvium & Unweathered Glacial Till - Sand to Sandy Lean Clay	Assessment	No Change	Chromium; Cobalt; Nickel	None	19	15	0	0	0
MW-305	Alluvium & Unweathered Glacial Till - Sandy Silt/ Sandy Clay/Gravelly Sand to Lean Clay	Assessment	Detection [5]	None	None	12	17	0	0	0
MW-501	Unweathered Glacial Till - Sandy Lean Clay with Sand Seams	Detection [6]	No Change	None	N/A	13	0	0	0	0
MW-502	Weathered Glacial Till - Sandy Lean Clay	Future Detection [7]	N/A	N/A	N/A	0	0	0	0	12
Delineation Monitoring Locations										
MW-29	Alluvium - Sand to Clayey Silt with Sand	Delineation	No Change	None	N/A	0	0	0	41	0
MW-30	Alluvium - Clay with Sand to Sand to Clayey Silt with Sand	Delineation	No Change	None	N/A	0	0	0	41	0
MW-306	Alluvium - Sand	Delineation	No Change	None	N/A	0	0	0	28	0

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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 [3]				
						Detection	Assessment	Corrective Action	Delineation	Background
Delineation Monitoring Locations Continued										
MW-307A	Alluvium- Clay to Gravelly Sand to Sandy Silt to Sandy Gravel	Delineation	No Change	None	N/A	0	0	0	23	0
Background Monitoring Locations										
MW-9AR	Unweathered Glacial Till - Sandy Lean Clay with Sand Seams	Background	No Change	None	N/A	0	0	0	0	18
MW-201B	Unweathered Glacial Till - Sandy Lean Clay with Sand Seams	Background	No Change	None	N/A	0	0	0	0	29
Potential Background Expansion [8]										
MW-204A	Alluvium - Lean Clay with Sand Seams	Background	See Table 2	N/A	N/A	0	0	0	0	4
MW-204B	Alluvium - Silty Sand	Background	See Table 2	N/A	N/A	0	0	0	0	4
MW-213A	Alluvium - Silty Sand	Background	See Table 2	N/A	N/A	0	0	0	0	4
MW-213B	Alluvium - Silty Sand	Background	See Table 2	N/A	N/A	0	0	0	0	4
MW-214	Erosion Surface to Weathered/Unweathered Glacial Till - Silty Sand to Sandy Lean Clay to Sandy Lean Clay with Sand Seams	Background	Removed	N/A	N/A	0	0	0	0	16
MW-215	Alluvium - Silty Sand & Sandy Lean Clay	Background	Removed	N/A	N/A	0	0	0	0	16
MW-218	Alluvium - Sand with Clay & Sandy Silt with Clay	Background	See Table 2	N/A	N/A	0	0	0	0	4

Comments:

N/A= not applicable

[1] Current Monitoring Program is from the last event the location was sampled (i.e., Fall 2025 event).

[2] SSIs and SSLs are from the Fall 2025 statistical evaluation.

[3] The total number of samples under detection, assessment, corrective action, delineation, and background monitoring are estimated based on the total number of samples collected and the number of Appendix II sampling events. The number of sampling events in each monitoring program are estimated and are not considered exact. In 2025, the total number of samples utilized the number reported in the *2023 AWQR* (HDR, 2024a) plus the three sampling events conducted in Apr., May (at select locations), and Sep. 2024, and the three sampling events conducted in Feb. (at GU-O), Mar., and Aug. 2025.

[4] As discussed in Table 10, compliance with the GWPS was achieved for cobalt in MW-18 and MW-20 starting with the Spring 2024 statistical evaluation and benzene in MW-20 starting with the Fall 2024 statistical evaluation, and remained during the current statistical evaluation. Therefore, SSLs were not listed for these corrective action constituents.

[5] As discussed in Tables 2 and 9, MW-302R and MW-305 will return to detection monitoring in Spring 2026.

[6] The Iowa Department of Natural Resources (IDNR) approved the alternative source demonstration (ASD) for MW-501 on September 15, 2025 (IDNR, 2025); therefore, MW-501 remained in detection monitoring in 2025. Details regarding the ASD were provided in the *Alternative Source Demonstration: Spring 2024* (HDR, 2024b) and the *Spring 2025 Statistical Notifications* (Foth, 2025b).

[7] Monitoring was initiated at MW-502 in Mar. 2021 to establish baseline intrawell background. Compliance monitoring under the detection monitoring program will be initiated at MW-502 following the future construction of Phase 5B (HDR, 2021).

Table 1
Monitoring Program Summary
2025 Annual Water Quality Report
Cedar Rapids Linn County Solid Waste Agency Site 2
Permit No. 57-SDP-01-72P

Comments Continued:

(8) Table 2 discusses the potential background expansion review conducted as part of the Fall 2025 statistical evaluation. None of the potential background expansion locations were recommended for inclusion in the interwell background monitoring network. Based on the results, background monitoring at MW-214 and MW-215 will be discontinued in 2026. Semiannual monitoring will be continued at MW-213A to build the site-specific cobalt background dataset for the Indian Creek floodplain. Biennial monitoring, at a minimum, was recommended for MW-204A, MW-204B, MW-213B, and MW-218 to provide data regarding conditions in the Indian Creek floodplain over time. In addition, consideration will be given to more frequent monitoring at MW-204A, MW-204B, MW-213B, and MW-218 based on atmospheric and subsurface conditions during semiannual events.

Table 2
Monitoring Program Implementation Schedule
2025 Annual Water Quality Report
Cedar Rapids Linn County Solid Waste Agency Site 2
Permit No. 57-SDP-01-72P

Monitoring Location	Monitoring Program	Sampling Date and Constituents [1]			Upcoming Sampling Dates and Constituents [1]		Full Appendix II Sample Dates	
		Feb. 2025	Mar. 2025	Aug. 2025	Spring 2026	Fall 2026	Previously Collected	Next Event [1]
Underdrain Monitoring Locations								
GU-1	Detection		Appendix I, TSS	Appendix I, TSS	Appendix I, TSS	Appendix I, TSS	N/A - Detection Monitoring	N/A
GU-L	Detection		Appendix I, TSS	Appendix I, TSS	Appendix I, TSS	Appendix I, TSS	N/A - Detection Monitoring	N/A
GU-O	Detection	Zinc [2]	Appendix I, TSS	Appendix I, TSS	Appendix I, TSS	Appendix I, TSS	N/A - Detection Monitoring	N/A
GU-P	Detection		Appendix I, TSS	Appendix I, TSS	Appendix I, TSS	Appendix I, TSS	N/A - Detection Monitoring	N/A
Downgradient Monitoring Locations								
MW-15	Assessment		Appendix II, TSS	Appendix II, TSS	Appendix II, TSS	Appendix II, TSS	Jun. 2009, Sep. 2009, Dec. 2009, Mar. 2010, Sep. 2010, Sep. 2011, Dec. 2017, Oct. 2022	Fall 2027
MW-18	Corrective Action		Appendix II, TSS	Appendix II, TSS	Appendix II, TSS	Appendix II, TSS	Mar. 2009, Jun. 2009, Sep. 2009, Dec. 2009, Sep. 2010, Sep. 2011, Oct. 2017, Oct. 2022	Fall 2027
MW-19	Corrective Action		Appendix II, TSS	Appendix II, TSS	Appendix II, TSS	Full Appendix II, TSS	Mar. 2009, Jun. 2009, Sep. 2009, Dec. 2009, Sep. 2010, Sep. 2011, Nov. 2016, Oct. 2021	Fall 2026
MW-20	Corrective Action		Appendix II, TSS	Appendix II, TSS	Appendix II, TSS	Full Appendix II, TSS	Mar. 2009, Jun. 2009, Sep. 2009, Dec. 2009, Sep. 2010, Sep. 2011, Nov. 2016, Oct. 2021	Fall 2026
MW-22	Assessment		Appendix II, TSS	Appendix II, TSS	Appendix II, TSS	Full Appendix II, TSS	Jun. 2009, Sep. 2009, Dec. 2009, Mar. 2010, Sep. 2010, Sep. 2011, Nov. 2016, Oct. 2021	Fall 2026
MW-24	Assessment		Appendix II, TSS	Appendix II, TSS	Appendix II, TSS	Appendix II, TSS	Jun. 2010, Aug. 2010, Sep. 2010, Dec. 2010, Sep. 2011, Dec. 2017, Oct. 2022	Fall 2027
MW-26A	Assessment		Appendix II, TSS	Appendix II, TSS	Appendix II, TSS	Appendix II, TSS	Aug. 2010, Sep. 2010, Mar. 2011, Jun. 2011, Jul. 2018, Nov. 2018, Apr. 2024	Spring 2029
MW-300	Assessment		Appendix II, TSS	Appendix II, TSS	Appendix II, TSS	Full Appendix II, TSS	Jun. 2011, Sep. 2011, Dec. 2011, Mar. 2012, Nov. 2016, Oct. 2021	Fall 2026
MW-301	Corrective Action		Appendix II, TSS	Appendix II, TSS	Appendix II, TSS	Full Appendix II, TSS	Jun. 2011, Sep. 2011, Dec. 2011, Mar. 2012, Dec. 2014, Nov. 2016, Oct. 2021	Fall 2026
MW-302R	Assessment/ Detection [3]		Appendix II, TSS	Appendix II, TSS	Appendix I, TSS	Appendix I, TSS	Dec. 2017, Oct. 2022	Fall 2027
MW-303	Assessment		Appendix II, TSS	Appendix II, TSS	Appendix II, TSS	Full Appendix II, TSS	Dec. 2021	Fall 2026
MW-304R	Assessment		Appendix II, TSS	Appendix II, TSS	Appendix II, TSS	Appendix II, TSS	May 2019, Apr. 2024	Spring 2029
MW-305	Assessment/ Detection [3]		Appendix II, TSS	Appendix II, TSS	Appendix I, TSS	Appendix I, TSS	Dec. 2017, Oct. 2022	Fall 2027
MW-501	Detection [4]		Appendix I, TSS	Appendix I, TSS	Appendix I, TSS	Appendix I, TSS	N/A - Detection Monitoring	N/A
MW-502	Future Detection [5]		Appendix I, TSS	Appendix I, TSS	Appendix I, TSS	Appendix I, TSS	N/A - Detection Monitoring	N/A
Delineation Monitoring Locations								
MW-29	Delineation		Benzene, Cobalt, TSS	Benzene, Cobalt, TSS	Benzene, Cobalt, TSS	Benzene, Cobalt, TSS	N/A - Delineation Monitoring	N/A
MW-30	Delineation		Benzene, Cobalt, TSS	Benzene, Cobalt, TSS	Benzene, Cobalt, TSS	Benzene, Cobalt, TSS	N/A - Delineation Monitoring	N/A
MW-306	Delineation		Benzene, Cobalt, TSS	Benzene, Cobalt, TSS	Benzene, Cobalt, TSS	Benzene, Cobalt, TSS	N/A - Delineation Monitoring	N/A
MW-307A	Delineation		Benzene, Cobalt, TSS	Benzene, Cobalt, TSS	Benzene, Cobalt, TSS	Benzene, Cobalt, TSS	N/A - Delineation Monitoring	N/A

Table 2
Monitoring Program Implementation Schedule
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Monitoring Location	Monitoring Program	Sampling Date and Constituents [1]			Upcoming Sampling Dates and Constituents [1]		Full Appendix II Sample Dates	
		Feb. 2025	Mar. 2025	Aug. 2025	Spring 2026	Fall 2026	Previously Collected	Next Event [1]
Background Monitoring Locations								
MW-9AR	Background		Appendix II, TSS	Appendix II, TSS	Appendix II, TSS	Full Appendix II, TSS	Oct. 2016	Fall 2026
MW-201B	Background		Appendix II, TSS	Appendix II, TSS	Appendix II, TSS	Full Appendix II, TSS	Nov. 2018	Fall 2026
Potential Background Expansion [6]								
MW-204A	Background		Appendix I, TSS	Appendix I, TSS	See Footnote (5)	See Footnote (5)	N/A	N/A
MW-204B	Background		Appendix I, TSS	Appendix I, TSS	See Footnote (5)	See Footnote (5)	N/A	N/A
MW-213A	Background		Appendix I, TSS	Appendix I, TSS	Appendix I, TSS	Appendix I, TSS	N/A	N/A
MW-213B	Background		Appendix I, TSS	Appendix I, TSS	See Footnote (5)	See Footnote (5)	N/A	N/A
MW-214	Background		Appendix I, TSS	Appendix I, TSS			N/A	N/A
MW-215	Background		Appendix I, TSS	Appendix I, TSS			N/A	N/A
MW-218	Background		Appendix I, TSS	Appendix I, TSS	See Footnote (5)	See Footnote (5)	N/A	N/A

Comments:

N/A = not applicable

TSS = total suspended solids

[1] Appendix II locations were sampled for the Appendix I and detected Appendix II constituents in Mar. and Aug. 2025, and, unless otherwise noted, Appendix II locations will be sampled for the Appendix I and detected Appendix II constituents in Spring and Fall 2026. In accordance with Permit Special Provision X. 4. f, the five-year resampling for the full Appendix II list will be conducted at MW-19, MW-20, MW-22, MW-300, MW-301, and MW-303 in Fall 2026. While not required for compliance reasons, background wells MW-9AR and MW-201B will also be sampled for the full Appendix II list in Fall 2026.

[2] A retest sample was collected for zinc in GU-O in Feb. 2025 due to the identification of a single Double Quantification Rule (DQR) detection during the Fall 2024 statistical evaluation (Foth 2025a). The Feb. 2025 retest did not confirm the single DQR detection; therefore, an SSI was not identified for zinc in GU-O (Foth, 2025b). GU-O continued semiannual detection monitoring in Mar. and Aug. 2025.

[3] MW-302R and MW-305 were in the assessment monitoring program in 2025. As discussed in Table 9, the Fall 2025 statistical evaluation indicated that MW-302R and MW-305 have had all Appendix II constituents below background values for three consecutive sampling events. In accordance with 567 IAC 113.10(6)e, MW-302R and MW-305 will return to detection monitoring in Spring 2026.

[4] The Iowa Department of Natural Resources (IDNR) approved the alternative source demonstration (ASD) for MW-501 on September 15, 2025 (IDNR, 2025); therefore, MW-501 remained in detection monitoring in 2025. Details regarding the ASD were provided in the *Alternative Source Demonstration: Spring 2024* (HDR, 2024b) and the *Spring 2025 Statistical Notifications* (Foth, 2025b).

[5] Monitoring was initiated at MW-502 in Mar. 2021 to establish baseline intrawell background. MW-502 will continue semiannual monitoring for the Appendix I list to build intrawell background. Compliance monitoring under the detection monitoring program will be initiated at MW-502 following the future construction of Phase 5B (HDR, 2021).

[6] In May 2024, MW-204A/B, MW-213A/B, and MW-218 were monitored for the Appendix I metals, TSS, and other indicator parameters to evaluate for background expansion and support the *Alternative Source Demonstration: Spring 2024* (HDR, 2024b) for MW-304R and MW-501. In Sep. 2024, Mar. 2025, and Aug. 2025, MW-204A/B, MW-213A/B, MW-214, MW-215, and MW-218 were monitored for the Appendix I list and TSS to continue to evaluate for background expansion or provide additional data regarding conditions in the Indian Creek floodplain over time. Note that MW-214 and MW-215 were previously included in the background monitoring network and had been monitored for the Appendix I and detected Appendix II constituents between Apr. 2015 and Mar. 2021. Potential background expansion was reviewed as part of the Fall 2025 statistical evaluation, as discussed in the following bullets.

- None of the potential background expansion locations were recommended for inclusion in the interwell background monitoring network.

Table 2
Monitoring Program Implementation Schedule
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Comments Continued:

- MW-9AR and MW-201B are located upgradient of the Site 2 disposal units, along the eastern side of the facility, and are screened within the unweathered glacial till. Downgradient wells are screened within alluvium, erosion surface sediments, weathered glacial till, and unweathered glacial till, with several wells screened across one or more of these geologic units. Since the upgradient geologic conditions differ from many of the downgradient wells, the existing upgradient background data set may not provide a comprehensive characterization of naturally occurring background concentrations in the formations identified across the site.
- In addition to providing spatial variation, the potential background expansion wells allowed for evaluation of background conditions within alluvium (MW-204A, MW-204B, MW-213A, MW-213B, MW-215, and MW-218) and within erosion surface sediments to weathered/unweathered glacial till (MW-214). MW-204A, MW-204B, MW-213A, MW-213B, and MW-218 are located within the Indian Creek floodplain. While these locations provided useful data regarding conditions in the floodplain, they were not representative of conditions within all downgradient monitoring wells. For ease of implementation, multiple interwell background data sets were not considered (i.e., separate interwell background for wells located in the floodplain from those that are not). Therefore, data from MW-204A, MW-204B, MW-213A, MW-213B, and MW-218 was not added to the site-wide interwell background data set but may continue to be utilized to document conditions in the floodplain over time. Background conditions within the Indian Creek floodplain were recommended to be handled through site-specific GWPS evaluations.
- At MW-213A, semiannual monitoring for the Appendix I list will be continued to build the site-specific cobalt background data set for the Indian Creek floodplain. Biennial monitoring, at a minimum, was recommended for MW-204A, MW-204B, MW-213B, and MW-218 to provide data regarding conditions in the Indian Creek floodplain over time. In addition, consideration will be given to more frequent monitoring at MW-204A, MW-204B, MW-213B, and MW-218 based on atmospheric and subsurface conditions during semiannual events. Monitoring for the Appendix I list may be conducted at MW-204A, MW-204B, MW-213B, and MW-218 during any semiannual event if heavy precipitation occurs before or during the sampling event or if reddish-orange turbidity is identified in compliance wells located within the Indian Creek floodplain.
- Except for barium, limited metals detections were identified in MW-214 and MW-215, and those that were identified were J-flagged or inconsistent. As a result, MW-214 and MW-215 were not recommended for inclusion in the interwell background data. Background monitoring at MW-214 and MW-215 will be discontinued in 2026.

Table 3
August 2025 Appendix II Detections
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Constituent	Unit	MW-15 (d)	MW-18 (d)	MW-19 (d)	MW-20 (d)	MW-22 (d)	MW-24 (d)	MW-26A (d)	MW-300 (d)	MW-301 (d)	MW-302R (d)	MW-303 (d)	MW-304R (d)	MW-305 (d)	MW-9AR (b)	MW-201B (b)
1,4-Dichlorobenzene	ug/L			1.27	0.68 J				0.79 J							
Acetone	ug/L				7.64 J											
Antimony	mg/L		0.00115 J						0.00122 J							
Arsenic	mg/L	0.00129 J	0.00134 J	0.00132 J	0.00318	0.00387	0.00073 J	0.0193	0.000719 J	0.00835	0.000902 J		0.000607 J	0.00157 J	0.0017 J	0.000628 J
Barium	mg/L	0.0717	0.0501	0.0358	0.654	0.92	0.0504	0.764	0.0945	0.0543	0.112	0.0209	0.0347	0.0416	0.4	0.0955
Benzene	ug/L				4.83	1.35										
Cadmium	mg/L											0.00165				
Chlorobenzene	ug/L			1.19	3.59	0.651 J			0.648 J	0.941 J						
Chromium	mg/L												0.00672			
Cobalt	mg/L	0.00418	0.0036	0.0183	0.00204	0.00037 J	0.000332 J	0.0418	0.000389 J	0.0066	0.000464 J	0.00308	0.00446	0.00138		0.000966
Copper	mg/L	0.00388 J														
Lead	mg/L							0.000869								
Nickel	mg/L	0.00834	0.0114	0.0176	0.0135	0.0347	0.0133	0.0348	0.00468 J	0.0108		0.0814	0.00543	0.00321 J		0.00253 J
Tin	mg/L		0.00433 J						0.00423 J							
Total Suspended Solids	mg/L		3.75	11.8	75	32.5		97.5	1.63 J	39	5.63	4	17.3	39.3	22.5	16.4
Trichloroethene	ug/L			0.452 J												
Vanadium	mg/L	0.0019 J			0.00252 J											

Comments:
b = background
d = downgradient
mg/L = milligrams per liter
ug/L = micrograms per liter

Table 4
Monitoring Well Maintenance and Performance Reevaluation Schedule
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Compliance with:	Monitoring Calendar Years								
	2018	2019	2020	2021	2022	2023	2024	2025	2026
567 IAC 113.10(2)f(1): High and low water levels (semiannual)		Completed		Completed		Completed		Completed	
567 IAC 113.10(2)f(2): Changes in the hydrologic setting and flow paths		Completed		Completed		Completed		Completed	
567 IAC 113.10(2)f(3): Well depths	Completed	Completed	Completed	Completed	Completed	Completed	Completed	Completed	Scheduled
567 IAC 113.10(2)f(4): Well recharge rates and chemistry		Completed		Completed		Completed		Completed	
567 IAC 113.6(2)i: Waste separation from ground water	Completed	Completed	Completed	Completed	Completed	Completed	Completed	Completed	Scheduled

Comments:

IAC = Iowa Administrative Code

- Groundwater elevations and measured well depths are shown in Table 5, and the field sampling forms are in Appendix A.
- Groundwater separation distance measurements are shown in Table 6.

Table 5
Monitoring Well Maintenance and Performance Summary
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Well	Top of Casing (feet amsl)	Top of Screen (feet amsl)	Total Depth (feet bTOC)	Measurement Description	Date of Measurements					Maximum Depth Discrepancy (feet)	Maximum GW Fluctuation (feet)
					Apr. 2024	May 2024	Sep. 2024	Mar. 2025	Aug. 2025		
Downgradient Monitoring Locations											
MW-15	820.16	809.70	20.46	Groundwater Level (feet bTOC)	7.44	---	9.09	6.05	7.08	-0.12	3.04
				Groundwater Elevation (feet amsl)	812.72	---	811.07	814.11	813.08		
				Measured Well Depth (feet bTOC)	20.58	---	20.46	20.46	20.50		
				Submerged Screen	Y	---	Y	Y	Y		
MW-18	830.04	820.40	19.64	Groundwater Level (feet bTOC)	7.77	---	9.38	7.19	8.04	-0.31	2.19
				Groundwater Elevation (feet amsl)	822.27	---	820.66	822.85	822.00		
				Measured Well Depth (feet bTOC)	19.93	---	19.64	19.64	19.95		
				Submerged Screen	Y	---	Y	Y	Y		
MW-19	847.13	837.59	19.54	Groundwater Level (feet bTOC)	6.35	---	7.84	5.46	6.31	-0.26	2.38
				Groundwater Elevation (feet amsl)	840.78	---	839.29	841.67	840.82		
				Measured Well Depth (feet bTOC)	19.77	---	19.54	19.54	19.80		
				Submerged Screen	Y	---	Y	Y	Y		
MW-20	822.25	810.20	22.76	Groundwater Level (feet bTOC)	10.88	---	11.63	8.99	9.46	-0.26	2.64
				Groundwater Elevation (feet amsl)	811.37	---	810.62	813.26	812.79		
				Measured Well Depth (feet bTOC)	23.02	---	22.76	22.76	23.00		
				Submerged Screen	Y	---	Y	Y	Y		
MW-22	834.04	827.36	16.68	Groundwater Level (feet bTOC)	2.48	---	3.04	2.74	3.23	0.43	0.75
				Groundwater Elevation (feet amsl)	831.56	---	831.00	831.30	830.81		
				Measured Well Depth (feet bTOC)	16.26	---	16.68	16.68	16.25		
				Submerged Screen	Y	---	Y	Y	Y		
MW-24	820.27	811.70	12.71	Groundwater Level (feet bTOC)	9.12	---	10.71	8.65	8.49	-0.18	2.22
				Groundwater Elevation (feet amsl)	811.15	---	809.56	811.62	811.78		
				Measured Well Depth (feet bTOC)	12.89	---	12.71	12.71	12.85		
				Submerged Screen	N	---	N	N	Y		
MW-26A	828.26	813.46	19.80	Groundwater Level (feet bTOC)	17.65	16.59	18.61	17.25	16.61	-0.29	2.02
				Groundwater Elevation (feet amsl)	810.61	811.67	809.65	811.01	811.65		
				Measured Well Depth (feet bTOC)	20.09	20.09	20.09	20.09	20.05		
				Submerged Screen	N	N	N	N	N		
MW-300	855.57	849.19	16.38	Groundwater Level (feet bTOC)	6.40	---	7.58	5.92	6.20	0.14	1.66
				Groundwater Elevation (feet amsl)	849.17	---	847.99	849.65	849.37		
				Measured Well Depth (feet bTOC)	16.24	---	16.38	16.38	16.40		
				Submerged Screen	N	---	N	Y	Y		
MW-301	824.10	812.47	20.10	Groundwater Level (feet bTOC)	11.67	---	12.92	10.38	10.64	-0.25	2.54
				Groundwater Elevation (feet amsl)	812.43	---	811.18	813.72	813.46		
				Measured Well Depth (feet bTOC)	20.33	---	20.10	20.10	20.35		
				Submerged Screen	N	---	N	Y	Y		

Table 5
Monitoring Well Maintenance and Performance Summary
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Well	Top of Casing (feet amsl)	Top of Screen (feet amsl)	Total Depth (feet bTOC)	Measurement Description	Date of Measurements					Maximum Depth Discrepancy (feet)	Maximum GW Fluctuation (feet)
					Apr. 2024	May 2024	Sep. 2024	Mar. 2025	Aug. 2025		
Downgradient Monitoring Locations Continued											
MW-302R	823.05	804.99	28.06	Groundwater Level (feet bTOC)	5.52	---	2.92	4.48	3.16	-0.06	2.60
				Groundwater Elevation (feet amsl)	817.53	---	820.13	818.57	819.89		
				Measured Well Depth (feet bTOC)	28.12	---	28.06	28.06	28.10		
				Submerged Screen	Y	---	Y	Y	Y		
MW-303	826.76	817.91	20.85	Groundwater Level (feet bTOC)	16.65	---	17.39	16.27	11.23	-0.21	6.16
				Groundwater Elevation (feet amsl)	810.11	---	809.37	810.49	815.53		
				Measured Well Depth (feet bTOC)	21.06	---	20.85	20.85	21.00		
				Submerged Screen	N	---	N	N	N		
MW-304R	834.09	814.59	29.59	Groundwater Level (feet bTOC)	25.67	24.65	23.71	24.51	22.89	-0.21	2.78
				Groundwater Elevation (feet amsl)	808.42	809.44	810.38	809.58	811.20		
				Measured Well Depth (feet bTOC)	29.64	29.61	29.59	29.59	29.80		
				Submerged Screen	N	N	N	N	N		
MW-305	826.76	809.77	31.99	Groundwater Level (feet bTOC)	14.92	---	13.60	14.02	12.70	-0.27	2.22
				Groundwater Elevation (feet amsl)	811.84	---	813.16	812.74	814.06		
				Measured Well Depth (feet bTOC)	32.26	---	31.99	31.99	32.25		
				Submerged Screen	Y	---	Y	Y	Y		
MW-501	830.87	818.95	35.92	Groundwater Level (feet bTOC)	15.13	14.05	15.82	15.30	14.15	2.42	1.77
				Groundwater Elevation (feet amsl)	815.74	816.82	815.05	815.57	816.72		
				Measured Well Depth (feet bTOC)	35.78	35.76	35.92	35.92	33.50		
				Submerged Screen	N	N	N	N	N		
MW-502	842.85	817.07	35.78	Groundwater Level (feet bTOC)	31.56	---	32.28	32.08	31.85	-0.32	0.72
				Groundwater Elevation (feet amsl)	811.29	---	810.57	810.77	811.00		
				Measured Well Depth (feet bTOC)	36.10	---	36.10	36.10	36.10		
				Submerged Screen	N	---	N	N	N		
Delineation Monitoring Locations											
MW-29	819.26	811.63	17.14	Groundwater Level (feet bTOC)	7.45	---	8.49	6.03	6.81	-0.24	2.46
				Groundwater Elevation (feet amsl)	811.81	---	810.77	813.23	812.45		
				Measured Well Depth (feet bTOC)	17.38	---	17.14	17.14	17.35		
				Submerged Screen	Y	---	N	Y	Y		
MW-30	818.74	811.16	17.21	Groundwater Level (feet bTOC)	7.06	---	8.42	5.95	6.56	-0.27	2.47
				Groundwater Elevation (feet amsl)	811.68	---	810.32	812.79	812.18		
				Measured Well Depth (feet bTOC)	17.48	---	17.21	17.21	17.40		
				Submerged Screen	Y	---	N	Y	Y		

Table 5
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Well	Top of Casing (feet amsl)	Top of Screen (feet amsl)	Total Depth (feet bTOC)	Measurement Description	Date of Measurements					Maximum Depth Discrepancy (feet)	Maximum GW Fluctuation (feet)
					Apr. 2024	May 2024	Sep. 2024	Mar. 2025	Aug. 2025		
Delineation Monitoring Locations Continued											
MW-306	821.40	812.49	22.91	Groundwater Level (feet bTOC)	10.35	---	10.96	9.61	9.76	0.22	1.35
				Groundwater Elevation (feet amsl)	811.05	---	810.44	811.79	811.64		
				Measured Well Depth (feet bTOC)	22.69	---	22.91	22.91	22.70		
				Submerged Screen	N	---	N	N	N		
MW-307A	822.41	811.78	20.63	Groundwater Level (feet bTOC)	9.95	---	10.60	9.17	9.50	0.19	1.43
				Groundwater Elevation (feet amsl)	812.46	---	811.81	813.24	812.91		
				Measured Well Depth (feet bTOC)	20.44	---	20.63	20.63	20.60		
				Submerged Screen	Y	---	Y	Y	Y		
Background Monitoring Locations											
MW-9AR	863.70	851.60	22.09	Groundwater Level (feet bTOC)	7.17	---	8.20	7.39	7.54	-0.04	1.03
				Groundwater Elevation (feet amsl)	856.53	---	855.50	856.31	856.16		
				Measured Well Depth (feet bTOC)	22.13	---	22.09	22.09	22.1		
				Submerged Screen	Y	---	Y	Y	Y		
MW-201B	871.06	818.41	62.65	Groundwater Level (feet bTOC)	9.59	---	21.90	22.13	23.75	-0.20	14.16
				Groundwater Elevation (feet amsl)	861.47	---	849.16	848.93	847.31		
				Measured Well Depth (feet bTOC)	62.85	---	62.65	62.65	62.70		
				Submerged Screen	Y	---	Y	Y	Y		

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

Acceptability of Well Locations:

• In accordance with 567 IAC 113.10(2)f(1), a review of the horizontal and vertical acceptability of the approved monitoring points shall be conducted every two years. Groundwater monitoring continues to be conducted in accordance with the conceptual site model outlined in the *Hydrologic Monitoring System Plan* (HDR, 2021). The downgradient monitoring wells are spaced 300 feet apart around the downgradient perimeters of the 30-Acre Cell, 13-Acre Cell, and Phases 1 through 5A. MW-502 was installed 300 feet south of MW-501 in Mar. 2021 and will initiate detection monitoring following the future construction of Phase 5B. In addition, the groundwater underdrains for the 13-Acre Cell and Phases 1 through 5A are being monitored. The current horizontal placement of downgradient wells and monitoring of the groundwater underdrain is acceptable for detecting and monitoring any potential groundwater impacts from the landfill. In addition, horizontal delineation wells (MW-29, MW-30, MW-306, and MW-307A) continued to be utilized in 2024 and 2025 to delineate SSLs over the GWPS at the downgradient corrective action monitoring wells.

• In terms of vertical acceptability, the range of water levels was within the screened interval at MW-26A, MW-303, MW-304R, MW-501, MW-502, and delineation well MW-306 in 2024 and 2025. At least one water level measurement was above the screened interval for the remaining water table monitoring locations. Due to the shallow depth to groundwater at the facility, it is not feasible to screen shallow aquifer monitoring wells below the high groundwater elevations and achieve adequate surface seals. The wells continue to provide representative information regarding local groundwater elevation and quality.

• The biennial evaluation indicates that the horizontal and vertical placement of the existing monitoring wells continues to be acceptable, and no maintenance activities are recommended based on horizontal and vertical acceptability at this time.

Table 5
Monitoring Well Maintenance and Performance Summary
2025 Annual Water Quality Report
Cedar Rapids Linn County Solid Waste Agency Site 2
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Water Level Conditions:

• In accordance with IAC 113.10(2)f(2), a review of water level conditions must be conducted every two years to ensure that the effects of waste disposal or well operation have not resulted in changes in the hydrologic setting and resultant flow paths. The Apr. 2024 water table contours are depicted in Figure 2 of the *2024 Spring Statistical Report* (HDR, 2024c), the Sep. 2024 water table contours are depicted in Figure 2 of the *2024 AWQR* (Foth, 2025a), and the Mar. and Aug. 2025 water table contours are depicted in Figures 2 and 3 of this 2025 AWQR. These maps were prepared using water level measurements from the shallow aquifer groundwater monitoring wells and the gas and leachate wells in the 30-Acre Cell. As-built elevations for the top of the groundwater underdrain collection system were also included to account for the influence of the groundwater underdrains for the 13-Acre Cell and Phases 1 through 5A. Starting with the Sep. 2024 contours, the base of drainageway elevations for the groundwater cutoff trench/drainage way (along the eastern portion of the site that discharges into the detention basin) were included. Examination of the water table contours indicates that the groundwater flow direction in 2024 and 2025 has not changed. Shallow groundwater generally flows to the west and southwest towards Indian Creek.

• Examination of the water table contours also indicates that the background wells remain suitable for continued use: MW-9AR and MW-201B are located upgradient of the landfill cells.

• The 2024 and 2025 groundwater elevations have remained fairly consistent, typically exhibiting a seasonal fluctuation of less than 4 feet. Greater seasonal fluctuation was exhibited at MW-201B and MW-303. At MW-303, a higher groundwater elevation was measured in Aug. 2025, resulting in 6.16 feet of fluctuation at this location. At MW-201B, the Apr. 2024 elevation was approximately 14 feet higher than the rest of the 2024 and 2025 water levels.

• The biennial evaluation did not identify significant impacts or changes in groundwater hydrology or flow paths. No maintenance activities are recommended based on a review of the 2024 and 2025 water level information.

Well Depths:

• In accordance with IAC 113.10(2)f(3), well depth measurements were collected in 2025. Except for MW-501, the 2025 well depths are within a half-foot of the original well depths, which indicates the wells are physically intact and not filling with sediment. At MW-501, the Aug. 2025 well depth was 2.42 feet higher, indicating either an error in measurement or that this location may be filling with sediment. No maintenance activities are recommended based on review of the 2025 well depth information. At MW-501, well depths will be reviewed in 2026 to determine if redevelopment is recommended.

Well Deterioration:

• In accordance with IAC 113.10(2)f(4), a review of well recharge rates and chemistry must be conducted every two years to determine if well deterioration is occurring. Review of the water level measurements prior to and subsequent to sampling indicated that recharge rates are consistent with historically observed data. The 2024 and 2025 field parameter results measured during purging are generally consistent with previously observed measurements.

• The well recharges rates and field chemistry data indicate that the integrity of the monitoring wells remains intact and that no deterioration is occurring. Based on a review of the well recharge rates and field chemistry, no maintenance activities are recommended.

Exterior Well Maintenance:

• No exterior well maintenance activities were conducted in 2024 and 2025. The Aug. 2025 annual well maintenance evaluation identified the following well maintenance needs: consider re-painting at MW-16, MW-18, MW-19, MW-501, and MW-502; and replace locks at MW-213B and MW-218 . These recommendations will be conducted in 2026.

Table 6
Groundwater Separation Distance Evaluation
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Well	Unit	Date	Bottom of Waste Elevation (feet amsl)	Groundwater Elevation (feet amsl)	Groundwater Separation Distance (feet)	Acceptable (Yes/No)
Groundwater Separation Distance Piezometers						
GU-1	13-Acre Cell	Mar. 2025	820.00	812.54	7.46	Yes
		Aug. 2025	820.00	811.98	8.02	Yes
PZ-P1	Phases 1-2	Mar. 2025	770.45	762.10	8.35	Yes
		Aug. 2025	770.45	763.20	7.25	Yes
PZ-P3	Phases 3-4	Mar. 2025	772.60	764.86	7.74	Yes
		Aug. 2025	772.60	765.16	7.44	Yes
PZ-P5A	Phase 5A	Mar. 2025	769.22	762.06	7.16	Yes
		Aug. 2025	769.22	761.99	7.23	Yes

Comments:
amsl = above mean sea level
• The contents of this table are intended to satisfy the requirements set forth in 567 IAC 113.6(2)i and Permit Special Provision X.4.i.
• Groundwater elevations are measured at the GU-1 underdrain sump by measuring depth to water and by using dedicated transducers at PZ-P1, PZ-P3, and PZ-P5A.
• The minimum five-foot separation distance was maintained at the 13-Acre Cell and Phases 1-5A in 2025.

Table 7
Background and GWPS Summary
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Constituent [1]	CAS #	Units	Samples	Detections [2]	Min [3]	Max [3]	Mean [3]	Note	Background Level	Statistical Test	GWPS	Source [4]
Intrawell Background/GWPS (Oct. 2015 - Sep. 2024) - GU-1												
2-Butanone	78-93-3	ug/L	20	4	2.37 J	5.0 (1/2 RL)	4.542	J-Flagged Only	**10.0 (RL)**	DQR	**4,000**	SS
Acetone	67-64-1	ug/L	23	16	3.17 J	40.6	7.685		**10.0 (RL)**	DQR	**6,300**	SS
Arsenic	7440-38-2	mg/L	23	23	0.00173 J	0.0789	0.01311		**0.09105**	Parametric (Lognormal, 1-of-2)	**0.01**	MCL
Barium	7440-39-3	mg/L	23	23	0.195	1.44	0.6782		**1.443**	Parametric (Normal, 1-of-2)	**2**	MCL
Benzene	71-43-2	ug/L	21	16	0.202 J	0.945	0.3443		**0.50 (RL)**	DQR	**5**	MCL
Beryllium	7440-41-7	mg/L	22	1	0.000083 J	0.0005 (1/2 RL)	0.000481	J-Flagged Only	**0.001 (RL)**	DQR	**0.004**	MCL
Bromomethane	74-83-9	ug/L	20	2	0.222 J	2.5 (1/2 RL)	1.858	J-Flagged Only	**4.00 (RL)**	DQR	**10**	SS
Chloromethane	74-87-3	ug/L	20	1	0.341 J	1.5 (1/2 RL)	1.442	J-Flagged Only	**3.00 (RL)**	DQR	**N/A**	N/A
Chromium	7440-47-3	mg/L	22	9	0.000603 J	0.01 (1/2 RL)	0.002374	J-Flagged Only	**0.005 (RL)**	DQR	**0.1**	MCL
cis-1,2-Dichloroethene	156-59-2	ug/L	20	2	0.181 J	0.5 (1/2 RL)	0.4688	J-Flagged Only	**1.00 (RL)**	DQR	**70**	MCL
Cobalt	7440-48-4	mg/L	23	23	0.0013	0.0198	0.00436		**0.0198**	Non-Parametric (1-of-2)	**0.0021**	SS
Copper	7440-50-8	mg/L	21	3	0.000748 J	0.0025 (1/2 RL)	0.002363	J-Flagged Only	**0.005 (RL)**	DQR	**1.3**	MCL
Lead	7439-92-1	mg/L	20	4	0.00025 (1/2 RL)	0.000943	0.0002955		**0.000943**	Non-Parametric (1-of-2)	**0.01**	MCL
Methylene Chloride	75-09-2	ug/L	20	4	0.224 J	2.5 (1/2 RL)	2.086	J-Flagged Only	**5.00 (RL)**	DQR	**5**	MCL
Nickel	7440-02-0	mg/L	23	23	0.0236	0.0629	0.048		**0.06745**	Parametric (Normal, 1-of-2)	**0.1**	SS
Selenium	7782-49-2	mg/L	19	1	0.00125 J	0.0025 (1/2 RL)	0.002434	J-Flagged Only	**0.005 (RL)**	DQR	**0.05**	MCL
Silver	7440-22-4	mg/L	22	1	0.000222 J	0.0005 (1/2 RL)	0.0004874	J-Flagged Only	**0.001 (RL)**	DQR	**0.1**	SS
Thallium	7440-28-0	mg/L	22	2	0.000048 J	0.000817 J	0.0004939	J-Flagged Only	**0.001 (RL)**	DQR	**0.002**	MCL
Total Suspended Solids	TSS	mg/L	25	24	0.94 (1/2 RL)	836	140.51		**N/A**	N/A	**N/A**	N/A
Vanadium	7440-62-2	mg/L	22	3	0.000278 J	0.025 (1/2 RL)	0.003369	J-Flagged Only	**0.005 (RL)**	DQR	**0.035**	SS
Vinyl Chloride	75-01-4	ug/L	20	2	0.235 J	0.5 (1/2 RL)	0.4764	J-Flagged Only	**1.00 (RL)**	DQR	**2**	MCL
Zinc	7440-66-6	mg/L	22	8	0.005 (1/2 RL)	0.02	0.01133		**0.02**	Non-Parametric (1-of-2)	**2**	SS
Intrawell Background/GWPS (Oct. 2015 - Sep. 2024) - GU-L												
Acetone	67-64-1	ug/L	19	2	3.28 J	5.0 (1/2 RL)	4.882	J-Flagged Only	**10.0 (RL)**	DQR	**6,300**	SS
Antimony	7440-36-0	mg/L	19	3	0.000192 J	0.00111 J	0.0006855	J-Flagged Only	**0.002 (RL)**	DQR	**0.006**	MCL
Arsenic	7440-38-2	mg/L	20	13	0.000902 J	0.0069	0.001846		**0.0069**	Non-Parametric (1-of-2)	**0.01**	MCL
Barium	7440-39-3	mg/L	19	19	0.00831	0.113	0.04457		**0.1037**	Parametric (Normal, 1-of-2)	**2**	MCL
Beryllium	7440-41-7	mg/L	19	1	0.000195 J	0.0005 (1/2 RL)	0.0004839	J-Flagged Only	**0.001 (RL)**	DQR	**0.004**	MCL
Chromium	7440-47-3	mg/L	19	2	0.00131 J	0.01 (1/2 RL)	0.002841	J-Flagged Only	**0.005 (RL)**	DQR	**0.1**	MCL
Cobalt	7440-48-4	mg/L	20	18	0.000072 J	0.0129	0.003902		**0.0129**	Non-Parametric (1-of-2)	**0.0021**	SS
Copper	7440-50-8	mg/L	19	3	0.000705 J	0.00319 J	0.00243	J-Flagged Only	**0.005 (RL)**	DQR	**1.3**	MCL
Iodomethane	74-88-4	ug/L	19	1	5.0 (1/2 RL)	25.0 (1/2 RL)	6.299	J-Flagged Only	**10.0 (RL)**	DQR	**N/A**	N/A
Lead	7439-92-1	mg/L	18	1	0.00025 (1/2 RL)	0.002 (1/2 RL)	0.0003486	J-Flagged Only	**0.0005 (RL)**	DQR	**0.01**	MCL
Methylene Chloride	75-09-2	ug/L	18	3	0.298 J	2.5 (1/2 RL)	2.167	J-Flagged Only	**5.00 (RL)**	DQR	**5**	MCL
Nickel	7440-02-0	mg/L	20	15	0.000967 J	0.00971	0.004394		**0.01066**	Parametric (Normal, 1-of-2)	**0.1**	SS
Silver	7440-22-4	mg/L	19	2	0.000144 J	0.01 (1/2 RL)	0.0009787	J-Flagged Only	**0.001 (RL)**	DQR	**0.1**	SS
Total Suspended Solids	TSS	mg/L	21	17	1 J	91	17.45		**N/A**	N/A	**N/A**	N/A
Zinc	7440-66-6	mg/L	19	3	0.005 (1/2 RL)	0.0163 J	0.01006	J-Flagged Only	**0.02 (RL)**	DQR	**2**	SS

Table 7
Background and GWPS Summary
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Cedar Rapids Linn County Solid Waste Agency Site 2
Permit No. 57-SDP-01-72P

Constituent [1]	CAS #	Units	Samples	Detections [2]	Min [3]	Max [3]	Mean [3]	Note	Background Level	Statistical Test	GWPS	Source [4]
Intrawell Background/GWPS (Apr. 2018 - Sep. 2024) - GU-O												
Arsenic	7440-38-2	mg/L	10	10	0.00171 J	0.00455	0.002649		**0.005158**	Parametric (Normal, 1-of-2)	**0.01**	MCL
Barium	7440-39-3	mg/L	10	10	0.165	0.372	0.3129		**0.372**	Non-Parametric (1-of-2)	**2**	MCL
Cadmium	7440-43-9	mg/L	10	1	0.00005 (1/2 RL)	0.00025 (1/2 RL)	0.0000923	J-Flagged Only	**0.0002 (RL)**	DQR	**0.005**	MCL
Cobalt	7440-48-4	mg/L	10	7	0.00025 (1/2 RL)	0.00115	0.0004278		**0.001564**	Parametric (Lognormal, 1-of-2)	**0.0021**	SS
Copper	7440-50-8	mg/L	10	1	0.00184 J	0.0025 (1/2 RL)	0.002434	J-Flagged Only	**0.005 (RL)**		**1.3**	MCL
Methylene Chloride	75-09-2	ug/L	10	1	0.343 J	2.5 (1/2 RL)	2.284	J-Flagged Only	**5.00 (RL)**	DQR	**5**	MCL
Total Suspended Solids	TSS	mg/L	10	10	18.3	34.9	26.22		**N/A**	N/A	**N/A**	N/A
Vinyl Chloride	75-01-4	ug/L	10	4	0.251 J	0.5 (1/2 RL)	0.4352	J-Flagged Only	**1.00 (RL)**	DQR	**2**	MCL
Zinc	7440-66-6	mg/L	10	1	0.01	0.0267	0.01167		**0.02 (RL)**	DQR [6]	**2**	SS
Intrawell Background/GWPS (Feb. 2022 - Sep. 2024) - GU-P												
Arsenic	7440-38-2	mg/L	8	8	0.00175 J	0.00309	0.002354		**0.004019**	Parametric (Normal, 1-of-2)	**0.01**	MCL
Barium	7440-39-3	mg/L	9	9	0.267	0.325	0.299		**0.3526**	Parametric (Normal, 1-of-2)	**2**	MCL
Cadmium	7440-43-9	mg/L	8	1	0.00005 (1/2 RL)	0.000102 J	0.00007525	J-Flagged Only	**0.0002 (RL)**	DQR	**0.005**	MCL
Chromium	7440-47-3	mg/L	8	1	0.00117 J	0.0025 (1/2 RL)	0.002334	J-Flagged Only	**0.005 (RL)**	DQR	**0.1**	MCL
Cobalt	7440-48-4	mg/L	8	8	0.000427 J	0.0013	0.0008556		**0.002072**	Parametric (Normal, 1-of-2)	**0.0021**	SS
Lead	7439-92-1	mg/L	8	1	0.00025 (1/2 RL)	0.000526	0.0002845		**0.000526**	Non-Parametric (1-of-2)	**0.01**	MCL
Nickel	7440-02-0	mg/L	8	1	0.00199 J	0.0025 (1/2 RL)	0.002436	J-Flagged Only	**0.005 (RL)**	DQR	**0.1**	SS
Selenium	7782-49-2	mg/L	8	1	0.00212 J	0.0025 (1/2 RL)	0.002452	J-Flagged Only	**0.005 (RL)**	DQR	**0.05**	MCL
Total Suspended Solids	TSS	mg/L	10	10	5.33	56.5	17.53		**N/A**	N/A	**N/A**	N/A
Vanadium	7440-62-2	mg/L	8	1	0.00173 J	0.0025 (1/2 RL)	0.002404	J-Flagged Only	**0.005 (RL)**	DQR	**0.035**	SS
Intrawell Background/GWPS (Mar. 2021 - Sep. 2024) [5] - MW-501												
Antimony	7440-36-0	mg/L	8	1	0.001 (1/2 RL)	0.00191 J	0.001114	J-Flagged Only	**0.002 (RL)**	DQR	**0.006**	MCL
Arsenic	7440-38-2	mg/L	8	5	0.001 (1/2 RL)	0.0126	0.003408		**0.0126**	Non-Parametric (1-of-2)	**0.0126**	Background
Barium	7440-39-3	mg/L	8	8	0.018	0.0541	0.0398		**0.08662**	Parametric (Normal, 1-of-2)	**2**	MCL
Beryllium	7440-41-7	mg/L	7	1	0.000274 J	0.0005 (1/2 RL)	0.0004677	J-Flagged Only	**0.001 (RL)**	DQR	**0.004**	MCL
Cadmium	7440-43-9	mg/L	8	5	0.00005 (1/2 RL)	0.000314	0.0001215		**0.0004288**	Parametric (Normal, 1-of-2)	**0.005**	MCL
Chloromethane	74-87-3	ug/L	8	1	0.738 J	1.5 (1/2 RL)	0.405	J-Flagged Only	**3.00 (RL)**	DQR	**N/A**	N/A
Cobalt	7440-48-4	mg/L	8	8	0.00363	0.0131	0.006415		**0.01827**	Parametric (Normal, 1-of-2)	**0.01714**	Background
Copper	7440-50-8	mg/L	8	1	0.00186 J	0.0025 (1/2 RL)	0.00242	J-Flagged Only	**0.005 (RL)**	DQR	**1.3**	MCL
Lead	7439-92-1	mg/L	8	2	0.00025 (1/2 RL)	0.00234	0.0005594		**0.00234**	Non-Parametric (1-of-2)	**0.01**	MCL
Nickel	7440-02-0	mg/L	8	8	0.00576	0.0415	0.01368		**0.0415**	Non-Parametric (1-of-2)	**0.1**	SS
Total Suspended Solids	TSS	mg/L	8	7	6.63	72	23.00		**N/A**	N/A	**N/A**	N/A
Vanadium	7440-62-2	mg/L	7	1	0.0011 J	0.0025 (1/2 RL)	0.0023	J-Flagged Only	**0.005 (RL)**	DQR	**0.035**	SS
Zinc	7440-66-6	mg/L	8	1	0.00864 J	0.0255	0.01177		**0.02 (RL)**	DQR [6]	**2**	SS
Interwell Background/GWPS (Apr. 2015 - Aug. 2025) - Downgradient and Delineation Monitoring Locations												
Acetone	67-64-1	ug/L	39	1	4.08 J	5.0 (1/2 RL)	4.976	J-Flagged Only	**10.0 (RL)**	DQR	**6,300**	SS
Antimony	7440-36-0	mg/L	36	15	0.000373 J	0.0023	0.0009589		**0.0023**	Non-Parametric (1-of-2)	**0.006**	MCL
Arsenic	7440-38-2	mg/L	37	32	0.000538 J	0.00866	0.001623		**0.00866**	Non-Parametric (1-of-2)	**0.01**	MCL

Table 7
Background and GWPS Summary
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Cedar Rapids Linn County Solid Waste Agency Site 2
Permit No. 57-SDP-01-72P

Constituent [1]	CAS #	Units	Samples	Detections [2]	Min [3]	Max [3]	Mean [3]	Note	Background Level	Statistical Test	GWPS	Source [4]
Interwell Background/GWPS (Apr. 2015 - Aug. 2025) Continued - Downgradient and Delineation Monitoring Locations												
Barium	7440-39-3	mg/L	37	37	0.0387	0.575	0.2815		**0.575**	Non-Parametric (1-of-2)	**2**	MCL
Beryllium	7440-41-7	mg/L	36	2	0.00006 J	0.0005 (1/2 RL)	0.0004878	J-Flagged Only	**0.001 (RL)**	DQR	**0.004**	MCL
Bromomethane	74-83-9	ug/L	40	1	0.286 J	2.5 (1/2 RL)	1.97	J-Flagged Only	**4.00 (RL)**	DQR	**10**	SS
Cadmium	7440-43-9	mg/L	24	1	0.00005 (1/2 RL)	0.0001 (1/2 RL)	0.00007354	J-Flagged Only	**0.0002 (RL)**	DQR	**0.005**	MCL
Carbon Disulfide	75-15-0	ug/L	39	1	0.18 J	0.5 (1/2 RL)	0.4918	J-Flagged Only	**1.00 (RL)**	DQR	**700**	SS
Chloroform	67-66-3	ug/L	40	1	0.293 J	1.5 (1/2 RL)	1.32	J-Flagged Only	**3.00 (RL)**	DQR	**80**	SS
Chromium	7440-47-3	mg/L	37	3	0.00207 J	0.01 (1/2 RL)	0.002705	J-Flagged Only	**0.005 (RL)**	DQR	**0.1**	MCL
Cobalt	7440-48-4	mg/L	37	28	0.000104 J	0.00243	0.0004537		**0.00243**	Non-Parametric (1-of-2)	**0.00243/ 0.00631**	Background
Copper	7440-50-8	mg/L	34	7	0.00183 J	0.00322	0.002475		**0.00322**	Non-Parametric (1-of-2)	**1.3**	MCL
Di-n-octylphthalate	117-84-0	ug/L	3	1	1.66 J	10.3 (1/2 RL)	7.353	J-Flagged Only	**20.6 (RL)**	DQR	**140**	SS
Endosulfan I	959-98-8	ug/L	8	1	0.00226 J	0.0174 (1/2 RL)	0.01476	J-Flagged Only	**0.033 (RL)**	DQR	**42**	SS
Heptachlor	76-44-8	ug/L	13	1	0.00268 J	0.0478 (1/2 RL)	0.02954	J-Flagged Only	**0.0938 (RL)**	DQR	**0.4**	MCL
Lead	7439-92-1	mg/L	37	13	0.000211 J	0.00687	0.0005724		**0.00687**	Non-Parametric (1-of-2)	**0.01**	MCL
m/p-Cresol	15831-10-4	ug/L	3	1	0.962 J	5.2 (1/2 RL)	3.771	J-Flagged Only	**10.3 (RL)**	DQR	**70**	SS
Methylene Chloride	75-09-2	ug/L	40	2	0.202 J	5.0 (1/2 RL)	2.451	J-Flagged Only	**5.00 (RL)**	DQR	**5**	MCL
Nickel	7440-02-0	mg/L	35	8	0.00103 J	0.00508	0.002569		**0.00508**	Non-Parametric (1-of-2)	**0.1**	SS
Selenium	7782-49-2	mg/L	33	3	0.000965 J	0.025 (1/2 RL)	0.002346	J-Flagged Only	**0.005 (RL)**	DQR	**0.05**	MCL
Sulfide	18496-25-8	mg/L	33	1	0.1 (1/2 RL)	5.0 (1/2 RL)	0.7601	J-Flagged Only	**1.00 (RL)**	DQR	**N/A**	N/A
Thallium	7440-28-0	mg/L	35	4	0.000059 J	0.001 (1/2 RL)	0.0004903	J-Flagged Only	**0.001 (RL)**	DQR	**0.002**	MCL
Tin	7440-31-5	mg/L	8	1	0.000731 J	0.05 (1/2 RL)	0.008216	J-Flagged Only	**0.005 (RL)**	DQR	**4.2**	SS
Total Suspended Solids [7]	TSS	mg/L	36	36	0.875 J	48	16.12		**N/A**	N/A	**N/A**	N/A
Vanadium	7440-62-2	mg/L	36	6	0.000981 J	0.0025 (1/2 RL)	0.002339	J-Flagged Only	**0.005 (RL)**	DQR	**0.035**	SS
Xylenes, Total	1330-20-7	ug/L	39	2	0.42 J	1.5 (1/2 RL)	1.447	J-Flagged Only	**3.00 (RL)**	DQR	**10,000**	MCL
Zinc	7440-66-6	mg/L	34	3	0.005 (1/2 RL)	0.02	0.01024		**0.02**	Non-Parametric (1-of-2)	**2**	SS

Comments:
DQR = Double Quantification Rule
GWP = Groundwater Protection Standard
MCL = Maximum Contaminant Level
mg/L = milligrams per liter
N/A = not applicable
SS = Statewide Standard
ug/L = micrograms per liter

[1] List contains constituents detected above the laboratory minimum detection limit (MDL) in the intrawell and interwell background data sets after data set adjustments detailed in the Appendix B statistical memorandums were conducted. Background data set adjustments are listed as crossed-out concentrations in Table 20 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 reporting limit [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.

Table 7
Background and GWPS Summary
2025 Annual Water Quality Report
Cedar Rapids Linn County Solid Waste Agency Site 2
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Comments Continued:

(4) Sources are either the Maximum Contaminant Level promulgated under Section 1412 of the Safe Drinking Water Act in 40 Code of Federal Regulations (CFR) Part 141 (MCL) or the 567 Iowa Administrative Code (IAC) Chapter 137 Statewide Standards for a Protected Groundwater Source (SS). If background is higher than the MCL or SS, the Groundwater Protection Standard (GWPS) is background. Two site-specific background GWPS values are utilized for cobalt depending on the geologic formation of the screened interval and location of the monitoring well. Details are provided below. N/A = not applicable; constituent does not have a MCL or SS and using background as the GWPS is not applicable.

(5) The intrawell background for MW-501 consists of the Mar. 2021 through Apr. 2023 and Sep. 2024 data (i.e., excludes the Oct. 2023, Apr. 2024, and May 2024 events with elevated total suspended solids [TSS]). Details regarding intrawell background at MW-501 were provided in the *Spring 2025 Statistical Notifications* (Foth, 2025b).

(6) Zinc in GU-O and MW-501 is compared to background using the DQR even though there is at least one detection above the RL in the intrawell background for GU-O and MW-501. When intrawell background is updated for GU-O and MW-501, zinc will be evaluated for determining whether to continue double quantification rule (DQR) methodology or to change to intrawell prediction limit methods.

(7) The Oct. 2021, Oct. 2022, and Apr. 2023 total suspended solids data in MW-201B were not included. As detailed in the Spring 2025 statistical evaluation in Appendix B, the Oct. 2021, Oct. 2022, and Apr. 2023 metals concentrations in MW-201B were removed due to elevated TSS. Since the metals data were removed, the corresponding TSS data from these three events has not been evaluated in this table.

• Volatile organic compound (VOC) detections above the practical quantitation limit (PQL) were identified at GU-1 for acetone (Mar. 2017, Jun. 2017, Oct. 2017, Mar. 2019, Oct. 2021) and benzene (Oct. 2015 and Oct. 2021). Since VOCs are considered "never detected" constituents, acetone and benzene were not added as prediction limit constituents. Acetone and benzene results in GU-1 continue to be evaluated using the DQR.

• As detailed in the Appendix B statistical reports, the previously approved downgradient and background data set adjustments due to switching from high-volume to low-flow or no-purge sampling, outliers, changing or elevated RLs, and turbidity were maintained and are listed as crossed-out concentrations in Table 20.

• Intrawell prediction limits were used to evaluate statistically significant increases (SSIs) over background for analytes detected above the RL in GU-1, GU-L, GU-O, GU-P, and MW-501. The justification for using intrawell methods was provided in the approved *Hydrologic Monitoring System Plan* (HDR, 2021). During the Spring 2025 statistical evaluation, intrawell background was updated, with details provided in Appendix B. Non-parametric Wilcoxon rank-sum tests and prediction limits were utilized to determine if the intrawell background data sets could be updated. Except as noted below, the results did not identify statistical differences between the existing intrawell background data set and the results to be added to the intrawell background data sets. At MW-501, total suspended solids (TSS) concentrations were elevated during the Oct. 2023, Apr. 2024, and May 2024 sampling events, and a correlation between TSS and metal concentrations was evident. Therefore, the Oct. 2023, Apr. 2024, and May 2024 results at MW-501 were not used to update the intrawell background data set. The removed Oct. 2023, Apr. 2024, and May 2024 metals data in MW-501 are listed as crossed-out concentrations in Table 20 and were removed from the intrawell background data set prior to conducting statistical analyses. The updated intrawell background data sets used during the Spring and Fall 2025 statistical evaluations consisted of:

  • GU-1: Oct. 2015 through Sep. 2024 arsenic, barium, cobalt, lead, nickel, and zinc.
  • GU-L: Oct. 2015 through Sep. 2024 arsenic, barium, cobalt, and nickel.
  • GU-O: Apr. 2018 through Sep. 2024 arsenic, barium, and cobalt.
  • GU-P: Feb. 2022 through Sep. 2024 arsenic, barium, cobalt, and lead.
  • MW-501: Mar. 2021 through Apr. 2023 and Sep. 2024 arsenic, barium, cadmium, cobalt, lead, and nickel (i.e., excludes the Oct. 2023, Apr. 2024, and May 2025 events with elevated TSS).

• Intrawell background will be updated during the Spring 2027 statistical evaluation if there continue to be no SSIs identified at GU-1, GU-L, GU-O, GU-P, and MW-501.

• For the remaining downgradient and delineation monitoring locations, interwell prediction limits were used to evaluate SSIs over background for analytes detected above the RL in the combined MW-9AR and MW-201B data set. The following interwell background data set adjustments were recommended in 2025.

  • MW-201B was redeveloped in Feb. 2025, and allowed to stabilize and re-equilibrate for approximately 30 days before the Spring 2025 sampling event. Well development field notes indicated notable removal of suspended solids during surging and development of MW-201B. Post-development, the TSS concentration at MW-201B reduced to 3.5 milligrams per liter (mg/L) in Mar. 2025. Since redevelopment successfully reduced the TSS concentration at MW-201B, historical metal detections were reviewed for potential impact due to elevated TSS. For most of the detected metals at MW-201B, some correlation was evident when TSS concentrations were greater than 100 mg/L (i.e., in Oct. 2021, Oct. 2022, and Apr. 2023), indicating TSS concentrations likely impacted the metals results during these events. Therefore, the Oct. 2021, Oct. 2022, and Apr. 2023 metals concentrations in MW-201B were removed from background and are listed as a crossed-out concentrations in Table 20.

• With cobalt, the concentrations in the interwell background data set exceeded the 567 IAC Chapter 137 Statewide Standard. Therefore, pursuant to 567 IAC 113.10(6)h, the GWPS for cobalt is taken as background and evaluated with the statistical methods described in Attachment 1 of the Fall 2025 statistical evaluation (provided in Appendix B) and as recommended in the *Unified Guidance* (USEPA, 2009). Two site-specific background GWPS values are utilized for cobalt depending on the geologic formation of the screened interval and location of the monitoring well.

  • For wells screened in erosion surface or weathered/unweathered glacial till and not located in the Indian Creek floodplain, the confidence limit is compared to the combined MW-9AR and MW-201B background upper tolerance limit with 95% confidence and 95% coverage (discussed in detail in the Fall 2025 statistical evaluation in Appendix B). Cobalt Background GWPS = 0.00243 mg/L.

Table 7
Background and GWPS Summary
2025 Annual Water Quality Report
Cedar Rapids Linn County Solid Waste Agency Site 2
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Comments Continued:

- For wells screened in alluvium and located in the Indian Creek floodplain, the Iowa Department of Natural Resources (IDNR) approved a site-specific cobalt GWPS of 0.00631 mg/L in the letter dated December 23, 2024 (IDNR, 2024). This value was based on the May 2024 cobalt concentration in MW-213A. As listed in Table 2, monitoring for the Appendix I list was continued at MW-213A in Sep. 2024, Mar. 2025, and Aug. 2025; however, those results were not included in background at this time. While an interwell tolerance limit with 95% confidence and 95% coverage can be calculated using the four MW-213A background results collected, additional background samples are recommended. Once 8 samples are collected from MW-213A, consideration will be given to calculating an interwell tolerance limit with the MW-213A background data to update the site-specific background GWPS for wells screened in alluvium and located in the Indian Creek floodplain.

- The DQR was used to evaluate SSIs over background for the remaining Appendix I and II constituents (i.e., constituents not evaluated using intrawell or interwell predictions limits).

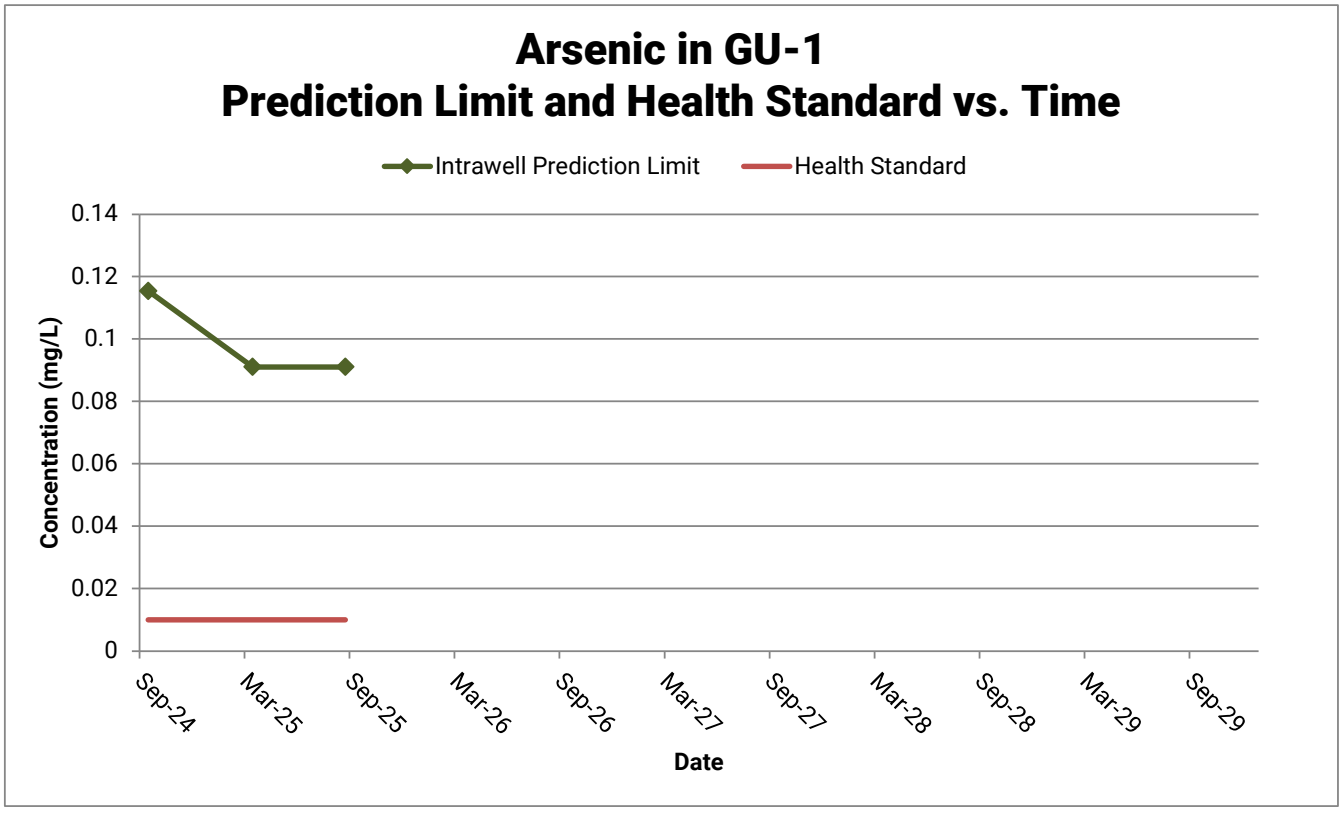
Summary of Intrawell Prediction Limits and Health Standards
2025 Annual Water Quality Report
Cedar Rapids Linn County Solid Waste Agency Site 2
Permit No. 57-SDP-01-72P

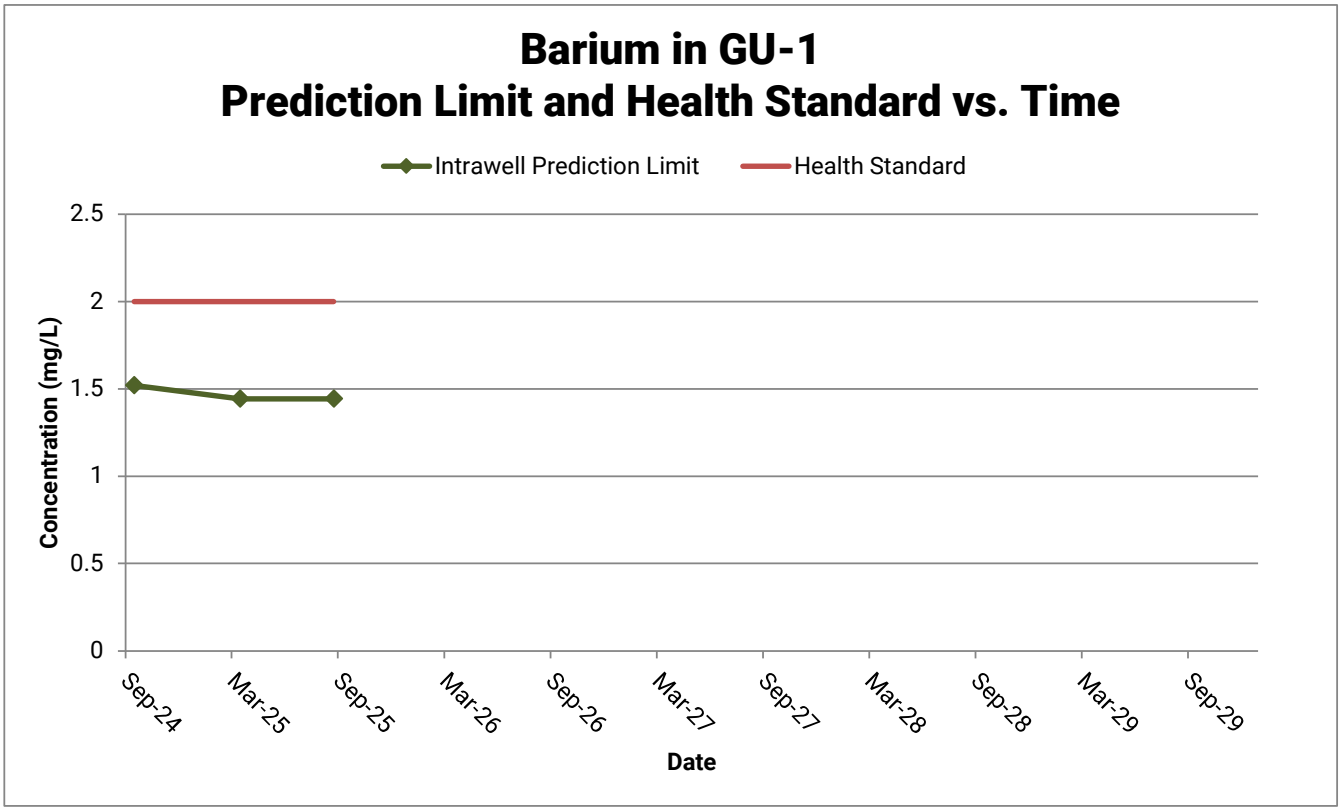
Comments:

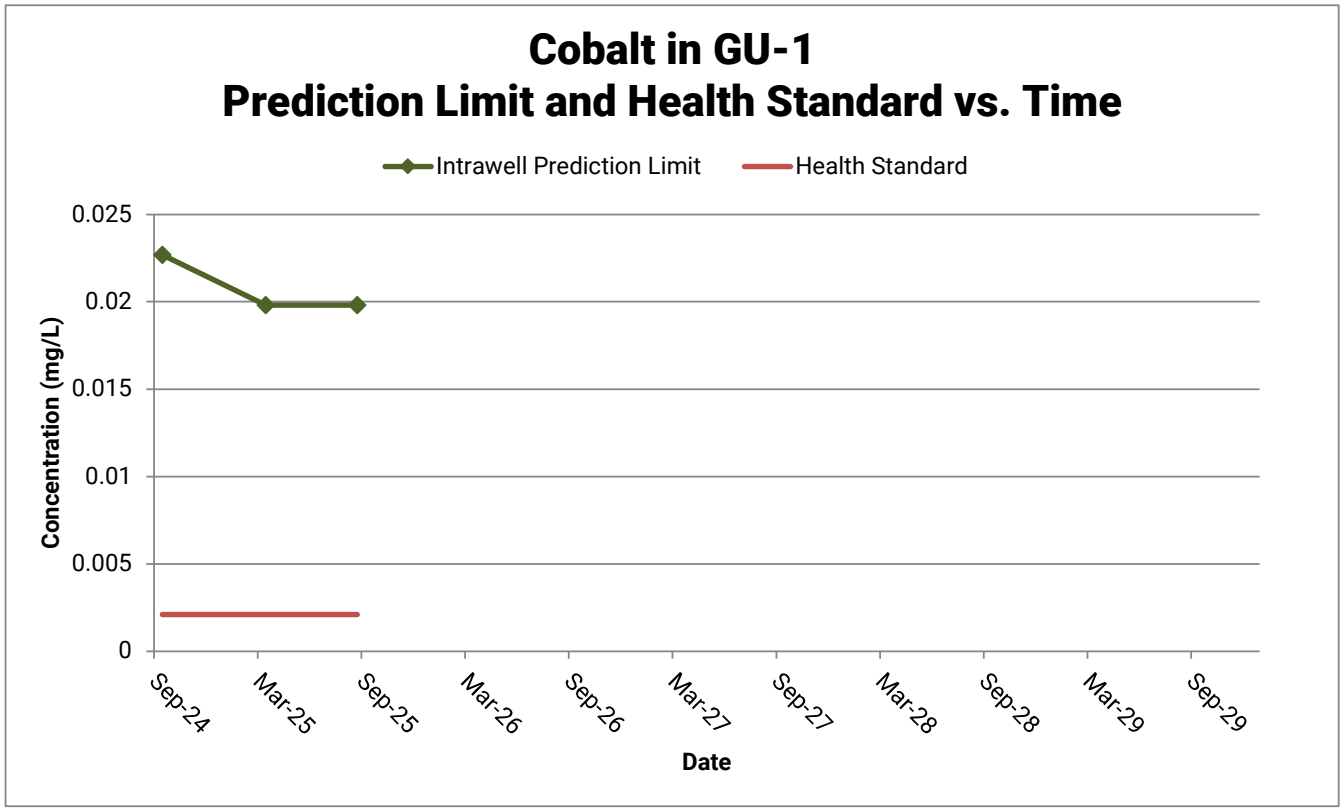
• The following graphs compare the intrawell prediction limits for GU-1, GU-L, GU-O, GU-P, and MW-501 to health standards starting with the Fall 2024 statistical evaluation.

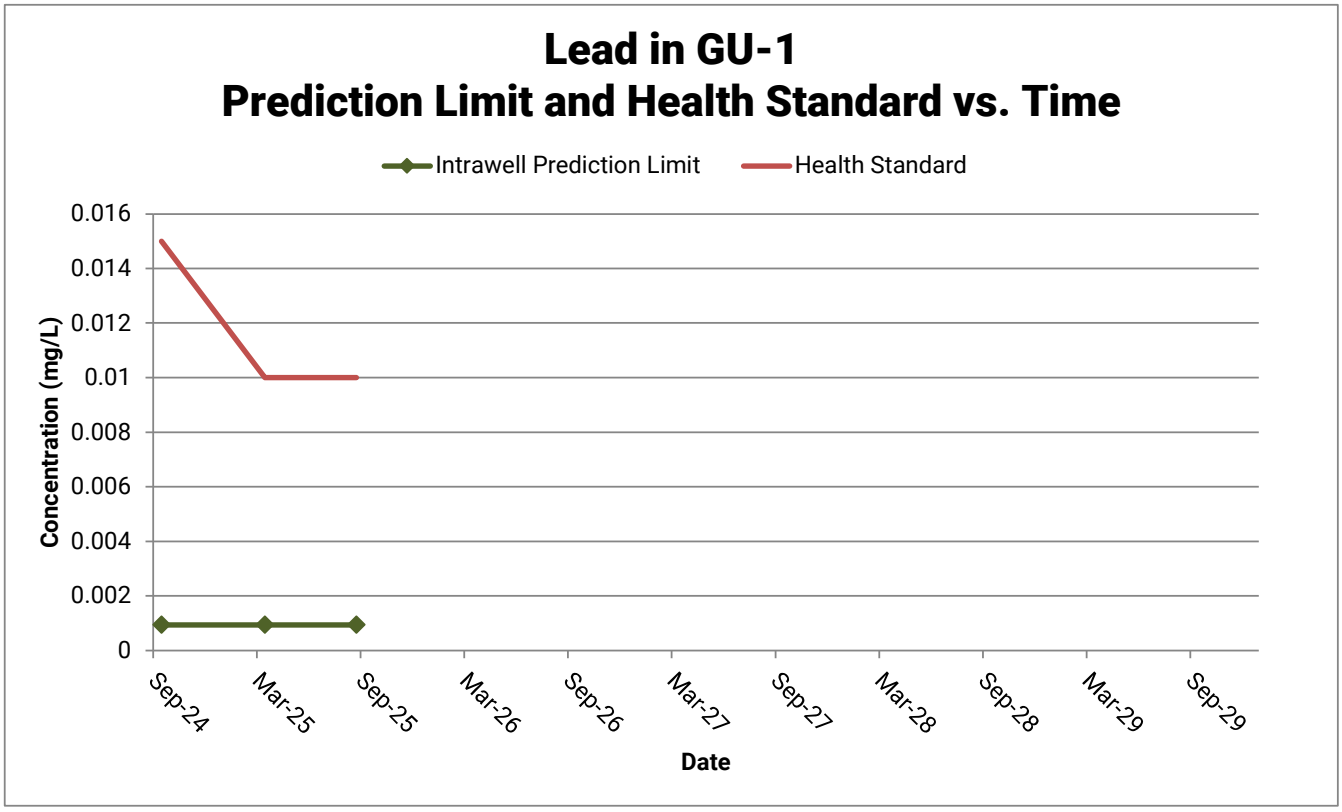
• The sources of the background and health standards are presented in Table7.

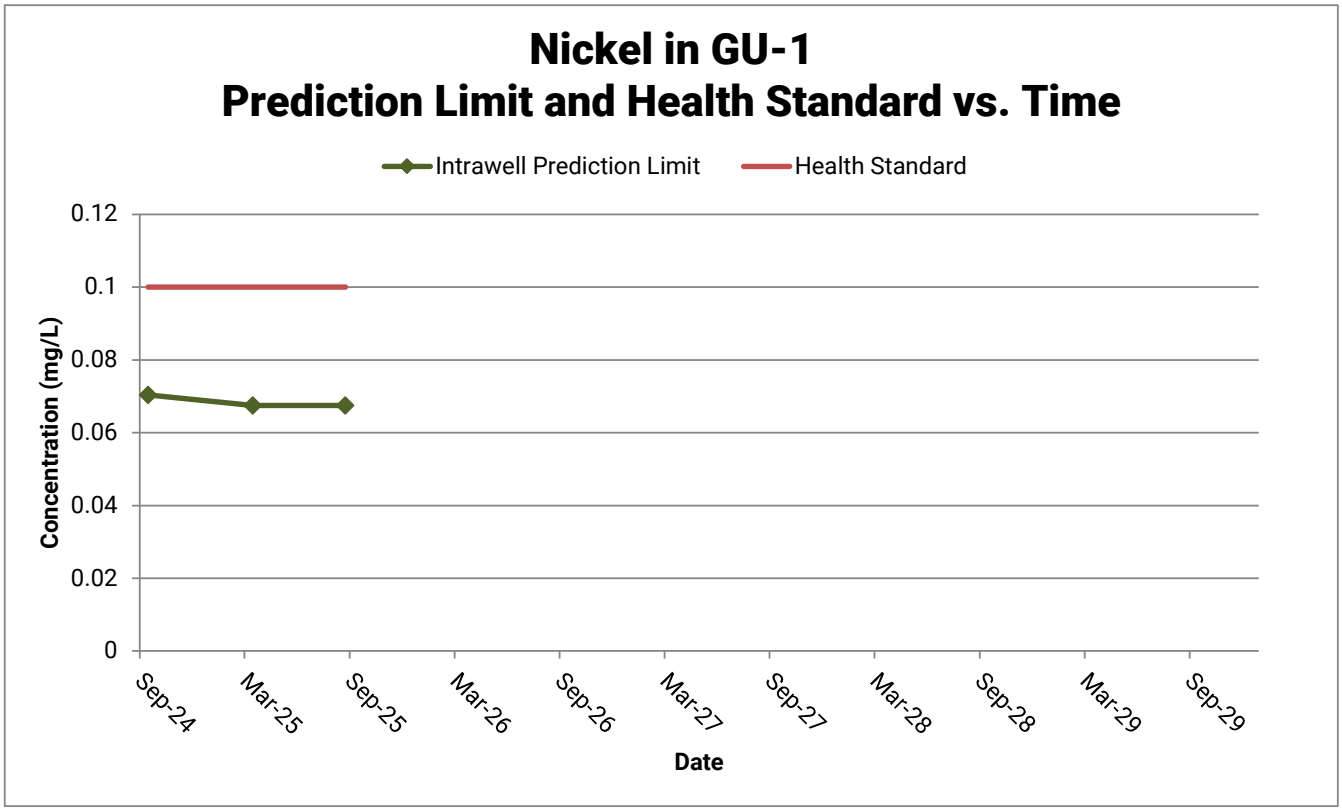
• As discussed in Table 7, intrawell background was updated during the Spring 2025 statistical evaluation (provided in Appendix B). Intrawell background is not updated semiannually. Section 5.3.2 of the Unified Guidance (USEPA, 2009) recommends that the intrawell background data set be updated periodically, after 4 to 8 new compliance observations have been collected. The next intrawell background update will be conducted during the Spring 2027 statistical evaluation if there continue to be no statistically significant increases (SSIs) identified at GU-1, GU-L, GU-O, GU-P, and MW-501.

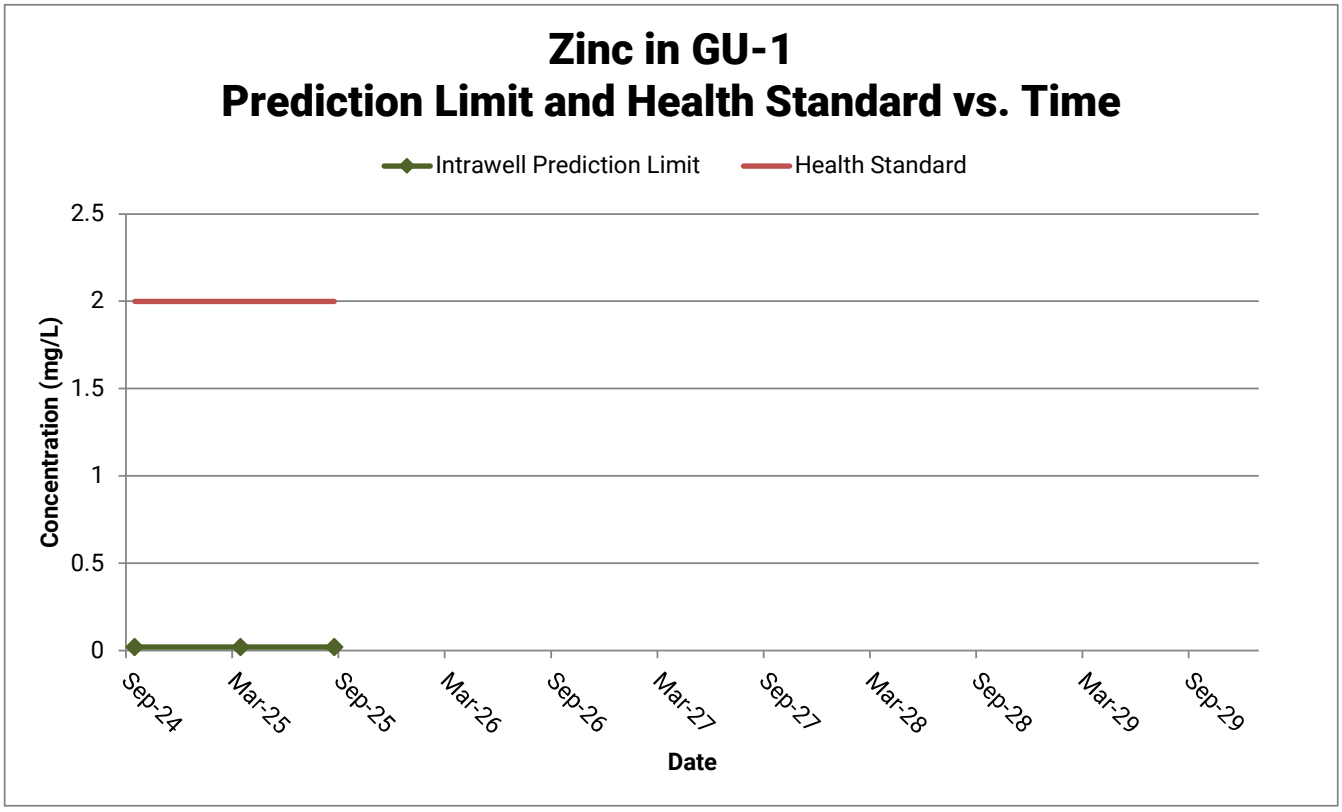


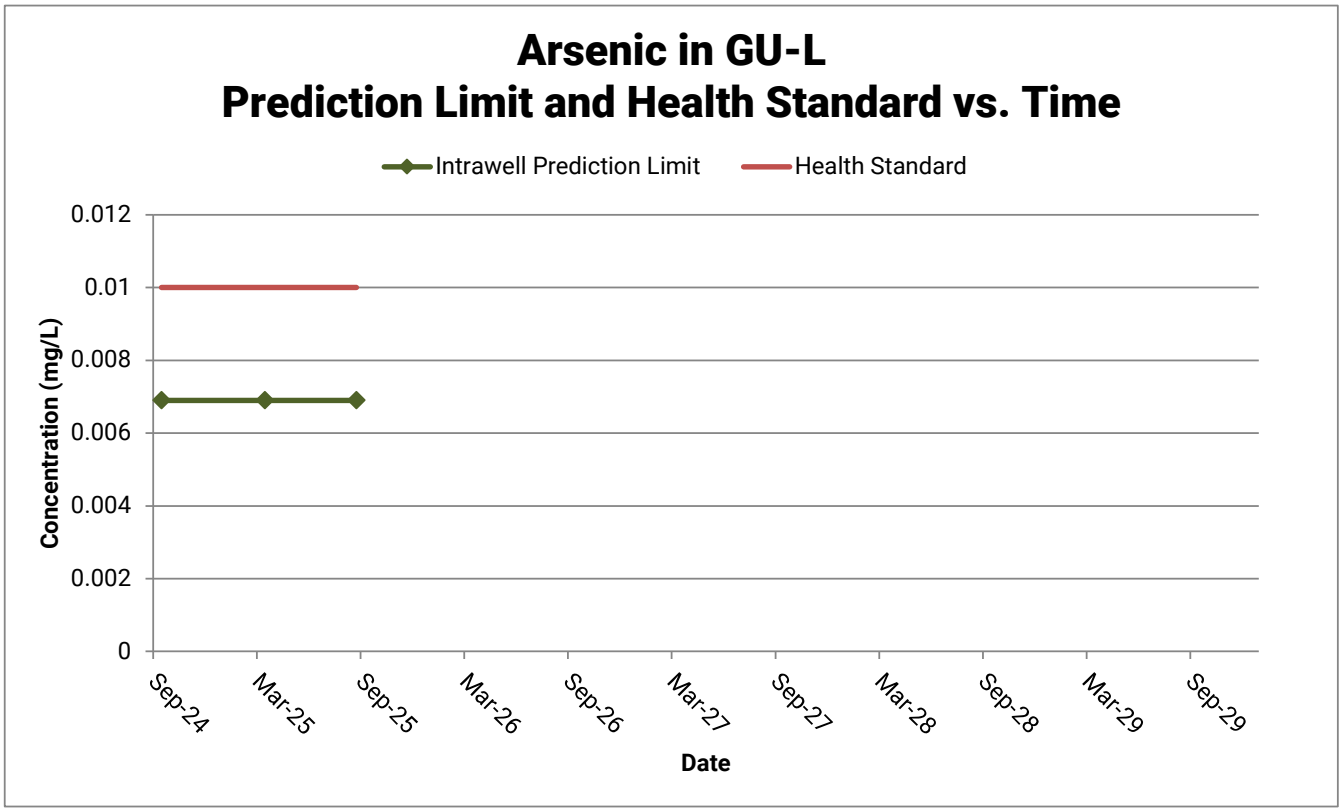

Barium in GU-1
Prediction Limit and Health Standard vs. Time
Intrawell Prediction Limit
Health Standard
Concentration (mg/L)
2.5
2
1.5
1
0.5
0
Sep-24
Mar-25
Sep-25
Mar-26
Sep-26
Mar-27
Sep-27
Mar-28
Sep-28
Mar-29
Sep-29
Date

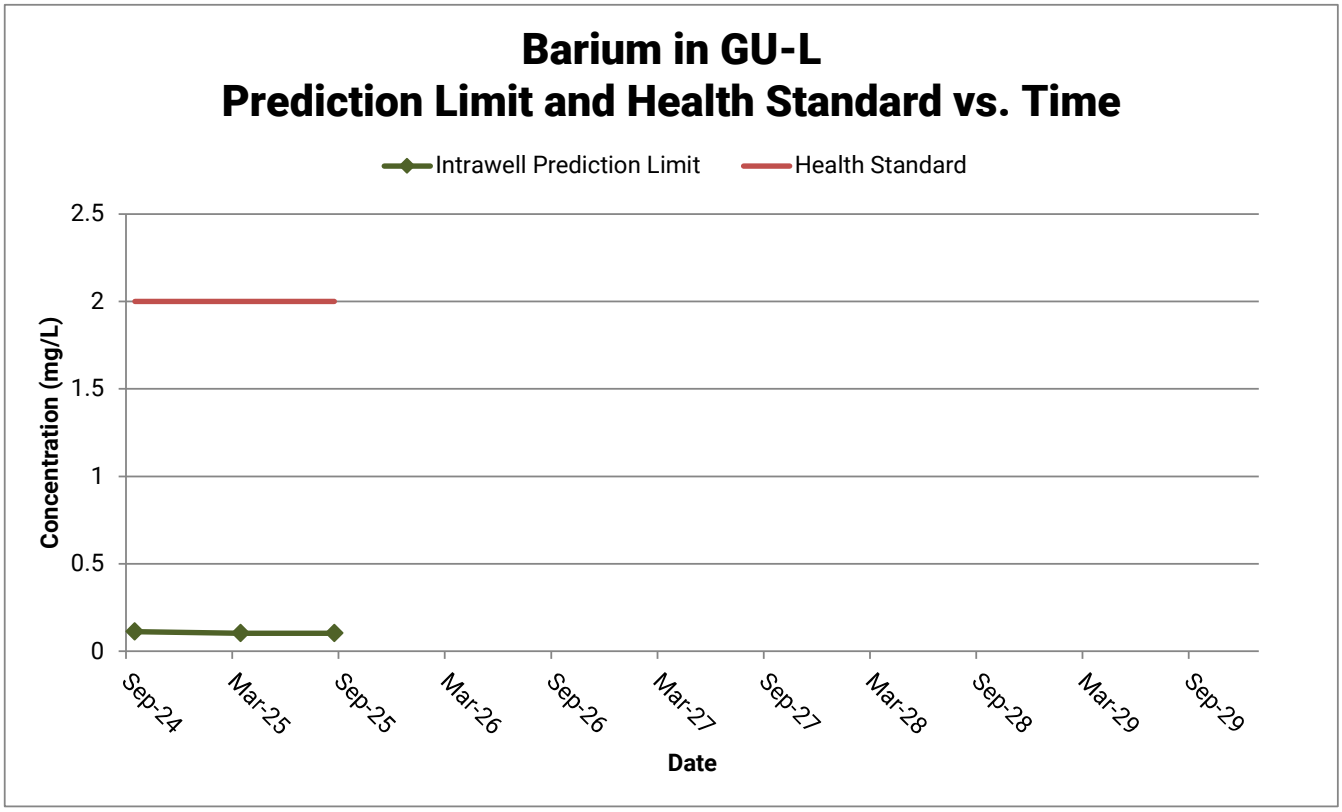

Cobalt in GU-1
Prediction Limit and Health Standard vs. Time
Intrawell Prediction Limit
Health Standard
Concentration (mg/L)
0.025
0.02
0.015
0.01
0.005
0
Sep-24
Mar-25
Sep-25
Mar-26
Sep-26
Mar-27
Sep-27
Mar-28
Sep-28
Mar-29
Sep-29
Date

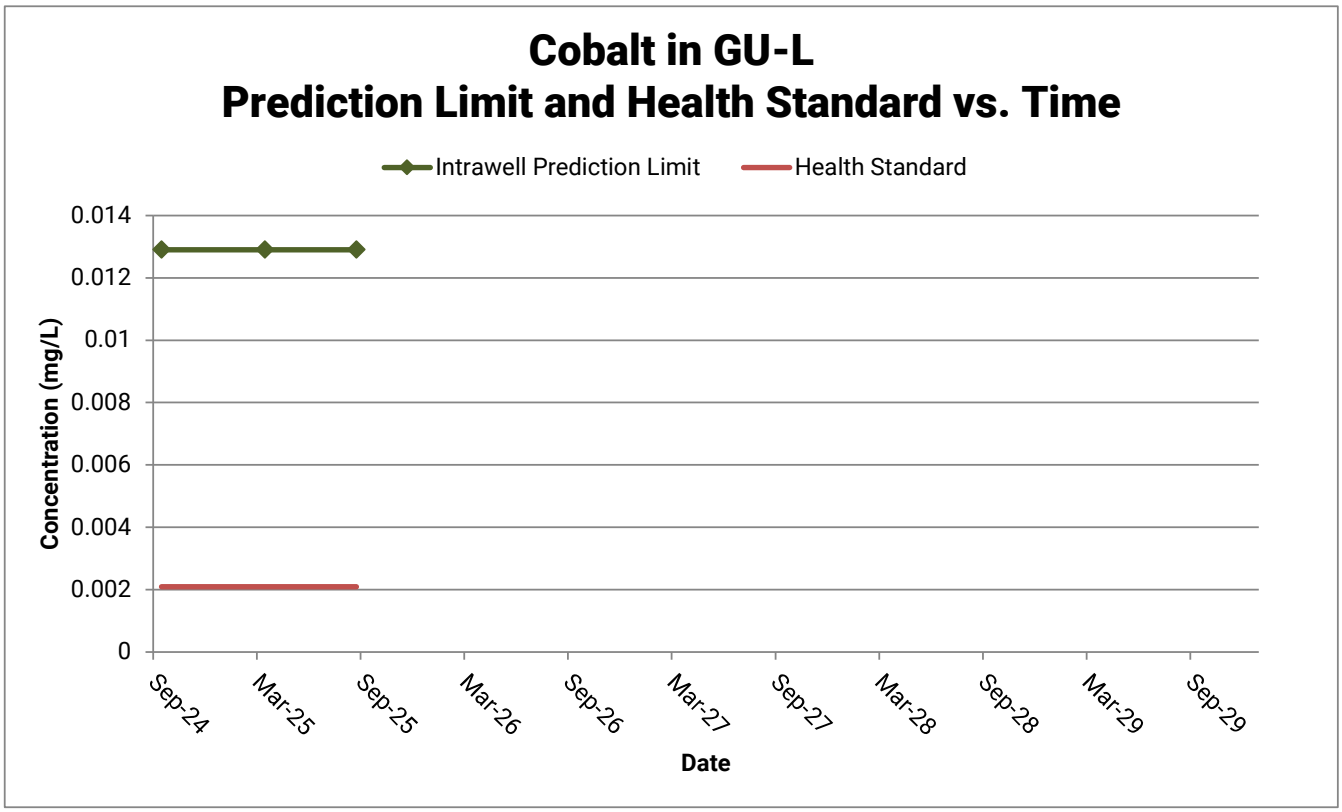

Lead in GU-1
Prediction Limit and Health Standard vs. Time
Intrawell Prediction Limit
Health Standard
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
Concentration (mg/L)
Sep-24
Mar-25
Sep-25
Mar-26
Sep-26
Mar-27
Sep-27
Mar-28
Sep-28
Mar-29
Sep-29
Date

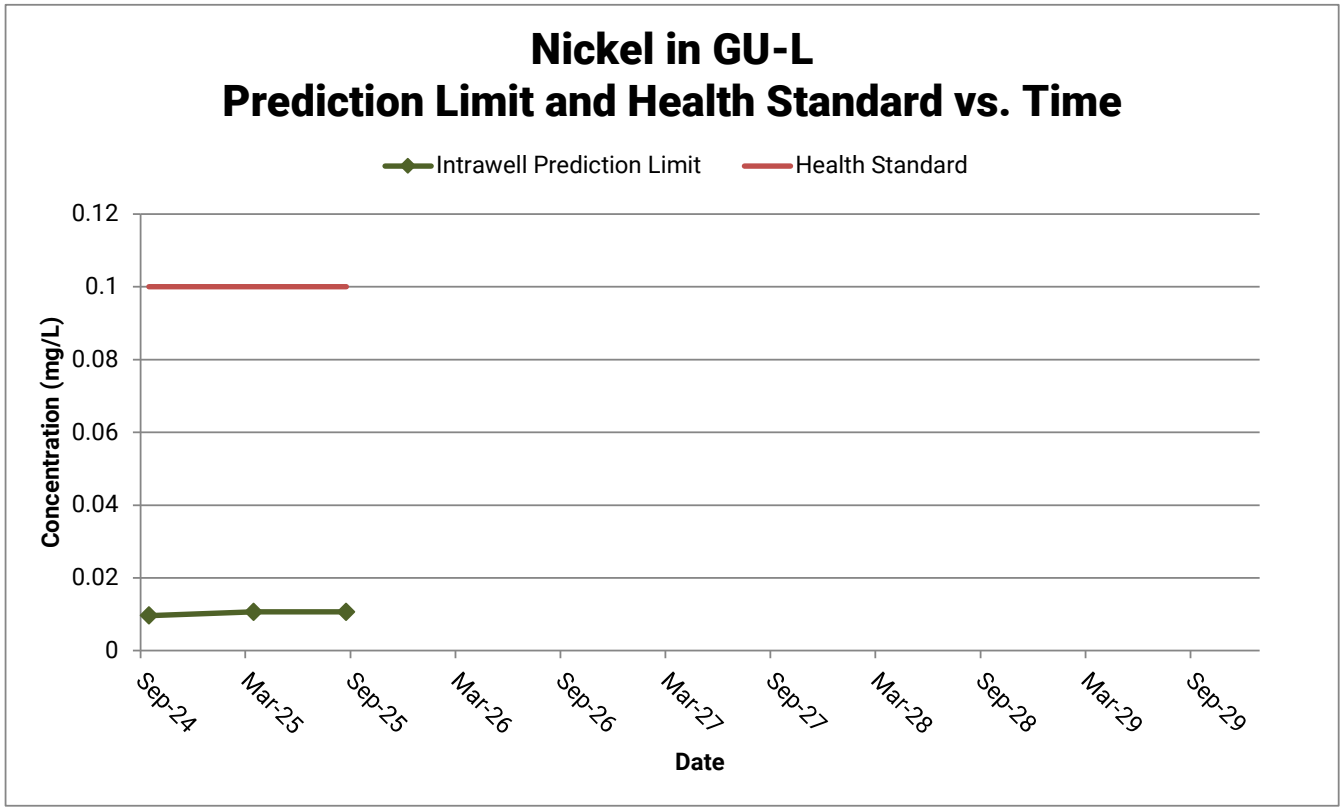

Nickel in GU-1
Prediction Limit and Health Standard vs. Time
Intrawell Prediction Limit
Health Standard
0.12
0.1
0.08
0.06
0.04
0.02
0
Concentration (mg/L)
Sep-24
Mar-25
Sep-25
Mar-26
Sep-26
Mar-27
Sep-27
Mar-28
Sep-28
Mar-29
Sep-29
Date

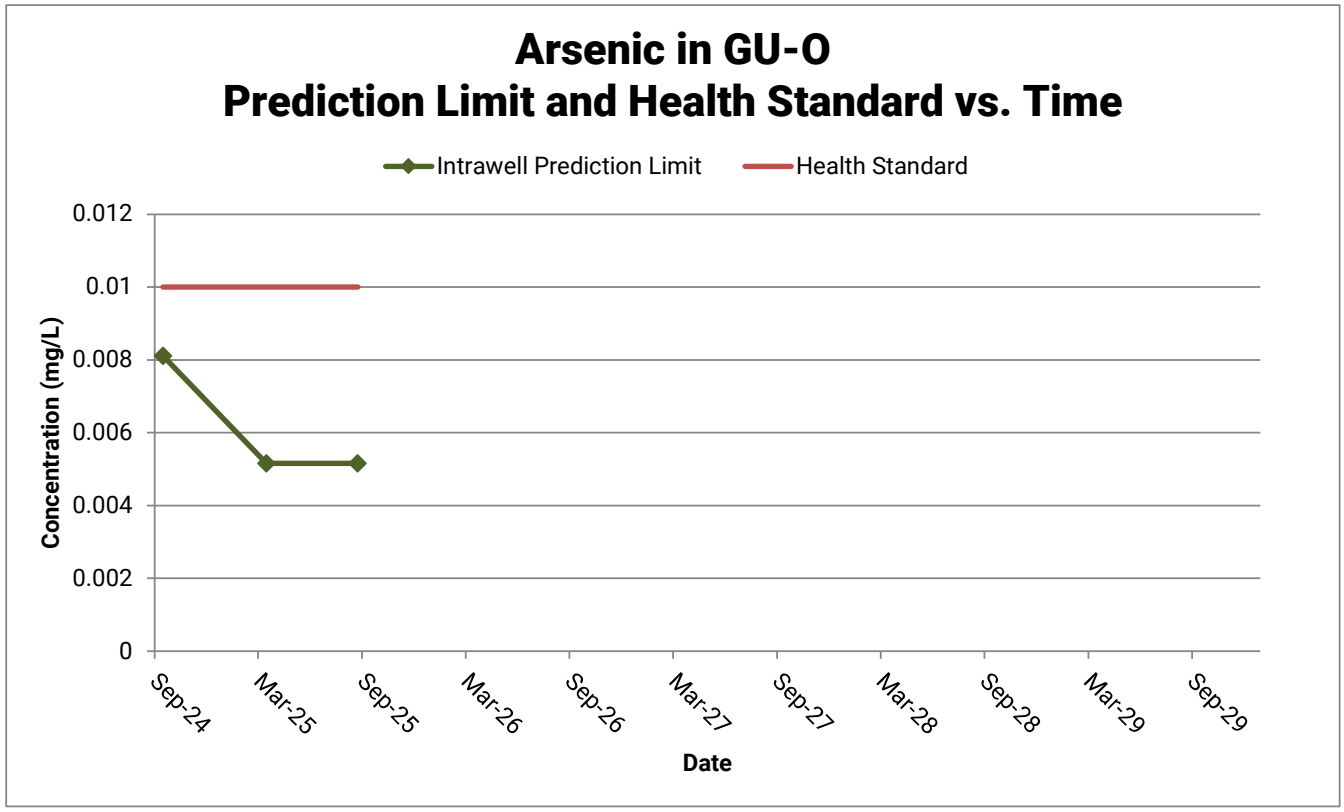

Zinc in GU-1
Prediction Limit and Health Standard vs. Time
Intrawell Prediction Limit
Health Standard
2.5
2
1.5
1
0.5
0
Concentration (mg/L)
Sep-24
Mar-25
Sep-25
Mar-26
Sep-26
Mar-27
Sep-27
Mar-28
Sep-28
Mar-29
Sep-29
Date

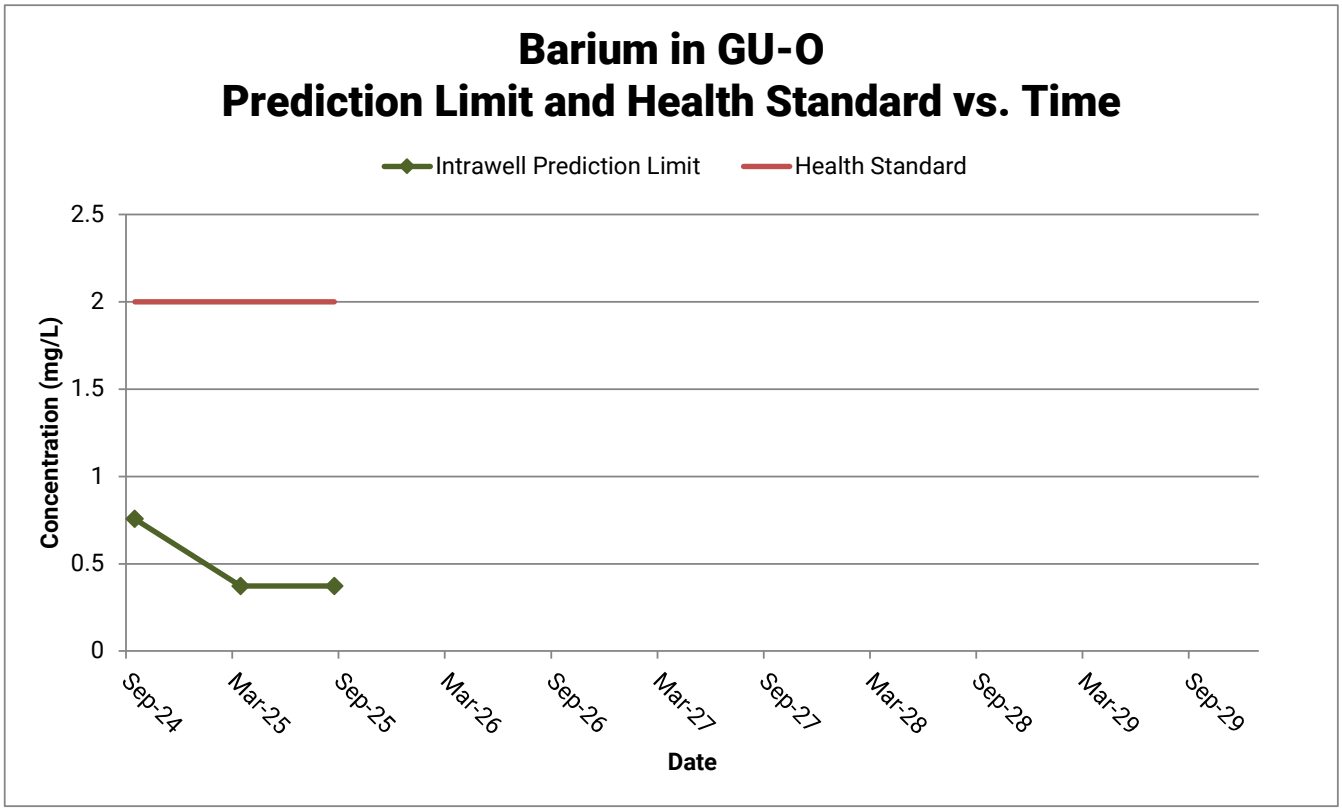

Arsenic in GU-L
Prediction Limit and Health Standard vs. Time
Intrawell Prediction Limit
Health Standard
0.012
0.01
0.008
0.006
0.004
0.002
0
Concentration (mg/L)
Sep-24
Mar-25
Sep-25
Mar-26
Sep-26
Mar-27
Sep-27
Mar-28
Sep-28
Mar-29
Sep-29
Date

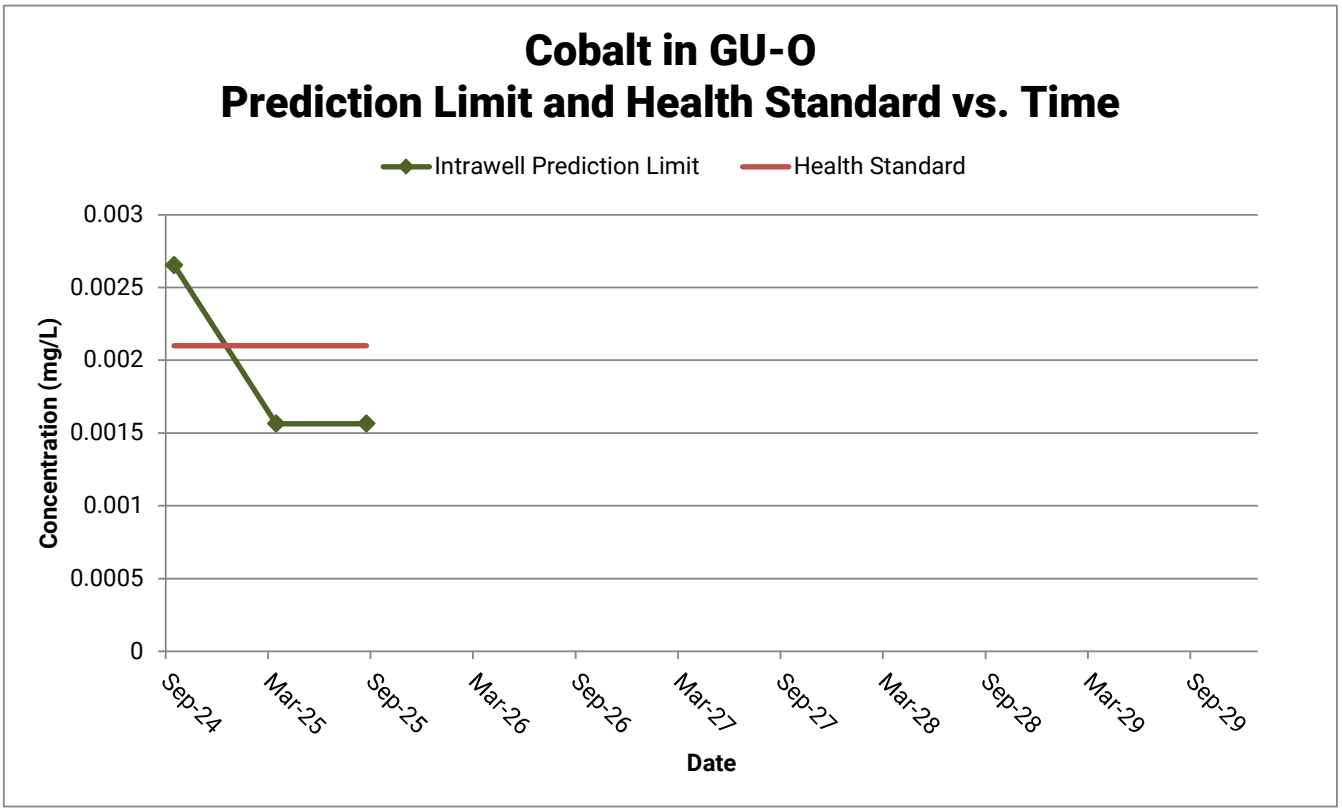

Barium in GU-L
Prediction Limit and Health Standard vs. Time
Intrawell Prediction Limit
Health Standard
Concentration (mg/L)
2.5
2
1.5
1
0.5
0
Sep-24
Mar-25
Sep-25
Mar-26
Sep-26
Mar-27
Sep-27
Mar-28
Sep-28
Mar-29
Sep-29
Date

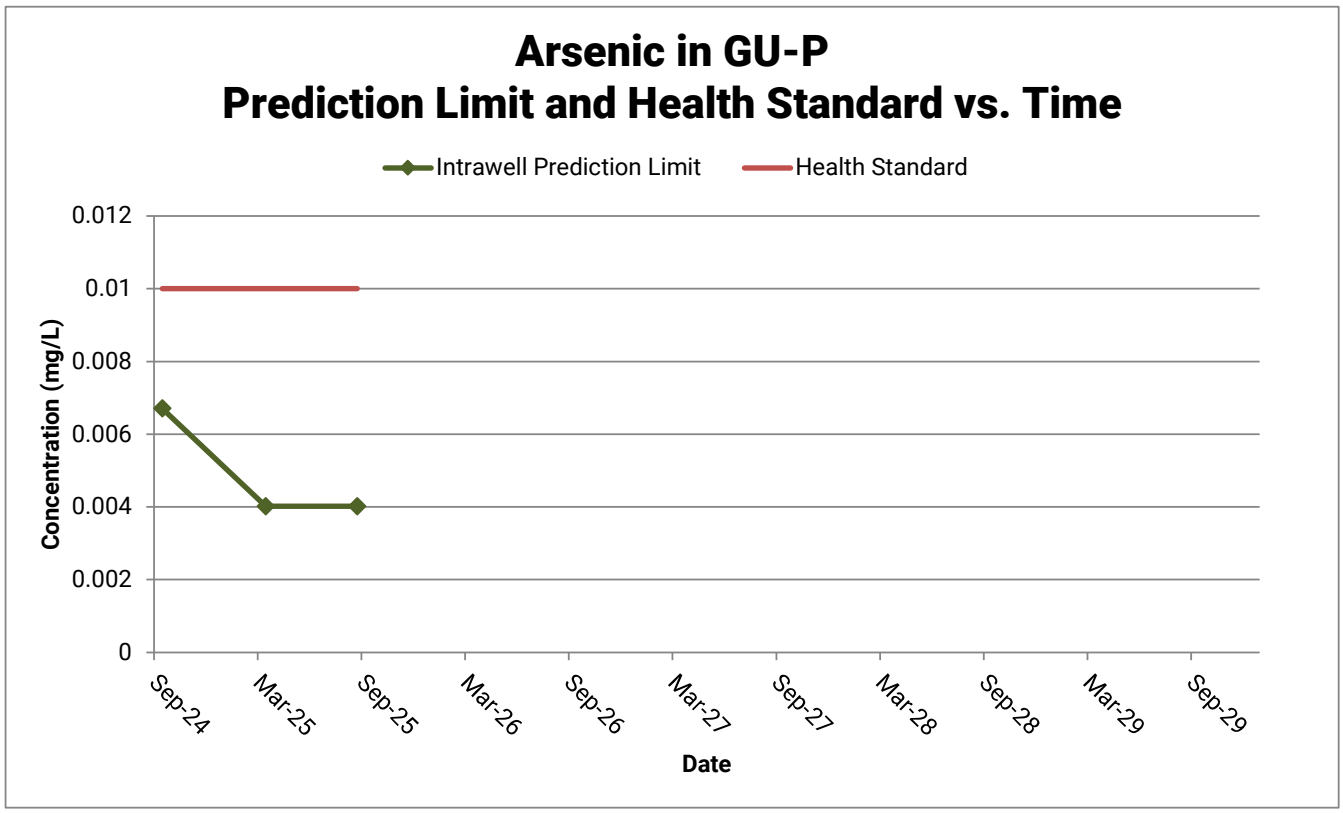

Cobalt in GU-L
Prediction Limit and Health Standard vs. Time
Intrawell Prediction Limit
Health Standard
Concentration (mg/L)
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
Sep-24
Mar-25
Sep-25
Mar-26
Sep-26
Mar-27
Sep-27
Mar-28
Sep-28
Mar-29
Sep-29
Date

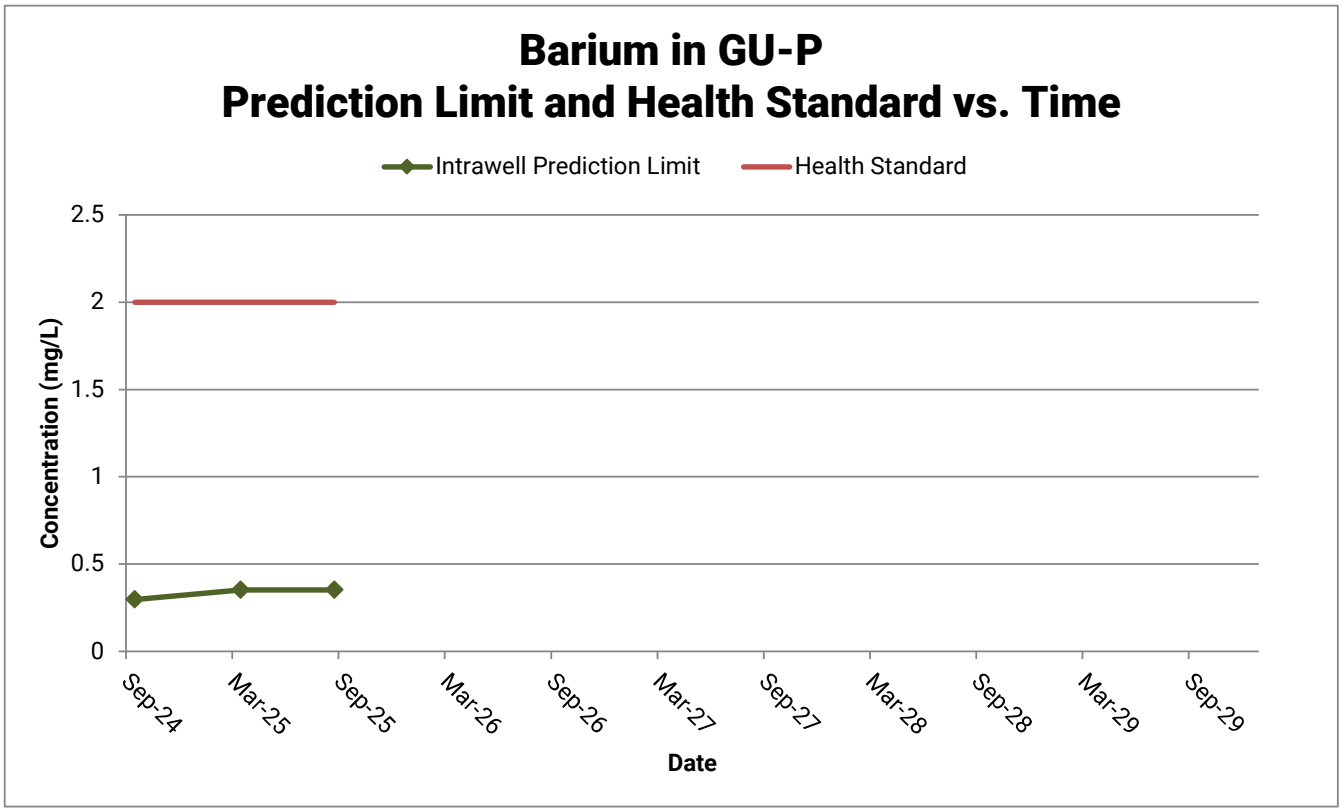

Nickel in GU-L
Prediction Limit and Health Standard vs. Time
Intrawell Prediction Limit
Health Standard
0.12
0.1
0.08
0.06
0.04
0.02
0
Concentration (mg/L)
Sep-24
Mar-25
Sep-25
Mar-26
Sep-26
Mar-27
Sep-27
Mar-28
Sep-28
Mar-29
Sep-29
Date

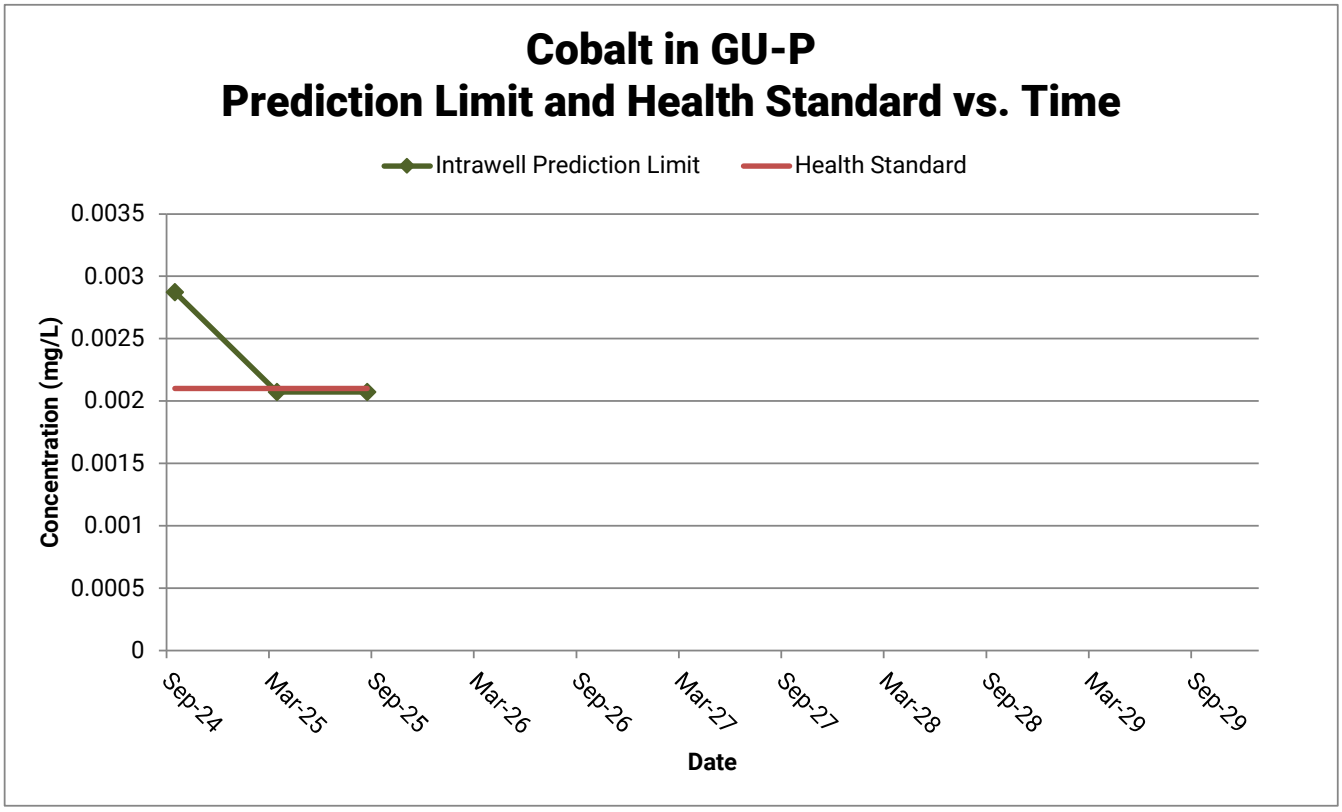

Arsenic in GU-O
Prediction Limit and Health Standard vs. Time
Intrawell Prediction Limit
Health Standard
0.012
0.01
0.008
0.006
0.004
0.002
0
Concentration (mg/L)
Sep-24
Mar-25
Sep-25
Mar-26
Sep-26
Mar-27
Sep-27
Mar-28
Sep-28
Mar-29
Sep-29
Date

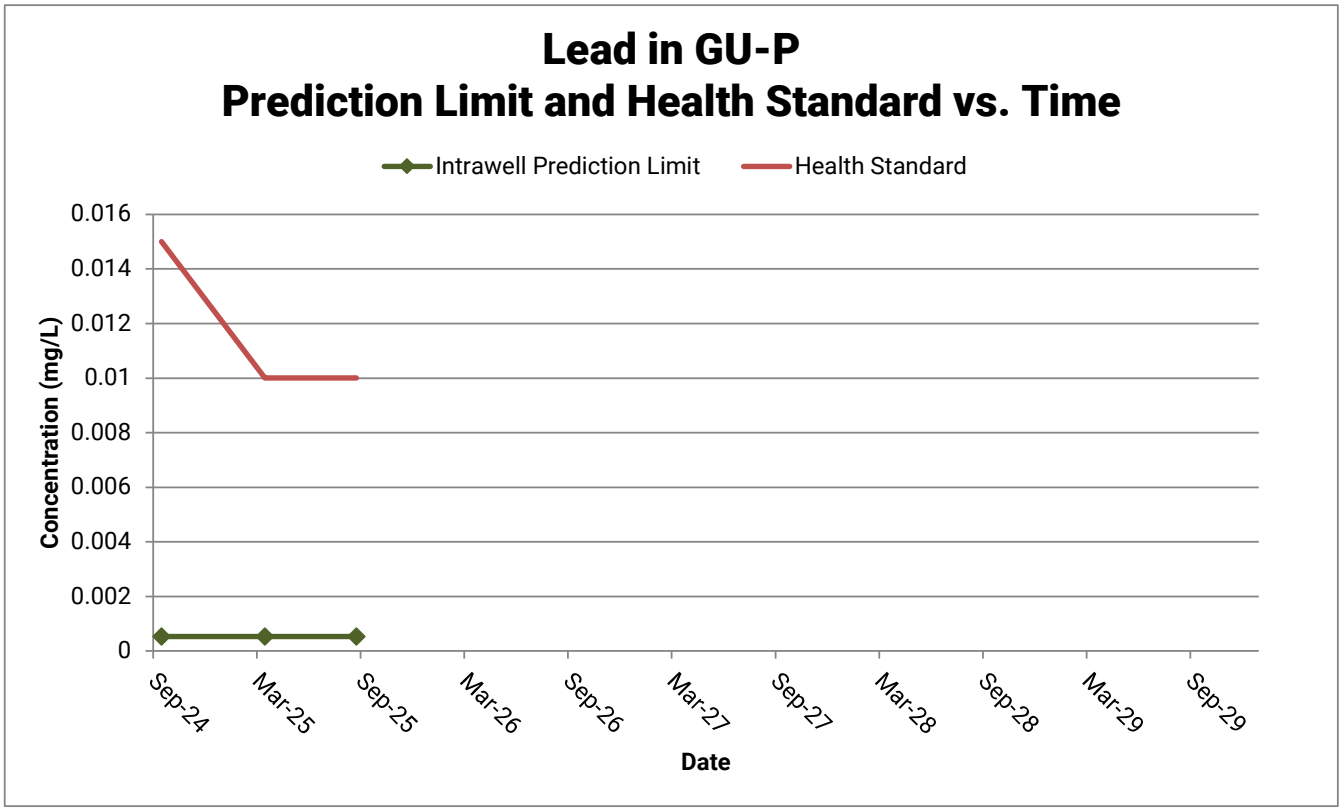

Barium in GU-O
Prediction Limit and Health Standard vs. Time
Intrawell Prediction Limit
Health Standard
Concentration (mg/L)
2.5
2
1.5
1
0.5
0
Sep-24
Mar-25
Sep-25
Mar-26
Sep-26
Mar-27
Sep-27
Mar-28
Sep-28
Mar-29
Sep-29
Date


Cobalt in GU-O
Prediction Limit and Health Standard vs. Time
Intrawell Prediction Limit
Health Standard
Concentration (mg/L)
0.003
0.0025
0.002
0.0015
0.001
0.0005
0
Sep-24
Mar-25
Sep-25
Mar-26
Sep-26
Mar-27
Sep-27
Mar-28
Sep-28
Mar-29
Sep-29
Date


Arsenic in GU-P
Prediction Limit and Health Standard vs. Time
Intrawell Prediction Limit
Health Standard
0.012
0.01
0.008
0.006
0.004
0.002
0
Concentration (mg/L)
Sep-24
Mar-25
Sep-25
Mar-26
Sep-26
Mar-27
Sep-27
Mar-28
Sep-28
Mar-29
Sep-29
Date


Barium in GU-P
Prediction Limit and Health Standard vs. Time
Intrawell Prediction Limit
Health Standard
2.5
2
1.5
1
0.5
0
Concentration (mg/L)
Sep-24
Mar-25
Sep-25
Mar-26
Sep-26
Mar-27
Sep-27
Mar-28
Sep-28
Mar-29
Sep-29
Date


Cobalt in GU-P
Prediction Limit and Health Standard vs. Time
Intrawell Prediction Limit
Health Standard
Concentration (mg/L)
0.0035
0.003
0.0025
0.002
0.0015
0.001
0.0005
0
Sep-24
Mar-25
Sep-25
Mar-26
Sep-26
Mar-27
Sep-27
Mar-28
Sep-28
Mar-29
Sep-29
Date


Lead in GU-P
Prediction Limit and Health Standard vs. Time
Intrawell Prediction Limit
Health Standard
Concentration (mg/L)
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
Sep-24
Mar-25
Sep-25
Mar-26
Sep-26
Mar-27
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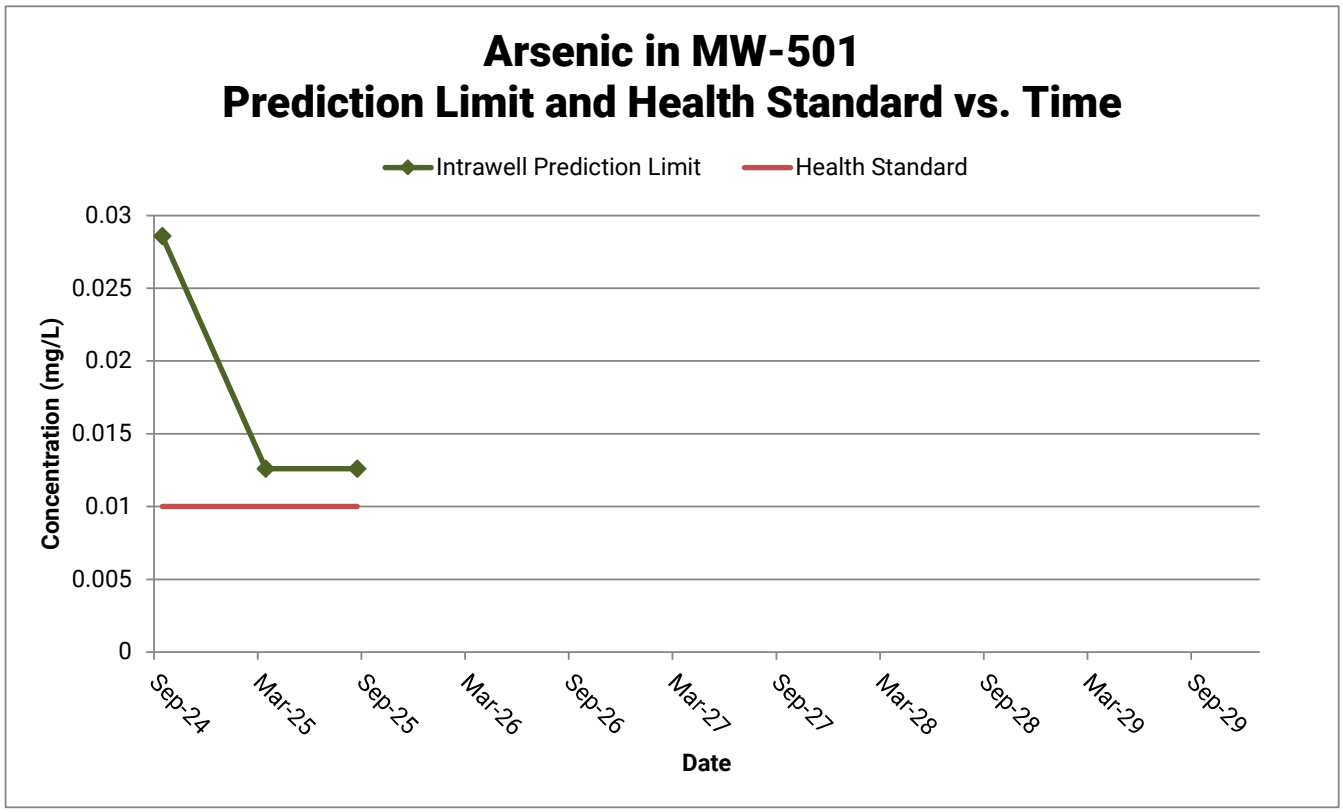
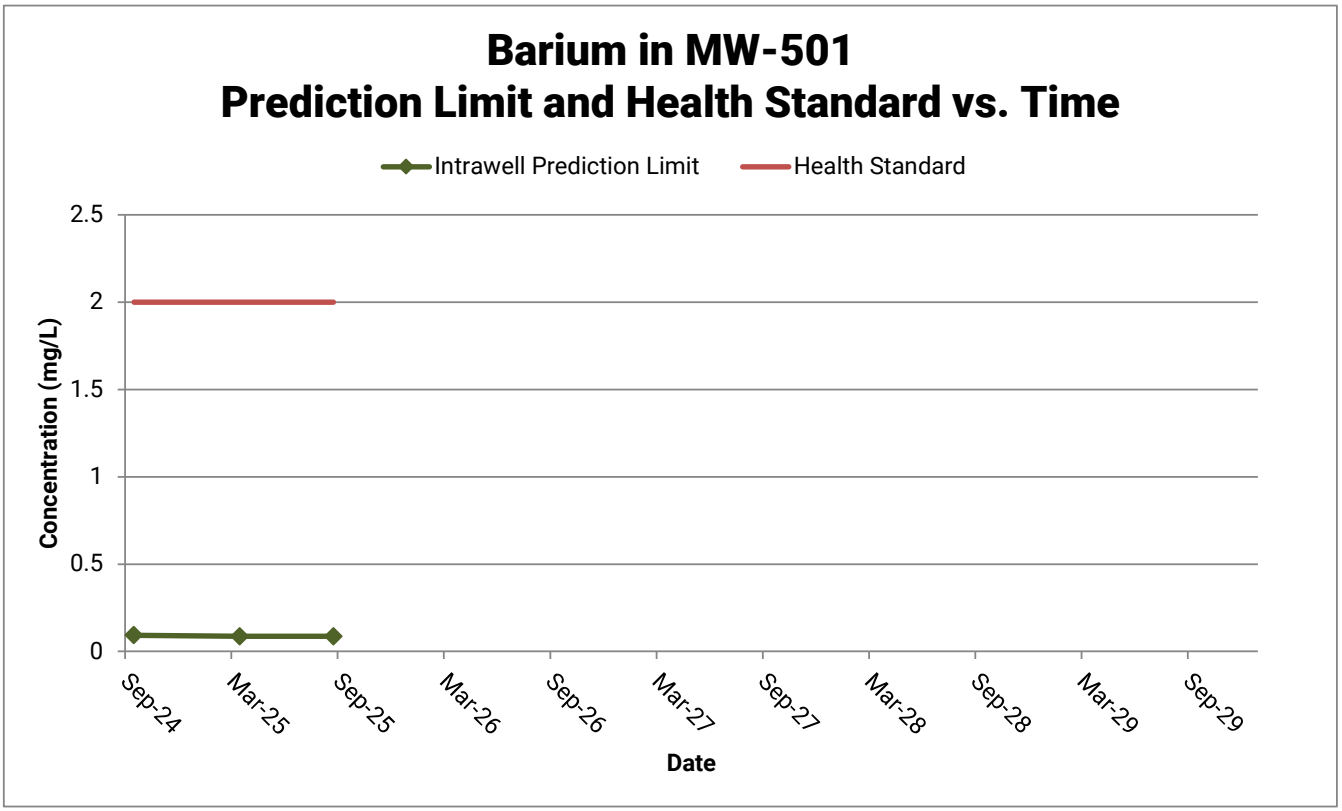
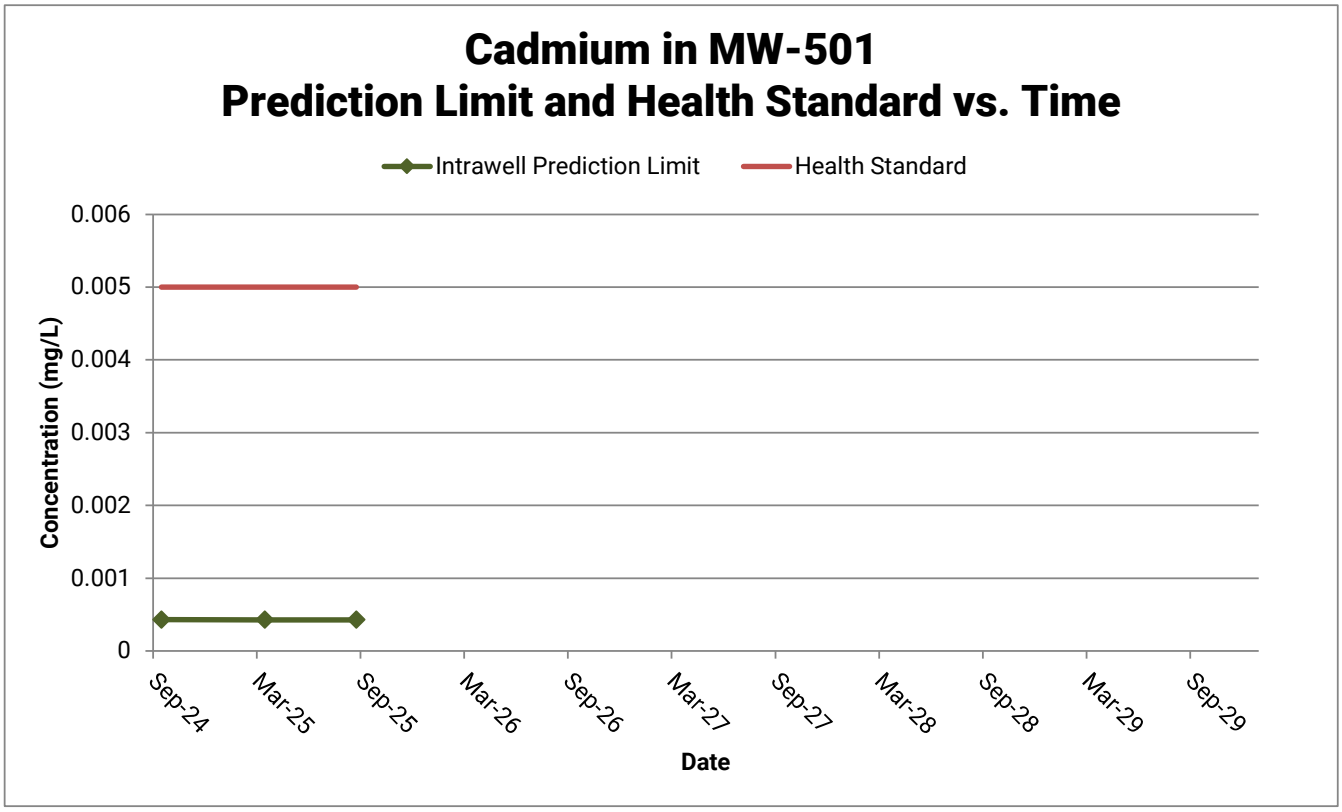
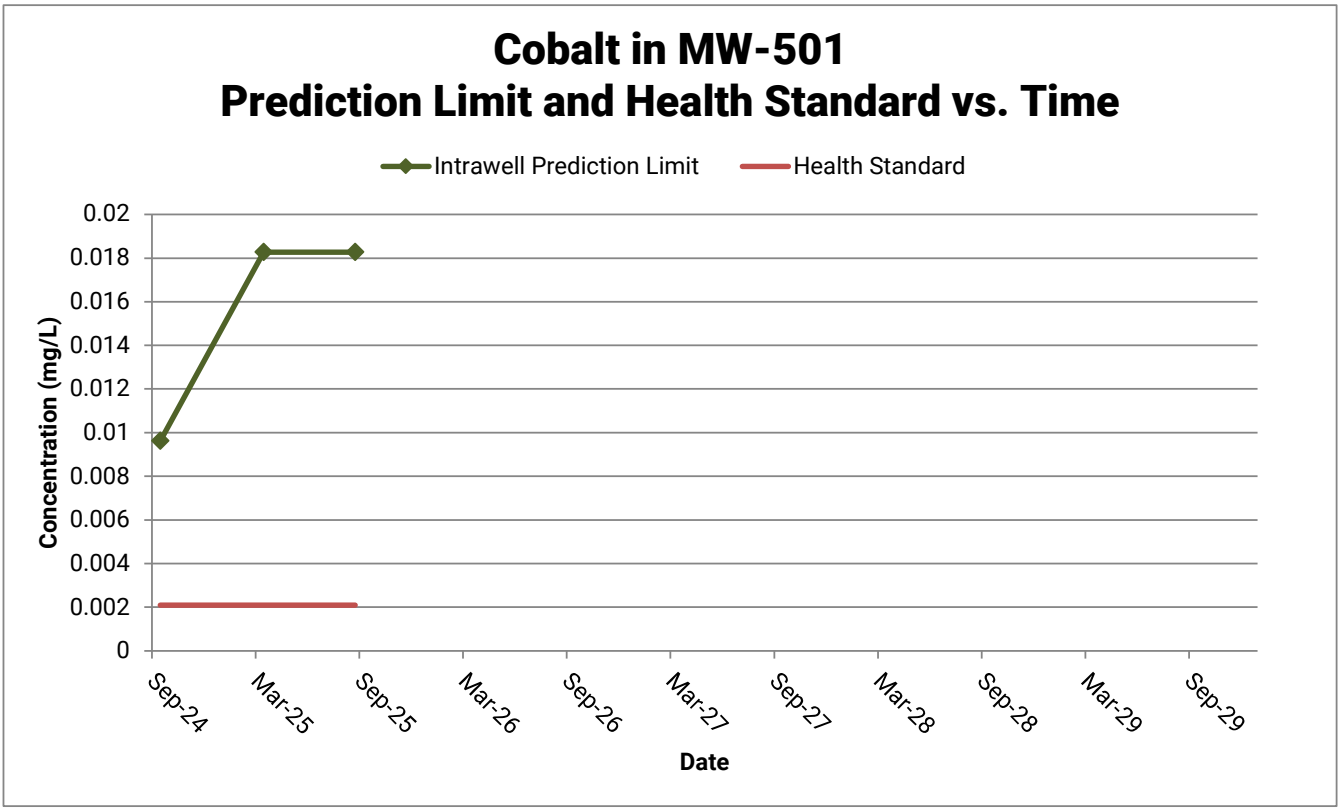
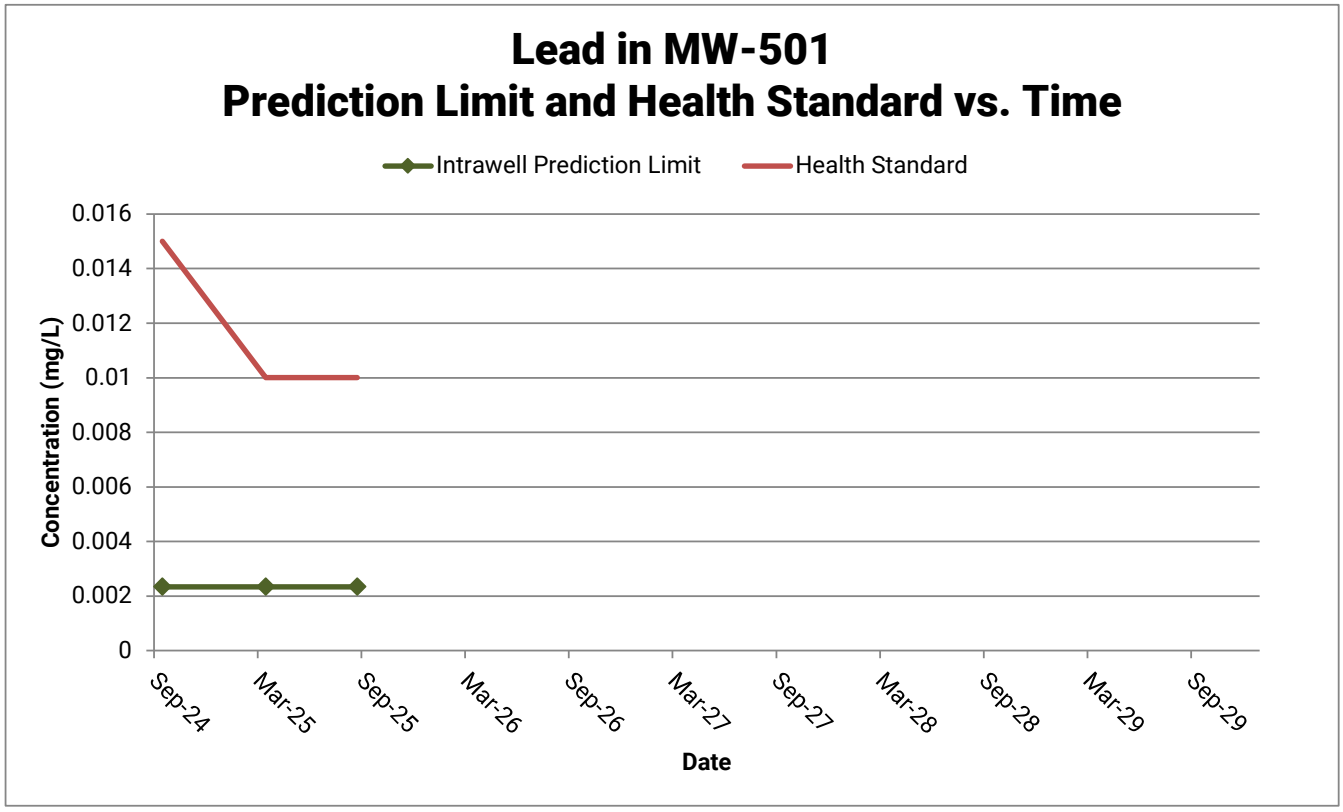
Sep-28
Mar-29
Sep-29
Date

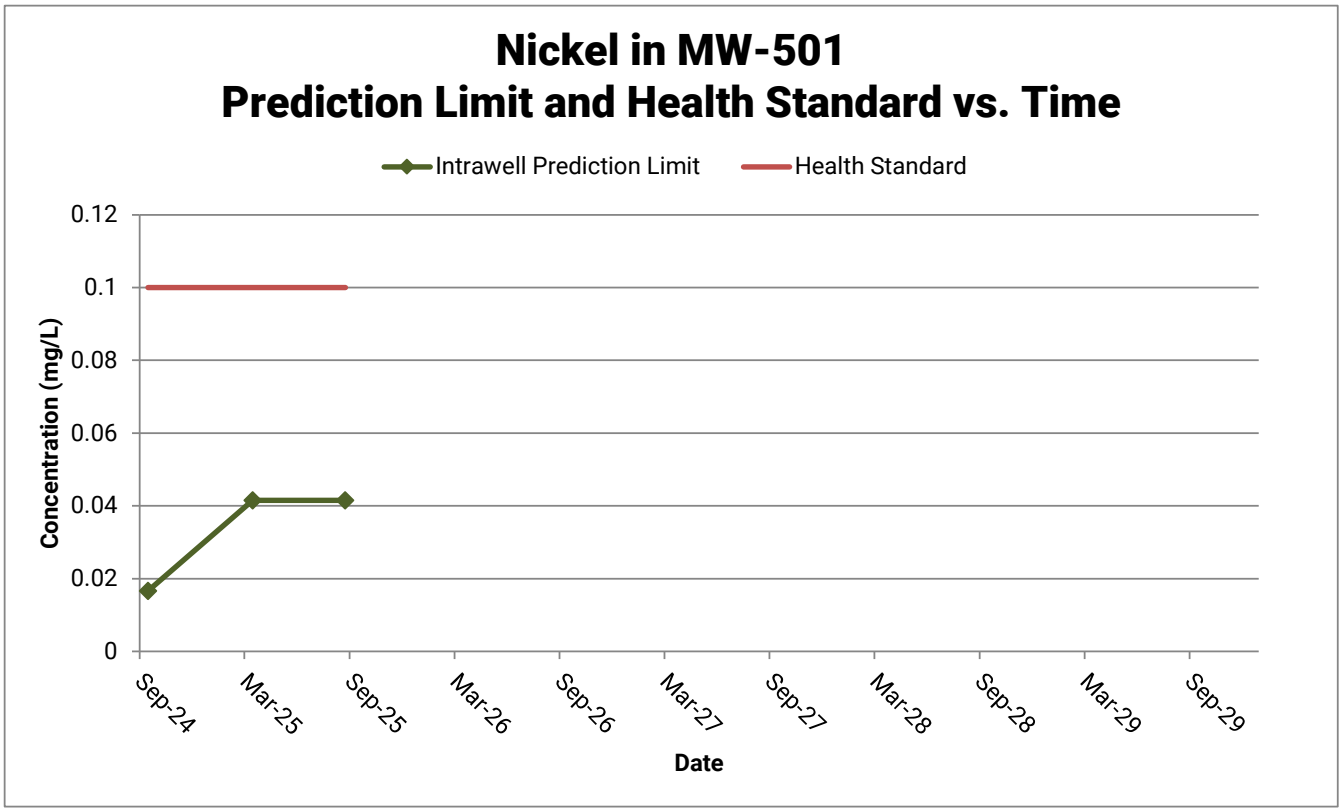

Arsenic in MW-501
Prediction Limit and Health Standard vs. Time
Intrawell Prediction Limit
Health Standard
Concentration (mg/L)
0.03
0.025
0.02
0.015
0.01
0.005
0
Sep-24
Mar-25
Sep-25
Mar-26
Sep-26
Mar-27
Sep-27
Mar-28
Sep-28
Mar-29
Sep-29
Date


Barium in MW-501
Prediction Limit and Health Standard vs. Time
Intrawell Prediction Limit
Health Standard
Concentration (mg/L)
2.5
2
1.5
1
0.5
0
Sep-24
Mar-25
Sep-25
Mar-26
Sep-26
Mar-27
Sep-27
Mar-28
Sep-28
Mar-29
Sep-29
Date


Cadmium in MW-501
Prediction Limit and Health Standard vs. Time
Intrawell Prediction Limit
Health Standard
0.006
0.005
0.004
0.003
0.002
0.001
0
Concentration (mg/L)
Sep-24
Mar-25
Sep-25
Mar-26
Sep-26
Mar-27
Sep-27
Mar-28
Sep-28
Mar-29
Sep-29
Date


Cobalt in MW-501
Prediction Limit and Health Standard vs. Time
Intrawell Prediction Limit
Health Standard
0.02
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
Concentration (mg/L)
Sep-24
Mar-25
Sep-25
Mar-26
Sep-26
Mar-27
Sep-27
Mar-28
Sep-28
Mar-29
Sep-29
Date


Lead in MW-501
Prediction Limit and Health Standard vs. Time
Intrawell Prediction Limit
Health Standard
Concentration (mg/L)
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
Sep-24
Mar-25
Sep-25
Mar-26
Sep-26
Mar-27
Sep-27
Mar-28
Sep-28
Mar-29
Sep-29
Date


Nickel in MW-501
Prediction Limit and Health Standard vs. Time
Intrawell Prediction Limit
Health Standard
Concentration (mg/L)
0.12
0.1
0.08
0.06
0.04
0.02
0
Sep-24
Mar-25
Sep-25
Mar-26
Sep-26
Mar-27
Sep-27
Mar-28
Sep-28
Mar-29
Sep-29
Date

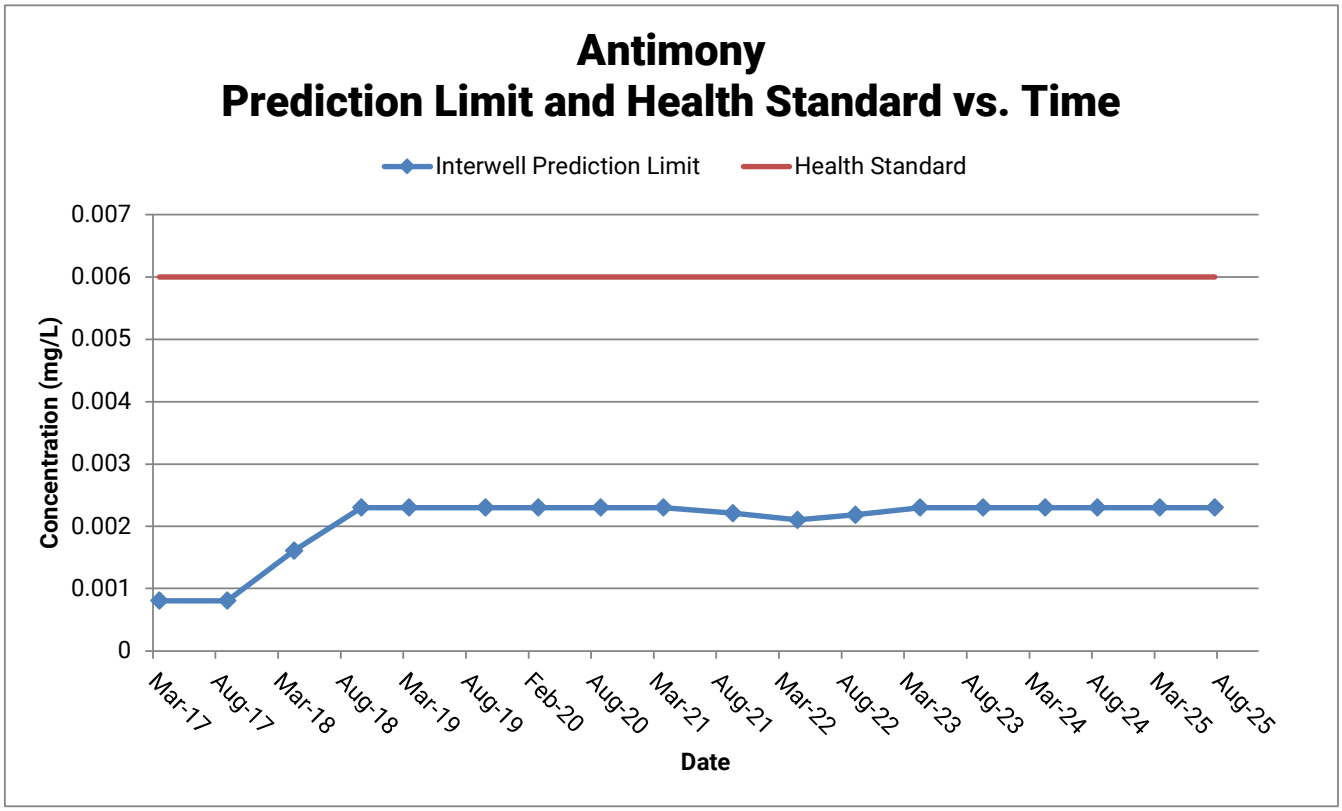
Summary of Interwell Prediction Limits and Health Standards
2025 Annual Water Quality Report
Cedar Rapids Linn County Solid Waste Agency Site 2
Permit No. 57-SDP-01-72P

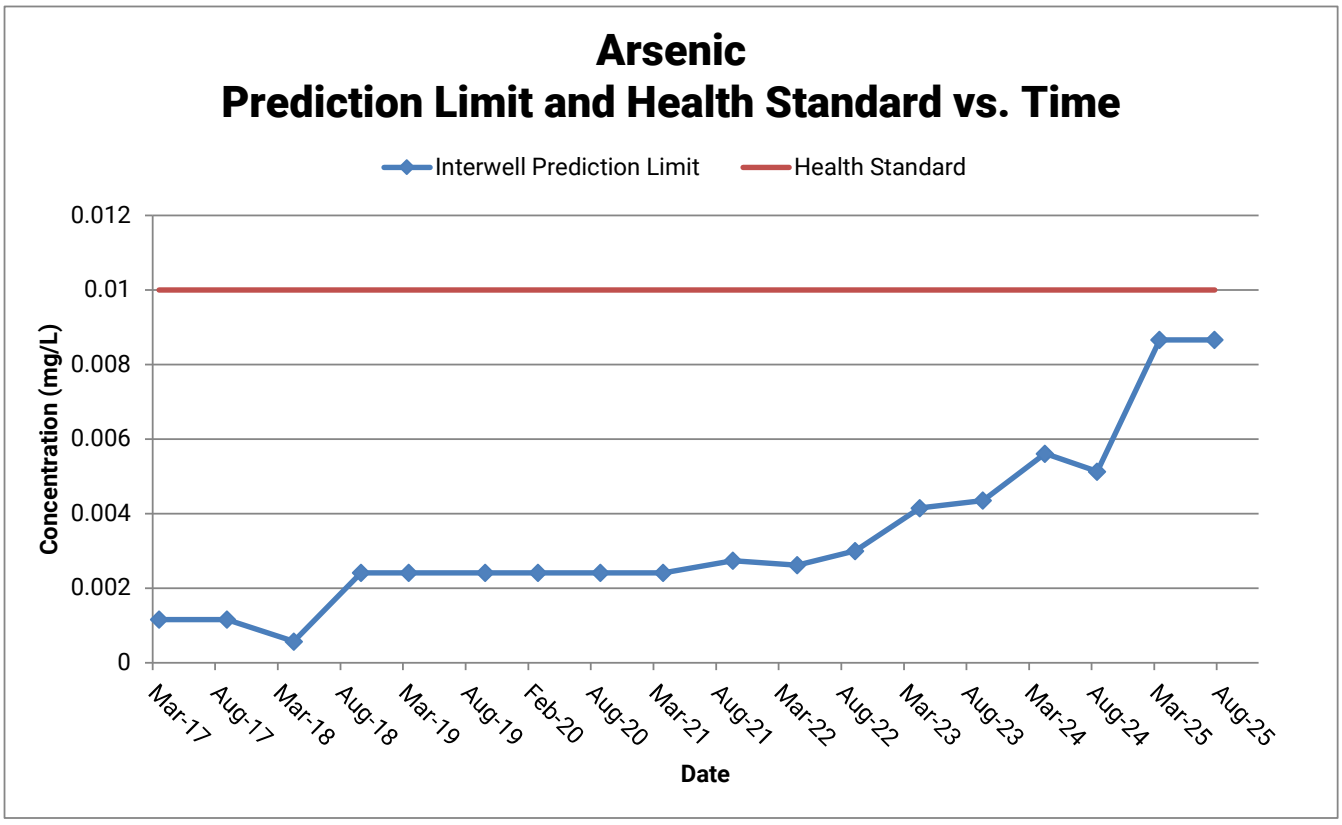
Comments:

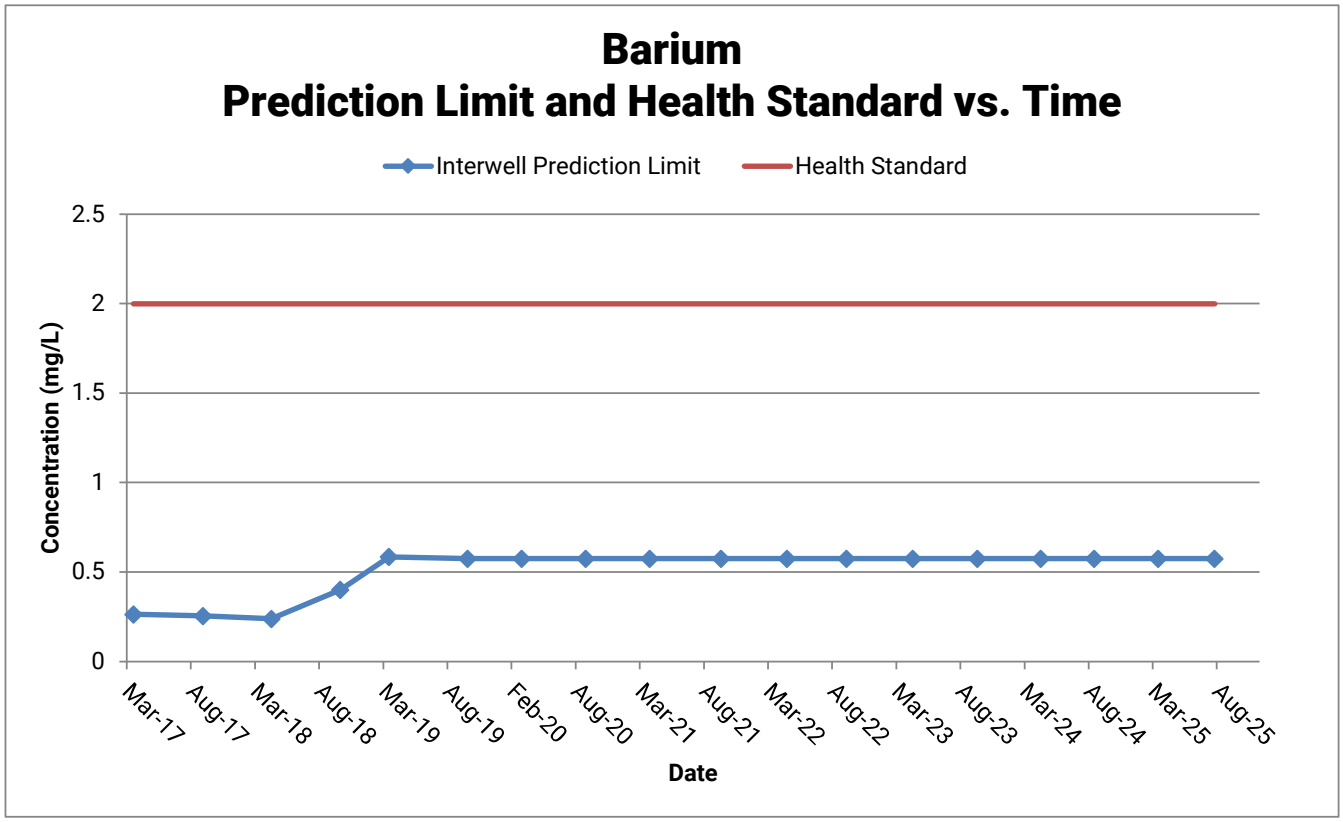
• The following graphs depict the interwell prediction limits starting with the Spring 2017 statistical evaluation. Note that the Spring 2017 statistical evaluation was when the background and downgradient data sets were modified to include only low-flow sampling data. Low flow sampling data includes data collected from Apr. 2015 to the current sampling event. Interwell prediction limits are calculated using pooled data from the background monitoring wells. The Spring 2017 to Fall 2018 statistical evaluations utilized MW-201B, MW-211A, MW-214 and MW-215 as the combined background data set. MW-9AR was added to the background data set in the Spring 2019 statistical evaluation. Starting with the Fall 2021 statistical evaluation, the combined background data set consisted of MW-9AR and MW-201B.

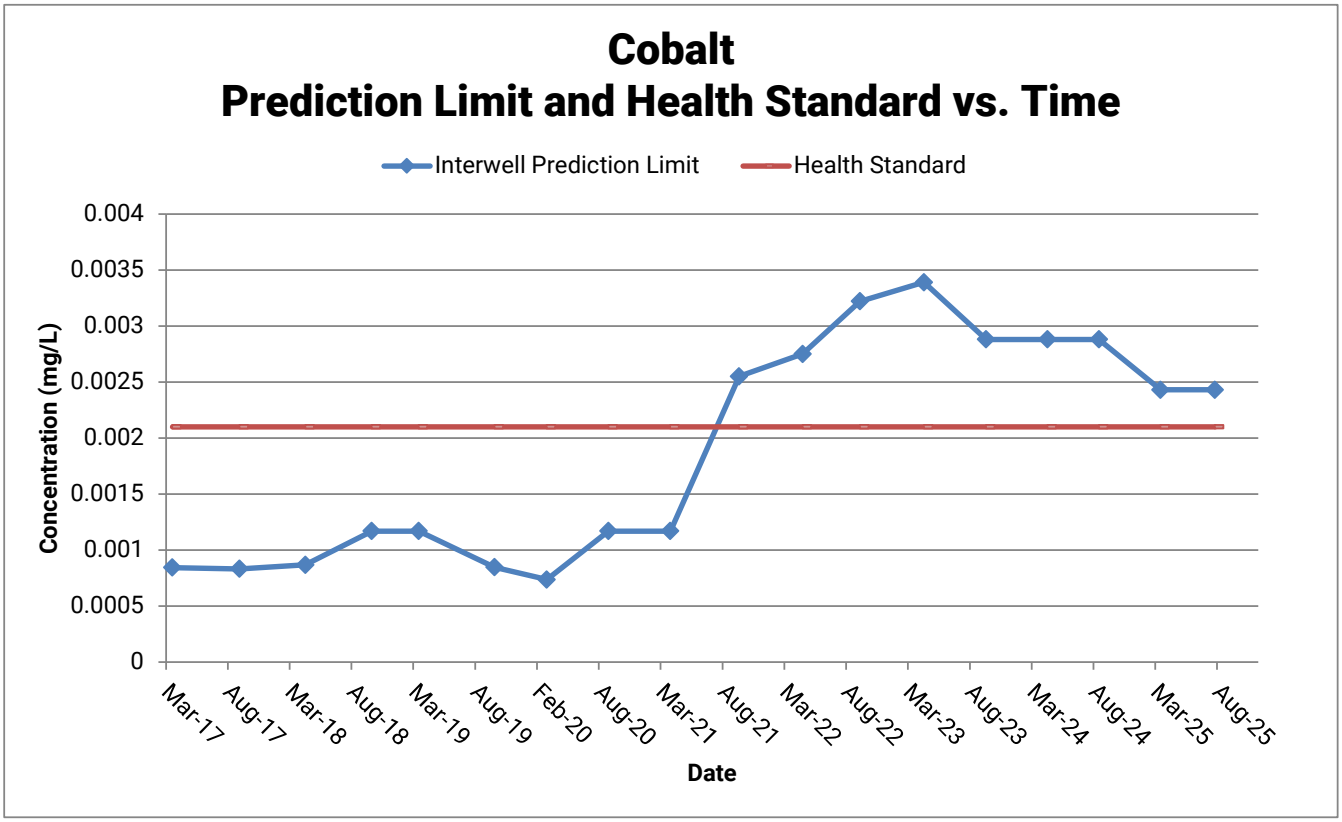
• The sources of the background and health standards are presented in Table7.

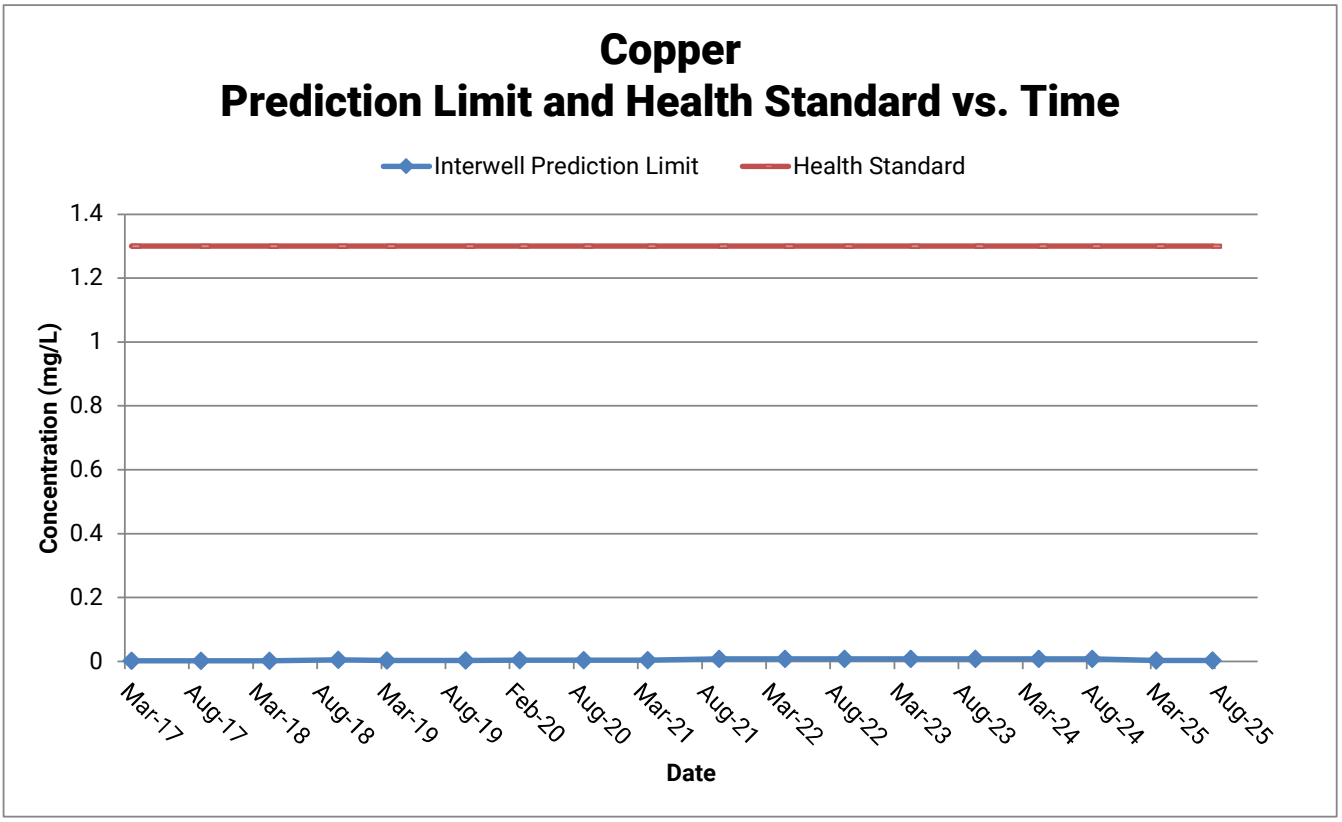
• Prior to 2025, interwell prediction limits were utilized for cadmium, chromium, and vanadium. As discussed in Table 7, the Oct. 2021, Oct. 2022, and Apr. 2023 metals concentrations in MW-201B were recommended for removal starting with the Spring 2025 statistical evaluation. With the removal of these data, cadmium, chromium, and vanadium no longer had one or more detections above the laboratory practical quantification limit (PQL). Therefore, comparisons to background for these three analytes were changed to the Double Quantification Rule (DQR). With this methodology change, graphs are no longer depicted for cadmium, chromium, and vanadium.

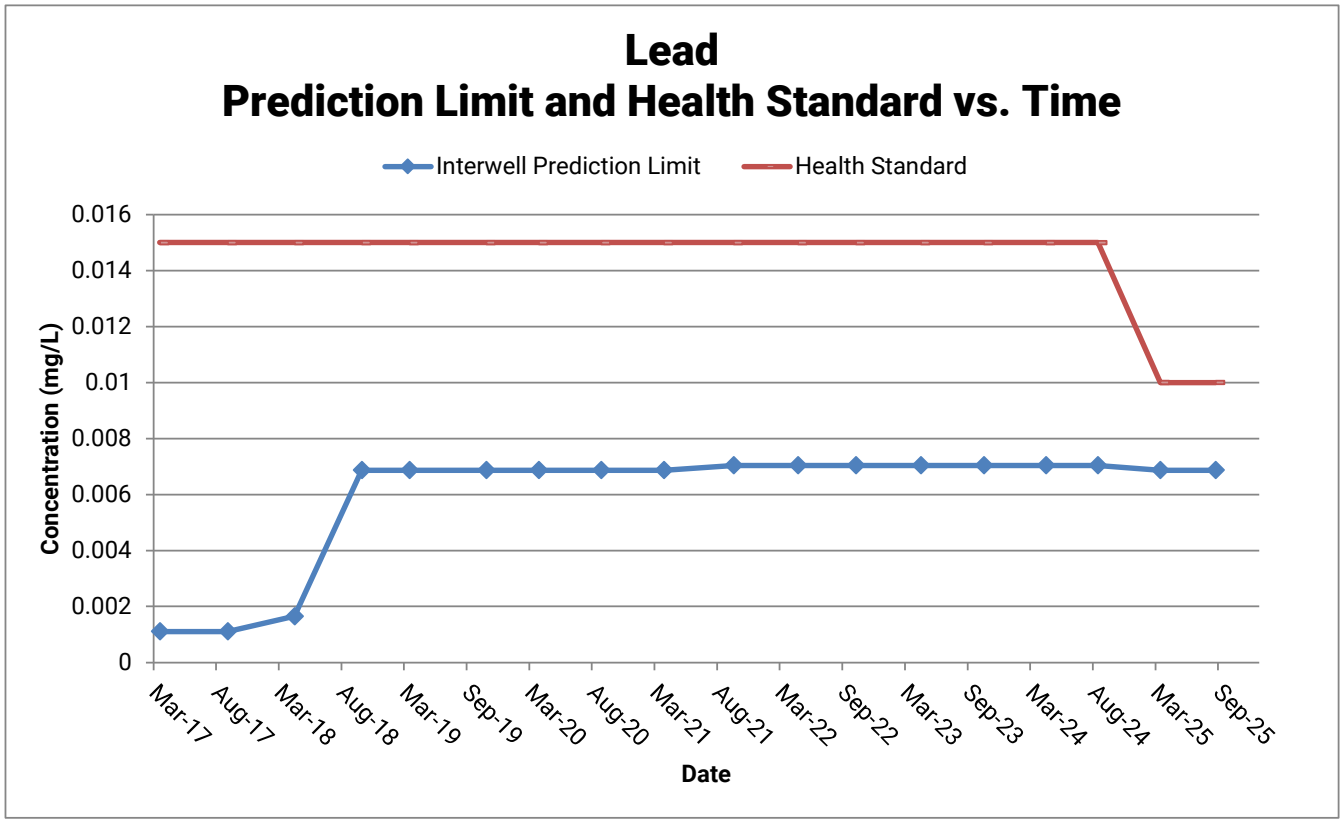


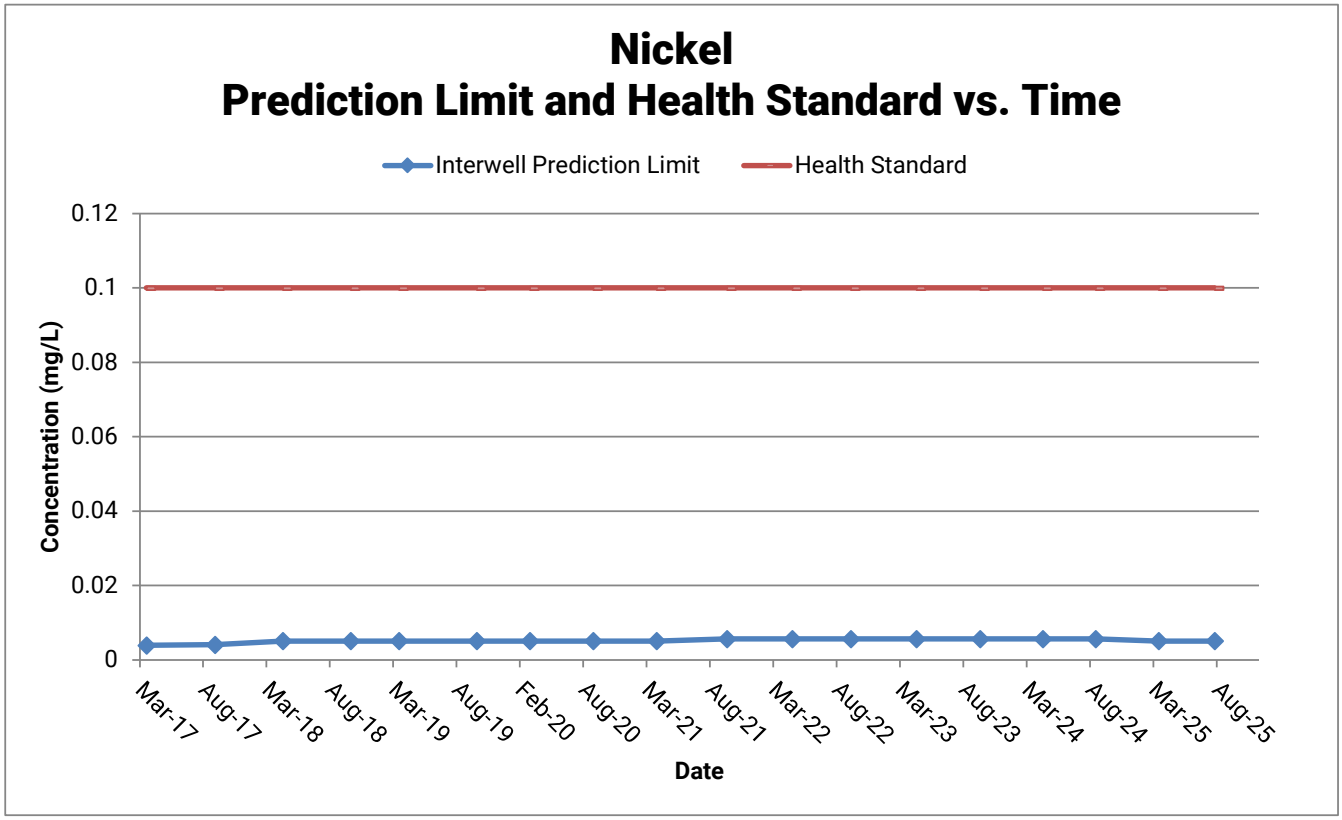

Arsenic
Prediction Limit and Health Standard vs. Time
Interwell Prediction Limit
Health Standard
0.012
0.01
0.008
0.006
0.004
0.002
0
Concentration (mg/L)
Mar-17
Aug-17
Mar-18
Aug-18
Mar-19
Aug-19
Feb-20
Aug-20
Mar-21
Aug-21
Mar-22
Aug-22
Mar-23
Aug-23
Mar-24
Aug-24
Mar-25
Aug-25
Date


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


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


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


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

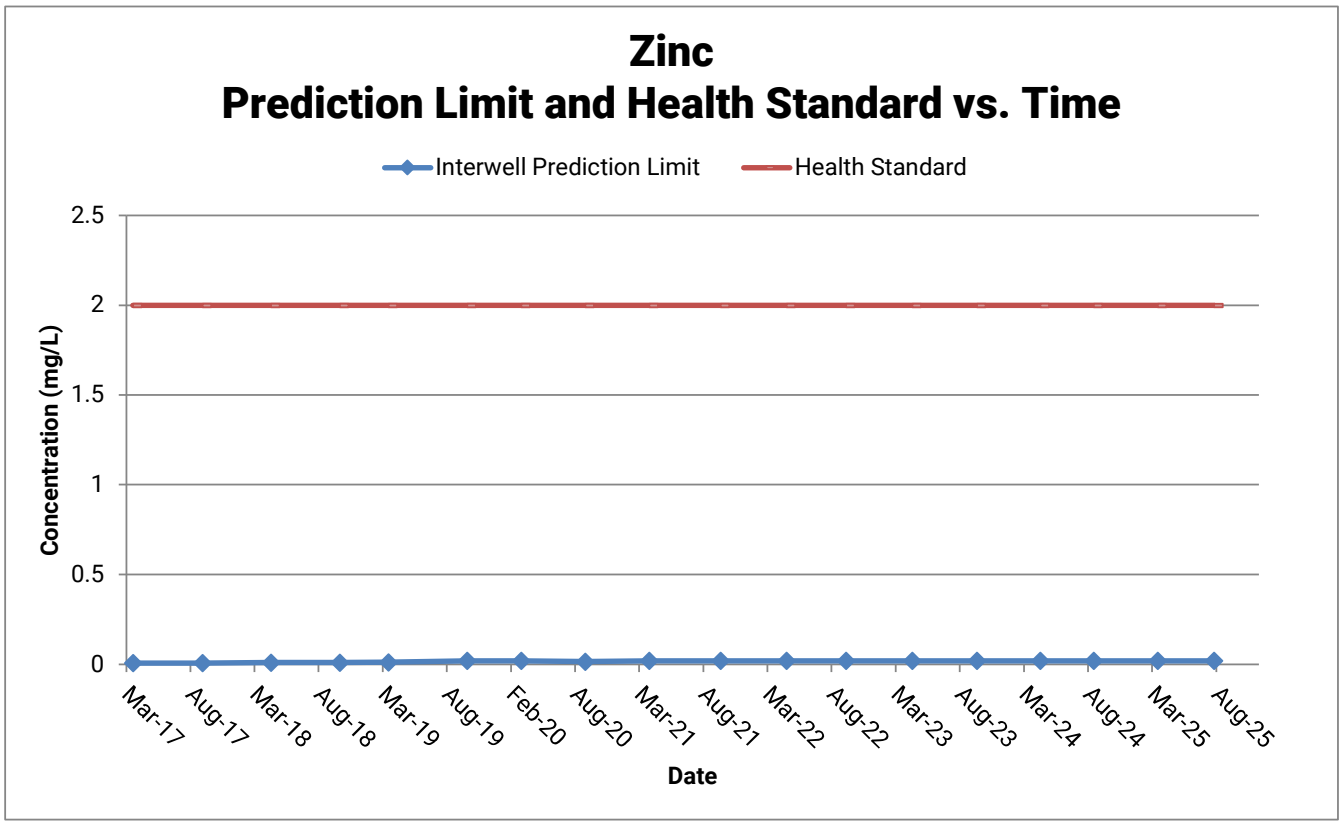

Zinc
Prediction Limit and Health Standard vs. Time
Interwell Prediction Limit
Health Standard
Concentration (mg/L)
2.5
2
1.5
1
0.5
0
Mar-17
Aug-17
Mar-18
Aug-18
Mar-19
Aug-19
Feb-20
Aug-20
Mar-21
Aug-21
Mar-22
Aug-22
Mar-23
Aug-23
Mar-24
Aug-24
Mar-25
Aug-25
Date

Table 8
Summary of Well/Detected Constituent Pairs With No Previous SSIs
2025 Annual Water Quality Report
Cedar Rapids Linn County Solid Waste Agency Site 2
Permit No. 57-SDP-01-72P

Well	Constituent [1]	Units	Most Recent Result (Aug. 2025)	Background Standard Intrawell PL/RL [2]
Detection Monitoring Locations				
GU-1	Arsenic	mg/L	0.00132 J	0.09105
	Barium	mg/L	0.178	1.443
	Chromium	mg/L	0.00206 J	0.005
	Cobalt	mg/L	0.00321	0.0198
	Nickel	mg/L	0.0369	0.06745
	Total Suspended Solids	mg/L	4.6	N/A
	Zinc	mg/L	0.0138 J	0.02
GU-L	Arsenic	mg/L	0.000774 J	0.0069
	Barium	mg/L	0.01	0.1037
GU-O	Arsenic	mg/L	0.00138 J	0.005158
	Barium	mg/L	0.303	0.372
	Total Suspended Solids	mg/L	28.5	N/A
GU-P	Arsenic	mg/L	0.00199 J	0.004019
	Barium	mg/L	0.28	0.3526
	Cobalt	mg/L	0.000378 J	0.002072
	Total Suspended Solids	mg/L	10.3	N/A
MW-501	Barium	mg/L	0.0187	0.08662
	Cadmium	mg/L	0.000161 J	0.0004288
	Cobalt	mg/L	0.00724	0.01827
	Nickel	mg/L	0.0184	0.0415
	Total Suspended Solids	mg/L	2	N/A

* Current result is above background, if confirmed by retest sample(s) an SSI will be identified (1-of-2 retesting plan for groundwater prediction limits and DQR constituents).

** Current result is a confirmed SSI. Appendix II sampling will be completed within 90 days.

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

Comments:

DQR = double quantification rule

mg/L = milligrams per liter

MSWLF = municipal solid waste landfill

N/A = not applicable

PL = prediction limit

RL = reporting limit (identified as the laboratory practical quantitation limit)

SSI = statistically significant increase (over background)

[1] List contains constituents detected above the laboratory method detection limit (MDL) and includes J-flagged concentrations.

[2] Sources of background standards are presented in Table 7. If a constituent isn't listed in Table 7, indicating the constituent hasn't been detected in background, then the background standard is the reporting limit (RL). As detailed in Table 7, intrawell prediction limits were utilized to evaluate statistically significant increases (SSIs) over background for analytes detected above the RL in GU-1, GU-L, GU-O, GU-P, and MW-501.

• No SSIs were identified at GU-1, GU-L, GU-O, GU-P, and MW-501 during the Fall 2025 statistical evaluation. These locations will remain in detection monitoring. The future sampling schedules are provided in Table 2.

Table 9
Summary of Ongoing and Newly Identified SSIs
2025 Annual Water Quality Report
Cedar Rapids Linn County Solid Waste Agency Site 2
Permit No. 57-SDP-01-72P

Well	Constituent [1]	Units	Most Recent Result [2]	Background Standard [3]	Lower Confidence Limit	GWPS [3]	Sample Dates		
							Initial Exceedance (above background)	Resample(s)	5th Background Sample [4]
Assessment Monitoring Locations									
MW-15	Cobalt	mg/L	0.00418	0.00243	0.00164	0.00631	Mar. 2017	Jun. 2017	Mar. 2017
	Nickel	mg/L	0.00834	0.00508	0.006	0.1	Mar. 2017	Jun. 2017	Mar. 2017
MW-22	Barium	mg/L	0.92	0.575	1.01	2	Mar. 2017	Oct. 2017	Mar. 2017
	Benzene	ug/L	1.35	0.50	1.17	5	Jan. 2008	Mar. 2008	Oct. 2008
	Nickel	mg/L	0.0347	0.00508	0.032	0.1	Mar. 2017	Oct. 2017	Mar. 2017
MW-24	Nickel	mg/L	0.0133	0.00508	0.029	0.1	Mar. 2017	Jun. 2017	Mar. 2017
MW-26A	Arsenic	mg/L	0.0193	0.00866	0.0010	0.01	Apr. 2024	May 2024	Mar. 2017
	Barium	mg/L	0.764	0.575	0.09	2	Sep. 2024	N/S	Mar. 2017
	Cobalt	mg/L	0.0418	0.00243	0.00080	0.00631	Mar. 2017	Jun. 2017	Mar. 2017
	Nickel	mg/L	0.0348	0.00508	0.007	0.1	Apr. 2015	Apr. 2016	Mar. 2017
MW-300	No SSIs								
MW-302R	No SSIs								
MW-303	Cadmium	mg/L	0.00165	0.0002	0.00013	0.005	Apr. 2021	May 2021	Mar. 2017
	Cobalt	mg/L	0.00308	0.00243	0.00025	0.00631	Apr. 2021	May 2021	Mar. 2017
	Nickel	mg/L	0.0814	0.00508	0.003	0.1	Apr. 2021	May 2021	Mar. 2017
MW-304R	Chromium	mg/L	0.00672	0.005	0.003	0.1	Aug. 2025	N/S	Mar. 2017
	Cobalt	mg/L	0.00446	0.00243	0.00108	0.00631	Mar. 2019	May 2019	Mar. 2017
	Nickel	mg/L	0.00543	0.00508	0.003	0.1	Nov. 2018	Jan. 2019	Mar. 2017
MW-305	No SSIs								
Corrective Action Monitoring Locations - Assessment Constituents									
MW-18	Nickel	mg/L	0.0114	0.00508	0.015	0.1	Mar. 2017	Jun. 2017	Mar. 2017
MW-19	1,4-Dichlorobenzene	ug/L	1.27	1.00	1.9	75	Jan. 2008	Mar. 2008	Oct. 2008
	Chlorobenzene	ug/L	1.19	1.00	2.5	100	Jan. 2008	Mar. 2008	Oct. 2008
	Nickel	mg/L	0.0176	0.00508	0.023	0.1	Mar. 2017	Oct. 2017	Mar. 2017
MW-20	Barium	mg/L	0.654	0.575	0.96	2	Mar. 2017	Oct. 2017	Mar. 2017
	Chlorobenzene	ug/L	3.59	1.00	5.6	100	Jan. 2008	Mar. 2008	Oct. 2008
	Nickel	mg/L	0.0135	0.00508	0.017	0.1	Mar. 2017	Oct. 2017	Mar. 2017
MW-301	Nickel	mg/L	0.0108	0.00508	0.007	0.1	Mar. 2017	Oct. 2017	Mar. 2017
Delineation Monitoring Locations									
MW-29	No SSIs								
MW-30	No SSIs								
MW-306	No SSIs								
MW-307A	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 or SSL identified.

Table 9
Summary of Ongoing and Newly Identified SSIs
2025 Annual Water Quality Report
Cedar Rapids Linn County Solid Waste Agency Site 2
Permit No. 57-SDP-01-72P

Comments:
GWPS = Groundwater Protection Standard
LCL = lower confidence limit
mg/L = milligrams per liter
MSWLF = municipal solid waste landfill
N/A = Not applicable.
N/S = Not resampled; SSI was declared in lieu of conducting resample(s).
RL = reporting limit (identified as the laboratory practical quantitation limit)
SSI = statistically significant increase (over background)
SSL = statistically significant level (over GWPS)
ug/L = micrograms per liter

(1) List contains constituents which have been identified as statistically significant increases (SSIs) during the Fall 2025 statistical evaluation. Unless otherwise noted, all current results listed in this table are above background. SSIs were declared in lieu of conducting resamples.

(2) Most recent results are from August 2025.

(3) Source of background standards and Groundwater Protection Standard (GWPS) values are presented in Table 7. If the constituent isn't listed in Table 7 (indicating the constituent hasn't been detected in background), then the background standard is the laboratory reporting limit (RL), and the GWPS is the Maximum Contaminant Level (MCL) or the Statewide Standard (SS) if there is no MCL. If background is higher than the MCL or SS, the GWPS is background.

(4) The 5th background sample for the Appendix I and II metals is the fifth sampling event conducted using low-flow sampling methods. Low-flow sampling was initiated in Apr. 2015.

• No statistically significant increased (SSLs) were identified for the assessment monitoring locations. The Fall 2025 statistical evaluation indicated that MW-302R and MW-305 have had all Appendix II constituents below background values for three consecutive sampling events. In accordance with 567 IAC 113.10(6)e, MW-302R and MW-305 will return to detection monitoring. Conversely, MW-15, MW-22, MW-24, MW-26A, MW-300, MW-303, and MW-304R 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. 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. These locations will continue corrective action monitoring in 2026 as listed in Table 2. A summary of the statistical comparisons for the corrective action constituents is provided in Table 10.

• No SSIs were identified for benzene and cobalt in the delineation monitoring locations. These locations will continue delineation monitoring in 2026 as listed in Table 2.

Table 10
Summary of Ongoing and Newly Identified SSLs
2025 Annual Water Quality Report
Cedar Rapids Linn County Solid Waste Agency Site 2
Permit No. 57-SDP-01-72P

Well [1]	Constituent [1]	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-18	Cobalt	mg/L	0.0036	0.00432	0.00631	Mar. 2017	Spring 2024	Fall 2025	2 years
MW-19	Cobalt	mg/L	0.0183	0.01480	0.00243	Mar. 2017	N/A	N/A	N/A
MW-20	Benzene	ug/L	4.83	4.47	5	2009	Fall 2024	Fall 2025	1.5 years
	Cobalt	mg/L	0.00204	0.00430	0.00631	Oct. 2018	Spring 2024	Fall 2025	2 years
MW-301	Cobalt	mg/L	0.0066	0.00542	0.00243	Mar. 2017	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

MSWLF = municipal solid waste landfill

N/A = Not applicable; indicates the analyte/well pair has not achieved compliance with the GWPS (i.e., upper confident limit or the upper 95% confidence limit on the trend line is lower than the GWPS for a period of three consecutive years).

SSL = statistically significant level (over GWPS)

ug/L = micrograms per liter

[1] The most recent results are from the August 2025 event.

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

[3] Source of the Groundwater Protection Standard (GWPS) values is presented in Table 7. If the constituent isn't listed in Table 7, the GWPS is the Maximum Contaminant Level (MCL) or the Statewide Standard (SS) if there is no MCL. If background is higher than the MCL or SS, the GWPS is background.

• Two site-specific background GWPS values are utilized for cobalt depending on the geologic formation of the screened interval and location of the monitoring well. Details are provided in Table 7.

• SSLs over the GWPS remained for cobalt in MW-19 and MW-301. While compliance with the GWPS was not achieved, a statistically significant decreasing trend was identified for cobalt in MW-301.

• Compliance with the GWPS was achieved for cobalt in MW-18 and MW-20, starting with the Spring 2024 statistical evaluation, and benzene in MW-20, starting with the Fall 2024 statistical evaluation, and remained during the current statistical evaluation. In accordance with 567 IAC 113.10(9)e(2), cobalt in MW-18 and MW-20 and benzene in MW-20 will return to assessment constituents in Spring 2027 and Fall 2027, respectively, as long as concentrations remain below the GWPS during interim statistical evaluations.

• No changes are recommended for the corrective action monitoring locations based on the corrective action statistical results conducted during the Fall 2025 statistical evaluation.

Table 11
Historic SSIs and SSLs
2025 Annual Water Quality Report
Cedar Rapids Linn County Solid Waste Agency Site 2
Permit No. 57-SDP-01-72P

Key: gray = SSI black = SSL orange = SSL achieved compliance with the GWPS (1 event)		Spring	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Winter	Spring	Fall
Well	**Constituent**	**2018**	**2018**	**2019**	**2019**	**2020**	**2020**	**2021**	**2021**	**2022**	**2022**	**2023**	**2023**	**2024**	**2024**	**2025**	**2025**	**2025**
Groundwater Underdrain Monitoring Locations																		
GU-1	No SSIs or SSLs																	
GU-L	No SSIs or SSLs																	
GU-O	Zinc	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A					(1)	(1)		
GU-P	No SSIs or SSLs																	
Downgradient Monitoring Locations																		
MW-15	Arsenic															N.S		
	Cadmium															N.S		
	Cobalt															N.S		
	Lead															N.S		
	Nickel															N.S.		
MW-18	Cadmium															N.S		
	Cobalt															N.S		
	Nickel															N.S		
	Silver															N.S		
	Thallium															N.S.		
MW-19	1,4-Dichlorobenzene															N.S		
	Arsenic															N.S		
	Barium															N.S		
	Benzene															N.S		
	Chlorobenzene															N.S		
	Cobalt															N.S		
	Nickel															N.S.		
MW-20	Antimony															N.S		
	Arsenic															N.S		
	Barium															N.S		
	Benzene															N.S		
	Chlorobenzene															N.S		
	Chromium															N.S		
	Cobalt															N.S		
	Copper															N.S		
	Endosulfan I															N.S		
	Heptachlor															N.S		
	Nickel															N.S		
	Zinc															N.S.		
MW-22	Arsenic															N.S		
	Barium															N.S		
	Benzene															N.S		
	beta-BHC															N.S		
	Cobalt															N.S		
	Copper															N.S		
	Nickel															N.S		
	Silvex (2,4,5-TP)															N.S.		
MW-24	Barium															N.S		
	Cobalt															N.S		
	Cadmium															N.S		
	Nickel															N.S.		
MW-26A	Acetone										NE		NE			N.S		
	Arsenic										NE		NE			N.S.		

Table 11
Historic SSIs and SSLs
2025 Annual Water Quality Report
Cedar Rapids Linn County Solid Waste Agency Site 2
Permit No. 57-SDP-01-72P

Key: gray = SSI black = SSL orange = SSL achieved compliance with the GWPS (1 event)		Spring	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Winter	Spring	Fall
Well	**Constituent**	**2018**	**2018**	**2019**	**2019**	**2020**	**2020**	**2021**	**2021**	**2022**	**2022**	**2023**	**2023**	**2024**	**2024**	**2025**	**2025**	**2025**
Downgradient Monitoring Locations																		
MW-26A	Barium										NE		NE			N.S.		
Continued	Benzene										NE		NE			N.S.		
	Cobalt										NE		NE			N.S.		
	Nickel										NE		NE			N.S.		
MW-300	1,4-Dichlorobenzene															N.S		
	Benzene															N.S.		
	Cadmium															N.S.		
	Chlorobenzene															N.S.		
	Cobalt															N.S.		
	Nickel															N.S.		
MW-301	Arsenic															N.S		
	Cadmium															N.S.		
	Chlorobenzene															N.S.		
	Cobalt															N.S.		
	Nickel															N.S.		
	Silver															N.S.		
	Thallium															N.S.		
MW-302R	Cobalt															N.S		
	Nickel															N.S.		
MW-303	Arsenic															N.S		
	Cadmium															N.S.		
	Cobalt													(2)		N.S.		
	gamma-BHC (Lindane)															N.S.		
	2,4-D															N.S.		
	4,4-DDT															N.S.		
	Heptachlor															N.S.		
	Nickel															N.S.		
MW-304R	Chromium															N.S		
	Cobalt															N.S		
	Nickel															N.S.		
MW-305	Cobalt															N.S.		
MW-501	Arsenic													(3)		N.S.		
	Beryllium													(3)		N.S.		
	Cadmium													(3)		N.S.		
	Cobalt													(3)	(3)	N.S.		
	Nickel													(3)	(3)	N.S.		
	Zinc													(3)	(3)	N.S.		
Delineation Monitoring Locations																		
MW-29	Benzene															N.S.		
	Cobalt															N.S.		
MW-30	Cobalt															N.S.		
MW-306	Benzene															N.S.		
	Cobalt															N.S.		
MW-307A	Cobalt															N.S.		

Comments:
GWPS = Groundwater Protection Standard
N/A = not applicable; monitoring location was establishing intrawell background.

Table 11
Historic SSIs and SSLs
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Cedar Rapids Linn County Solid Waste Agency Site 2
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Comments Continued:

NE = not evaluated. Statistical analysis could not be conducted due to groundwater sample not collected and analyzed.

N.S. = not sampled

SSI = statistically significant increase over background

SSL - statistically significant level over the groundwater protection standard

(1) As detailed in Table 2, a single double quantification rule (DQR) detection was identified for zinc in GU-O in Fall 2024. The Winter 2025 retest did not confirm the single DQR detection; therefore, a statistically significant increase (SSI) was not identified.

(2) Elevated cobalt concentrations detected at MW-303 were the result of an alternative source (HDR, 2024b) and were not indicative of a release from the landfill. Therefore, the Spring 2024 cobalt concentration was not identified as a statistically significant level (SSL) at MW-303.

(3) The Spring and Fall 2024 SSIs at MW-501 were the result of an alternative source (HDR, 2024b and Foth, 2025b). The Iowa Department of Natural Resources (IDNR) approved the alternative source demonstration (ASD) for MW-501 on September 15, 2025 (IDNR, 2025).

Table 12
Corrective Action Trend Analysis
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Well	Corrective Action Constituent	Trend	N	Analyte/Well Pair Achieved Compliance with GWPS?	Projected Year to Completion* [1,2]
Corrective Action Monitoring Locations					
MW-18	Cobalt	Decreasing (2015)	23	Yes	Fall 2026
MW-19	Cobalt	No Trend	22	No	No Attenuation
MW-20	Benzene	Decreasing (2015)	22	Yes	Spring 2027
	Cobalt	No Trend	22	Yes	Fall 2026
MW-301	Cobalt	Decreasing (2015)	22	No	2036

* To satisfy IAC 113.10(9)e(2)
Permit holder addresses adequacy of corrective measure when trend is not favorable
Permit shall adjust corrective action for financial assurance as completion date warrants

Comments:
GWPS = Groundwater Protection Standard
N = number of samples (since initiation of low-flow sampling in Apr. 2015)
* For remedy completion [IAC 113.10(9)e(2)], compliance with the Groundwater Protection Standard (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).
(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 10) 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 3 years. In accordance with IAC 113.10(9)3(2), a well may not return to assessment monitoring until all detected constituents are below the GWPS.
(2) For the remaining corrective action constituents (i.e., those that have not achieved compliance with the GWPS), the projected year to completion is 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 project initial compliance with the GWPS.

Remedy Implementation:
• Assessments of corrective measures (ACMs) were prepared for benzene in MW-20 (Foth, 2014 and HDR, 2017) and cobalt in MW-18, MW-19, MW-20, and MW-301 (HDR, 2019b). The selected remedies were monitored natural attenuation (MNA) with optimization of the landfill gas and leachate collection systems for source control. The following source control optimizations have been completed:
  • In Summer 2016, leachate collection system renovations were completed which included construction of underground electrical conduits; leachate pump control panels; modular equipment racks; pump installation at LW-3, LW-4, LW-5, LW-7, LW-10, and LW-12; transducers; and associated electrical equipment (HDR, 2017 and 2019a). Construction of the leachate collection system renovation was approved by IDNR in Permit Amendment #16 (IDNR, 2016).
  • In 2019-2020, gas collection and control system improvements were completed which included installation of GW-1R; installation of dewatering pumps in gas wells GW-4, GW-5, GW-11, GW-13, and GW-15; removal and replacement of dewatering pumps in gas wells GW-6, GW-7, GW-9, GW-10, and GW-14; installation of dewatering pumps in leachate extraction wells LW-1 and LW-9; and other dewatering system components including an air compressor, air supply piping, and leachate force main (HDR, 2021 and 2024a).
  • In August 2021, a dewatering pump was installed at leachate extraction well LW-8 (HDR, 2021).
  • In 2023 and 2024, the 30-Acre Cell Improvements project was completed which included construction of the final cover access road, leachate well LW-7 modifications, installation of a toe drain on the west perimeter to facilitate stormwater drainage and protect against lateral seepage (discharging into leachate collection system), abandonment of the 12,000-gallon leachate holding tank (i.e. LW-6), construction of a leachate conveyance bypass to bypass the former leachate holding tank and convey leachate collected from the 30-acre cell to existing leachate conveyance infrastructure and ultimately to the sanitary sewer force main (HDR, 2024d).
• In accordance with the approved ACMs (HDR, 2017 and 2019b), the following activities are conducted to monitor the effectiveness of the landfill gas and leachate system improvements implemented as source control measures for the MNA remedy:
  • Semiannual benzene sampling at MW-20 and the Hydrologic Monitoring System Plan (HMSP)/delineation monitoring wells (see Table 13A).
  • Semiannual cobalt sampling at MW-18, MW-19, MW-20, MW-301, and the HMSP/delineation monitoring wells (see Table 13B).
  • Semiannual groundwater elevations at the HMSP/delineation monitoring wells and whenever groundwater is sampled (see Table 14).
  • Monthly leachate elevation measurements at LW-1 through LW-12 (see Table 15).

Table 12
Corrective Action Trend Analysis
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Remedy Implementation Continued:

- Quarterly leachate elevation measurements in gas extraction wells (see Table 16). The percent of available screen in the gas extraction wells (see Table 17).
- Semiannual measurements of %CH4, %LEL, and pressure content in MW-15, MW-16, MW-20, MW-28, and MW-29 were last conducted in Spring 2018. Since no elevated measurements were observed in Spring 2018, semiannual measurements of %CH4, %LEL, and pressure content in MW-15, MW-16, MW-20, MW-28, and MW-29 were discontinued (HDR, 2019a and 2020).
- In the letter dated September 15, 2025, IDNR approved discontinuing the measurement and evaluation of the gas collection and control system (GCCS) metrics for remedy source control performance (IDNR, 2025). As detailed in the 2024 AWQR (Foth, 2025a), the gas system metrics previously reported measure the performance of the overall Site 2 GCCS which includes the 30-Acre Cell, 13-Acre Cell, and Phases 1-4. Since the operational metrics cannot be isolated to the closed 30-Acre Cell, Foth recommended discontinuing the measurement and evaluation of the GCCS operational metrics for remedy source control performance in the 2024 AWQR (Foth, 2025a).

Conclusions and Recommendations:

- Compliance with the GWPS was achieved for cobalt in MW-18 and MW-20 during the Spring 2024 statistical evaluation and for benzene in MW-20 during the Fall 2024 statistical evaluation. In accordance with 567 IAC 113.10(9)e(2), cobalt in MW-18 and MW-20 and benzene in MW-20 will return to assessment constituents in Spring 2027 and Fall 2027, respectively, as long as concentrations remain below the GWPS during interim statistical evaluations.
- While compliance with the GWPS has not been attained for cobalt in MW-301, a statistically significant decreasing trend was identified. First order attenuation projects a year to completion of 2036 for cobalt in MW-301.
- No trend was identified for cobalt in MW-19 and first order attenuation could not be projected at this time.
- As noted above, discussion regarding the effectiveness of the source control measures is provided in Tables 13A through 17. Consideration is given to the timeframe of construction of improvements and the evaluation of effectiveness of the source control measures.

Table 13A
Corrective Action Monitoring - Benzene Detections
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	Benzene (ug/L)								
Sample Date	**MW-20**	**MW-16**	**MW-28**	**MW-29**	**MW-30**	**MW-306**	**MW-307A**	**MW-307B**	**MW-308**
Spring 2015	6.33	<0.50	0.722	0.947	0.862	0.383	0.495 J	<0.50	<0.50
Fall 2015	5.36	N.S	1.14	2.35	0.444	0.921	N.S.	N.S.	N.S.
Spring 2016	5.36	N.S	0.911	1.08	0.772	0.945	N.S.	N.S.	N.S.
Fall 2016	4.96	N.S	0.498 J	1.10	<0.50	0.674	N.S.	N.S.	N.S.
Spring 2017	5.78	<0.50	0.568	0.663	0.39	0.956	0.499 J	<0.50	<0.50
Fall 2017	4.30	<0.50	0.791	0.936	<0.50	1.02	N.S.	N.S.	N.S.
Spring 2018	5.01	N.S.	0.796	0.412 J	<0.50	0.757	N.S.	N.S.	N.S.
Fall 2018	6.40	N.S.	0.710	1.40	<0.50	0.666	N.S.	N.S.	N.S.
Spring 2019	5.77	<0.50	0.792	0.241 J	<0.50	<0.50	<0.50	<0.50	<0.50
Fall 2019	6.47	<0.50	0.485 J	<0.50	<0.50	0.347 J	0.420 J	<0.50	<0.50
Spring 2020	6.98	<0.50	0.317 J	<0.50	<0.50	0.644	<0.50	<0.50	<0.50
Fall 2020	5.51	<0.50	<0.50	<0.50	<0.50	0.280 J	0.429 J	<0.50	<0.50
Spring 2021	6.12	<0.50	0.228 J	<0.50	<0.50	0.404 J	<0.50	<0.50	<0.50
Fall 2021	5.70	N.S.	N.S.	<0.50	<0.50	<0.50	0.316 J	N.S.	N.S.
Spring 2022	5.34	N.S.	N.S.	<0.50	<0.50	0.473 J	<0.50	N.S.	N.S.
Fall 2022	3.09	N.S.	N.S.	<0.50	<0.50	<0.50	<0.50	N.S.	N.S.
Spring 2023	2.71	N.S.	N.S.	<0.50	<0.50	0.789	<0.50	N.S.	N.S.
Fall 2023	3.66	N.S.	N.S.	<0.50	<0.50	<0.50	<0.50	N.S.	N.S.
Spring 2024	3.47	N.S.	N.S.	<0.50	<0.50	0.381 J	<0.50	N.S.	N.S.
Fall 2024	3.20	N.S.	N.S.	<0.50	<0.50	0.401 J	<0.50	N.S.	N.S.
Spring 2025	4.21	N.S.	N.S.	<0.50	<0.50	<0.50	<0.50	N.S.	N.S.
Fall 2025	4.83	N.S.	N.S.	<0.50	<0.50	<0.50	<0.50	N.S.	N.S.
Statistically Significant Trend	Decreasing			Decreasing	None	Decreasing	Decreasing		
Monitoring Program	Corrective Action	Water Level	Water Level	Delineation	Delineation	Delineation	Delineation	Water Level	Water Level

Comments:

N.S. = not sampled during sampling event

ug/L = micrograms per liter

• In accordance with the approved Assessment of Corrective Measures (ACM) for benzene in MW-20 (HDR, 2017), Table 13A presents the semiannual benzene results collected since the initiation of low-sampling in Apr. 2015 at MW-20 and the Hydrologic Monitoring System Plan (HMSP)/delineation monitoring locations.

• Delineation monitoring locations MW-16, MW-28, MW-307B, and MW-308 are no longer sampled for benzene as part of the delineation monitoring program.

• Sanitas® v10.1 (Sanitas Technologies) software was utilized to evaluate trends. Non-detect data were substituted into 1/2 the reporting limit (RL). Trends were evaluated using the low-flow results collected from Apr. 2015 to current.

• Benzene concentrations downgradient of the closed 30-Acre Cell have been decreasing over time. Corrective action monitoring well MW-20 is the only location with benzene concentrations detected above the RL. Individual benzene concentrations in MW-20 have been below the Groundwater Protection Standard (GWPS) of 5 micrograms per liter (ug/L) since Fall 2022. As indicated in Table 10, compliance with the GWPS was statistically achieved for benzene in MW-20 during the Fall 2024 statistical evaluation.

Table 13B
Corrective Action Monitoring - Cobalt Detections
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	Cobalt (mg/L)															
Sample Date	**MW-18**	**MW-19**	**MW-20**	**MW-301**	**MW-15**	**MW-16**	**MW-22**	**MW-23**	**MW-28**	**MW-29**	**MW-30**	**MW-300**	**MW-306**	**MW-307A**	**MW-307B**	**MW-308**
Spring 2015	0.0152	0.00936	0.00483	0.0135	0.000786	N.S.	0.000211 J	N.S.	N.S.	N.S.	N.S.	0.000268 J	N.S.	N.S.	N.S.	N.S.
Fall 2015	0.0246	0.00931	0.00632	0.00924	0.00152	N.S.	0.000202 J	N.S.	N.S.	N.S.	N.S.	0.013	N.S.	N.S.	N.S.	N.S.
Spring 2016	0.0067	0.0147	0.00376	0.0106	0.000863	N.S.	0.000281 J	N.S.	N.S.	N.S.	N.S.	0.002	N.S.	N.S.	N.S.	N.S.
Fall 2016	0.0179	0.00948	0.00392	0.00745	0.0018	N.S.	0.000321 J	N.S.	N.S.	N.S.	N.S.	0.021	N.S.	N.S.	N.S.	N.S.
Spring 2017	0.00817	0.0133	0.00296	0.0093	0.00186	N.S.	0.000274 J	N.S.	N.S.	N.S.	N.S.	0.007	N.S.	N.S.	N.S.	N.S.
Summer 2017	0.00746	N.S.	N.S.	N.S.	0.00184	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
Fall 2017	0.00987	0.0156	0.00362	0.0076	0.00136	N.S.	0.00024 J	N.S.	N.S.	N.S.	N.S.	0.014	N.S.	N.S.	N.S.	N.S.
Spring 2018	0.00657	0.0198	0.00271	0.00465	0.00147	0.00117	~~0.000779 o~~	0.000205 J	0.00183	0.00169	0.000308 J	0.00941	0.00238	0.000954	0.000483 J	0.000317 J
Fall 2018	0.00612	0.0172	0.00516	0.00308	0.00162	N.S.	0.000317 J	N.S.	0.00149	0.0023	0.000359 J	0.00583	0.00293	N.S.	N.S.	N.S.
Spring 2019	0.0051	0.0152	0.00556	0.00766	0.00258	0.000796	0.000302 J	N.S.	0.00149	0.00182	0.000373 J	0.00124	0.00127	0.00187	0.000264 J	0.000205 J
Fall 2019	0.00407	0.0124	0.00265	0.00546	0.00193	0.000649	0.000339 J	N.S.	0.0016	0.00103	0.000293 J	0.00249	0.00234	0.000689	0.000151 J	<0.000091
Spring 2020	0.00271	0.0145	0.00273	0.007	0.00239	0.00085	0.000312 J	0.0014	0.00161	0.00453	0.000288 J	0.000422 J	0.00168	0.00455	0.000144 J	0.000112 J
Fall 2020	0.00362	0.0154	0.00351	0.0064	0.00357	0.000703	0.000357 J	0.00088	0.00138	0.000972	0.000235 J	0.0024	0.00245	0.00125	<0.000091	<0.000091
Spring 2021	0.00338	0.0149	0.00494	0.0048	0.00143	0.000739	0.000335	0.000178 J	0.00141	0.000842	0.000302 J	0.000204 J	0.00197	0.00151	<0.000091	0.000135 J
Fall 2021	0.00591	0.0129	0.00567	0.00941	0.00467	N.S.	0.000581	N.S.	N.S.	0.001	0.000826	0.00416	0.00194	0.000887	N.S.	N.S.
Spring 2022	0.00446	0.00707	0.00344	0.0045	0.000701	N.S.	0.000492 J	N.S.	N.S.	0.000939	0.000458 J	<0.0005	0.00216	0.00181	N.S.	N.S.
Fall 2022	0.00496	0.015	0.00515	0.00498	0.00365	N.S.	0.000438 J	N.S.	N.S.	0.00078	0.000579	0.00525	0.00189	0.000752	N.S.	N.S.
Spring 2023	0.00255	0.0156	0.00339	0.00273	0.00351	N.S.	0.000481 J	N.S.	N.S.	0.00181	0.000562	0.000241 J	0.00203	0.00232	N.S.	N.S.
Fall 2023	0.0071	0.019	0.00562	0.00517	0.0033	N.S.	0.000401 J	N.S.	N.S.	0.00137	0.000645	0.0202	0.0019	0.000793	N.S.	N.S.
Spring 2024	0.00346	0.00852	0.0018	0.00424	0.00206	N.S.	0.000278 J	N.S.	N.S.	0.00495	0.0258	<0.0005	0.00223	0.00594	N.S.	N.S.
Fall 2024	0.00709	0.0154	0.00422	0.0059	0.00306	N.S.	0.000335 J	N.S.	N.S.	0.000635	0.00074	0.00288	0.00158	0.00263	N.S.	N.S.
Spring 2025	0.00506	0.011	0.00237	0.00494	0.00154	N.S.	0.000341 J	N.S.	N.S.	0.000724	0.00274	< 0.0005	0.0016	0.00763	N.S.	N.S.
Fall 2025	0.0036	0.0183	0.00204	0.0066	0.00418	N.S.	0.00037 J	N.S.	N.S.	0.000692	0.00035 J	0.000389 J	0.00223	0.00234	N.S.	N.S.
Statistically Significant Trend	Decreasing	None	None	Decreasing	Increasing		Increasing			None	None	None	None	None		
Monitoring Program	Corrective Action	Corrective Action	Corrective Action	Corrective Action	Assessment	Water Level	Assessment	Water Level	Water Level	Delineation	Delineation	Assessment	Delineation	Delineation	Water Level	Water Level

Comments:

mg/L = milligrams per liter

N.S. = not sampled during sampling event

• In accordance with the approved Assessment of Corrective Measures (ACM) for cobalt in MW-18, MW-19, MW-20, and MW-301 (HDR, 2019b), Table 13B presents the semiannual cobalt results collected since the initiation of low-flow sampling in Apr. 2015 at the corrective action and Hydrologic Monitoring System Plan (HMSP)/delineation monitoring locations. Note that results from quarterly sampling events are also presented on this table, where applicable.

• Delineation monitoring locations MW-16, MW-28, MW-307B, and MW-308 and HMSP monitoring location MW-23 are no longer sampled for cobalt as part of the delineation monitoring program.

• Sanitas® v10.1 (Sanitas Technologies) software was utilized to evaluate trends. Non-detect data were substituted into 1/2 the reporting limit (RL). Trends were evaluated using the low-flow results collected from Apr. 2015 to current.

• For the corrective action monitoring locations, decreasing trends were identified for cobalt in MW-18 and MW-301. No trends were identified at MW-19 and MW-20. As indicated in Table 12, compliance with the Groundwater Protection Standard (GWPS) was statistically achieved for cobalt in MW-18 and MW-20 during the Spring 2024 statistical evaluation and remained during the Fall 2025 statistical evaluation. First order attenuation projects a year to completion of 2036 for cobalt in MW-301. The results for the corrective action monitoring wells generally indicate progress with the monitored natural attenuation (MNA) remedy.

Table 13B
Corrective Action Monitoring - Cobalt Detections
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Comments Continued:

• For the assessment and delineation monitoring locations, no SSLs over the GWPS have been identified to date. No trends were identified for cobalt in MW-29, MW-30, MW-300, MW-306, and MW-307A. While statistically significant increasing trends were identified for cobalt in MW-15 and MW-22, both trends appear more recently stable. In addition, the slopes of the increasing trend lines were low (i.e., 0.0002053 mg/L/year for MW-15 and 0.0000165 mg/L/year for MW-22). Cobalt trends in MW-15 and MW-22 will continue to be monitored closely in 2026.

Table 14
Corrective Action Monitoring - Historical Groundwater Elevations
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Monitoring Well	Current Monitoring Program (Fall 2025)	2009		2010		2011		2012		2013		2014		2015		2016		2017	
		Spring	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring	Fall
MW-9AR	Background	---	836.84	836.21	836.71	835.65	836.31	836.26	835.02	835.09	835.71	834.57	835.67	835.20	835.45	842.08	834.45	835.46	833.95
MW-15	Assessment	813.36	811.67	814.45	812.05	813.20	810.70	813.47	809.60	810.36	810.23	811.94	811.38	813.43	810.16	814.28	811.47	812.39	810.02
MW-16	Not in HMSP	814.36	814.13	816.63	813.47	814.83	812.89	815.05	811.85	812.12	812.75	813.10	813.56	814.23	812.67	---	813.11	813.40	812.55
MW-18	Corrective Action	822.84	820.51	826.71	821.41	823.21	820.11	823.25	819.32	819.80	819.83	820.74	821.30	823.47	819.47	825.11	820.06	821.16	819.15
MW-19	Corrective Action	840.69	839.68	844.30	839.95	840.58	839.27	840.91	837.29	838.61	838.72	839.82	839.82	840.31	838.29	841.65	837.36	839.74	837.63
MW-20	Corrective Action	811.04	812.01	817.21	811.62	813.23	810.25	813.71	809.47	810.33	810.20	811.42	811.09	812.58	809.97	815.53	810.73	811.42	809.64
MW-22	Assessment	838.13	837.52	838.36	837.51	837.59	837.15	838.27	835.03	837.00	835.94	837.15	836.81	837.59	836.57	838.67	836.35	837.01	835.37
MW-23	Not in HMSP	839.96	839.57	840.43	839.77	840.15	839.05	840.28	836.74	840.00	837.72	840.29	840.18	840.21	838.46	---	839.91	---	---
MW-24	Assessment	810.92	809.94	812.25	810.81	810.91	808.82	809.88	807.57	810.85	808.22	810.59	809.92	810.18	808.72	812.47	809.64	809.49	808.27
MW-26A	Assessment	817.27	816.84	817.67	810.52	810.22	808.69	809.50	808.61	809.47	808.46	810.07	809.90	809.61	808.74	811.75	809.74	809.41	808.59
MW-27	Not in HMSP	812.73	811.05	815.31	811.73	813.01	810.53	813.01	809.75	810.35	810.27	811.46	811.07	811.96	810.15	---	811.03	---	Dry
MW-28	Not in HMSP	811.98	811.08	814.65	811.04	812.22	809.91	812.30	809.15	809.86	809.66	810.80	810.43	811.26	809.59	813.01	810.46	810.98	809.48
MW-29	Delineation	813.17	811.46	815.29	811.81	813.43	811.11	813.27	809.60	810.32	810.14	811.63	811.07	812.38	810.05	813.93	811.08	811.83	809.87
MW-30	Delineation	812.36	811.06	813.59	811.45	812.65	810.17	812.25	809.20	809.88	809.61	811.29	810.81	812.08	809.88	813.42	811.00	811.33	809.51
MW-201A	Not in HMSP	---	---	---	---	---	---	865.09	856.53	---	862.03	861.77	864.52	864.80	860.31	---	---	---	---
MW-201B	Background	---	---	---	---	---	---	845.96	843.41	844.86	844.39	843.35	845.34	845.76	846.16	846.98	847.20	846.48	845.64
MW-201C	Not in HMSP	---	---	---	---	---	---	823.29	814.58	---	814.35	815.14	817.53	817.02	816.87	---	---	---	---
MW-204A	Not in HMSP	---	---	---	---	---	808.88	816.28	812.18	---	810.30	812.75	813.57	815.70	811.18	---	---	---	---
MW-204C	Not in HMSP	---	---	---	---	---	---	816.19	811.50	---	811.87	809.42	812.62	811.24	812.44	---	---	---	---
MW-211A [1]	Not in HMSP	---	---	---	---	---	---	849.13	838.76	839.87	840.59	838.77	845.91	847.72	841.53	849.01	843.88	844.48	839.14
MW-211D	Not in HMSP	---	---	---	---	---	---	815.76	809.88	---	809.77	810.48	812.37	811.80	811.20	---	---	---	---
MW-213A	Not in HMSP	---	---	---	---	---	---	816.40	814.68	---	813.81	816.05	817.43	817.12	818.19	---	---	---	---
MW-213D	Not in HMSP	---	---	---	---	---	---	815.61	809.76	---	809.65	810.63	812.70	812.04	811.21	---	---	---	---
MW-213E	Not in HMSP	---	---	---	---	---	---	815.65	809.77	---	809.67	810.62	812.69	811.99	810.87	---	---	---	---
MW-214 [1]	Not in HMSP	---	---	---	---	---	---	826.36	823.19	824.43	823.88	823.94	825.10	825.51	823.96	827.84	825.08	824.65	823.51
MW-215 [1]	Not in HMSP	---	---	---	---	---	---	815.40	809.12	812.28	810.08	813.46	813.89	815.25	811.14	816.39	814.24	814.70	810.25
MW-216	Not in HMSP	838.92	837.62	839.02	838.18	837.30	836.88	838.39	834.15	---	836.12	836.42	837.30	838.45	836.11	---	---	---	---
MW-218	Not in HMSP	---	---	---	---	---	---	---	---	---	807.92	---	809.74	809.12	808.72	---	---	---	---
MW-300	Assessment	---	---	849.98	849.53	851.23	848.24	850.10	845.23	848.85	846.24	850.55	849.11	850.90	846.90	850.60	848.32	849.23	846.29
MW-301	Corrective Action	---	---	814.31	812.36	812.89	811.15	813.84	809.95	811.05	810.58	811.20	811.86	813.42	810.54	816.16	811.34	811.85	810.24
MW-302R [2]	Assessment	---	---	817.65	817.05	817.70	816.00	818.27	812.11	818.19	814.27	817.83	817.31	818.40	816.15	818.71	816.23	818.12	812.98
MW-303	Assessment	---	---	810.48	809.64	809.28	808.20	808.80	807.01	808.59	807.94	809.15	809.43	808.83	808.32	810.57	808.94	808.94	807.89
MW-304R [3]	Assessment	---	---	809.45	809.30	808.27	808.57	808.39	806.19	805.52	807.39	806.29	808.06	806.53	807.70	809.20	809.06	808.05	807.79
MW-305	Assessment	---	---	---	---	---	---	---	---	813.45	810.14	809.45	811.41	810.60	810.48	813.09	812.09	811.12	810.10
MW-306	Delineation	---	---	---	---	---	---	---	---	810.34	809.32	809.90	809.73	810.14	809.29	811.23	810.78	811.06	810.19
MW-307A	Delineation	---	---	---	---	---	---	---	---	810.59	809.56	810.91	810.01	810.53	809.59	811.25	---	811.43	---
MW-307B	Not in HMSP	---	---	---	---	---	---	---	---	804.75	809.97	810.77	810.93	810.95	810.28	810.36	---	812.29	---
MW-308	Not in HMSP	---	---	---	---	---	---	---	---	811.19	809.69	810.58	810.78	811.10	810.28	811.97	---	811.93	---
MW-501	Detection	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-502	Future Detection	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Table 14
Corrective Action Monitoring - Historical Groundwater Elevations
2025 Annual Water Quality Report
Cedar Rapids Linn County Solid Waste Agency Site 2
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Monitoring Well	Current Monitoring Program (Fall 2025)	2018		2019		2020		2021		2022		2023		2024		2025	
		Spring	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring	Fall
MW-9AR	Background	---	856.00	857.08	856.22	856.67	855.72	856.78	855.88	857.00	853.45	856.28	853.25	856.53	855.50	856.31	856.16
MW-15	Assessment	812.25	812.66	814.14	812.10	814.05	811.74	814.15	810.38	814.12	809.80	812.14	809.28	812.72	811.07	814.11	813.08
MW-16	Not in HMSP	813.44	815.64	817.01	814.11	816.48	814.08	817.01	812.78	815.28	812.64	814.72	812.53	813.93	814.08	815.28	816.11
MW-18	Corrective Action	821.47	821.46	824.24	821.24	823.84	823.26	824.34	819.69	824.39	819.19	821.39	819.11	822.27	820.66	822.85	822.00
MW-19	Corrective Action	837.78	839.92	842.93	840.73	842.52	840.13	842.47	839.20	843.08	837.68	840.01	837.04	840.78	839.29	841.67	840.82
MW-20	Corrective Action	810.98	812.31	815.84	810.83	814.08	810.98	814.79	809.84	813.94	809.44	811.62	809.16	811.37	810.62	813.26	812.79
MW-22	Assessment	833.85	836.98	837.30	837.12	838.35	837.67	832.12	830.43	832.30	828.69	830.85	829.59	831.56	831.00	831.30	830.81
MW-23	Not in HMSP	839.74	---	---	---	841.08	839.70	840.55	838.71	841.03	837.66	840.25	838.76	840.60	839.51	840.58	840.36
MW-24	Assessment	809.80	810.86	813.53	810.54	811.81	810.56	811.98	810.01	811.62	808.35	809.85	808.13	811.15	809.56	811.62	811.78
MW-26A	Assessment	809.45	810.85	812.86	810.35	811.23	810.55	811.61	809.44	811.15	Dry	809.80	Dry	810.61	809.65	811.01	811.65
MW-27	Not in HMSP	810.99	812.08	---	---	813.30	811.20	813.90	810.23	813.07	809.83	811.54	809.50	811.43	810.70	812.81	812.51
MW-28	Not in HMSP	810.58	811.43	813.54	810.63	812.51	810.63	813.03	809.70	812.34	809.32	810.93	809.04	810.87	810.10	812.11	811.82
MW-29	Delineation	811.55	812.29	814.08	811.50	813.51	811.38	813.67	810.12	813.42	809.61	811.75	809.18	811.81	810.77	813.23	812.45
MW-30	Delineation	811.25	811.82	813.15	811.40	812.87	811.02	812.99	810.04	812.85	809.29	811.19	808.62	811.68	810.32	812.79	812.18
MW-201A	Not in HMSP	---	---	---	---	864.92	864.84	864.90	859.06	865.35	858.54	864.61	861.79	865.45	863.34	865.62	865.17
MW-201B	Background	845.26	847.29	847.01	846.70	847.01	847.07	847.61	846.70	847.86	846.25	847.51	844.75	861.47	849.16	848.93	847.31
MW-201C	Not in HMSP	---	822.13	---	---	822.58	822.50	823.38	817.67	820.43	816.46	820.26	818.48	817.81	817.33	821.00	822.69
MW-204A	Not in HMSP	---	817.54	---	---	818.03	816.69	---	816.54	817.12	809.99	812.80	811.01	815.34	814.74	816.53	816.59
MW-204C	Not in HMSP	---	816.33	---	---	815.32	814.63	---	811.67	813.50	812.30	814.96	814.02	812.39	815.57	814.03	815.99
MW-211A [1]	Not in HMSP	841.70	847.79	847.04	843.31	849.28	843.65	850.91	839.16	849.98	838.78	843.99	842.52	844.74	842.15	848.68	845.29
MW-211D	Not in HMSP	---	847.79	---	---	815.82	---	---	857.04	814.15	811.19	813.97	812.45	813.11	812.82	814.26	816.26
MW-213A	Not in HMSP	---	---	---	---	---	---	---	814.94	816.74	813.18	816.96	815.41	817.64	817.78	817.07	816.58
MW-213D	Not in HMSP	---	---	---	---	---	---	---	810.73	813.73	810.62	813.39	812.39	812.50	812.55	814.04	815.74
MW-213E	Not in HMSP	---	---	---	---	---	---	---	810.77	813.74	810.63	813.42	812.46	812.49	812.56	814.09	815.77
MW-214 [1]	Not in HMSP	824.24	826.29	827.38	826.05	827.18	825.59	828.32	824.16	827.08	823.51	824.84	823.27	825.81	824.60	825.79	828.79
MW-215 [1]	Not in HMSP	814.38	814.83	815.53	815.16	815.38	814.49	816.37	811.58	815.73	809.97	814.69	813.06	815.23	813.71	815.57	815.01
MW-216	Not in HMSP	---	---	---	---	838.53	---	---	836.87	839.42	835.98	838.24	836.67	838.55	837.53	839.41	837.03
MW-218	Not in HMSP	809.27	812.27	---	811.32	811.74	811.60	---	810.07	811.52	809.44	810.89	809.42	811.06	810.93	811.21	812.63
MW-300	Assessment	849.46	848.96	850.12	849.10	849.86	848.72	849.82	848.06	850.15	846.25	849.07	845.72	849.17	847.99	849.65	849.37
MW-301	Corrective Action	811.95	812.76	815.20	812.04	814.79	811.98	815.85	811.62	814.58	810.22	812.28	810.01	812.43	811.18	813.72	813.46
MW-302R [2]	Assessment	818.58	818.72	818.96	818.69	818.72	817.24	---	818.97	817.84	818.08	817.53	816.90	817.53	820.13	818.57	819.89
MW-303	Assessment	808.87	810.65	812.26	809.93	810.55	810.26	811.29	808.79	811.05	807.96	809.44	807.42	810.11	809.37	810.49	815.53
MW-304R [3]	Assessment	807.36	800.83	810.78	809.78	809.77	807.77	810.54	808.68	809.73	808.44	809.69	807.18	808.42	810.38	809.58	811.20
MW-305	Assessment	810.53	813.19	813.95	813.95	813.55	813.60	814.00	812.25	812.54	810.21	811.74	808.56	811.84	813.16	812.74	814.06
MW-306	Delineation	810.79	811.23	812.49	810.92	811.70	810.79	812.26	810.60	812.01	810.16	811.01	807.91	811.05	810.44	811.79	811.64
MW-307A	Delineation	811.73	812.70	813.63	812.36	813.27	812.25	813.61	811.92	813.40	811.49	812.47	811.28	812.46	811.81	813.24	812.91
MW-307B	Not in HMSP	811.16	813.94	815.63	813.31	814.02	813.18	814.71	812.41	813.71	812.05	813.16	811.11	812.88	812.67	813.67	814.31
MW-308	Not in HMSP	811.53	813.49	814.48	813.21	813.39	812.88	814.17	812.34	813.63	811.76	812.81	810.46	813.09	810.53	811.92	811.97
MW-501	Detection	---	---	---	---	---	---	816.57	814.49	816.17	812.87	815.19	811.79	815.74	815.05	815.57	816.72
MW-502	Future Detection	---	---	---	---	---	---	810.90	810.57	810.81	810.10	810.79	808.96	811.29	810.57	810.77	811.00

Table 14
Corrective Action Monitoring - Historical Groundwater Elevations
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Cedar Rapids Linn County Solid Waste Agency Site 2
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Comments:

"--" Denotes groundwater measurement was not collected.

(1) MW-211A, MW-214, and MW-215 were removed from the background monitoring network in the 2021 *Hydrologic Monitoring System Plan* (HDR, 2021).

(2) MW-302 was replaced with MW-302R on 09/07/2021 in the same location.

(3) MW-304 was replaced with MW-304R on 08/31/2020 in the same location.

• Elevations are in units of feet above mean sea level (ft amsl).

• This table presents the semiannual groundwater elevations at Site 2 to monitor the performance of source control measures implemented for the benzene and cobalt groundwater remedies (HDR, 2017 and 2019b).

Table 15
Corrective Action Monitoring - Monthly Leachate Extraction Well Elevations
2025 Annual Water Quality Report
Cedar Rapids Linn County Solid Waste Agency Site 2
Permit No. 57-SDP-01-72P

	Monthly Leachate Elevations (ft amsl) in Leachate Extraction Wells - Closed 30-Acre Cell [1]										
Month/Year	**LW-1**	**LW-2**	**LW-3**	**LW-4**	**LW-5**	**LW-7**	**LW-8**	**LW-9**	**LW-10**	**LW-11**	**LW-12**
Leachate Levels Collected Prior to Leachate Collection System Renovations											
Jan. 2015	844.05	850.26	850.46	846.25	834.77	865.01	865.38	858.23	855.65	857.94	843.28
Feb. 2015	843.64	849.88	849.56	845.77	834.44	864.58	864.43	857.57	854.67	857.79	844.29
Mar. 2015	845.80	851.54	850.42	845.88	834.38	867.63	864.79	857.40	855.74	859.14	846.81
Apr. 2015	842.95	853.17	852.67	847.37	835.03	867.26	866.90	859.73	857.43	859.99	850.15
May 2015	842.49	852.53	852.93	847.88	835.68	866.30	867.24	860.75	857.83	859.64	838.72
Jun. 2015	842.57	852.84	853.63	848.33	835.71	866.76	867.14	860.40	858.30	859.69	843.68
Jul. 2015	842.41	852.36	852.92	848.71	835.98	862.69	866.41	859.30	857.74	860.69	837.80
Aug. 2015	839.70	850.79	851.62	847.91	835.43	860.63	864.98	857.99	856.17	858.94	838.35
Sept. 2015	841.44	849.86	850.31	846.59	834.95	862.36	863.77	857.15	854.80	858.19	834.70
Oct. 2015	841.97	849.44	849.50	845.77	834.34	862.10	862.99	856.67	853.75	857.69	840.30
Nov. 2015	839.43	849.43	849.26	845.10	834.82	863.93	864.65	857.80	855.35	859.09	845.37
Dec. 2015	839.55	850.42	851.46	845.85	833.74	857.38	865.04	857.83	856.05	859.31	847.22
Jan. 2016	838.95	852.40	853.00	848.31	835.35	863.96	866.39	859.39	857.58	855.04	851.25
Feb. 2016	839.55	852.42	852.69	848.11	835.28	866.38	866.51	859.51	858.28	860.09	852.58
Mar. 2016	842.95	853.08	853.70	848.62	834.99	865.63	867.08	859.91	858.85	860.39	854.45
Apr. 2016	840.54	854.01	854.15	849.65	835.45	865.63	867.73	860.70	859.93	861.39	856.08
May 2016	843.02	853.09	853.50	849.39	833.66	863.73	867.34	860.36	859.51	861.79	856.25
Jun. 2016	849.35	851.74	838.55	834.20	819.35	852.36	865.60	859.27	843.80	856.73	834.23
Average	**842.24**	**851.63**	**851.13**	**846.65**	**834.08**	**863.57**	**865.80**	**858.89**	**856.19**	**859.09**	**845.31**
Leachate levels Collected after 2016 Leachate Collection System Renovations (HDR, 2017 and 2019a)											
Jul. 2016	849.81	851.25	839.43	833.59	819.84	852.64	865.71	858.77	845.19	855.60	845.10
Aug. 2016	852.52	851.62	838.54	833.29	820.53	852.99	866.12	858.88	844.42	855.45	830.11
Sept. 2016	854.29	852.34	838.81	833.47	819.51	852.28	866.96	859.59	844.36	855.66	835.35
Oct. 2016	853.72	851.10	838.27	833.55	819.95	852.79	865.17	857.86	844.59	854.98	835.92
Nov. 2016	853.85	851.21	838.56	833.89	819.93	851.98	865.45	858.40	844.52	854.97	835.66
Dec. 2016	853.50	850.98	838.74	833.89	818.03	852.59	865.15	858.07	844.64	854.79	834.89
Jan. 2017	853.55	851.27	838.50	833.84	819.45	852.84	865.21	858.15	851.25	854.71	835.72
Feb. 2017	853.49	851.25	837.63	833.95	820.71	853.33	864.97	857.95	851.30	854.48	842.60
Mar. 2017	853.96	851.44	838.39	833.05	820.67	853.36	865.67	858.74	862.66	855.19	836.11
Apr. 2017	855.14	853.01	838.87	832.75	819.56	852.85	867.87	860.72	838.30	855.83	835.21
May 2017	855.08	852.69	838.96	833.57	819.20	851.58	867.53	861.19	838.30	856.02	834.51
Jun. 2017	854.43	851.80	838.78	833.23	819.19	853.21	864.55	860.05	843.51	855.52	836.09
Jul. 2017	853.56	850.97	838.41	832.99	819.65	851.85	865.60	858.92	843.62	855.00	835.31
Aug. 2017	853.13	850.62	838.43	833.31	820.15	851.77	865.20	858.20	844.31	854.63	835.48
Sept. 2017	852.62	848.44	838.78	833.99	820.29	853.34	862.52	855.68	844.57	854.17	836.01
Oct. 2017	852.32	849.69	839.00	833.80	819.89	851.91	863.37	856.74	844.09	853.79	836.02
Nov. 2017	852.08	849.54	839.49	834.07	820.26	852.49	863.39	856.71	844.46	853.46	835.60
Dec. 2017	851.96	849.49	838.94	834.04	819.04	852.29	863.27	856.71	843.39	853.18	835.71
Jan. 2018	851.59	849.18	839.24	834.67	820.75	853.99	862.61	856.33	846.55	852.79	837.70
Feb. 2018	851.57	849.05	838.99	832.53	819.67	853.22	862.78	856.45	843.80	852.71	835.81
Mar. 2018	852.69	850.66	839.29	833.53	820.67	852.73	864.57	857.51	843.47	853.77	835.71
Apr. 2018	853.56	851.90	839.43	833.79	819.85	851.98	865.67	858.11	843.69	854.58	835.44
May 2018	853.82	851.79	838.69	833.91	820.40	852.65	866.90	858.49	844.43	854.72	835.46
Jun. 2018	853.38	851.13	838.40	834.07	820.20	851.76	865.98	857.91	844.24	854.54	835.85
Jul. 2018	853.12	850.73	838.99	832.60	820.04	853.03	865.54	857.48	844.58	854.30	835.04
Aug. 2018	852.82	846.97	839.13	833.21	820.35	851.71	864.93	857.04	844.74	854.05	835.60
Sept. 2018	854.33	852.62	838.81	833.36	--	853.31	867.57	858.57	843.10	854.65	836.06
Oct. 2018	854.61	853.41	848.71	839.86	826.19	851.67	867.99	858.79	844.70	854.66	834.70
Nov. 2018	854.60	851.81	838.99	833.74	820.36	852.66	866.96	858.32	843.97	854.48	836.97
Dec. 2018	854.73	852.35	839.01	833.84	820.25	852.36	865.94	859.06	--	854.78	--
Jan. 2019	854.71	852.35	838.95	833.73	819.52	853.24	867.40	859.91	842.97	855.72	834.23
Feb. 2019	854.63	852.29	846.04	838.77	818.92	860.27	867.11	859.32	844.71	855.35	835.62
Mar. 2019	853.76	851.39	839.35	837.16	822.37	857.93	865.99	858.63	844.18	854.85	834.10

Table 15
Corrective Action Monitoring - Monthly Leachate Extraction Well Elevations
2025 Annual Water Quality Report
Cedar Rapids Linn County Solid Waste Agency Site 2
Permit No. 57-SDP-01-72P

	Monthly Leachate Elevations (ft amsl) in Leachate Extraction Wells - Closed 30-Acre Cell [1]										
Month/Year	**LW-1**	**LW-2**	**LW-3**	**LW-4**	**LW-5**	**LW-7**	**LW-8**	**LW-9**	**LW-10**	**LW-11**	**LW-12**
Apr. 2019	854.63	852.23	849.42	832.99	820.64	852.87	866.63	859.42	843.65	855.56	834.98
May 2019	855.74	854.37	849.42	832.44	844.91	853.29	868.33	860.39	847.71	856.18	834.86
Jun. 2019	855.63	854.46	839.40	833.49	819.38	853.14	867.47	859.88	843.63	855.96	845.27
Jul. 2019	854.57	851.83	839.51	832.78	820.33	852.14	865.60	858.01	844.51	855.31	836.00
Aug. 2019	853.79	851.18	839.06	833.75	820.12	852.03	864.90	857.56	844.32	854.95	835.45
Sep. 2019	853.22	850.60	839.26	833.82	820.47	852.47	864.03	856.79	843.42	854.51	835.63
Oct. 2019	853.50	851.29	839.50	833.56	819.22	852.69	865.50	857.33	844.21	855.18	836.02
Nov. 2019	854.57	852.00	839.24	833.62	819.25	852.77	866.80	858.96	844.23	855.31	835.59
Dec. 2019	855.22	852.51	838.20	833.43	819.28	852.10	868.08	860.13	844.82	856.07	835.77
Jan. 2020	854.73	852.87	839.26	833.18	818.98	852.35	867.71	859.95	844.48	855.90	836.14
Feb. 2020	854.66	851.97	838.91	833.21	820.70	852.37	866.53	859.16	844.71	855.55	842.62
Average	**853.71**	**851.40**	**839.77**	**833.85**	**820.67**	**852.88**	**865.76**	**858.43**	**844.80**	**854.86**	**836.23**
Leachate levels Collected after 2020 Gas Collection and Control System Improvements (HDR, 2021 and 2024a)											
Mar. 2020	845.10	851.79	838.75	833.59	820.63	852.18	867.00	848.62	844.30	855.50	835.92
Apr. 2020	846.84	852.54	839.08	834.06	819.72	852.19	867.68	849.39	844.33	856.15	834.62
May 2020	846.19	852.05	838.94	833.74	818.90	852.09	866.64	849.59	844.51	855.92	836.00
Jun. 2020	846.75	852.31	--	833.71	819.02	853.12	867.17	847.71	844.35	855.98	835.29
Jul. 2020	846.65	851.79	839.39	834.02	820.38	852.35	866.66	849.65	844.10	855.88	837.01
Aug. 2020	846.25	850.36	839.22	832.65	820.77	852.06	864.57	850.45	844.61	855.08	835.83
Sep. 2020	846.20	849.84	839.44	834.09	820.16	852.53	863.75	849.68	844.48	855.87	835.28
Oct. 2020	846.69	850.23	839.00	834.06	820.25	852.20	864.64	848.73	844.33	854.57	834.37
Nov. 2020	846.13	850.50	838.84	834.40	817.15	852.85	864.97	848.91	843.76	854.89	836.04
Dec. 2020	846.41	851.09	838.48	833.93	819.34	852.42	865.67	849.66	843.96	855.39	835.72
Jan. 2021	847.22	850.86	839.24	834.10	820.76	853.08	864.74	849.59	843.66	855.10	832.99
Feb. 2021	846.97	850.53	840.31	836.50	821.87	852.58	864.68	849.66	843.60	854.98	835.54
Mar. 2021	846.65	852.29	839.40	832.83	820.32	849.71	866.64	849.61	844.51	856.59	834.84
Apr. 2021	847.05	852.63	839.36	833.84	819.98	851.75	867.83	849.64	844.61	856.29	833.11
May 2021	853.94	850.71	839.31	833.95	820.02	851.69	863.91	849.54	843.86	855.64	835.99
Jun. 2021	846.98	850.21	839.28	832.50	819.22	852.36	864.15	849.53	843.70	855.26	835.46
Jul. 2021	846.50	850.49	839.25	833.14	820.56	851.98	864.65	849.66	844.81	855.32	836.03
Aug. 2021	847.31	850.19	839.04	833.64	820.31	--	864.07	849.56	843.49	854.75	835.90
Sep. 2021	846.05	850.13	839.37	833.26	819.42	853.12	846.82	849.52	844.71	854.44	834.93
Oct. 2021	846.62	849.26	839.20	834.01	819.60	851.77	847.15	849.59	845.57	854.13	834.78
Nov. 2021	847.41	849.54	839.44	833.71	819.90	852.02	846.10	849.61	844.80	854.83	836.58
Dec. 2021	846.94	849.62	839.33	833.27	820.10	853.13	847.30	849.36	844.45	854.23	835.74
Jan. 2022	846.25	849.42	839.35	833.13	819.57	852.56	845.98	849.58	844.55	854.30	835.97
Feb. 2022	843.79	849.25	839.13	832.80	820.25	850.16	847.90	849.06	846.30	854.12	833.17
Mar. 2022	846.25	849.13	838.87	833.94	820.31	851.76	847.10	849.52	844.16	853.88	836.10
Apr. 2022	845.69	851.71	839.40	832.87	819.79	862.51	846.85	849.47	843.97	856.40	835.53
May 2022	846.41	852.54	839.34	833.85	819.49	852.40	846.20	847.74	844.04	856.14	835.48
Jun. 2022	846.69	850.97	839.30	833.30	820.70	852.90	846.36	849.26	844.22	855.18	836.13
Jul. 2022	846.70	850.28	839.19	833.91	820.42	852.53	847.11	849.45	844.03	855.05	835.93
Aug. 2022	847.35	849.87	839.23	834.00	818.97	851.66	846.53	849.39	844.00	854.85	835.00
Sep. 2022	845.03	849.45	839.25	833.41	820.72	852.07	847.30	849.35	843.90	854.62	834.93
Oct. 2022	846.15	849.03	839.21	833.10	819.63	852.54	847.25	849.44	844.73	854.28	860.20
Nov. 2022	846.67	848.48	839.00	833.83	820.49	852.67	849.24	849.21	844.80	854.03	835.08
Dec. 2022	846.59	848.56	838.83	833.86	819.99	853.11	846.07	848.36	843.79	854.02	832.48
Jan. 2023	847.25	848.79	839.43	833.35	820.65	852.36	847.00	849.50	844.41	854.83	836.11
Feb. 2023	846.94	849.39	838.99	832.81	819.21	853.36	846.34	849.57	844.11	854.66	836.02
Mar. 2023	847.29	851.07	839.41	833.19	819.10	851.63	846.42	849.00	843.89	855.58	835.92
Apr. 2023	846.20	850.94	838.56	833.73	820.15	852.36	847.31	849.19	843.36	855.74	833.48
May 2023	847.38	850.77	838.92	833.95	819.53	853.29	847.28	849.45	844.33	855.46	835.89
Jun. 2023	847.26	850.22	839.19	833.53	820.52	849.74	848.87	849.51	844.03	855.10	835.96
Jul. 2023	846.96	849.67	838.87	832.83	820.39	853.05	846.60	848.84	844.75	854.75	836.53

Table 15
Corrective Action Monitoring - Monthly Leachate Extraction Well Elevations
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Cedar Rapids Linn County Solid Waste Agency Site 2
Permit No. 57-SDP-01-72P

	Monthly Leachate Elevations (ft amsl) in Leachate Extraction Wells - Closed 30-Acre Cell [1]										
Month/Year	**LW-1**	**LW-2**	**LW-3**	**LW-4**	**LW-5**	**LW-7**	**LW-8**	**LW-9**	**LW-10**	**LW-11**	**LW-12**
Aug. 2023	846.13	849.35	838.89	833.94	820.54	852.76	847.08	849.59	844.58	854.51	836.83
Sep. 2023	847.15	849.03	839.12	833.37	819.69	852.56	846.17	849.35	843.52	854.41	836.92
Oct. 2023	847.36	848.89	839.34	833.82	819.82	853.26	847.23	849.46	844.32	854.35	836.98
Nov. 2023	N.M.	N.M.	N.M.	N.M.	N.M.	N.M.	N.M.	N.M.	N.M.	N.M.	N.M.
Dec. 2023	N.M.	N.M.	N.M.	N.M.	N.M.	N.M.	N.M.	N.M.	N.M.	N.M.	N.M.
Average	**846.74**	**850.36**	**839.17**	**833.63**	**819.96**	**852.52**	**854.57**	**849.33**	**844.28**	**855.07**	**836.01**
Leachate levels Collected after 2023 30-Acre Cell Improvements Project (HDR, 2024d)											
Jan. 2024	853.81	848.22	839.03	833.07	819.40	852.76	846.57	849.62	843.91	853.85	837.01
Feb. 2024	846.26	848.50	839.49	832.73	819.80	853.09	847.19	849.02	848.56	855.60	838.36
Mar. 2024	845.88	848.83	838.86	833.71	820.74	852.80	847.00	849.34	844.79	854.70	838.28
Apr. 2024	846.47	849.52	838.88	833.52	820.15	849.76	854.85	849.68	843.67	855.87	832.50
May 2024	846.71	850.65	838.11	833.25	820.69	862.51	847.18	849.65	844.48	855.85	829.59
Jun. 2024	846.15	851.10	838.99	833.23	820.47	852.59	847.25	849.55	844.63	856.03	835.98
Jul. 2024	846.76	850.95	839.31	833.46	820.02	853.01	847.23	849.46	844.11	855.92	835.87
Aug. 2024	846.93	852.25	839.34	833.06	814.23	853.12	846.95	849.61	844.51	856.87	832.50
Sep. 2024	847.34	851.23	839.34	833.93	814.23	851.95	846.80	848.55	843.81	856.09	835.91
Oct. 2024	846.95	850.26	839.34	833.96	814.23	852.31	846.12	849.46	844.78	855.59	836.03
Nov. 2024	846.94	850.80	839.09	833.40	820.26	852.81	846.42	849.60	844.63	856.70	836.05
Dec. 2024	846.90	851.42	838.85	833.73	820.74	853.19	846.76	849.65	843.17	856.01	832.49
Jan. 2025	847.30	851.69	839.44	832.71	820.01	856.95	846.90	848.63	844.59	856.30	835.83
Feb. 2025	853.85	851.18	839.43	833.07	820.57	852.84	846.98	849.53	838.29	855.76	829.59
Mar. 2025	846.50	851.70	839.04	833.23	819.01	849.76	847.90	846.15	844.54	855.73	835.69
Apr. 2025	848.20	852.42	839.52	832.76	819.94	862.29	847.24	849.12	844.54	856.66	837.93
May 2025	847.06	853.20	839.17	833.80	819.92	852.17	846.75	848.46	843.72	857.02	836.55
Jun. 2025	847.20	852.85	839.19	833.31	820.06	852.81	847.20	848.87	844.05	856.33	837.69
Jul. 2025	846.13	852.21	838.93	833.97	819.47	853.03	847.33	849.51	843.42	856.03	835.99
Aug. 2025	847.43	852.31	838.74	833.50	820.47	849.74	848.06	848.11	844.48	856.59	836.88
Sep. 2025	847.30	852.21	839.04	833.61	820.22	852.90	847.23	850.15	844.36	856.31	832.58
Oct. 2025	846.59	851.17	839.42	833.95	819.07	852.72	847.24	850.72	844.57	855.84	836.95
Nov. 2025	847.15	850.84	838.87	833.06	820.67	852.79	847.02	849.42	844.18	855.60	835.93
Dec. 2025	846.75	850.53	838.84	833.71	820.75	853.00	847.13	849.35	844.79	855.47	836.06
Average	**847.44**	**851.09**	**839.09**	**833.41**	**819.38**	**853.37**	**847.39**	**849.22**	**844.19**	**855.95**	**835.34**

Comments:

"--" Indicates the transducer was not working and the level could not be obtained.

ft amsl = feet above mean sea level

GCCS = gas collection and control system

LCS = leachate collection system

N.M. = not measured. During Nov. and Dec. 2023, utility work and leachate collection system improvements were being conducted as part of the 30-Acre Cell Improvements project (HDR, 2024d), which prevented access to personnel for leachate level measurements at wells LW-1 through LW-12.

[1] The underground leachate storage tank (LW-6) was abandoned in late 2023 as part of the 30-Acre Cell Improvements project (HDR, 2024c); therefore, LW-6 was removed from this table in 2024.

• This table presents monthly leachate elevations measured in the leachate extraction wells located in the 30-Acre Cell to monitor the performance of source control measures implemented for the benzene and cobalt groundwater remedies (HDR, 2017 and 2019b).

• After the installation of pumps in LW-3, LW-4, LW-5, LW-7, LW-10, and LW-12 in 2016 (HDR, 2017 and 2019a), a decrease of approximately 9 to 14 feet in average leachate elevations was observed at those locations. In Mar. 2020, pumps were installed in LW-1 and LW-9 as part of the GCCS project (HDR, 2021 and 2024a). As a result, average leachate elevations decreased by approximately 7 feet at LW-1 and approximately 9 feet at LW-9. In August 2021, a leachate pump was installed in LW-8, which has resulted in a leachate elevation decrease of approximately 17 feet. The 2025 review indicates that leachate elevations have remained fairly consistent over the past four years.

Table 16
Corrective Action Monitoring - Quarterly Leachate Elevations in Gas Wells
2025 Annual Water Quality Report
Cedar Rapids Linn County Solid Waste Agency Site 2
Permit No. 57-SDP-01-72P

Month/Year	GW-1R [1]	GW-2	GW-3	GW-4	GW-5	GW-6	GW-7	GW-8	GW-9	GW-10	GW-11	GW-12	GW-13	GW-14
BOS Elevation	855.80	843.21	841.65	854.27	838.07	838.77	845.19	831.91	840.02	839.61	847.55	829.85	844.97	844.94
TOS Elevation	875.80	888.21	888.65	880.27	890.07	901.77	896.19	870.91	899.02	904.61	886.55	869.85	882.97	900.94
Feb. 2016	*Installed March 2020*	869.55	871.52	880.22	867.88	874.81	854.42	854.05	852.89	873.26	852.30	844.06	870.22	858.95
May 2016		873.51	874.45	881.39	872.69	875.96	854.42	855.75	865.86	873.91	852.45	844.16	874.48	859.17
Aug. 2016		871.84	872.44	880.84	861.22	874.59	854.42	846.44	852.84	877.31	852.40	843.09	868.84	859.18
Oct. 2016		870.83	872.98	880.95	861.17	874.19	866.31	846.74	855.44	877.18	862.40	842.55	866.59	867.32
Jan. 2017		871.94	872.15	880.12	866.96	874.49	860.44	846.30	852.82	878.66	854.43	842.43	874.50	875.86
May 2017		873.80	874.75	882.06	871.98	874.14	860.33	846.90	852.82	876.16	852.10	842.56	869.39	858.72
Sept. 2017		871.10	872.63	882.07	869.28	873.48	853.52	846.43	858.72	870.36	852.21	842.34	871.00	857.33
Nov. 2017		869.35	871.64	881.21	867.72	873.15	854.41	846.27	852.93	873.06	852.45	841.85	873.56	859.19
Jan. 2018		867.77	870.13	880.14	866.28	872.49	867.77	845.72	863.46	872.68	865.18	841.16	873.01	870.82
May 2018		871.53	869.86	880.04	863.74	873.27	880.84	846.32	864.09	877.23	873.77	841.36	872.48	877.34
Aug. 2018		869.85	869.39	879.99	867.81	872.01	876.91	846.36	864.55	874.56	851.68	841.29	874.50	879.57
Oct. 2018		873.92	871.37	882.13	871.64	872.30	888.97	847.19	864.66	874.18	867.37	841.06	872.91	885.00
Feb. 2019		874.28	872.83	882.71	873.48	873.76	890.36	847.30	866.28	876.68	884.75	843.24	875.22	887.25
Apr. 2019		875.03	873.39	882.38	874.40	873.66	892.78	848.05	866.34	877.86	887.33	843.34	875.60	888.80
Aug. 2019		872.94	873.32	883.31	873.19	873.46	889.94	847.35	866.03	879.15	888.45	843.36	875.95	887.95
Oct. 2019		874.84	873.29	882.78	873.30	873.57	892.96	847.93	866.69	879.04	887.87	842.79	874.64	889.48
Jan. 2020		875.43	874.61	885.36	872.88	871.11	890.25	848.11	864.34	878.92	889.17	843.30	873.37	888.64
May 2020		876.17	872.54	868.21	852.29	849.41	859.39	848.81	859.06	852.67	872.98	842.69	857.51	861.95
Jul. 2020	866.32	875.14	871.24	868.05	852.19	849.39	859.03	848.45	859.67	852.50	871.38	842.37	857.20	861.85
Nov. 2020	866.43	874.63	869.63	877.59	852.27	849.60	859.38	848.31	858.94	852.82	858.68	842.12	857.26	861.98
Mar. 2021	866.46	873.02	868.08	868.04	852.14	849.48	859.30	848.22	858.94	852.78	858.72	841.71	857.25	862.94
Jul. 2021	866.23	873.37	869.51	868.09	852.26	848.53	859.16	848.09	858.70	852.38	858.59	842.04	857.15	861.79
Sep. 2021	865.84	872.61	868.17	867.90	852.04	848.42	859.20	847.44	858.63	852.63	858.39	841.89	857.25	861.93
Nov. 2021	865.83	874.17	867.67	868.26	852.32	848.76	859.50	847.02	858.88	852.87	858.76	841.38	857.80	862.30
Feb. 2022	865.66	872.31	867.19	870.03	852.07	848.45	859.19	847.19	860.64	852.67	858.66	841.49	857.23	862.84
Apr. 2022	866.00	874.77	868.63	868.51	852.28	849.01	859.69	848.24	860.88	852.91	858.70	841.61	858.08	862.33
Aug. 2022	865.80	872.91	869.33	868.09	852.29	848.59	859.35	847.69	860.35	852.67	858.56	842.84	857.42	862.84
Oct. 2022	865.54	870.96	868.22	868.09	852.10	848.73	859.31	846.92	860.24	852.56	858.61	842.10	857.55	862.93
Jan. 2023	865.63	870.27	867.51	867.87	852.12	848.43	859.21	847.04	860.51	852.18	858.42	841.84	857.10	862.06
Apr. 2023	866.07	874.39	869.71	868.11	852.10	849.08	859.48	848.04	860.36	852.89	868.55	843.20	857.34	863.01
Jul. 2023	865.90	872.80	869.51	868.07	852.07	848.76	859.18	847.87	859.76	852.68	868.77	842.52	857.79	863.04
Oct. 2023	865.48	870.06	868.11	867.98	852.04	848.74	859.24	846.93	859.71	852.78	868.48	841.44	857.87	863.07
Feb. 2024	865.44	870.46	867.24	868.02	852.17	858.94	859.36	846.64	859.91	852.87	868.28	840.95	857.66	863.16
May 2024	866.22	875.06	870.81	868.03	853.47	854.04	859.59	848.55	859.92	853.01	866.78	843.02	858.04	863.27
Sep. 2024	866.58	873.37	871.42	867.94	852.09	854.04	859.28	848.45	859.58	852.92	866.38	844.38	858.07	862.85
Nov. 2024	866.33	871.65	871.45	876.23	852.17	848.79	858.89	848.01	859.45	852.92	858.37	843.67	857.47	862.93

Table 16
Corrective Action Monitoring - Quarterly Leachate Elevations in Gas Wells
2025 Annual Water Quality Report
Cedar Rapids Linn County Solid Waste Agency Site 2
Permit No. 57-SDP-01-72P

Month/Year	GW-1R [(1)]	GW-2	GW-3	GW-4	GW-5	GW-6	GW-7	GW-8	GW-9	GW-10	GW-11	GW-12	GW-13	GW-14
Mar. 2025	866.83	874.56	871.39	867.58	852.11	848.95	859.48	848.32	859.31	852.94	858.57	844.16	857.31	862.92
May 2025	867.09	875.78	872.99	867.57	852.12	849.00	859.39	849.21	859.54	852.96	858.58	844.67	857.25	862.63
Aug. 2025	867.23	876.04	873.27	867.70	852.16	848.88	859.23	848.84	859.38	853.16	873.88	843.70	857.30	862.68
Dec. 2025	866.57	871.64	870.26	867.66	851.98	848.79	863.98	847.54	859.02	853.06	858.31	843.1	861.17	868.33

Comments:

BOS = bottom of screen

EXT. = gas wells were extended and inaccessible; no readings were obtained

N.M. = gas well leachate level not measured

TOS = top of screen

[(1)] GW-1R was installed during the gas expansion project in 2020 (HDR, 2021 and 2024a). The first reading for GW-1R was taken in Jul. 2020.

• Elevations are in units of feet above mean sea level (ft amsl).

• This table presents leachate elevations measured in the gas wells located in the 30-Acre Cell to monitor performance of source control measures implemented for the benzene and cobalt groundwater remedies (HDR, 2017 and 2019b).

• The leachate elevations measured in the gas wells located in the 30-Acre Cell are further evaluated for the percent of screen available in Table 17. Evaluation of performance is provided in Table 17.

Table 17
Corrective Action Monitoring - Gas Well Percent Available Screen Summary
2025 Annual Water Quality Report
Cedar Rapids Linn County Solid Waste Agency Site 2
Permit No. 57-SDP-01-72P

Month/Year	Precipitation (inches)	Percent Available Screen in Gas Wells - 30-Acre Cell													
		GW-1R [(1)]	GW-2	GW-3	GW-4	GW-5	GW-6	GW-7	GW-8	GW-9	GW-10	GW-11	GW-12	GW-13	GW-14
Average Pre-Startup		N.M.	53%	38%	6%	53%	56%	74%	46%	72%	45%	84%	63%	47%	66%
Aug. 2016	7.01	N.M.	36%	34%	0%	55%	43%	82%	63%	78%	42%	88%	67%	37%	75%
Oct. 2016	1.50	N.M.	39%	33%	0%	56%	44%	59%	62%	74%	42%	62%	68%	43%	60%
Jan. 2017	0.88	N.M.	36%	35%	1%	44%	43%	70%	63%	78%	40%	82%	69%	22%	45%
May 2017	4.27	N.M.	32%	30%	0%	35%	44%	70%	62%	78%	44%	88%	68%	36%	75%
Sept. 2017	0.40	N.M.	38%	34%	0%	40%	45%	84%	63%	68%	53%	88%	69%	32%	78%
Nov. 2017	0.57	N.M.	42%	36%	0%	43%	45%	82%	63%	78%	49%	87%	70%	25%	75%
Average 2016-2017		N.M.	37%	34%	0%	46%	44%	75%	63%	76%	45%	83%	69%	33%	68%
Jan. 2018	0.03	N.M.	45%	39%	1%	46%	46%	56%	65%	60%	49%	55%	72%	26%	54%
May 2018	5.59	N.M.	37%	40%	1%	51%	45%	30%	63%	59%	42%	33%	71%	28%	42%
Sept. 2018	8.20	N.M.	41%	41%	1%	43%	47%	38%	63%	58%	46%	89%	71%	22%	38%
Nov. 2018	1.61	N.M.	32%	37%	0%	35%	47%	14%	61%	58%	47%	49%	72%	26%	28%
Feb. 2019	1.99	N.M.	31%	34%	0%	32%	44%	11%	61%	55%	43%	5%	67%	20%	24%
May 2019	7.99	N.M.	29%	32%	0%	30%	45%	7%	59%	55%	41%	0%	66%	19%	22%
Sept. 2019	6.51	N.M.	34%	33%	0%	32%	45%	12%	60%	56%	39%	0%	66%	18%	23%
Nov. 2019	1.28	N.M.	30%	33%	0%	32%	45%	6%	59%	55%	39%	0%	68%	22%	20%
Jan. 2020	0.72	N.M.	28%	30%	0%	33%	49%	12%	58%	59%	40%	0%	66%	25%	22%
Average 2018-Q1 2020		N.M.	34%	35%	0%	37%	46%	21%	61%	57%	43%	26%	69%	23%	30%
May 2020	2.49	N.M.	27%	34%	46%	73%	83%	72%	57%	68%	80%	35%	68%	67%	70%
Jul. 2020	4.49	47%	29%	37%	47%	73%	83%	73%	58%	67%	80%	39%	69%	68%	70%
Nov. 2020	2.15	47%	30%	40%	10%	73%	83%	72%	58%	68%	80%	71%	69%	68%	70%
Mar. 2021	1.77	47%	34%	44%	47%	73%	83%	72%	58%	68%	80%	71%	70%	68%	68%
Jul. 2021	0.79	48%	33%	41%	47%	73%	85%	73%	59%	68%	80%	72%	70%	68%	70%
Sep. 2021	1.65	50%	35%	44%	48%	73%	85%	73%	60%	68%	80%	72%	70%	68%	70%
Nov. 2021	0.77	50%	31%	45%	46%	73%	84%	72%	61%	68%	80%	71%	71%	66%	69%
Feb. 2022	0.25	51%	35%	46%	39%	73%	85%	73%	61%	65%	80%	72%	71%	68%	68%
Apr. 2022	2.51	49%	30%	43%	45%	73%	84%	72%	58%	65%	80%	71%	71%	66%	69%
Aug. 2022	2.76	50%	34%	41%	47%	73%	84%	72%	60%	66%	80%	72%	68%	67%	68%
Oct. 2022	1.90	51%	38%	43%	47%	73%	84%	72%	62%	66%	80%	72%	69%	67%	68%
Jan. 2023	1.19	51%	40%	45%	48%	73%	85%	73%	61%	65%	81%	72%	70%	68%	69%
Apr. 2023	1.44	49%	31%	40%	47%	73%	84%	72%	59%	66%	80%	46%	67%	67%	68%
Jul. 2023	2.09	49%	34%	41%	47%	73%	84%	73%	59%	67%	80%	46%	68%	66%	68%
Oct. 2023	2.96	52%	40%	44%	47%	73%	84%	72%	61%	67%	80%	46%	71%	66%	68%
Feb. 2024	0.26	52%	39%	46%	47%	73%	68%	72%	62%	66%	80%	47%	72%	67%	67%
May 2024	6.78	48%	29%	38%	47%	70%	76%	72%	57%	66%	79%	51%	67%	66%	67%
Sep. 2024	0.09	46%	33%	37%	47%	73%	76%	72%	58%	67%	80%	52%	64%	66%	68%
Nov. 2024	4.15	47%	37%	37%	16%	73%	84%	73%	59%	67%	80%	72%	65%	67%	68%
Mar. 2025	4.26	45%	30%	37%	49%	73%	84%	72%	58%	67%	79%	72%	64%	68%	68%
May 2025	6.78	44%	28%	33%	49%	73%	84%	72%	56%	67%	79%	72%	63%	68%	68%
Aug. 2025	5.36	43%	27%	33%	48%	73%	84%	72%	57%	67%	79%	32%	65%	68%	68%
Dec. 2025	1.24	46%	37%	39%	49%	73%	84%	63%	60%	68%	79%	72%	67%	57%	58%
Average Q2 2020-Q4 2025		48%	33%	40%	44%	73%	83%	72%	59%	67%	80%	61%	68%	67%	68%

Comments:

% = percent

N.M. - no measurement was taken.

[(1)] GW-1R was installed during the gas expansion project in 2020 (HDR, 2021 and 2024a). The first reading for GW-1R was taken in Q3 (Jul.) of 2020.

• This table presents the percent screen available based on the leachate elevations measured in the gas wells located in the 30-Acre Cell. Results are utilized to monitor the performance of source control measures implemented for the benzene and cobalt groundwater remedies (HDR, 2017 and 2019b).

• Averages of the screen available prior to and following the leachate collection system improvements completed in 2016 and 2020, as further discussed in Table 12, are shown in the gray highlighted rows.

Table 17
Corrective Action Monitoring - Gas Well Percent Available Screen Summary
2025 Annual Water Quality Report
Cedar Rapids Linn County Solid Waste Agency Site 2
Permit No. 57-SDP-01-72P

Comments:

• The gas well elevation data indicates leachate extraction efforts resulted in a measurable change in the overall leachate elevations (shown in Tables 15 and 16) and screen availability (shown in Table 17). The 2025 gas well elevations and percent screen available generally indicate continued performance of the previously implemented source control measures.

• The *2024 AWQR* (Foth, 2025a) noted a slight reduction in screen available at GW-1R over 2024, a reduction at GW-4 in Nov. 2024, a reduction at GW-6 in Feb. 2024, and the Apr. 2023 through Sep. 2024 reductions at GW-11. These locations were closely monitored in 2025 to determine whether the short-term reductions are trending toward a longer-term reduction in performance and if additional actions are recommended to address leachate levels at these locations. Review of the quarterly leachate elevations and percent screen available at GW-4, GW-6, and GW-11 did not identify longer-term reductions in performance; therefore, no actions are recommended for these gas wells. At GW-1R, the percent screen availability steadily decreased from 52% to 43% between Feb. 2024 and Aug. 2025, then increased by 3% in Dec. 2025. No maintenance activities are recommended at this time, as approximately 45% of the screen remains open for gas collection and the Dec. 2025 levels suggest a potential shift from the previous decreasing trend. GW-1R will continue to be closely monitored in 2026 to determine whether a longer-term reduction in performance is occurring and if additional actions are recommended to address leachate levels at GW-1R.

Table 18
Leachate Management Summary
2025 Leachate Collection System Performance Evaluation Report
Cedar Rapids Linn County Solid Waste Agency Site 2
Permit No. 57-SDP-01-72P

Month	Leachate Head Levels (feet above liner)				Leachate Collected (gal)	Volume Recirculated (gal)	Discharged to CRWPC (gal)	Precipitation (in)
	LHW-13A	LPT-P1-2	LPT-P3	LPT-P5				
January	0.024	0.00	0.033	0.95	422,320	0	422,320	0.46
February	0.023	0.00	0.025	0.88	315,971	0	315,971	0.38
March	0.025	0.00	0.025	0.91	270,727	0	270,727	4.27
April	0.023	0.00	0.017	0.00	1,095,878	0	1,095,878	3.88
May	0.019	0.00	0.025	0.89	778,518	0	778,518	4.26
June	0.021	0.00	0.025	0.36	532,719	0	532,719	2.97
July	0.022	0.00	0.025	0.43	398,119	0	398,119	9.84
August	0.020	0.00	0.025	0.78	1,041,075	0	1,041,075	5.36
September	0.020	0.00	0.025	0.84	1,110,648	0	1,110,648	1.31
October	0.021	0.00	0.033	0.89	378,598	0	378,598	1.65
November	0.021	0.00	0.025	0.50	564,685	0	564,685	1.81
December	0.026	0.00	0.025	0.68	252,034	0	252,034	1.24
2025 Annual Total					**7,161,290**	**0**	**7,161,290**	**37.43**

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

Comments:
CRWPC = City of Cedar Rapids Water Pollution Control Facility
gal = gallons
in = inches
• The contents of this report are intended to satisfy the requirements set forth in 567 IAC 113.7(5)b and Permit Special Provision X.3.

Maintenance:
• Leachate line cleaning and inspection was conducted in Mar. 2025 by Superior Jetting. A copy of the line cleaning and inspection invoice and work summary is included in Appendix C. The next line cleaning and inspection will be performed in 2028.
• On September 4, 2025, the LP-2 pump was replaced.

Performance:
• 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.
• Leachate head levels are monitored by a pressure transducer in the side slope risers. LHW-13A monitors head levels for the 13-Acre Cell. LPT-P1-P2 monitors head levels in Phases 1 and 2. LPT-P3 monitors head levels in Phases 3 and 4. LPT-P5 monitors head levels in Phase 5A.
• In 2025, there was no correlation between precipitation and leachate head levels.
• At LHW-13A, LPT-P1-2, LPT-P3, and LPT-P5, head levels were below one foot of head over the liner in 2025, indicating compliance with 567 IAC 113.7(5)b(3).

Leachate Recirculation:
• Permit Special Provision X.5 authorizes leachate recirculation in Phases 1 and 2. Leachate recirculation was not conducted in 2025.

Leachate Disposal:
• In 2025, limited correlation was identified between precipitation and leachate volumes.
• The total volume of leachate conveyed via the force main to the CRWPC in 2025 was 7,161,290 gallons, which was similar to the disposal volume reported in 2024 (i.e., 7,158,293 gallons). The 2025 precipitation total of 37.43 inches was slightly less than 2024 (i.e., 43.08 inches), but almost twice the amount of precipitation in 2023 (i.e., 19.34 inches). It is anticipated that the accumulation of waste and use of daily cover in the relatively new Phase 5A cell (constructed in 2021) will result in reductions in the volume of leachate generated at Site 2 over time.
• Laboratory analytical results for leachate testing, as submitted to CRWPC, are included in Appendix C.

Leachate Collection System Description:
• The Site 2 leachate management system is divided into two discrete leachate collection systems: 1) unlined 30-Acre Cell (closed) and 2) lined 13-Acre Cell and Phases 1-5A.

Table 18
Leachate Management Summary
2025 Leachate Collection System Performance Evaluation Report
Cedar Rapids Linn County Solid Waste Agency Site 2
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30-Acre Cell:

• The leachate collection system for the unlined 30-Acre Cell consists of 11 vertical leachate extraction wells originally installed between 1996 and 1997 and are located along the west, north, and east perimeter of the closed cell. Leachate extraction wells are identified as LW-1 through LW-5 and LW-7 through LW-12 in Figure 4. Note that former LW-6 referenced an underground leachate storage tank that was removed as part of the 30-Acre Cell Improvements project (HDR, 2024d). Nine of the leachate wells (LW-1, LW-3, LW-4, LW-5, LW-7, LW-8, LW-9, LW-10, and LW-12) have been retrofitted with modern leachate extraction pumps and pump controls. The remaining extractions wells do not currently function as active leachate extraction points. Prior to Nov. 2023, leachate collected in the vertical wells was conveyed via 2-inch underground force main to an underground 12,000-gallon holding tank located on the east side of the 30-acre closed cell. Accumulated leachate was pumped from the holding tank to a secondary force main pipe discharging to a gravity sewer that drains into the main lift station near the leachate lagoon. Improvements to the 30-acre cell were conducted in late 2023 (HDR, 2024d) which included the abandonment of the underground 12,000-gallon holding tank and LW-6. Leachate collected in the vertical extraction wells is conveyed via a leachate force main and is routed to a manhole connection for the sanitary sewer force main, where it is comingled with leachate from Subtitle D lined portions of Site 2. From the sanitary sewer lift station, leachate is discharged offsite via 4-inch diameter sanitary sewer force main to the City of Marion sanitary sewer system and ultimately to the Cedar Rapids Water Pollution Control Facility.

• Although not formally part of the leachate collection system, CRLCSWA has installed leachate extraction pumps in nine landfill gas wells within the 30-Acre Cell footprint. Leachate from these dual-phase gas/leachate wells is discharged into the force main which ties into the 13-Acre Cell manhole and 30-Acre Cell force main.

13-Acre Cell and Phases 1-5A:

• The 13-Acre Cell was constructed with a Subtitle D and IAC Chapter 113 compliant leachate collection system, including perforated gravity collection lines and an aggregate drainage layer constructed directly above the composite liner surface. A solid gravity collection line on the western edge of the 13-Acre Cell connects the 13-Acre Cell leachate collection system to the Phases 1-5A leachate collection system. Phase 1 and Phase 2 expansion cells were constructed in 2008 and 2010, respectively, using perforated gravity collection lines within the drainage layer directly above the composite liner surface draining from west to east through the Phase 1 and Phase 2 cells. Phase 3 and 4 expansion cells were constructed in 2013, with a leachate collection system similar to Phases 1 and 2. Leachate discharges to a header trench at the toe of the eastern sideslope. A pump house, located at the eastern toe of the Phase 1 sideslope, has two pumps which convey the collected leachate to a manhole east of the storage lagoon. Phase 5A was constructed in 2021 with a leachate collection system similar to Phases 1-4. Phase 5A has a sideslope leachate pump which removes leachate from the Phase 5A sump and transmits leachate via a 3-inch by 6-inch dual contained force main to the leachate manhole. From this manhole, leachate is either routed to the sanitary sewer force main and treated at CRWPCF, as described above, or stored in the 1.3 million gallon leachate storage lagoon. During the reporting period, the leachate lagoon was not utilized and all leachate was routed to the sanitary sewer force main.

Table 19
Methane Monitoring Summary
2025 Methane Monitoring Report
Cedar Rapids Linn County Solid Waste Agency Site 2
Permit No. 57-SDP-01-72P

Monitoring Points			Methane Results (% LEL)							
Name	Type	Location	2/26/2025 - S (Y/N)		6/2/2025 - S (Y/N)		8/29/2025 - S (Y/N)		12/22/2025 - S (Y/N)	
GMP-N	Surface Perimeter	North Property Boundary	0		0		0		0	
GMP-S	Surface Perimeter	South Property Boundary	0		0		0		0	
GMP-W	Surface Perimeter	West Property Boundary	0		0		0		0	
GMP-E	Surface Perimeter	East Property Boundary	0		0		0		0	
BLDG-1	Indoor Facility Structure	Scale House	0		0		0		0	
BLDG-2	Indoor Facility Structure	Office	4		0		0		2	
BLDG-3	Indoor Facility Structure	Resource Recovery Building	0		0		0		0	
BLDG-4	Indoor Facility Structure	Fire Pumphouse	0		0		0		0	
BLDG-5	Indoor Facility Structure	Maintenance Building	0		0		0		0	
BLDG-6	Indoor Facility Structure	Air Compressor Building	0		0		0		0	
BLDG-7	Indoor Facility Structure	LFGTE Building	0		0		0		0	
MW-19	Subsurface Perimeter	North of 30-Acre Cell	0	Y	0	Y	0	Y	0	Y
MW-22	Subsurface Perimeter	North of 30-Acre Cell	6	Y	0	Y	0	Y	20	Y
GP-1	Subsurface Perimeter	Northeast of 30-Acre Cell	0	N	0	Y	0	N	0	N
GP-2	Subsurface Perimeter	East of 30-Acre Cell	0	Y	0	Y	0	Y	0	Y
GP-3R [(1)]	Subsurface Perimeter	East of 30-Acre Cell	0	Y	0	Y	0	N	0	Y
GU-1	Structure - Underdrain	West of 13-Acre Cell	0		0		0		0	

Comments:

% = percent

LEL = lower explosive limit

LFGTE = landfill gas to energy

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

[(1)] GP-3 was replaced with GP-3R in August 2020.

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

• Submerged screens were identified at MW-19, MW-22, and GP-2 during the quarterly methane monitoring events in 2025. In addition, a submerged screen was identified at GP-1 during the 2nd quarter 2025 event and at GP-3R during the 1st, 2nd, and 4th quarter 2025 events. Due to the shallow groundwater depth at these locations (i.e., typically less than 6 feet below ground surface), it is not feasible to screen monitoring wells or gas probes above the uppermost water table and achieve adequate surface seals. When screen submergence is identified at these locations, groundwater serves as a barrier to methane migration.

• The quarterly methane results did not indicate concentrations in exceedance of 25% LEL for facility structures, 100% LEL at subsurface monitoring locations, and 100% LEL at the facility boundary. Based on 567 IAC 113.9(2), no action is required for this facility with regard to methane control at this time.

• Monitoring of potential methane emissions and migration will be conducted on a quarterly basis in 2026 in accordance with the 567 IAC 113.9(2) and Special Provision X.6.

Table 20
Analytical Data Summary
2025 Annual Water Quality Report
Cedar Rapids Linn County Solid Waste Agency Site 2
Permit No. 57-SDP-01-72P

Comments:

The following table presents the groundwater Appendix II analytical data collected since January 2008.

Detections above the laboratory method detection limit (MDL) are shown in **bold**.

DwnGrad = downgradient (compliance) monitoring location.

Bkgrnd = background monitoring location.

Delin = delineation monitoring location.

WL = water level only location. As further discussed in Table 1, these locations were monitored in 2025 to continue to evaluate for background expansion or provide additional data regarding conditions in the Indian Creek floodplain over time.

• MW-302 was replaced with MW-302R on 09/07/2021 in the same location.

• MW-304 was replaced with MW-304R on 08/31/2020 in the same location.

• Monitoring was initiated at MW-502 in Mar. 2021 to establish baseline intrawell background. Compliance monitoring under the detection monitoring program will be initiated at MW-502 following the future construction of Phase 5B (HDR, 2021).

• The following background and downgradient data set adjustments were recommended in 2025 and are listed as crossed-out concentrations in Table 20:

  • Removal of the Oct. 2023, Apr. 2024, and May 2024 arsenic, barium, cadmium, cobalt, lead, and nickel results at MW-501. As further discussed in Table 7 and in the Spring 2025 statistical evaluation, intrawell background was updated in Spring 2025. At MW-501, total suspended solids (TSS) concentrations were elevated during the Oct. 2023, Apr. 2024, and May 2024 sampling events, and a correlation between TSS and metal concentrations was evident. Therefore, the Oct. 2023, Apr. 2024, and May 2024 results at MW-501 were not used to update the intrawell background data set, and were removed from the intrawell background data set prior to conducting statistical analyses.

  • Removal of the Oct. 2021, Oct. 2022, and Apr. 2023 metals in MW-201B due to elevated total suspended solids. As further discussed in Table 7 and in the Spring 2025 statistical evaluation, some correlation was evident when TSS concentrations were greater than 100 mg/L (i.e., in Oct. 2021, Oct. 2022, and Apr. 2023), indicating TSS concentrations likely impacted the metals results during these events.

• Previously incoprorated background and downgradient data set adjustments were maintained and are listed as crossed-out concentrations in Table 20:

  • Removal of the Jan. 2008 through Dec. 2014 data collected using high volume sampling techniques at the background and groundwater monitoring locations.

  • Removal of the GU-1 and GU-L data collected before Oct. 2015 due to elevated reporting limits.

  • Removal of earlier non-detect background data with elevated PQLs including the non-detect lead result with a practical quantitation limit (PQL) of 0.004 mg/L at GU-1; non-detect antimony result with a PQL of 0.006 mg/L at MW-201B; non-detect cadmium results with a PQL of 0.005 mg/L at MW-9AR and MW-201B; non-detect copper result with a PQL of 0.02 mg/L at MW-201B; and non-detect vanadium result with a PQL of 0.05 mg/L at MW-201B.

  • The outliers flagged during prior statistical evaluations were maintained in 2025. Outliers are listed as o-flagged and as crossed-out concentrations. No outliers were flagged during the Spring and Fall 2025 statistical evaluations.

• No data were rejected during data validation in 2025.

Table 20
Analytical Data Summary
2025 Annual Water Quality Report

Cedar Rapids Linn County Solid Waste Agency Site 2
Permit No. 57-SDP-01-72P

Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
1,1,1,2-Tetrachloroethane	2008-01	ug/L					< 1	< 1	< 1.00	< 1	< 1	< 1	< 1	< 1	< 1			
1,1,1,2-Tetrachloroethane	2008-03	ug/L					< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00			
1,1,1,2-Tetrachloroethane	2008-08	ug/L					< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1			
1,1,1,2-Tetrachloroethane	2008-09	ug/L					< 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			
1,1,1,2-Tetrachloroethane	2009-03	ug/L					< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1			
1,1,1,2-Tetrachloroethane	2009-06	ug/L					< 5.00	< 1	< 1	< 1.00	< 1			< 1.00				
1,1,1,2-Tetrachloroethane	2009-09	ug/L					< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00			
1,1,1,2-Tetrachloroethane	2009-12	ug/L					< 2.00	< 2.00	< 2.00	< 1.00	< 1.00			< 1.00				
1,1,1,2-Tetrachloroethane	2010-03	ug/L					< 2.00	< 2.00	< 5.00	< 5.00	< 2.00	< 2.00	< 2.00	< 5.00	< 2.00			
1,1,1,2-Tetrachloroethane	2010-06	ug/L										< 5.00				< 1.00	< 1.00	< 1.00
1,1,1,2-Tetrachloroethane	2010-08	ug/L										< 1.00	< 1.00			< 1.00	< 1.00	< 1.00
1,1,1,2-Tetrachloroethane	2010-09	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	2010-12	ug/L										< 1.00				< 1.00	< 1.00	< 1.00
1,1,1,2-Tetrachloroethane	2011-03	ug/L		< 1.00			< 1.00	< 1.00	< 1.00	< 10.0	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,1,1,2-Tetrachloroethane	2011-04	ug/L					< 1.00		< 1.00	< 10.0	< 1.00						< 1.00	
1,1,1,2-Tetrachloroethane	2011-06	ug/L		< 1.00									< 1.00		< 1.00	< 1.00	< 1.00	
1,1,1,2-Tetrachloroethane	2011-07	ug/L	< 1.00															
1,1,1,2-Tetrachloroethane	2011-08	ug/L		< 1.00														
1,1,1,2-Tetrachloroethane	2011-09	ug/L	< 1.00	< 1.00			< 1.00	< 1.00	< 1.00	< 10.0	< 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	< 2.00											< 1.00	< 1.00	< 1.00	
1,1,1,2-Tetrachloroethane	2012-03	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	< 1.00	< 1.00
1,1,1,2-Tetrachloroethane	2012-06	ug/L																
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	2013-03	ug/L	< 1.00	< 1.00			< 1.00	< 1.00	< 1.00	< 10.0	< 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	2013-09	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	< 1.00
1,1,1,2-Tetrachloroethane	2013-11	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	< 1.00	< 1.00
1,1,1,2-Tetrachloroethane	2014-06	ug/L																
1,1,1,2-Tetrachloroethane	2014-09	ug/L	< 1	< 1			< 1.00	< 1.00	< 1.00	< 1.00	< 1	< 1	< 1	< 1.00	< 1.00	< 1.00	< 1.00	< 1
1,1,1,2-Tetrachloroethane	2014-12	ug/L															< 1.00	
1,1,1,2-Tetrachloroethane	2015-04	ug/L	< 1.00	< 1			< 1	< 1.00	< 1	< 1	< 1	< 1.00	< 1.00			< 1.00	< 1	< 1
1,1,1,2-Tetrachloroethane	2015-10	ug/L	<1	<1			<1	<1	<1	<1	<1	<1				<1	<1	<1
1,1,1,2-Tetrachloroethane	2016-04	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,1,1,2-Tetrachloroethane	2016-10	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<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	2017-10	ug/L	<1	<1			<1	<1	<1	<1	<1	<1				<1	<1	<1
1,1,1,2-Tetrachloroethane	2017-12	ug/L					<1					<1						<1
1,1,1,2-Tetrachloroethane	2018-04	ug/L	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,1,1,2-Tetrachloroethane	2018-07	ug/L											<1					
1,1,1,2-Tetrachloroethane	2018-10	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,1,1,2-Tetrachloroethane	2019-01	ug/L																
1,1,1,2-Tetrachloroethane	2019-03	ug/L	<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	2019-10	ug/L	<1	<1			<1	<1	<2	<1	<1	<1	<1			<2	<1	<1
1,1,1,2-Tetrachloroethane	2020-03	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,1,1,2-Tetrachloroethane	2020-09	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,1,1,2-Tetrachloroethane	2021-03	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,1,1,2-Tetrachloroethane	2021-05	ug/L																
1,1,1,2-Tetrachloroethane	2021-08	ug/L																
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	2021-12	ug/L																
1,1,1,2-Tetrachloroethane	2022-02	ug/L	<1		<1	<1												
1,1,1,2-Tetrachloroethane	2022-04	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,1,1,2-Tetrachloroethane	2022-07	ug/L			<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	2023-04	ug/L	<1	<1		<1	<1	<1	<1	<1	<1	<1	<1			<1	<1	<1

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Table 20
Analytical Data Summary
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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
1,1,1,2-Tetrachloroethane	2008-01	ug/L																
1,1,1,2-Tetrachloroethane	2008-03	ug/L																
1,1,1,2-Tetrachloroethane	2008-08	ug/L																
1,1,1,2-Tetrachloroethane	2008-09	ug/L																
1,1,1,2-Tetrachloroethane	2008-10	ug/L																
1,1,1,2-Tetrachloroethane	2009-03	ug/L																
1,1,1,2-Tetrachloroethane	2009-06	ug/L																
1,1,1,2-Tetrachloroethane	2009-09	ug/L																
1,1,1,2-Tetrachloroethane	2009-12	ug/L																
1,1,1,2-Tetrachloroethane	2010-03	ug/L																
1,1,1,2-Tetrachloroethane	2010-06	ug/L	~~< 1.00~~	~~< 1.00~~														
1,1,1,2-Tetrachloroethane	2010-08	ug/L	~~< 1.00~~	~~< 1.00~~														
1,1,1,2-Tetrachloroethane	2010-09	ug/L	~~< 1.00~~	~~< 1.00~~														
1,1,1,2-Tetrachloroethane	2010-12	ug/L	~~< 1.00~~	~~< 1.00~~														
1,1,1,2-Tetrachloroethane	2011-03	ug/L	~~< 1.00~~	~~< 1.00~~														
1,1,1,2-Tetrachloroethane	2011-04	ug/L																
1,1,1,2-Tetrachloroethane	2011-06	ug/L																
1,1,1,2-Tetrachloroethane	2011-07	ug/L																
1,1,1,2-Tetrachloroethane	2011-08	ug/L																
1,1,1,2-Tetrachloroethane	2011-09	ug/L	~~< 1.00~~	~~< 1.00~~														
1,1,1,2-Tetrachloroethane	2011-12	ug/L																
1,1,1,2-Tetrachloroethane	2012-03	ug/L	~~< 1.00~~	~~< 1.00~~														
1,1,1,2-Tetrachloroethane	2012-06	ug/L									~~< 1.00~~	~~< 1.00~~		~~< 1.00~~		~~< 1.00~~	~~< 1.00~~	
1,1,1,2-Tetrachloroethane	2012-10	ug/L																
1,1,1,2-Tetrachloroethane	2013-03	ug/L	~~< 1.00~~								~~< 1.00~~							
1,1,1,2-Tetrachloroethane	2013-06	ug/L			~~< 1.00~~													
1,1,1,2-Tetrachloroethane	2013-09	ug/L	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~						~~< 1.00~~							
1,1,1,2-Tetrachloroethane	2013-11	ug/L			~~< 1.00~~													
1,1,1,2-Tetrachloroethane	2014-03	ug/L	~~< 1.00~~		~~< 1.00~~						~~< 1.00~~							
1,1,1,2-Tetrachloroethane	2014-06	ug/L		~~< 1.00~~	~~< 1.00~~													
1,1,1,2-Tetrachloroethane	2014-09	ug/L	~~< 1~~	~~< 1~~	~~< 1~~						~~< 1~~							
1,1,1,2-Tetrachloroethane	2014-12	ug/L																
1,1,1,2-Tetrachloroethane	2015-04	ug/L	< 1.00	< 1.00	< 1.00						< 1							
1,1,1,2-Tetrachloroethane	2015-10	ug/L	<1	<1	<1						<1					<1	<1	
1,1,1,2-Tetrachloroethane	2016-04	ug/L	<1	<1	<1						<1					<1	<1	
1,1,1,2-Tetrachloroethane	2016-10	ug/L	<1	<1	<1						<1					<1	<1	
1,1,1,2-Tetrachloroethane	2017-03	ug/L	<1	<1	<1						<1					<1	<1	
1,1,1,2-Tetrachloroethane	2017-10	ug/L	<1	<1	<1						<1					<1	<1	
1,1,1,2-Tetrachloroethane	2017-12	ug/L			<1													
1,1,1,2-Tetrachloroethane	2018-04	ug/L	<1	<1	<1						<1					<1	<1	
1,1,1,2-Tetrachloroethane	2018-07	ug/L								<1								
1,1,1,2-Tetrachloroethane	2018-10	ug/L	<1	<1	<1					<1	<1					<1	<1	
1,1,1,2-Tetrachloroethane	2019-01	ug/L								<1								
1,1,1,2-Tetrachloroethane	2019-03	ug/L	<1	<1	<1					<1	<1					<1	<1	
1,1,1,2-Tetrachloroethane	2019-05	ug/L		<1						<1								
1,1,1,2-Tetrachloroethane	2019-10	ug/L	<1	<1	<1					<1	<1					<1	<1	
1,1,1,2-Tetrachloroethane	2020-03	ug/L	<1	<1	<1					<1	<1					<1	<1	
1,1,1,2-Tetrachloroethane	2020-09	ug/L	<1	<1	<1					<1	<1					<1	<1	
1,1,1,2-Tetrachloroethane	2021-03	ug/L	<1	<1	<1			<1	<1	<1	<1					<1	<1	
1,1,1,2-Tetrachloroethane	2021-05	ug/L	<1															
1,1,1,2-Tetrachloroethane	2021-08	ug/L						<1	<1									
1,1,1,2-Tetrachloroethane	2021-10	ug/L	<1	<1	<1			<1	<1	<1	<1							
1,1,1,2-Tetrachloroethane	2021-12	ug/L	<1															
1,1,1,2-Tetrachloroethane	2022-02	ug/L						<1	<1									
1,1,1,2-Tetrachloroethane	2022-04	ug/L	<1	<1	<1			<1	<1	<1	<1							
1,1,1,2-Tetrachloroethane	2022-07	ug/L																
1,1,1,2-Tetrachloroethane	2022-10	ug/L	<1	<1	<1			<1	<1	<1	<1							
1,1,1,2-Tetrachloroethane	2023-04	ug/L	<1	<1	<1			<1	<1	<1	<1							

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Table 20
Analytical Data Summary
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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
1,1,1,2-Tetrachloroethane	2023-05	ug/L			<1													
1,1,1,2-Tetrachloroethane	2023-10	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				<1	<1	<1
1,1,1,2-Tetrachloroethane	2024-04	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,1,1,2-Tetrachloroethane	2024-09	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1			< 1	< 1	< 1
1,1,1,2-Tetrachloroethane	2025-03	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1			< 1	< 1	< 1
1,1,1,2-Tetrachloroethane	2025-08	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1			< 1	< 1	< 1
1,1,1-Trichloroethane	2008-01	ug/L					~~< 1~~	~~< 1~~	~~< 1.00~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~			
1,1,1-Trichloroethane	2008-03	ug/L					~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~			
1,1,1-Trichloroethane	2008-08	ug/L					~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~			
1,1,1-Trichloroethane	2008-09	ug/L					~~< 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-Trichloroethane	2009-03	ug/L					~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~			
1,1,1-Trichloroethane	2009-06	ug/L					~~< 5.00~~	~~< 1~~	~~< 1~~	~~< 1.00~~	~~< 1~~			~~< 1.00~~				
1,1,1-Trichloroethane	2009-09	ug/L					~~< 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					~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~			~~< 1.00~~				
1,1,1-Trichloroethane	2010-03	ug/L					~~< 1.00~~	~~< 1.00~~	~~< 5.00~~	~~< 5.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 5.00~~	~~< 1.00~~			
1,1,1-Trichloroethane	2010-06	ug/L										~~< 1.00~~				~~< 1.00~~	~~< 1.00~~	~~< 1.00~~
1,1,1-Trichloroethane	2010-08	ug/L										~~< 1.00~~	~~< 1.00~~			~~< 1.00~~	~~< 1.00~~	~~< 1.00~~
1,1,1-Trichloroethane	2010-09	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	2010-12	ug/L										~~< 1.00~~				~~< 1.00~~	~~< 1.00~~	~~< 1.00~~
1,1,1-Trichloroethane	2011-03	ug/L		~~< 1.00~~			~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 10.0~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~
1,1,1-Trichloroethane	2011-04	ug/L					~~< 1.00~~		~~< 1.00~~	~~< 10.0~~	~~< 1.00~~						~~< 1.00~~	
1,1,1-Trichloroethane	2011-06	ug/L		~~< 1.00~~									~~< 1.00~~		~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	
1,1,1-Trichloroethane	2011-07	ug/L	~~< 1.00~~															
1,1,1-Trichloroethane	2011-08	ug/L		~~< 1.00~~														
1,1,1-Trichloroethane	2011-09	ug/L	~~< 1.00~~	~~< 1.00~~			~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 10.0~~	~~< 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~~											~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	
1,1,1-Trichloroethane	2012-03	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~~	~~< 1.00~~	~~< 1.00~~
1,1,1-Trichloroethane	2012-06	ug/L																
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	2013-03	ug/L	~~< 1.00~~	~~< 1.00~~			~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 10.0~~	~~< 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	2013-09	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~~	~~< 1.00~~
1,1,1-Trichloroethane	2013-11	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~~	~~< 1.00~~	~~< 1.00~~
1,1,1-Trichloroethane	2014-06	ug/L																
1,1,1-Trichloroethane	2014-09	ug/L	~~< 1~~	~~< 1~~			~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1~~
1,1,1-Trichloroethane	2014-12	ug/L															~~< 1.00~~	
1,1,1-Trichloroethane	2015-04	ug/L	< 1.00	< 1			< 1	< 1.00	< 1	< 1	< 1	< 1.00	< 1.00			< 1.00	< 1	< 1
1,1,1-Trichloroethane	2015-10	ug/L	<1	<1			<1	<1	<1	<1	<1	<1				<1	<1	<1
1,1,1-Trichloroethane	2016-04	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,1,1-Trichloroethane	2016-10	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<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	2017-10	ug/L	<1	<1			<1	<1	<1	<1	<1	<1				<1	<1	<1
1,1,1-Trichloroethane	2017-12	ug/L					<1					<1						<1
1,1,1-Trichloroethane	2018-04	ug/L	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,1,1-Trichloroethane	2018-07	ug/L											<1					
1,1,1-Trichloroethane	2018-10	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,1,1-Trichloroethane	2019-01	ug/L																
1,1,1-Trichloroethane	2019-03	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,1,1-Trichloroethane	2019-05	ug/L																
1,1,1-Trichloroethane	2019-10	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,1,1-Trichloroethane	2020-03	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,1,1-Trichloroethane	2020-09	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,1,1-Trichloroethane	2021-03	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,1,1-Trichloroethane	2021-05	ug/L																
1,1,1-Trichloroethane	2021-08	ug/L																
1,1,1-Trichloroethane	2021-10	ug/L	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1			<1	<1	<1

Cedar Rapids Linn County Solid Waste Agency Site 2
Permit No. 57-SDP-01-72P

Table 20
Analytical Data Summary
2025 Annual Water Quality Report

Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
1,1,1,2-Tetrachloroethane	2023-05	ug/L																
1,1,1,2-Tetrachloroethane	2023-10	ug/L	<1	<1	<1			<1	<1	<1	<1							
1,1,1,2-Tetrachloroethane	2024-04	ug/L	<1	<1	<1			<1	<1	<1	<1							
1,1,1,2-Tetrachloroethane	2024-09	ug/L	< 1	< 1	< 1			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,1,2-Tetrachloroethane	2025-03	ug/L	< 1	< 1	< 1			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,1,2-Tetrachloroethane	2025-08	ug/L	< 1	< 1	< 1			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,1-Trichloroethane	2008-01	ug/L																
1,1,1-Trichloroethane	2008-03	ug/L																
1,1,1-Trichloroethane	2008-08	ug/L																
1,1,1-Trichloroethane	2008-09	ug/L																
1,1,1-Trichloroethane	2008-10	ug/L																
1,1,1-Trichloroethane	2009-03	ug/L																
1,1,1-Trichloroethane	2009-06	ug/L																
1,1,1-Trichloroethane	2009-09	ug/L																
1,1,1-Trichloroethane	2009-12	ug/L																
1,1,1-Trichloroethane	2010-03	ug/L																
1,1,1-Trichloroethane	2010-06	ug/L	~~< 1.00~~	~~< 1.00~~														
1,1,1-Trichloroethane	2010-08	ug/L	~~< 1.00~~	~~< 1.00~~														
1,1,1-Trichloroethane	2010-09	ug/L	~~< 1.00~~	~~< 1.00~~														
1,1,1-Trichloroethane	2010-12	ug/L	~~< 1.00~~	~~< 1.00~~														
1,1,1-Trichloroethane	2011-03	ug/L	~~< 1.00~~	~~< 1.00~~														
1,1,1-Trichloroethane	2011-04	ug/L																
1,1,1-Trichloroethane	2011-06	ug/L																
1,1,1-Trichloroethane	2011-07	ug/L																
1,1,1-Trichloroethane	2011-08	ug/L																
1,1,1-Trichloroethane	2011-09	ug/L	~~< 1.00~~	~~< 1.00~~														
1,1,1-Trichloroethane	2011-12	ug/L																
1,1,1-Trichloroethane	2012-03	ug/L	~~< 1.00~~	~~< 1.00~~														
1,1,1-Trichloroethane	2012-06	ug/L									~~< 1.00~~	~~< 1.00~~		~~< 1.00~~		~~< 1.00~~	~~< 1.00~~	
1,1,1-Trichloroethane	2012-10	ug/L																
1,1,1-Trichloroethane	2013-03	ug/L	~~< 1.00~~								~~< 1.00~~							
1,1,1-Trichloroethane	2013-06	ug/L			~~< 1.00~~													
1,1,1-Trichloroethane	2013-09	ug/L	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~						~~< 1.00~~							
1,1,1-Trichloroethane	2013-11	ug/L			~~< 1.00~~													
1,1,1-Trichloroethane	2014-03	ug/L	~~< 1.00~~		~~< 1.00~~						~~< 1.00~~							
1,1,1-Trichloroethane	2014-06	ug/L		~~< 1.00~~	~~< 1.00~~													
1,1,1-Trichloroethane	2014-09	ug/L	~~< 1~~	~~< 1~~	~~< 1~~						~~< 1~~							
1,1,1-Trichloroethane	2014-12	ug/L																
1,1,1-Trichloroethane	2015-04	ug/L	< 1.00	< 1.00	< 1.00						< 1							
1,1,1-Trichloroethane	2015-10	ug/L	<1	<1	<1						<1					<1	<1	
1,1,1-Trichloroethane	2016-04	ug/L	<1	<1	<1						<1					<1	<1	
1,1,1-Trichloroethane	2016-10	ug/L	<1	<1	<1						<1					<1	<1	
1,1,1-Trichloroethane	2017-03	ug/L	<1	<1	<1						<1					<1	<1	
1,1,1-Trichloroethane	2017-10	ug/L	<1	<1	<1						<1					<1	<1	
1,1,1-Trichloroethane	2017-12	ug/L			<1													
1,1,1-Trichloroethane	2018-04	ug/L	<1	<1	<1						<1					<1	<1	
1,1,1-Trichloroethane	2018-07	ug/L								<1								
1,1,1-Trichloroethane	2018-10	ug/L	<1	<1	<1					<1	<1					<1	<1	
1,1,1-Trichloroethane	2019-01	ug/L								<1								
1,1,1-Trichloroethane	2019-03	ug/L	<1	<1	<1					<1	<1					<1	<1	
1,1,1-Trichloroethane	2019-05	ug/L		<1						<1								
1,1,1-Trichloroethane	2019-10	ug/L	<1	<1	<1					<1	<1					<1	<1	
1,1,1-Trichloroethane	2020-03	ug/L	<1	<1	<1					<1	<1					<1	<1	
1,1,1-Trichloroethane	2020-09	ug/L	<1	<1	<1					<1	<1					<1	<1	
1,1,1-Trichloroethane	2021-03	ug/L	<1	<1	<1			<1	<1	<1	<1					<1	<1	
1,1,1-Trichloroethane	2021-05	ug/L	<1															
1,1,1-Trichloroethane	2021-08	ug/L						<1	<1									
1,1,1-Trichloroethane	2021-10	ug/L	<1	<1	<1			<1	<1	<1	<1							

Table 20
Analytical Data Summary
2025 Annual Water Quality Report

Cedar Rapids Linn County Solid Waste Agency Site 2
Permit No. 57-SDP-01-72P

Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
1,1,1-Trichloroethane	2021-12	ug/L																
1,1,1-Trichloroethane	2022-02	ug/L	<1		<1	<1												
1,1,1-Trichloroethane	2022-04	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,1,1-Trichloroethane	2022-07	ug/L			<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	2023-04	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-Trichloroethane	2023-10	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				<1	<1	<1
1,1,1-Trichloroethane	2024-04	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,1,1-Trichloroethane	2024-09	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1			< 1	< 1	< 1
1,1,1-Trichloroethane	2025-03	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1			< 1	< 1	< 1
1,1,1-Trichloroethane	2025-08	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1			< 1	< 1	< 1
1,1,2,2-Tetrachloroethane	2008-01	ug/L					~~< 1~~	~~< 1~~	~~< 1.00~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~			
1,1,2,2-Tetrachloroethane	2008-03	ug/L					~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~			
1,1,2,2-Tetrachloroethane	2008-08	ug/L					~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~			
1,1,2,2-Tetrachloroethane	2008-09	ug/L					~~< 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~~			
1,1,2,2-Tetrachloroethane	2009-03	ug/L					~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~			
1,1,2,2-Tetrachloroethane	2009-06	ug/L					~~< 5.00~~	~~< 1~~	~~< 1~~	~~< 1.00~~	~~< 1~~			~~< 1.00~~				
1,1,2,2-Tetrachloroethane	2009-09	ug/L					~~< 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					~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 1.00~~	~~< 1.00~~			~~< 1.00~~				
1,1,2,2-Tetrachloroethane	2010-03	ug/L					~~< 2.00~~	~~< 2.00~~	~~< 1.00~~	~~< 1.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 1.00~~	~~< 2.00~~			
1,1,2,2-Tetrachloroethane	2010-06	ug/L										~~< 1.00~~				~~< 1.00~~	~~< 1.00~~	~~< 1.00~~
1,1,2,2-Tetrachloroethane	2010-08	ug/L										~~< 1.00~~	~~< 1.00~~			~~< 1.00~~	~~< 1.00~~	~~< 1.00~~
1,1,2,2-Tetrachloroethane	2010-09	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	2010-12	ug/L										~~< 1.00~~				~~< 1.00~~	~~< 1.00~~	~~< 1.00~~
1,1,2,2-Tetrachloroethane	2011-03	ug/L		~~< 1.00~~			~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 10.0~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~
1,1,2,2-Tetrachloroethane	2011-04	ug/L					~~< 1.00~~		~~< 1.00~~	~~< 10.0~~	~~< 1.00~~						~~< 1.00~~	
1,1,2,2-Tetrachloroethane	2011-06	ug/L		~~< 1.00~~									~~< 1.00~~		~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	
1,1,2,2-Tetrachloroethane	2011-07	ug/L	~~< 1.00~~															
1,1,2,2-Tetrachloroethane	2011-08	ug/L		~~< 1.00~~														
1,1,2,2-Tetrachloroethane	2011-09	ug/L	~~< 1.00~~	~~< 1.00~~			~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 10.0~~	~~< 1.00~~	~~< 1.00~~		~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~
1,1,2,2-Tetrachloroethane	2011-12	ug/L	~~< 1.00~~	~~< 1.00~~											~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	
1,1,2,2-Tetrachloroethane	2012-03	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~~	~~< 1.00~~	~~< 1.00~~
1,1,2,2-Tetrachloroethane	2012-06	ug/L																
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~~
1,1,2,2-Tetrachloroethane	2013-03	ug/L	~~< 1.00~~	~~< 1.00~~			~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 10.0~~	~~< 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	2013-09	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~~	~~< 1.00~~
1,1,2,2-Tetrachloroethane	2013-11	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~~	~~< 1.00~~	~~< 1.00~~
1,1,2,2-Tetrachloroethane	2014-06	ug/L																
1,1,2,2-Tetrachloroethane	2014-09	ug/L	~~< 1~~	~~< 1~~			~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1~~
1,1,2,2-Tetrachloroethane	2014-12	ug/L															~~< 1.00~~	
1,1,2,2-Tetrachloroethane	2015-04	ug/L	< 1.00	< 1			< 1	< 1.00	< 1	< 1	< 1	< 1.00	< 1.00			< 1.00	< 1	< 1
1,1,2,2-Tetrachloroethane	2015-10	ug/L	<1	<1			<1	<1	<1	<1	<1	<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
1,1,2,2-Tetrachloroethane	2016-10	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<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	2017-10	ug/L	<1	<1			<1	<1	<1	<1	<1	<1				<1	<1	<1
1,1,2,2-Tetrachloroethane	2017-12	ug/L					<1					<1						<1
1,1,2,2-Tetrachloroethane	2018-04	ug/L	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,1,2,2-Tetrachloroethane	2018-07	ug/L											<1					
1,1,2,2-Tetrachloroethane	2018-10	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,1,2,2-Tetrachloroethane	2019-01	ug/L																
1,1,2,2-Tetrachloroethane	2019-03	ug/L	<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	2019-10	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1

Cedar Rapids Linn County Solid Waste Agency Site 2
Permit No. 57-SDP-01-72P

Table 20
Analytical Data Summary
2025 Annual Water Quality Report

Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
1,1,1-Trichloroethane	2021-12	ug/L	<1															
1,1,1-Trichloroethane	2022-02	ug/L						<1	<1									
1,1,1-Trichloroethane	2022-04	ug/L	<1	<1	<1			<1	<1	<1	<1							
1,1,1-Trichloroethane	2022-07	ug/L																
1,1,1-Trichloroethane	2022-10	ug/L	<1	<1	<1			<1	<1	<1	<1							
1,1,1-Trichloroethane	2023-04	ug/L	<1	<1	<1			<1	<1	<1	<1							
1,1,1-Trichloroethane	2023-05	ug/L																
1,1,1-Trichloroethane	2023-10	ug/L	<1	<1	<1			<1	<1	<1	<1							
1,1,1-Trichloroethane	2024-04	ug/L	<1	<1	<1			<1	<1	<1	<1							
1,1,1-Trichloroethane	2024-09	ug/L	< 1	< 1	< 1			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,1-Trichloroethane	2025-03	ug/L	< 1	< 1	< 1			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,1-Trichloroethane	2025-08	ug/L	< 1	< 1	< 1			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-Tetrachloroethane	2008-01	ug/L																
1,1,2,2-Tetrachloroethane	2008-03	ug/L																
1,1,2,2-Tetrachloroethane	2008-08	ug/L																
1,1,2,2-Tetrachloroethane	2008-09	ug/L																
1,1,2,2-Tetrachloroethane	2008-10	ug/L																
1,1,2,2-Tetrachloroethane	2009-03	ug/L																
1,1,2,2-Tetrachloroethane	2009-06	ug/L																
1,1,2,2-Tetrachloroethane	2009-09	ug/L																
1,1,2,2-Tetrachloroethane	2009-12	ug/L																
1,1,2,2-Tetrachloroethane	2010-03	ug/L																
1,1,2,2-Tetrachloroethane	2010-06	ug/L	~~< 1.00~~	~~< 1.00~~														
1,1,2,2-Tetrachloroethane	2010-08	ug/L	~~< 1.00~~	~~< 1.00~~														
1,1,2,2-Tetrachloroethane	2010-09	ug/L	~~< 1.00~~	~~< 1.00~~														
1,1,2,2-Tetrachloroethane	2010-12	ug/L	~~< 1.00~~	~~< 1.00~~														
1,1,2,2-Tetrachloroethane	2011-03	ug/L	~~< 1.00~~	~~< 1.00~~														
1,1,2,2-Tetrachloroethane	2011-04	ug/L																
1,1,2,2-Tetrachloroethane	2011-06	ug/L																
1,1,2,2-Tetrachloroethane	2011-07	ug/L																
1,1,2,2-Tetrachloroethane	2011-08	ug/L																
1,1,2,2-Tetrachloroethane	2011-09	ug/L	~~< 1.00~~	~~< 1.00~~														
1,1,2,2-Tetrachloroethane	2011-12	ug/L																
1,1,2,2-Tetrachloroethane	2012-03	ug/L	~~< 1.00~~	~~< 1.00~~														
1,1,2,2-Tetrachloroethane	2012-06	ug/L									~~< 1.00~~	~~< 1.00~~		~~< 1.00~~		~~< 1.00~~	~~< 1.00~~	
1,1,2,2-Tetrachloroethane	2012-10	ug/L																
1,1,2,2-Tetrachloroethane	2013-03	ug/L	~~< 1.00~~								~~< 1.00~~							
1,1,2,2-Tetrachloroethane	2013-06	ug/L			~~< 1.00~~													
1,1,2,2-Tetrachloroethane	2013-09	ug/L	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~						~~< 1.00~~							
1,1,2,2-Tetrachloroethane	2013-11	ug/L			~~< 1.00~~													
1,1,2,2-Tetrachloroethane	2014-03	ug/L	~~< 1.00~~		~~< 1.00~~						~~< 1.00~~							
1,1,2,2-Tetrachloroethane	2014-06	ug/L		~~< 1.00~~	~~< 1.00~~													
1,1,2,2-Tetrachloroethane	2014-09	ug/L	~~< 1~~	~~< 1~~	~~< 1~~						~~< 1~~							
1,1,2,2-Tetrachloroethane	2014-12	ug/L																
1,1,2,2-Tetrachloroethane	2015-04	ug/L	< 1.00	< 1.00	< 1.00						< 1							
1,1,2,2-Tetrachloroethane	2015-10	ug/L	<1	<1	<1						<1					<1	<1	
1,1,2,2-Tetrachloroethane	2016-04	ug/L	<1	<1	<1						<1					<1	<1	
1,1,2,2-Tetrachloroethane	2016-10	ug/L	<1	<1	<1						<1					<1	<1	
1,1,2,2-Tetrachloroethane	2017-03	ug/L	<1	<1	<1						<1					<1	<1	
1,1,2,2-Tetrachloroethane	2017-10	ug/L	<1	<1	<1						<1					<1	<1	
1,1,2,2-Tetrachloroethane	2017-12	ug/L			<1													
1,1,2,2-Tetrachloroethane	2018-04	ug/L	<1	<1	<1						<1					<1	<1	
1,1,2,2-Tetrachloroethane	2018-07	ug/L								<1								
1,1,2,2-Tetrachloroethane	2018-10	ug/L	<1	<1	<1					<1	<1					<1	<1	
1,1,2,2-Tetrachloroethane	2019-01	ug/L								<1								
1,1,2,2-Tetrachloroethane	2019-03	ug/L	<1	<1	<1					<1	<1					<1	<1	
1,1,2,2-Tetrachloroethane	2019-05	ug/L		<1						<1								
1,1,2,2-Tetrachloroethane	2019-10	ug/L	<1	<1	<1					<1	<1					<1	<1	

Cedar Rapids Linn County Solid Waste Agency Site 2
Permit No. 57-SDP-01-72P

Table 20
Analytical Data Summary
2025 Annual Water Quality Report

Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
1,1,2,2-Tetrachloroethane	2020-03	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,1,2,2-Tetrachloroethane	2020-09	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,1,2,2-Tetrachloroethane	2021-03	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,1,2,2-Tetrachloroethane	2021-05	ug/L																
1,1,2,2-Tetrachloroethane	2021-08	ug/L																
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	2021-12	ug/L																
1,1,2,2-Tetrachloroethane	2022-02	ug/L	<2		<1	<2												
1,1,2,2-Tetrachloroethane	2022-04	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,1,2,2-Tetrachloroethane	2022-07	ug/L			<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	2023-04	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													
1,1,2,2-Tetrachloroethane	2023-10	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				<1	<1	<1
1,1,2,2-Tetrachloroethane	2024-04	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,1,2,2-Tetrachloroethane	2024-09	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1			< 1	< 1	< 1
1,1,2,2-Tetrachloroethane	2025-03	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1			< 1	< 1	< 1
1,1,2,2-Tetrachloroethane	2025-08	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1			< 1	< 1	< 1
1,1,2-Trichloroethane	2008-01	ug/L					~~< 1~~	~~< 1~~	~~< 1.00~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~			
1,1,2-Trichloroethane	2008-03	ug/L					~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~			
1,1,2-Trichloroethane	2008-08	ug/L					~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~			
1,1,2-Trichloroethane	2008-09	ug/L					~~< 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~~			
1,1,2-Trichloroethane	2009-03	ug/L					~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~			
1,1,2-Trichloroethane	2009-06	ug/L					~~< 5.00~~	~~< 1~~	~~< 1~~	~~< 1.00~~	~~< 1~~			~~< 1.00~~				
1,1,2-Trichloroethane	2009-09	ug/L					~~< 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					~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 1.00~~	~~< 1.00~~			~~< 1.00~~				
1,1,2-Trichloroethane	2010-03	ug/L					~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~			
1,1,2-Trichloroethane	2010-06	ug/L										~~< 1.00~~				~~< 1.00~~	~~< 1.00~~	~~< 1.00~~
1,1,2-Trichloroethane	2010-08	ug/L										~~< 1.00~~	~~< 1.00~~			~~< 1.00~~	~~< 1.00~~	~~< 1.00~~
1,1,2-Trichloroethane	2010-09	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	2010-12	ug/L										~~< 1.00~~				~~< 1.00~~	~~< 1.00~~	~~< 1.00~~
1,1,2-Trichloroethane	2011-03	ug/L		~~< 1.00~~			~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 10.0~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~
1,1,2-Trichloroethane	2011-04	ug/L					~~< 1.00~~		~~< 1.00~~	~~< 10.0~~	~~< 1.00~~						~~< 1.00~~	
1,1,2-Trichloroethane	2011-06	ug/L		~~< 1.00~~									~~< 1.00~~		~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	
1,1,2-Trichloroethane	2011-07	ug/L	~~< 1.00~~															
1,1,2-Trichloroethane	2011-08	ug/L		~~< 1.00~~														
1,1,2-Trichloroethane	2011-09	ug/L	~~< 1.00~~	~~< 1.00~~			~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 10.0~~	~~< 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~~											~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	
1,1,2-Trichloroethane	2012-03	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~~	~~< 1.00~~	~~< 1.00~~
1,1,2-Trichloroethane	2012-06	ug/L																
1,1,2-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~~
1,1,2-Trichloroethane	2013-03	ug/L	~~< 1.00~~	~~< 1.00~~			~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 10.0~~	~~< 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	2013-09	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~~	~~< 1.00~~
1,1,2-Trichloroethane	2013-11	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~~	~~< 1.00~~	~~< 1.00~~
1,1,2-Trichloroethane	2014-06	ug/L																
1,1,2-Trichloroethane	2014-09	ug/L	~~< 1~~	~~< 1~~			~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1~~
1,1,2-Trichloroethane	2014-12	ug/L															~~< 1.00~~	
1,1,2-Trichloroethane	2015-04	ug/L	< 1.00	< 1			< 1	< 1.00	< 1	< 1	< 1	< 1.00	< 1.00			< 1.00	< 1	< 1
1,1,2-Trichloroethane	2015-10	ug/L	<1	<1			<1	<1	<1	<1	<1	<1				<1	<1	<1
1,1,2-Trichloroethane	2016-04	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,1,2-Trichloroethane	2016-10	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<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	2017-10	ug/L	<1	<1			<1	<1	<1	<1	<1	<1				<1	<1	<1
1,1,2-Trichloroethane	2017-12	ug/L					<1					<1						<1
1,1,2-Trichloroethane	2018-04	ug/L	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1			<1	<1	<1

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Table 20
Analytical Data Summary
2025 Annual Water Quality Report

Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
1,1,2,2-Tetrachloroethane	2020-03	ug/L	<1	<1	<1					<1	<1					<1	<1	
1,1,2,2-Tetrachloroethane	2020-09	ug/L	<1	<1	<1					<1	<1					<1	<1	
1,1,2,2-Tetrachloroethane	2021-03	ug/L	<1	<1	<1			<1	<1	<1	<1					<1	<1	
1,1,2,2-Tetrachloroethane	2021-05	ug/L	<1															
1,1,2,2-Tetrachloroethane	2021-08	ug/L						<1	<1									
1,1,2,2-Tetrachloroethane	2021-10	ug/L	<1	<1	<1			<1	<1	<1	<1							
1,1,2,2-Tetrachloroethane	2021-12	ug/L	<1															
1,1,2,2-Tetrachloroethane	2022-02	ug/L						<1	<1									
1,1,2,2-Tetrachloroethane	2022-04	ug/L	<1	<1	<1			<1	<1	<1	<1							
1,1,2,2-Tetrachloroethane	2022-07	ug/L																
1,1,2,2-Tetrachloroethane	2022-10	ug/L	<1	<1	<1			<1	<1	<1	<1							
1,1,2,2-Tetrachloroethane	2023-04	ug/L	<1	<1	<1			<1	<1	<1	<1							
1,1,2,2-Tetrachloroethane	2023-05	ug/L																
1,1,2,2-Tetrachloroethane	2023-10	ug/L	<1	<1	<1			<1	<1	<1	<1							
1,1,2,2-Tetrachloroethane	2024-04	ug/L	<1	<1	<1			<1	<1	<1	<1							
1,1,2,2-Tetrachloroethane	2024-09	ug/L	< 1	< 1	< 1			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-Tetrachloroethane	2025-03	ug/L	< 1	< 1	< 1			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-Tetrachloroethane	2025-08	ug/L	< 1	< 1	< 1			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-Trichloroethane	2008-01	ug/L																
1,1,2-Trichloroethane	2008-03	ug/L																
1,1,2-Trichloroethane	2008-08	ug/L																
1,1,2-Trichloroethane	2008-09	ug/L																
1,1,2-Trichloroethane	2008-10	ug/L																
1,1,2-Trichloroethane	2009-03	ug/L																
1,1,2-Trichloroethane	2009-06	ug/L																
1,1,2-Trichloroethane	2009-09	ug/L																
1,1,2-Trichloroethane	2009-12	ug/L																
1,1,2-Trichloroethane	2010-03	ug/L																
1,1,2-Trichloroethane	2010-06	ug/L	~~< 1.00~~	~~< 1.00~~														
1,1,2-Trichloroethane	2010-08	ug/L	~~< 1.00~~	~~< 1.00~~														
1,1,2-Trichloroethane	2010-09	ug/L	~~< 1.00~~	~~< 1.00~~														
1,1,2-Trichloroethane	2010-12	ug/L	~~< 1.00~~	~~< 1.00~~														
1,1,2-Trichloroethane	2011-03	ug/L	~~< 1.00~~	~~< 1.00~~														
1,1,2-Trichloroethane	2011-04	ug/L																
1,1,2-Trichloroethane	2011-06	ug/L																
1,1,2-Trichloroethane	2011-07	ug/L																
1,1,2-Trichloroethane	2011-08	ug/L																
1,1,2-Trichloroethane	2011-09	ug/L	~~< 1.00~~	~~< 1.00~~														
1,1,2-Trichloroethane	2011-12	ug/L																
1,1,2-Trichloroethane	2012-03	ug/L	~~< 1.00~~	~~< 1.00~~														
1,1,2-Trichloroethane	2012-06	ug/L									~~< 1.00~~	~~< 1.00~~		~~< 1.00~~		~~< 1.00~~	~~< 1.00~~	
1,1,2-Trichloroethane	2012-10	ug/L																
1,1,2-Trichloroethane	2013-03	ug/L	~~< 1.00~~								~~< 1.00~~							
1,1,2-Trichloroethane	2013-06	ug/L			~~< 1.00~~													
1,1,2-Trichloroethane	2013-09	ug/L	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~						~~< 1.00~~							
1,1,2-Trichloroethane	2013-11	ug/L			~~< 1.00~~													
1,1,2-Trichloroethane	2014-03	ug/L	~~< 1.00~~		~~< 1.00~~						~~< 1.00~~							
1,1,2-Trichloroethane	2014-06	ug/L		~~< 1.00~~	~~< 1.00~~													
1,1,2-Trichloroethane	2014-09	ug/L	~~< 1~~	~~< 1~~	~~< 1~~						~~< 1~~							
1,1,2-Trichloroethane	2014-12	ug/L																
1,1,2-Trichloroethane	2015-04	ug/L	< 1.00	< 1.00	< 1.00						< 1							
1,1,2-Trichloroethane	2015-10	ug/L	<1	<1	<1						<1					<1	<1	
1,1,2-Trichloroethane	2016-04	ug/L	<1	<1	<1						<1					<1	<1	
1,1,2-Trichloroethane	2016-10	ug/L	<1	<1	<1						<1					<1	<1	
1,1,2-Trichloroethane	2017-03	ug/L	<1	<1	<1						<1					<1	<1	
1,1,2-Trichloroethane	2017-10	ug/L	<1	<1	<1						<1					<1	<1	
1,1,2-Trichloroethane	2017-12	ug/L			<1													
1,1,2-Trichloroethane	2018-04	ug/L	<1	<1	<1						<1					<1	<1	

Cedar Rapids Linn County Solid Waste Agency Site 2
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Table 20
Analytical Data Summary
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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
1,1,2-Trichloroethane	2018-07	ug/L											<1					
1,1,2-Trichloroethane	2018-10	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,1,2-Trichloroethane	2019-01	ug/L																
1,1,2-Trichloroethane	2019-03	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,1,2-Trichloroethane	2019-05	ug/L																
1,1,2-Trichloroethane	2019-10	ug/L	<1	<1			<1	<1	<2	<1	<1	<1	<1			<2	<1	<1
1,1,2-Trichloroethane	2020-03	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,1,2-Trichloroethane	2020-09	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,1,2-Trichloroethane	2021-03	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,1,2-Trichloroethane	2021-05	ug/L																
1,1,2-Trichloroethane	2021-08	ug/L																
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	2021-12	ug/L																
1,1,2-Trichloroethane	2022-02	ug/L	<1		<1	<1												
1,1,2-Trichloroethane	2022-04	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,1,2-Trichloroethane	2022-07	ug/L			<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	2023-04	ug/L	<1	<1		<1	<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,1,2-Trichloroethane	2023-05	ug/L			<1													
1,1,2-Trichloroethane	2023-10	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				<1	<1	<1
1,1,2-Trichloroethane	2024-04	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,1,2-Trichloroethane	2024-09	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1			< 1	< 1	< 1
1,1,2-Trichloroethane	2025-03	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1			< 1	< 1	< 1
1,1,2-Trichloroethane	2025-08	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1			< 1	< 1	< 1
1,1-Dichloroethane	2008-01	ug/L					~~< 1~~	~~< 1~~	~~< 1.00~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~			
1,1-Dichloroethane	2008-03	ug/L					~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~			
1,1-Dichloroethane	2008-08	ug/L					~~**0.42**~~	~~< 1~~	~~**0.28**~~	~~**0.22**~~	~~**0.26**~~	~~< 1~~	~~< 1~~	~~**0.21**~~	~~< 1~~			
1,1-Dichloroethane	2008-09	ug/L					~~**0.35**~~	~~< 1~~	~~< 1~~	~~**0.24**~~	~~**0.31**~~	~~< 1~~	~~< 1~~	~~**0.2**~~	~~< 1~~			
1,1-Dichloroethane	2008-10	ug/L					~~**0.42**~~	~~< 1~~	~~**0.19**~~	~~**0.22**~~	~~**0.25**~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~			
1,1-Dichloroethane	2009-03	ug/L					~~**0.51**~~	~~< 1~~	~~< 1~~	~~**0.29**~~	~~**0.33**~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~			
1,1-Dichloroethane	2009-06	ug/L					~~< 5.00~~	~~< 1~~	~~< 1~~	~~< 1.00~~	~~< 1~~			~~< 1.00~~				
1,1-Dichloroethane	2009-09	ug/L					~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~			
1,1-Dichloroethane	2009-12	ug/L					~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~			~~< 1.00~~				
1,1-Dichloroethane	2010-03	ug/L					~~< 1.00~~	~~< 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~~	~~< 1.00~~	~~< 1.00~~
1,1-Dichloroethane	2010-08	ug/L										~~< 1.00~~	~~< 1.00~~			~~< 1.00~~	~~< 1.00~~	~~< 1.00~~
1,1-Dichloroethane	2010-09	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-Dichloroethane	2010-12	ug/L										~~< 1.00~~				~~< 1.00~~	~~< 1.00~~	~~< 1.00~~
1,1-Dichloroethane	2011-03	ug/L		~~**1.33**~~			~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 10.0~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~
1,1-Dichloroethane	2011-04	ug/L					~~< 1.00~~		~~< 1.00~~	~~< 10.0~~	~~< 1.00~~						~~< 1.00~~	
1,1-Dichloroethane	2011-06	ug/L		~~< 1.00~~									~~< 1.00~~		~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	
1,1-Dichloroethane	2011-07	ug/L	~~< 1.00~~															
1,1-Dichloroethane	2011-08	ug/L		~~< 1.00~~														
1,1-Dichloroethane	2011-09	ug/L	~~< 1.00~~	~~< 1.00~~			~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 10.0~~	~~< 1.00~~	~~< 1.00~~		~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~
1,1-Dichloroethane	2011-12	ug/L	~~< 1.00~~	~~**1.20**~~											~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	
1,1-Dichloroethane	2012-03	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~~	~~< 1.00~~	~~< 1.00~~
1,1-Dichloroethane	2012-06	ug/L																
1,1-Dichloroethane	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-Dichloroethane	2013-03	ug/L	~~< 1.00~~	~~**1.33**~~			~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 10.0~~	~~< 1.00~~	~~< 1.00~~		~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~
1,1-Dichloroethane	2013-06	ug/L																
1,1-Dichloroethane	2013-09	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~~	~~< 1.00~~
1,1-Dichloroethane	2013-11	ug/L																
1,1-Dichloroethane	2014-03	ug/L	~~< 1.00~~	~~**0.346**~~			~~< 1.00~~	~~< 1.00~~	~~**0.265**~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~
1,1-Dichloroethane	2014-06	ug/L																
1,1-Dichloroethane	2014-09	ug/L	~~< 1~~	~~< 1~~			~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1~~
1,1-Dichloroethane	2014-12	ug/L															~~< 1.00~~	
1,1-Dichloroethane	2015-04	ug/L	**0.259**	< 1			< 1	< 1.00	~~< 1 o~~	< 1	< 1	< 1.00	~~**0.489 o**~~			< 1.00	< 1	< 1
1,1-Dichloroethane	2015-10	ug/L	<1	<1			<1	<1	<1	<1	<1	<1				<1	<1	<1

Table 20
Analytical Data Summary
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Cedar Rapids Linn County Solid Waste Agency Site 2
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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
1,1,2-Trichloroethane	2018-07	ug/L								<1								
1,1,2-Trichloroethane	2018-10	ug/L	<1	<1	<1					<1	<1					<1	<1	
1,1,2-Trichloroethane	2019-01	ug/L								<1								
1,1,2-Trichloroethane	2019-03	ug/L	<1	<1	<1					<1	<1					<1	<1	
1,1,2-Trichloroethane	2019-05	ug/L		<1						<1								
1,1,2-Trichloroethane	2019-10	ug/L	<1	<1	<1					<1	<1					<1	<1	
1,1,2-Trichloroethane	2020-03	ug/L	<1	<1	<1					<1	<1					<1	<1	
1,1,2-Trichloroethane	2020-09	ug/L	<1	<1	<1					<1	<1					<1	<1	
1,1,2-Trichloroethane	2021-03	ug/L	<1	<1	<1			<1	<1	<1	<1					<1	<1	
1,1,2-Trichloroethane	2021-05	ug/L	<1															
1,1,2-Trichloroethane	2021-08	ug/L						<1	<1									
1,1,2-Trichloroethane	2021-10	ug/L	<1	<1	<1			<1	<1	<1	<1							
1,1,2-Trichloroethane	2021-12	ug/L	<1															
1,1,2-Trichloroethane	2022-02	ug/L						<1	<1									
1,1,2-Trichloroethane	2022-04	ug/L	<1	<1	<1			<1	<1	<1	<1							
1,1,2-Trichloroethane	2022-07	ug/L																
1,1,2-Trichloroethane	2022-10	ug/L	<1	<1	<1			<1	<1	<1	<1							
1,1,2-Trichloroethane	2023-04	ug/L	<1	<1	<1			<1	<1	<1	<1							
1,1,2-Trichloroethane	2023-05	ug/L																
1,1,2-Trichloroethane	2023-10	ug/L	<1	<1	<1			<1	<1	<1	<1							
1,1,2-Trichloroethane	2024-04	ug/L	<1	<1	<1			<1	<1	<1	<1							
1,1,2-Trichloroethane	2024-09	ug/L	< 1	< 1	< 1			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-Trichloroethane	2025-03	ug/L	< 1	< 1	< 1			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-Trichloroethane	2025-08	ug/L	< 1	< 1	< 1			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-Dichloroethane	2008-01	ug/L																
1,1-Dichloroethane	2008-03	ug/L																
1,1-Dichloroethane	2008-08	ug/L																
1,1-Dichloroethane	2008-09	ug/L																
1,1-Dichloroethane	2008-10	ug/L																
1,1-Dichloroethane	2009-03	ug/L																
1,1-Dichloroethane	2009-06	ug/L																
1,1-Dichloroethane	2009-09	ug/L																
1,1-Dichloroethane	2009-12	ug/L																
1,1-Dichloroethane	2010-03	ug/L																
1,1-Dichloroethane	2010-06	ug/L	~~< 1.00~~	~~< 1.00~~														
1,1-Dichloroethane	2010-08	ug/L	~~< 1.00~~	~~< 1.00~~														
1,1-Dichloroethane	2010-09	ug/L	~~< 1.00~~	~~< 1.00~~														
1,1-Dichloroethane	2010-12	ug/L	~~< 1.00~~	~~< 1.00~~														
1,1-Dichloroethane	2011-03	ug/L	~~< 1.00~~	~~< 1.00~~														
1,1-Dichloroethane	2011-04	ug/L																
1,1-Dichloroethane	2011-06	ug/L																
1,1-Dichloroethane	2011-07	ug/L																
1,1-Dichloroethane	2011-08	ug/L																
1,1-Dichloroethane	2011-09	ug/L	~~< 1.00~~	~~< 1.00~~														
1,1-Dichloroethane	2011-12	ug/L																
1,1-Dichloroethane	2012-03	ug/L	~~< 1.00~~	~~< 1.00~~														
1,1-Dichloroethane	2012-06	ug/L									~~< 1.00~~	~~< 1.00~~		~~< 1.00~~		~~< 1.00~~	~~< 1.00~~	
1,1-Dichloroethane	2012-10	ug/L																
1,1-Dichloroethane	2013-03	ug/L	~~< 1.00~~								~~< 1.00~~							
1,1-Dichloroethane	2013-06	ug/L			~~< 1.00~~													
1,1-Dichloroethane	2013-09	ug/L	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~						~~< 1.00~~							
1,1-Dichloroethane	2013-11	ug/L			~~< 1.00~~													
1,1-Dichloroethane	2014-03	ug/L	~~< 1.00~~		~~< 1.00~~						~~< 1.00~~							
1,1-Dichloroethane	2014-06	ug/L		~~< 1.00~~	~~< 1.00~~													
1,1-Dichloroethane	2014-09	ug/L	~~< 1~~	~~< 1~~	~~< 1~~						~~< 1~~							
1,1-Dichloroethane	2014-12	ug/L																
1,1-Dichloroethane	2015-04	ug/L	< 1.00	< 1.00	< 1.00						< 1							
1,1-Dichloroethane	2015-10	ug/L	<1	<1	<1						<1					<1	<1	

Cedar Rapids Linn County Solid Waste Agency Site 2
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Table 20
Analytical Data Summary
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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
1,1-Dichloroethane	2016-04	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	**0.332 J**			<1	<1	<1
1,1-Dichloroethane	2016-10	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,1-Dichloroethane	2017-03	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	**0.327 J**			<1	<1	<1
1,1-Dichloroethane	2017-10	ug/L	<1	<1			<1	<1	~~**0.679 Jo**~~	<1	<1	<1				<1	<1	<1
1,1-Dichloroethane	2017-12	ug/L					<1					<1						<1
1,1-Dichloroethane	2018-04	ug/L	<1	<1	<1		<1	<1	~~**0.23 Jo**~~	<1	<1	<1	<1			<1	<1	<1
1,1-Dichloroethane	2018-07	ug/L											<1					
1,1-Dichloroethane	2018-10	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,1-Dichloroethane	2019-01	ug/L																
1,1-Dichloroethane	2019-03	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,1-Dichloroethane	2019-05	ug/L																
1,1-Dichloroethane	2019-10	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,1-Dichloroethane	2020-03	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,1-Dichloroethane	2020-09	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,1-Dichloroethane	2021-03	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,1-Dichloroethane	2021-05	ug/L																
1,1-Dichloroethane	2021-08	ug/L																
1,1-Dichloroethane	2021-10	ug/L	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,1-Dichloroethane	2021-12	ug/L																
1,1-Dichloroethane	2022-02	ug/L	<1		<1	<1												
1,1-Dichloroethane	2022-04	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,1-Dichloroethane	2022-07	ug/L			<1	<1												
1,1-Dichloroethane	2022-10	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				<1	<1	<1
1,1-Dichloroethane	2023-04	ug/L	<1	<1		<1	<1	<1	~~**0.263 Jo**~~	<1	<1	<1	<1			<1	<1	<1
1,1-Dichloroethane	2023-05	ug/L			<1													
1,1-Dichloroethane	2023-10	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				<1	<1	<1
1,1-Dichloroethane	2024-04	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,1-Dichloroethane	2024-09	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1			< 1	< 1	< 1
1,1-Dichloroethane	2025-03	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1			< 1	< 1	< 1
1,1-Dichloroethane	2025-08	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1			< 1	< 1	< 1
1,1-Dichloroethene	2008-01	ug/L					~~< 2~~	~~< 2~~	~~< 2.00~~	~~< 2~~	~~< 2~~	~~< 2~~	~~< 2~~	~~< 2~~	~~< 2~~			
1,1-Dichloroethene	2008-03	ug/L					~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~			
1,1-Dichloroethene	2008-08	ug/L					~~< 2~~	~~< 2~~	~~< 2~~	~~< 2~~	~~< 2~~	~~< 2~~	~~< 2~~	~~< 2~~	~~< 2~~			
1,1-Dichloroethene	2008-09	ug/L					~~< 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~~			
1,1-Dichloroethene	2009-03	ug/L					~~< 2~~	~~< 2~~	~~< 2~~	~~< 2~~	~~< 2~~	~~< 2~~	~~< 2~~	~~< 2~~	~~< 2~~			
1,1-Dichloroethene	2009-06	ug/L					~~< 10.0~~	~~< 2~~	~~< 2~~	~~< 2.00~~	~~< 2~~			~~< 2.00~~				
1,1-Dichloroethene	2009-09	ug/L					~~< 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~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~			~~< 2.00~~				
1,1-Dichloroethene	2010-03	ug/L					~~< 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~~	~~< 2.00~~	~~< 2.00~~
1,1-Dichloroethene	2010-08	ug/L										~~< 2.00~~	~~< 2.00~~			~~< 2.00~~	~~< 2.00~~	~~< 2.00~~
1,1-Dichloroethene	2010-09	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~~
1,1-Dichloroethene	2010-12	ug/L										~~< 2.00~~				~~< 2.00~~	~~< 2.00~~	~~< 2.00~~
1,1-Dichloroethene	2011-03	ug/L		~~< 2.00~~			~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 20.0~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~
1,1-Dichloroethene	2011-04	ug/L					~~< 2.00~~		~~< 2.00~~	~~< 20.0~~	~~< 2.00~~						~~< 2.00~~	
1,1-Dichloroethene	2011-06	ug/L		~~< 2.00~~									~~< 2.00~~		~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	
1,1-Dichloroethene	2011-07	ug/L	~~< 2.00~~															
1,1-Dichloroethene	2011-08	ug/L		~~< 2.00~~														
1,1-Dichloroethene	2011-09	ug/L	~~< 2.00~~	~~< 2.00~~			~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 20.0~~	~~< 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~~											~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	
1,1-Dichloroethene	2012-03	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~~	~~< 2.00~~	~~< 2.00~~
1,1-Dichloroethene	2012-06	ug/L																
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	2013-03	ug/L	~~< 2.00~~	~~< 2.00~~			~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 20.0~~	~~< 2.00~~	~~< 2.00~~		~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~
1,1-Dichloroethene	2013-06	ug/L																
1,1-Dichloroethene	2013-09	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~~	~~< 2.00~~
1,1-Dichloroethene	2013-11	ug/L																

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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
1,1-Dichloroethane	2016-04	ug/L	<1	<1	<1						<1					<1	<1	
1,1-Dichloroethane	2016-10	ug/L	<1	<1	<1						<1					<1	<1	
1,1-Dichloroethane	2017-03	ug/L	<1	<1	<1						<1					<1	<1	
1,1-Dichloroethane	2017-10	ug/L	<1	<1	<1						<1					<1	<1	
1,1-Dichloroethane	2017-12	ug/L			<1													
1,1-Dichloroethane	2018-04	ug/L	<1	<1	<1						<1					<1	<1	
1,1-Dichloroethane	2018-07	ug/L								<1								
1,1-Dichloroethane	2018-10	ug/L	<1	<1	<1					<1	<1					<1	<1	
1,1-Dichloroethane	2019-01	ug/L								<1								
1,1-Dichloroethane	2019-03	ug/L	<1	<1	<1					<1	<1					<1	<1	
1,1-Dichloroethane	2019-05	ug/L		<1						<1								
1,1-Dichloroethane	2019-10	ug/L	<1	<1	<1					<1	<1					<1	<1	
1,1-Dichloroethane	2020-03	ug/L	<1	<1	<1					<1	<1					<1	<1	
1,1-Dichloroethane	2020-09	ug/L	<1	<1	<1					<1	<1					<1	<1	
1,1-Dichloroethane	2021-03	ug/L	<1	<1	<1			<1	<1	<1	<1					<1	<1	
1,1-Dichloroethane	2021-05	ug/L	<1															
1,1-Dichloroethane	2021-08	ug/L						<1	<1									
1,1-Dichloroethane	2021-10	ug/L	<1	<1	<1			<1	<1	<1	<1							
1,1-Dichloroethane	2021-12	ug/L	<1															
1,1-Dichloroethane	2022-02	ug/L						<1	<1									
1,1-Dichloroethane	2022-04	ug/L	<1	<1	<1			<1	<1	<1	<1							
1,1-Dichloroethane	2022-07	ug/L																
1,1-Dichloroethane	2022-10	ug/L	<1	<1	<1			<1	<1	<1	<1							
1,1-Dichloroethane	2023-04	ug/L	<1	<1	<1			<1	<1	<1	<1							
1,1-Dichloroethane	2023-05	ug/L																
1,1-Dichloroethane	2023-10	ug/L	<1	<1	<1			<1	<1	<1	<1							
1,1-Dichloroethane	2024-04	ug/L	<1	<1	<1			<1	<1	<1	<1							
1,1-Dichloroethane	2024-09	ug/L	< 1	< 1	< 1			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-Dichloroethane	2025-03	ug/L	< 1	< 1	< 1			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-Dichloroethane	2025-08	ug/L	< 1	< 1	< 1			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-Dichloroethene	2008-01	ug/L																
1,1-Dichloroethene	2008-03	ug/L																
1,1-Dichloroethene	2008-08	ug/L																
1,1-Dichloroethene	2008-09	ug/L																
1,1-Dichloroethene	2008-10	ug/L																
1,1-Dichloroethene	2009-03	ug/L																
1,1-Dichloroethene	2009-06	ug/L																
1,1-Dichloroethene	2009-09	ug/L																
1,1-Dichloroethene	2009-12	ug/L																
1,1-Dichloroethene	2010-03	ug/L																
1,1-Dichloroethene	2010-06	ug/L	~~< 2.00~~	~~< 2.00~~														
1,1-Dichloroethene	2010-08	ug/L	~~< 2.00~~	~~< 2.00~~														
1,1-Dichloroethene	2010-09	ug/L	~~< 2.00~~	~~< 2.00~~														
1,1-Dichloroethene	2010-12	ug/L	~~< 2.00~~	~~< 2.00~~														
1,1-Dichloroethene	2011-03	ug/L	~~< 2.00~~	~~< 2.00~~														
1,1-Dichloroethene	2011-04	ug/L																
1,1-Dichloroethene	2011-06	ug/L																
1,1-Dichloroethene	2011-07	ug/L																
1,1-Dichloroethene	2011-08	ug/L																
1,1-Dichloroethene	2011-09	ug/L	~~< 2.00~~	~~< 2.00~~														
1,1-Dichloroethene	2011-12	ug/L																
1,1-Dichloroethene	2012-03	ug/L	~~< 2.00~~	~~< 2.00~~														
1,1-Dichloroethene	2012-06	ug/L									~~< 2.00~~	~~< 2.00~~		~~< 2.00~~		~~< 2.00~~	~~< 2.00~~	
1,1-Dichloroethene	2012-10	ug/L																
1,1-Dichloroethene	2013-03	ug/L	~~< 2.00~~								~~< 2.00~~							
1,1-Dichloroethene	2013-06	ug/L			~~< 2.00~~													
1,1-Dichloroethene	2013-09	ug/L	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~						~~< 2.00~~							
1,1-Dichloroethene	2013-11	ug/L			~~< 2.00~~													

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
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~~	~~< 2.00~~	~~< 2.00~~
1,1-Dichloroethene	2014-06	ug/L																
1,1-Dichloroethene	2014-09	ug/L	~~< 2~~	~~< 2~~			~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2~~	~~< 2~~	~~< 2~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2~~
1,1-Dichloroethene	2014-12	ug/L															~~< 2.00~~	
1,1-Dichloroethene	2015-04	ug/L	< 2.00	< 2			< 2	< 2.00	< 2	< 2	< 2	< 2.00	< 2.00			< 2.00	< 2	< 2
1,1-Dichloroethene	2015-10	ug/L	<2	<2			<2	<2	<2	<2	<2	<2				<2	<2	<2
1,1-Dichloroethene	2016-04	ug/L	<2	<2			<2	<2	<2	<2	<2	<2	<2			<2	<2	<2
1,1-Dichloroethene	2016-10	ug/L	<2	<2			<2	<2	<2	<2	<2	<2	<2			<2	<2	<2
1,1-Dichloroethene	2017-03	ug/L	<2	<2			<2	<2	<2	<2	<2	<2	<2			<2	<2	<2
1,1-Dichloroethene	2017-10	ug/L	<2	<2			<2	<2	<2	<2	<2	<2				<2	<2	<2
1,1-Dichloroethene	2017-12	ug/L					<2					<2						<2
1,1-Dichloroethene	2018-04	ug/L	<2	<2	<2		<2	<2	<2	<2	<2	<2	<2			<2	<2	<2
1,1-Dichloroethene	2018-07	ug/L											<2					
1,1-Dichloroethene	2018-10	ug/L	<2	<2			<2	<2	<2	<2	<2	<2	<2			<2	<2	<2
1,1-Dichloroethene	2019-01	ug/L																
1,1-Dichloroethene	2019-03	ug/L	<2	<2			<2	<2	<2	<2	<2	<2	<2			<2	<2	<2
1,1-Dichloroethene	2019-05	ug/L																
1,1-Dichloroethene	2019-10	ug/L	<2	<2			<2	<2	<2	<2	<2	<2	<2			<2	<2	<2
1,1-Dichloroethene	2020-03	ug/L	<2	<2			<2	<2	<2	<2	<2	<2	<2			<2	<2	<2
1,1-Dichloroethene	2020-09	ug/L	<2	<2			<2	<2	<2	<2	<2	<2	<2			<2	<2	<2
1,1-Dichloroethene	2021-03	ug/L	<2	<2			<2	<2	<2	<2	<2	<2	<2			<2	<2	<2
1,1-Dichloroethene	2021-05	ug/L																
1,1-Dichloroethene	2021-08	ug/L																
1,1-Dichloroethene	2021-10	ug/L	<2	<2	<2		<2	<2	<2	<2	<2	<2	<2			<2	<2	<2
1,1-Dichloroethene	2021-12	ug/L																
1,1-Dichloroethene	2022-02	ug/L	<2		<2	<2												
1,1-Dichloroethene	2022-04	ug/L	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2			<2	<2	<2
1,1-Dichloroethene	2022-07	ug/L			<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	2023-04	ug/L	<2	<2		<2	<2	<2	<2	<2	<2	<2	<2			<2	<2	<2
1,1-Dichloroethene	2023-05	ug/L			<2													
1,1-Dichloroethene	2023-10	ug/L	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2				<2	<2	<2
1,1-Dichloroethene	2024-04	ug/L	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2			<2	<2	<2
1,1-Dichloroethene	2024-09	ug/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2			< 2	< 2	< 2
1,1-Dichloroethene	2025-03	ug/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2			< 2	< 2	< 2
1,1-Dichloroethene	2025-08	ug/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2			< 2	< 2	< 2
1,1-Dichloropropene	2009-03	ug/L						~~< 1~~	~~< 1~~	~~< 1~~								
1,1-Dichloropropene	2009-06	ug/L					~~< 5.00~~	~~< 1~~	~~< 1~~	~~< 1.00~~	~~< 1~~			~~< 1.00~~				
1,1-Dichloropropene	2009-09	ug/L					~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~			~~< 1.00~~				
1,1-Dichloropropene	2009-12	ug/L					~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~			~~< 1.00~~				
1,1-Dichloropropene	2010-03	ug/L					~~< 1.00~~	~~< 1.00~~	~~< 2.50~~	~~< 2.50~~	~~< 1.00~~			~~< 2.50~~				
1,1-Dichloropropene	2010-06	ug/L										~~< 1.00~~						
1,1-Dichloropropene	2010-08	ug/L										~~< 1.00~~	~~< 1.00~~					
1,1-Dichloropropene	2010-09	ug/L					~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~				
1,1-Dichloropropene	2010-12	ug/L										~~< 1.00~~						
1,1-Dichloropropene	2011-03	ug/L					~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 10.0~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~			
1,1-Dichloropropene	2011-04	ug/L					~~< 1.00~~		~~< 1.00~~	~~< 10.0~~	~~< 1.00~~						~~< 1.00~~	
1,1-Dichloropropene	2011-06	ug/L											~~< 1.00~~		~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	
1,1-Dichloropropene	2011-09	ug/L					~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 10.0~~	~~< 1.00~~	~~< 1.00~~		~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	
1,1-Dichloropropene	2011-12	ug/L													~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	
1,1-Dichloropropene	2012-03	ug/L												~~< 1.00~~		~~< 1.00~~	~~< 1.00~~	
1,1-Dichloropropene	2014-12	ug/L															~~< 1.00~~	
1,1-Dichloropropene	2016-10	ug/L							<1	<1	<1					<1	<1	
1,1-Dichloropropene	2017-10	ug/L						<1										
1,1-Dichloropropene	2017-12	ug/L					<1					<1						<1
1,1-Dichloropropene	2018-07	ug/L											<1					
1,1-Dichloropropene	2018-10	ug/L											<1					
1,1-Dichloropropene	2019-05	ug/L																

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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
1,1-Dichloroethene	2014-03	ug/L	~~< 2.00~~		~~< 2.00~~						~~< 2.00~~							
1,1-Dichloroethene	2014-06	ug/L		~~< 2.00~~	~~< 2.00~~													
1,1-Dichloroethene	2014-09	ug/L	~~< 2~~	~~< 2~~	~~< 2~~						~~< 2~~							
1,1-Dichloroethene	2014-12	ug/L																
1,1-Dichloroethene	2015-04	ug/L	< 2.00	< 2.00	< 2.00						< 2							
1,1-Dichloroethene	2015-10	ug/L	<2	<2	<2						<2					<2	<2	
1,1-Dichloroethene	2016-04	ug/L	<2	<2	<2						<2					<2	<2	
1,1-Dichloroethene	2016-10	ug/L	<2	<2	<2						<2					<2	<2	
1,1-Dichloroethene	2017-03	ug/L	<2	<2	<2						<2					<2	<2	
1,1-Dichloroethene	2017-10	ug/L	<2	<2	<2						<2					<2	<2	
1,1-Dichloroethene	2017-12	ug/L			<2													
1,1-Dichloroethene	2018-04	ug/L	<2	<2	<2						<2					<2	<2	
1,1-Dichloroethene	2018-07	ug/L								<2								
1,1-Dichloroethene	2018-10	ug/L	<2	<2	<2					<2	<2					<2	<2	
1,1-Dichloroethene	2019-01	ug/L								<2								
1,1-Dichloroethene	2019-03	ug/L	<2	<2	<2					<2	<2					<2	<2	
1,1-Dichloroethene	2019-05	ug/L		<2						<2								
1,1-Dichloroethene	2019-10	ug/L	<2	<2	<2					<2	<2					<2	<2	
1,1-Dichloroethene	2020-03	ug/L	<2	<2	<2					<2	<2					<2	<2	
1,1-Dichloroethene	2020-09	ug/L	<2	<2	<2					<2	<2					<2	<2	
1,1-Dichloroethene	2021-03	ug/L	<2	<2	<2			<2	<2	<2	<2					<2	<2	
1,1-Dichloroethene	2021-05	ug/L	<2															
1,1-Dichloroethene	2021-08	ug/L						<2	<2									
1,1-Dichloroethene	2021-10	ug/L	<2	<2	<2			<2	<2	<2	<2							
1,1-Dichloroethene	2021-12	ug/L	<2															
1,1-Dichloroethene	2022-02	ug/L						<2	<2									
1,1-Dichloroethene	2022-04	ug/L	<2	<2	<2			<2	<2	<2	<2							
1,1-Dichloroethene	2022-07	ug/L																
1,1-Dichloroethene	2022-10	ug/L	<2	<2	<2			<2	<2	<2	<2							
1,1-Dichloroethene	2023-04	ug/L	<2	<2	<2			<2	<2	<2	<2							
1,1-Dichloroethene	2023-05	ug/L																
1,1-Dichloroethene	2023-10	ug/L	<2	<2	<2			<2	<2	<2	<2							
1,1-Dichloroethene	2024-04	ug/L	<2	<2	<2			<2	<2	<2	<2							
1,1-Dichloroethene	2024-09	ug/L	< 2	< 2	< 2			< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1-Dichloroethene	2025-03	ug/L	< 2	< 2	< 2			< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1-Dichloroethene	2025-08	ug/L	< 2	< 2	< 2			< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
1,1-Dichloropropene	2009-03	ug/L																
1,1-Dichloropropene	2009-06	ug/L																
1,1-Dichloropropene	2009-09	ug/L																
1,1-Dichloropropene	2009-12	ug/L																
1,1-Dichloropropene	2010-03	ug/L																
1,1-Dichloropropene	2010-06	ug/L																
1,1-Dichloropropene	2010-08	ug/L																
1,1-Dichloropropene	2010-09	ug/L																
1,1-Dichloropropene	2010-12	ug/L																
1,1-Dichloropropene	2011-03	ug/L																
1,1-Dichloropropene	2011-04	ug/L																
1,1-Dichloropropene	2011-06	ug/L																
1,1-Dichloropropene	2011-09	ug/L																
1,1-Dichloropropene	2011-12	ug/L																
1,1-Dichloropropene	2012-03	ug/L																
1,1-Dichloropropene	2014-12	ug/L																
1,1-Dichloropropene	2016-10	ug/L									<1					<1	<1	
1,1-Dichloropropene	2017-10	ug/L																
1,1-Dichloropropene	2017-12	ug/L			<1													
1,1-Dichloropropene	2018-07	ug/L								<1								
1,1-Dichloropropene	2018-10	ug/L								<1								
1,1-Dichloropropene	2019-05	ug/L		<1														

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
1,1-Dichloropropene	2021-10	ug/L							<1	<1	<1					<1	<1	
1,1-Dichloropropene	2021-12	ug/L																
1,1-Dichloropropene	2022-10	ug/L					<1	<1				<1						<1
1,1-Dichloropropene	2024-04	ug/L											<1					
1,2,3-Trichloropropane	2008-01	ug/L					~~< 1~~	~~< 1~~	~~< 1.00~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~			
1,2,3-Trichloropropane	2008-03	ug/L					~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~			
1,2,3-Trichloropropane	2008-08	ug/L					~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~			
1,2,3-Trichloropropane	2008-09	ug/L					~~< 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~~			
1,2,3-Trichloropropane	2009-03	ug/L					~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~			
1,2,3-Trichloropropane	2009-06	ug/L					~~< 5.00~~	~~< 1~~	~~< 1~~	~~< 1.00~~	~~< 1~~			~~< 1.00~~				
1,2,3-Trichloropropane	2009-09	ug/L					~~< 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					~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 1.00~~	~~< 1.00~~			~~< 1.00~~				
1,2,3-Trichloropropane	2010-03	ug/L					~~< 2.00~~	~~< 2.00~~	~~< 2.50~~	~~< 2.50~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.50~~	~~< 2.00~~			
1,2,3-Trichloropropane	2010-06	ug/L										~~< 1.00~~				~~< 1.00~~	~~< 1.00~~	~~< 1.00~~
1,2,3-Trichloropropane	2010-08	ug/L										~~< 1.00~~	~~< 1.00~~			~~< 1.00~~	~~< 1.00~~	~~< 1.00~~
1,2,3-Trichloropropane	2010-09	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	2010-12	ug/L										~~< 1.00~~				~~< 1.00~~	~~< 1.00~~	~~< 1.00~~
1,2,3-Trichloropropane	2011-03	ug/L		~~< 1.00~~			~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 10.0~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~
1,2,3-Trichloropropane	2011-04	ug/L					~~< 1.00~~		~~< 1.00~~	~~< 10.0~~	~~< 1.00~~						~~< 1.00~~	
1,2,3-Trichloropropane	2011-06	ug/L		~~< 1.00~~									~~< 1.00~~		~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	
1,2,3-Trichloropropane	2011-07	ug/L	~~< 1.00~~															
1,2,3-Trichloropropane	2011-08	ug/L		~~< 1.00~~														
1,2,3-Trichloropropane	2011-09	ug/L	~~< 1.00~~	~~< 1.00~~			~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 10.0~~	~~< 1.00~~	~~< 1.00~~		~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~
1,2,3-Trichloropropane	2011-12	ug/L	~~< 1.00~~	~~< 1.00~~											~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	
1,2,3-Trichloropropane	2012-03	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~~	~~< 1.00~~	~~< 1.00~~
1,2,3-Trichloropropane	2012-06	ug/L																
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	2013-03	ug/L	~~< 1.00~~	~~< 1.00~~			~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 10.0~~	~~< 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	2013-09	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~~	~~< 1.00~~
1,2,3-Trichloropropane	2013-11	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~~	~~< 1.00~~	~~< 1.00~~
1,2,3-Trichloropropane	2014-06	ug/L																
1,2,3-Trichloropropane	2014-09	ug/L	~~< 1~~	~~< 1~~			~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1~~
1,2,3-Trichloropropane	2014-12	ug/L															~~< 1.00~~	
1,2,3-Trichloropropane	2015-04	ug/L	< 1.00	< 1			< 1	< 1.00	< 1	< 1	< 1	< 1.00	< 1.00			< 1.00	< 1	< 1
1,2,3-Trichloropropane	2015-10	ug/L	<1	<1			<1	<1	<1	<1	<1	<1				<1	<1	<1
1,2,3-Trichloropropane	2016-04	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,2,3-Trichloropropane	2016-10	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<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	2017-10	ug/L	<1	<1			<1	<1	<1	<1	<1	<1				<1	<1	<1
1,2,3-Trichloropropane	2017-12	ug/L					<1					<1						<1
1,2,3-Trichloropropane	2018-04	ug/L	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,2,3-Trichloropropane	2018-07	ug/L											<1					
1,2,3-Trichloropropane	2018-10	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,2,3-Trichloropropane	2019-01	ug/L																
1,2,3-Trichloropropane	2019-03	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,2,3-Trichloropropane	2019-05	ug/L																
1,2,3-Trichloropropane	2019-10	ug/L	<2	<2			<2	<1	<2	<2	<1	<2	<2			<2	<1	<2
1,2,3-Trichloropropane	2020-03	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,2,3-Trichloropropane	2020-09	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,2,3-Trichloropropane	2021-03	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,2,3-Trichloropropane	2021-05	ug/L																
1,2,3-Trichloropropane	2021-08	ug/L																
1,2,3-Trichloropropane	2021-10	ug/L	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1			<1	~~0.846 Jo~~	<1
1,2,3-Trichloropropane	2021-12	ug/L																
1,2,3-Trichloropropane	2022-02	ug/L	<1		<1	<1												

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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
1,1-Dichloropropene	2021-10	ug/L																
1,1-Dichloropropene	2021-12	ug/L	<1															
1,1-Dichloropropene	2022-10	ug/L			<1													
1,1-Dichloropropene	2024-04	ug/L		<1														
1,2,3-Trichloropropane	2008-01	ug/L																
1,2,3-Trichloropropane	2008-03	ug/L																
1,2,3-Trichloropropane	2008-08	ug/L																
1,2,3-Trichloropropane	2008-09	ug/L																
1,2,3-Trichloropropane	2008-10	ug/L																
1,2,3-Trichloropropane	2009-03	ug/L																
1,2,3-Trichloropropane	2009-06	ug/L																
1,2,3-Trichloropropane	2009-09	ug/L																
1,2,3-Trichloropropane	2009-12	ug/L																
1,2,3-Trichloropropane	2010-03	ug/L																
1,2,3-Trichloropropane	2010-06	ug/L	~~< 1.00~~	~~< 1.00~~														
1,2,3-Trichloropropane	2010-08	ug/L	~~< 1.00~~	~~< 1.00~~														
1,2,3-Trichloropropane	2010-09	ug/L	~~< 1.00~~	~~< 1.00~~														
1,2,3-Trichloropropane	2010-12	ug/L	~~< 1.00~~	~~< 1.00~~														
1,2,3-Trichloropropane	2011-03	ug/L	~~< 1.00~~	~~< 1.00~~														
1,2,3-Trichloropropane	2011-04	ug/L																
1,2,3-Trichloropropane	2011-06	ug/L																
1,2,3-Trichloropropane	2011-07	ug/L																
1,2,3-Trichloropropane	2011-08	ug/L																
1,2,3-Trichloropropane	2011-09	ug/L	~~< 1.00~~	~~< 1.00~~														
1,2,3-Trichloropropane	2011-12	ug/L																
1,2,3-Trichloropropane	2012-03	ug/L	~~< 1.00~~	~~< 1.00~~														
1,2,3-Trichloropropane	2012-06	ug/L									~~< 1.00~~	~~< 1.00~~		~~< 1.00~~		~~< 1.00~~	~~< 1.00~~	
1,2,3-Trichloropropane	2012-10	ug/L																
1,2,3-Trichloropropane	2013-03	ug/L	~~< 1.00~~								~~< 1.00~~							
1,2,3-Trichloropropane	2013-06	ug/L			~~< 1.00~~													
1,2,3-Trichloropropane	2013-09	ug/L	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~						~~< 1.00~~							
1,2,3-Trichloropropane	2013-11	ug/L			~~< 1.00~~													
1,2,3-Trichloropropane	2014-03	ug/L	~~< 1.00~~		~~< 1.00~~						~~< 1.00~~							
1,2,3-Trichloropropane	2014-06	ug/L		~~< 1.00~~	~~< 1.00~~													
1,2,3-Trichloropropane	2014-09	ug/L	~~< 1~~	~~< 1~~	~~< 1~~						~~< 1~~							
1,2,3-Trichloropropane	2014-12	ug/L																
1,2,3-Trichloropropane	2015-04	ug/L	< 1.00	< 1.00	< 1.00						< 1							
1,2,3-Trichloropropane	2015-10	ug/L	<1	<1	<1						<1					<1	<1	
1,2,3-Trichloropropane	2016-04	ug/L	<1	<1	<1						<1					<1	<1	
1,2,3-Trichloropropane	2016-10	ug/L	<1	<1	<1						<1					<1	<1	
1,2,3-Trichloropropane	2017-03	ug/L	<1	<1	<1						<1					<1	<1	
1,2,3-Trichloropropane	2017-10	ug/L	<1	<1	<1						<1					<1	<1	
1,2,3-Trichloropropane	2017-12	ug/L			<1													
1,2,3-Trichloropropane	2018-04	ug/L	<1	<1	<1						<1					<1	<1	
1,2,3-Trichloropropane	2018-07	ug/L								<1								
1,2,3-Trichloropropane	2018-10	ug/L	<1	<1	<1					<1	<1					<1	<1	
1,2,3-Trichloropropane	2019-01	ug/L								<1								
1,2,3-Trichloropropane	2019-03	ug/L	<1	<1	<1					<1	<1					<1	<1	
1,2,3-Trichloropropane	2019-05	ug/L		<1						<1								
1,2,3-Trichloropropane	2019-10	ug/L	<2	<1	<1					<2	<1					<1	<1	
1,2,3-Trichloropropane	2020-03	ug/L	<1	<1	<1					<1	<1					<1	<1	
1,2,3-Trichloropropane	2020-09	ug/L	<1	<1	<1					<1	<1					<1	<1	
1,2,3-Trichloropropane	2021-03	ug/L	<1	<1	<1			<1	<1	<1	<1					<1	<1	
1,2,3-Trichloropropane	2021-05	ug/L	<1															
1,2,3-Trichloropropane	2021-08	ug/L						<1	<1									
1,2,3-Trichloropropane	2021-10	ug/L	<1	<1	<1			<1	<1	<1	<1							
1,2,3-Trichloropropane	2021-12	ug/L	<1															
1,2,3-Trichloropropane	2022-02	ug/L						<1	<1									

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
1,2,3-Trichloropropane	2022-04	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,2,3-Trichloropropane	2022-07	ug/L			<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	2023-04	ug/L	<1	<1		<1	<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,2,3-Trichloropropane	2023-05	ug/L			<1													
1,2,3-Trichloropropane	2023-10	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				<1	<1	<1
1,2,3-Trichloropropane	2024-04	ug/L	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5			<5	<5	<5
1,2,3-Trichloropropane	2024-09	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1			< 1	< 1	< 1
1,2,3-Trichloropropane	2025-03	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1			< 1	< 1	< 1
1,2,3-Trichloropropane	2025-08	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1			< 1	< 1	< 1
1,2,4,5-Tetrachlorobenzene	2009-03	ug/L						~~< 10~~	~~< 10~~	~~< 10~~								
1,2,4,5-Tetrachlorobenzene	2009-06	ug/L					~~< 10.0~~	~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10~~			~~< 10.0~~				
1,2,4,5-Tetrachlorobenzene	2009-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
1,2,4,5-Tetrachlorobenzene	2009-12	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
1,2,4,5-Tetrachlorobenzene	2010-03	ug/L					~~< 10.0~~				~~< 10.0~~			~~< 10.0~~				
1,2,4,5-Tetrachlorobenzene	2010-06	ug/L										~~< 10.0~~						
1,2,4,5-Tetrachlorobenzene	2010-08	ug/L										~~< 10.0~~	~~< 10.0~~					
1,2,4,5-Tetrachlorobenzene	2010-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~				
1,2,4,5-Tetrachlorobenzene	2010-12	ug/L										~~< 10.0~~						
1,2,4,5-Tetrachlorobenzene	2011-03	ug/L											~~< 10.0~~		~~< 10.0~~			
1,2,4,5-Tetrachlorobenzene	2011-06	ug/L											~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
1,2,4,5-Tetrachlorobenzene	2011-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
1,2,4,5-Tetrachlorobenzene	2011-12	ug/L													~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
1,2,4,5-Tetrachlorobenzene	2012-03	ug/L														~~< 10.0~~	~~< 10.0~~	
1,2,4,5-Tetrachlorobenzene	2014-12	ug/L															~~< 10.2~~	
1,2,4,5-Tetrachlorobenzene	2016-10	ug/L							<10	<10	<10.9					<11.2	<11.1	
1,2,4,5-Tetrachlorobenzene	2017-10	ug/L						<10.5										
1,2,4,5-Tetrachlorobenzene	2017-12	ug/L					<10.6					<10.4						<10.4
1,2,4,5-Tetrachlorobenzene	2018-07	ug/L											<10.4					
1,2,4,5-Tetrachlorobenzene	2018-10	ug/L											<10.4					
1,2,4,5-Tetrachlorobenzene	2019-05	ug/L																
1,2,4,5-Tetrachlorobenzene	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
1,2,4,5-Tetrachlorobenzene	2021-12	ug/L																
1,2,4,5-Tetrachlorobenzene	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
1,2,4,5-Tetrachlorobenzene	2024-04	ug/L											<10.6					
1,2,4-Trichlorobenzene	2009-03	ug/L						~~< 5~~	~~< 5~~	~~< 5~~								
1,2,4-Trichlorobenzene	2009-06	ug/L					~~< 25.0~~	~~< 5~~	~~< 5~~	~~< 5.00~~	~~< 5~~			~~< 5.00~~				
1,2,4-Trichlorobenzene	2009-09	ug/L					~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~			~~< 5.00~~				
1,2,4-Trichlorobenzene	2009-12	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 5.00~~	~~< 5.00~~			~~< 5.00~~				
1,2,4-Trichlorobenzene	2010-03	ug/L					~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~			~~< 5.00~~				
1,2,4-Trichlorobenzene	2010-06	ug/L										~~< 5.00~~						
1,2,4-Trichlorobenzene	2010-08	ug/L										~~< 5.00~~	~~< 5.00~~					
1,2,4-Trichlorobenzene	2010-09	ug/L					~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~				
1,2,4-Trichlorobenzene	2010-12	ug/L										~~< 5.00~~						
1,2,4-Trichlorobenzene	2011-03	ug/L					~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 50.0~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~			
1,2,4-Trichlorobenzene	2011-04	ug/L					~~< 5.00~~		~~< 5.00~~	~~< 50.0~~	~~< 5.00~~						~~< 5.00~~	
1,2,4-Trichlorobenzene	2011-06	ug/L											~~< 5.00~~		~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	
1,2,4-Trichlorobenzene	2011-09	ug/L					~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 50.0~~	~~< 5.00~~	~~< 5.00~~		~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	
1,2,4-Trichlorobenzene	2011-12	ug/L													~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	
1,2,4-Trichlorobenzene	2012-03	ug/L												~~< 5.00~~		~~< 5.00~~	~~< 5.00~~	
1,2,4-Trichlorobenzene	2014-12	ug/L															~~< 5.00~~	
1,2,4-Trichlorobenzene	2016-10	ug/L							<5	<5	<5					<5	<5	
1,2,4-Trichlorobenzene	2017-10	ug/L						<5										
1,2,4-Trichlorobenzene	2017-12	ug/L					<5					<5						<5
1,2,4-Trichlorobenzene	2018-07	ug/L											<5					
1,2,4-Trichlorobenzene	2018-10	ug/L											<5					
1,2,4-Trichlorobenzene	2019-05	ug/L																
1,2,4-Trichlorobenzene	2021-10	ug/L							<5	<5	<5					<5	<5	

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Table 20
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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
1,2,3-Trichloropropane	2022-04	ug/L	<1	<1	<1			<1	<1	<1	<1							
1,2,3-Trichloropropane	2022-07	ug/L																
1,2,3-Trichloropropane	2022-10	ug/L	<1	<1	<1			<1	<1	<1	<1							
1,2,3-Trichloropropane	2023-04	ug/L	<1	<1	<1			<1	<1	<1	<1							
1,2,3-Trichloropropane	2023-05	ug/L																
1,2,3-Trichloropropane	2023-10	ug/L	<1	<1	<1			<1	<1	<1	<1							
1,2,3-Trichloropropane	2024-04	ug/L	<5	<5	<5			<5	<5	<5	<5							
1,2,3-Trichloropropane	2024-09	ug/L	< 1	< 1	< 1			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,3-Trichloropropane	2025-03	ug/L	< 1	< 1	< 1			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,3-Trichloropropane	2025-08	ug/L	< 1	< 1	< 1			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,4,5-Tetrachlorobenzene	2009-03	ug/L																
1,2,4,5-Tetrachlorobenzene	2009-06	ug/L																
1,2,4,5-Tetrachlorobenzene	2009-09	ug/L																
1,2,4,5-Tetrachlorobenzene	2009-12	ug/L																
1,2,4,5-Tetrachlorobenzene	2010-03	ug/L																
1,2,4,5-Tetrachlorobenzene	2010-06	ug/L																
1,2,4,5-Tetrachlorobenzene	2010-08	ug/L																
1,2,4,5-Tetrachlorobenzene	2010-09	ug/L																
1,2,4,5-Tetrachlorobenzene	2010-12	ug/L																
1,2,4,5-Tetrachlorobenzene	2011-03	ug/L																
1,2,4,5-Tetrachlorobenzene	2011-06	ug/L																
1,2,4,5-Tetrachlorobenzene	2011-09	ug/L																
1,2,4,5-Tetrachlorobenzene	2011-12	ug/L																
1,2,4,5-Tetrachlorobenzene	2012-03	ug/L																
1,2,4,5-Tetrachlorobenzene	2014-12	ug/L																
1,2,4,5-Tetrachlorobenzene	2016-10	ug/L									<10.4					<10.3	<10.2	
1,2,4,5-Tetrachlorobenzene	2017-10	ug/L																
1,2,4,5-Tetrachlorobenzene	2017-12	ug/L			<10.4													
1,2,4,5-Tetrachlorobenzene	2018-07	ug/L								<10.1								
1,2,4,5-Tetrachlorobenzene	2018-10	ug/L								<10.3								
1,2,4,5-Tetrachlorobenzene	2019-05	ug/L		<10.1														
1,2,4,5-Tetrachlorobenzene	2021-10	ug/L																
1,2,4,5-Tetrachlorobenzene	2021-12	ug/L	<10.5															
1,2,4,5-Tetrachlorobenzene	2022-10	ug/L			<8.77													
1,2,4,5-Tetrachlorobenzene	2024-04	ug/L		<10.2														
1,2,4-Trichlorobenzene	2009-03	ug/L																
1,2,4-Trichlorobenzene	2009-06	ug/L																
1,2,4-Trichlorobenzene	2009-09	ug/L																
1,2,4-Trichlorobenzene	2009-12	ug/L																
1,2,4-Trichlorobenzene	2010-03	ug/L																
1,2,4-Trichlorobenzene	2010-06	ug/L																
1,2,4-Trichlorobenzene	2010-08	ug/L																
1,2,4-Trichlorobenzene	2010-09	ug/L																
1,2,4-Trichlorobenzene	2010-12	ug/L																
1,2,4-Trichlorobenzene	2011-03	ug/L																
1,2,4-Trichlorobenzene	2011-04	ug/L																
1,2,4-Trichlorobenzene	2011-06	ug/L																
1,2,4-Trichlorobenzene	2011-09	ug/L																
1,2,4-Trichlorobenzene	2011-12	ug/L																
1,2,4-Trichlorobenzene	2012-03	ug/L																
1,2,4-Trichlorobenzene	2014-12	ug/L																
1,2,4-Trichlorobenzene	2016-10	ug/L									<5					<5	<5	
1,2,4-Trichlorobenzene	2017-10	ug/L																
1,2,4-Trichlorobenzene	2017-12	ug/L			<5													
1,2,4-Trichlorobenzene	2018-07	ug/L								<5								
1,2,4-Trichlorobenzene	2018-10	ug/L								<5								
1,2,4-Trichlorobenzene	2019-05	ug/L		<5														
1,2,4-Trichlorobenzene	2021-10	ug/L																

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
1,2,4-Trichlorobenzene	2021-12	ug/L																
1,2,4-Trichlorobenzene	2022-10	ug/L					<5	<5				<5						<5
1,2,4-Trichlorobenzene	2024-04	ug/L											<5					
1,2-Dibromo-3-chloropropane	2008-01	ug/L					~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~			
1,2-Dibromo-3-chloropropane	2008-03	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			
1,2-Dibromo-3-chloropropane	2008-08	ug/L					~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~			
1,2-Dibromo-3-chloropropane	2008-09	ug/L					~~< 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~~			
1,2-Dibromo-3-chloropropane	2009-03	ug/L					~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~			
1,2-Dibromo-3-chloropropane	2009-06	ug/L					~~< 50.0~~	~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10~~			~~< 10.0~~				
1,2-Dibromo-3-chloropropane	2009-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			
1,2-Dibromo-3-chloropropane	2009-12	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
1,2-Dibromo-3-chloropropane	2010-03	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 50.0~~	~~< 50.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 50.0~~	~~< 10.0~~			
1,2-Dibromo-3-chloropropane	2010-06	ug/L										~~< 10.0~~				~~< 10.0~~	~~< 10.0~~	~~< 10.0~~
1,2-Dibromo-3-chloropropane	2010-08	ug/L										~~< 20.0~~	~~< 20.0~~			~~< 20.0~~	~~< 20.0~~	~~< 20.0~~
1,2-Dibromo-3-chloropropane	2010-09	ug/L					~~< 20.0~~	~~< 20.0~~	~~< 20.0~~	~~< 20.0~~	~~< 20.0~~	~~< 20.0~~	~~< 20.0~~	~~< 20.0~~	~~< 20.0~~	~~< 20.0~~	~~< 20.0~~	~~< 20.0~~
1,2-Dibromo-3-chloropropane	2010-12	ug/L										~~< 10.0~~				~~< 10.0~~	~~< 10.0~~	~~< 10.0~~
1,2-Dibromo-3-chloropropane	2011-03	ug/L		~~< 10.0~~			~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 100~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~
1,2-Dibromo-3-chloropropane	2011-04	ug/L					~~< 10.0~~		~~< 10.0~~	~~< 100~~	~~< 10.0~~						~~< 10.0~~	
1,2-Dibromo-3-chloropropane	2011-06	ug/L		~~< 10.0~~									~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
1,2-Dibromo-3-chloropropane	2011-07	ug/L	~~< 10.0~~															
1,2-Dibromo-3-chloropropane	2011-08	ug/L		~~< 10.0~~														
1,2-Dibromo-3-chloropropane	2011-09	ug/L	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 100~~	~~< 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~~											~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
1,2-Dibromo-3-chloropropane	2012-03	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~~	~~< 10.0~~	~~< 10.0~~
1,2-Dibromo-3-chloropropane	2012-06	ug/L																
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	2013-03	ug/L	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 100~~	~~< 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	2013-09	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~~	~~< 10.0~~
1,2-Dibromo-3-chloropropane	2013-11	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~~	~~< 10.0~~	~~< 10.0~~
1,2-Dibromo-3-chloropropane	2014-06	ug/L																
1,2-Dibromo-3-chloropropane	2014-09	ug/L	~~< 10~~	~~< 10~~			~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10~~
1,2-Dibromo-3-chloropropane	2014-12	ug/L															~~< 10.0~~	
1,2-Dibromo-3-chloropropane	2015-04	ug/L	< 10.0	< 10			< 10	< 10.0	< 10	< 10	< 10	< 10.0	< 10.0			< 10.0	< 10	< 10
1,2-Dibromo-3-chloropropane	2015-10	ug/L	<10	<10			<10	<10	<10	<10	<10	<10				<10	<10	<10
1,2-Dibromo-3-chloropropane	2016-04	ug/L	<10	<10			<10	<10	<10	<10	<10	<10	<10			<10	<10	<10
1,2-Dibromo-3-chloropropane	2016-10	ug/L	<5	<5			<5	<5	<5	<5	<5	<5	<5			<5	<5	<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	2017-10	ug/L	<5	<5			<5	<5	<5	<5	<5	<5				<5	<5	<5
1,2-Dibromo-3-chloropropane	2017-12	ug/L					<5					<5						<5
1,2-Dibromo-3-chloropropane	2018-04	ug/L	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5			<5	<5	<5
1,2-Dibromo-3-chloropropane	2018-07	ug/L											<5					
1,2-Dibromo-3-chloropropane	2018-10	ug/L	<5	<5			<5	<5	<5	<5	<5	<5	<5			<5	<5	<5
1,2-Dibromo-3-chloropropane	2019-01	ug/L																
1,2-Dibromo-3-chloropropane	2019-03	ug/L	<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	2019-10	ug/L	<5	<5			<5	<5	<5	<5	<5	<5	<5			<5	<5	<5
1,2-Dibromo-3-chloropropane	2020-03	ug/L	<5	<5			<5	<5	<5	<5	<5	<5	<5			<5	<5	<5
1,2-Dibromo-3-chloropropane	2020-09	ug/L	<5	<5			<5	<5	<5	<5	<5	<5	<5			<5	<5	<5
1,2-Dibromo-3-chloropropane	2021-03	ug/L	<5	<5			<5	<5	<5	<5	<5	<5	<5			<5	<5	<5
1,2-Dibromo-3-chloropropane	2021-05	ug/L																
1,2-Dibromo-3-chloropropane	2021-08	ug/L																
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	2021-12	ug/L																
1,2-Dibromo-3-chloropropane	2022-02	ug/L	<5		<5	<5												
1,2-Dibromo-3-chloropropane	2022-04	ug/L	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5			<5	<5	<5

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Analytical Data Summary
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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
1,2,4-Trichlorobenzene	2021-12	ug/L	<5															
1,2,4-Trichlorobenzene	2022-10	ug/L			<5													
1,2,4-Trichlorobenzene	2024-04	ug/L		<5														
1,2-Dibromo-3-chloropropane	2008-01	ug/L																
1,2-Dibromo-3-chloropropane	2008-03	ug/L																
1,2-Dibromo-3-chloropropane	2008-08	ug/L																
1,2-Dibromo-3-chloropropane	2008-09	ug/L																
1,2-Dibromo-3-chloropropane	2008-10	ug/L																
1,2-Dibromo-3-chloropropane	2009-03	ug/L																
1,2-Dibromo-3-chloropropane	2009-06	ug/L																
1,2-Dibromo-3-chloropropane	2009-09	ug/L																
1,2-Dibromo-3-chloropropane	2009-12	ug/L																
1,2-Dibromo-3-chloropropane	2010-03	ug/L																
1,2-Dibromo-3-chloropropane	2010-06	ug/L	~~< 10.0~~	~~< 10.0~~														
1,2-Dibromo-3-chloropropane	2010-08	ug/L	~~< 20.0~~	~~< 20.0~~														
1,2-Dibromo-3-chloropropane	2010-09	ug/L	~~< 20.0~~	~~< 20.0~~														
1,2-Dibromo-3-chloropropane	2010-12	ug/L	~~< 10.0~~	~~< 10.0~~														
1,2-Dibromo-3-chloropropane	2011-03	ug/L	~~< 10.0~~	~~< 10.0~~														
1,2-Dibromo-3-chloropropane	2011-04	ug/L																
1,2-Dibromo-3-chloropropane	2011-06	ug/L																
1,2-Dibromo-3-chloropropane	2011-07	ug/L																
1,2-Dibromo-3-chloropropane	2011-08	ug/L																
1,2-Dibromo-3-chloropropane	2011-09	ug/L	~~< 10.0~~	~~< 10.0~~														
1,2-Dibromo-3-chloropropane	2011-12	ug/L																
1,2-Dibromo-3-chloropropane	2012-03	ug/L	~~< 10.0~~	~~< 10.0~~														
1,2-Dibromo-3-chloropropane	2012-06	ug/L									~~< 10.0~~	~~< 10.0~~		~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	
1,2-Dibromo-3-chloropropane	2012-10	ug/L																
1,2-Dibromo-3-chloropropane	2013-03	ug/L	~~< 10.0~~								~~< 10.0~~							
1,2-Dibromo-3-chloropropane	2013-06	ug/L			~~< 10.0~~													
1,2-Dibromo-3-chloropropane	2013-09	ug/L	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~						~~< 10.0~~							
1,2-Dibromo-3-chloropropane	2013-11	ug/L			~~< 10.0~~													
1,2-Dibromo-3-chloropropane	2014-03	ug/L	~~< 10.0~~		~~< 10.0~~						~~< 10.0~~							
1,2-Dibromo-3-chloropropane	2014-06	ug/L		~~< 10.0~~	~~< 10.0~~													
1,2-Dibromo-3-chloropropane	2014-09	ug/L	~~< 10~~	~~< 10~~	~~< 10~~						~~< 10~~							
1,2-Dibromo-3-chloropropane	2014-12	ug/L																
1,2-Dibromo-3-chloropropane	2015-04	ug/L	< 10.0	< 10.0	< 10.0						< 10							
1,2-Dibromo-3-chloropropane	2015-10	ug/L	<10	<10	<10						<10					<10	<10	
1,2-Dibromo-3-chloropropane	2016-04	ug/L	<10	<10	<10						<10					<10	<10	
1,2-Dibromo-3-chloropropane	2016-10	ug/L	<5	<5	<5						<5					<5	<5	
1,2-Dibromo-3-chloropropane	2017-03	ug/L	<5	<5	<5						<5					<5	<5	
1,2-Dibromo-3-chloropropane	2017-10	ug/L	<5	<5	<5						<5					<5	<5	
1,2-Dibromo-3-chloropropane	2017-12	ug/L			<5													
1,2-Dibromo-3-chloropropane	2018-04	ug/L	<5	<5	<5						<5					<5	<5	
1,2-Dibromo-3-chloropropane	2018-07	ug/L								<5								
1,2-Dibromo-3-chloropropane	2018-10	ug/L	<5	<5	<5					<5	<5					<5	<5	
1,2-Dibromo-3-chloropropane	2019-01	ug/L								<5								
1,2-Dibromo-3-chloropropane	2019-03	ug/L	<5	<5	<5					<5	<5					<5	<5	
1,2-Dibromo-3-chloropropane	2019-05	ug/L		<5						<5								
1,2-Dibromo-3-chloropropane	2019-10	ug/L	<5	<5	<5					<5	<5					<5	<5	
1,2-Dibromo-3-chloropropane	2020-03	ug/L	<5	<5	<5					<5	<5					<5	<5	
1,2-Dibromo-3-chloropropane	2020-09	ug/L	<5	<5	<5					<5	<5					<5	<5	
1,2-Dibromo-3-chloropropane	2021-03	ug/L	<5	<5	<5			<5	<5	<5	<5					<5	<5	
1,2-Dibromo-3-chloropropane	2021-05	ug/L	<5															
1,2-Dibromo-3-chloropropane	2021-08	ug/L						<5	<5									
1,2-Dibromo-3-chloropropane	2021-10	ug/L	<5	<5	<5			<5	<5	<5	<5							
1,2-Dibromo-3-chloropropane	2021-12	ug/L	<5															
1,2-Dibromo-3-chloropropane	2022-02	ug/L						<5	<5									
1,2-Dibromo-3-chloropropane	2022-04	ug/L	<5	<5	<5			<5	<5	<5	<5							

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
1,2-Dibromo-3-chloropropane	2022-07	ug/L			<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	2023-04	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													
1,2-Dibromo-3-chloropropane	2023-10	ug/L	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				<5	<5	<5
1,2-Dibromo-3-chloropropane	2024-04	ug/L	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5			<5	<5	<5
1,2-Dibromo-3-chloropropane	2024-09	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5			< 5	< 5	< 5
1,2-Dibromo-3-chloropropane	2025-03	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5			< 5	< 5	< 5
1,2-Dibromo-3-chloropropane	2025-08	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5			< 5	< 5	< 5
1,2-Dibromoethane	2008-01	ug/L					~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~			
1,2-Dibromoethane	2008-03	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			
1,2-Dibromoethane	2008-08	ug/L					~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~			
1,2-Dibromoethane	2008-09	ug/L					~~< 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~~			
1,2-Dibromoethane	2009-03	ug/L					~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~			
1,2-Dibromoethane	2009-06	ug/L					~~< 50.0~~	~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10~~			~~< 10.0~~				
1,2-Dibromoethane	2009-09	ug/L					~~< 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~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
1,2-Dibromoethane	2010-03	ug/L					~~< 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~~	~~< 10.0~~	~~< 10.0~~
1,2-Dibromoethane	2010-08	ug/L										~~< 10.0~~	~~< 10.0~~			~~< 10.0~~	~~< 10.0~~	~~< 10.0~~
1,2-Dibromoethane	2010-09	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	2010-12	ug/L										~~< 10.0~~				~~< 10.0~~	~~< 10.0~~	~~< 10.0~~
1,2-Dibromoethane	2011-03	ug/L		~~< 10.0~~			~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 100~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~
1,2-Dibromoethane	2011-04	ug/L					~~< 10.0~~		~~< 10.0~~	~~< 100~~	~~< 10.0~~						~~< 10.0~~	
1,2-Dibromoethane	2011-06	ug/L		~~< 10.0~~									~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
1,2-Dibromoethane	2011-07	ug/L	~~< 10.0~~															
1,2-Dibromoethane	2011-08	ug/L		~~< 10.0~~														
1,2-Dibromoethane	2011-09	ug/L	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 100~~	~~< 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~~											~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
1,2-Dibromoethane	2012-03	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~~	~~< 10.0~~	~~< 10.0~~
1,2-Dibromoethane	2012-06	ug/L																
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	2013-03	ug/L	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 100~~	~~< 10.0~~	~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~
1,2-Dibromoethane	2013-06	ug/L																
1,2-Dibromoethane	2013-09	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~~	~~< 10.0~~
1,2-Dibromoethane	2013-11	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~~	~~< 10.0~~	~~< 10.0~~
1,2-Dibromoethane	2014-06	ug/L																
1,2-Dibromoethane	2014-09	ug/L	~~< 10~~	~~< 10~~			~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10~~
1,2-Dibromoethane	2014-12	ug/L															~~< 10.0~~	
1,2-Dibromoethane	2015-04	ug/L	< 10.0	< 10			< 10	< 10.0	< 10	< 10	< 10	< 10.0	< 10.0			< 10.0	< 10	< 10
1,2-Dibromoethane	2015-10	ug/L	<10	<10			<10	<10	<10	<10	<10	<10				<10	<10	<10
1,2-Dibromoethane	2016-04	ug/L	<10	<10			<10	<10	<10	<10	<10	<10	<10			<10	<10	<10
1,2-Dibromoethane	2016-10	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,2-Dibromoethane	2017-03	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,2-Dibromoethane	2017-10	ug/L	<1	<1			<1	<1	<1	<1	<1	<1				<1	<1	<1
1,2-Dibromoethane	2017-12	ug/L					<1					<1						<1
1,2-Dibromoethane	2018-04	ug/L	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,2-Dibromoethane	2018-07	ug/L											<1					
1,2-Dibromoethane	2018-10	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,2-Dibromoethane	2019-01	ug/L																
1,2-Dibromoethane	2019-03	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,2-Dibromoethane	2019-05	ug/L																
1,2-Dibromoethane	2019-10	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,2-Dibromoethane	2020-03	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,2-Dibromoethane	2020-09	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,2-Dibromoethane	2021-03	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1

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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
1,2-Dibromo-3-chloropropane	2022-07	ug/L																
1,2-Dibromo-3-chloropropane	2022-10	ug/L	<5	<5	<5			<5	<5	<5	<5							
1,2-Dibromo-3-chloropropane	2023-04	ug/L	<5	<5	<5			<5	<5	<5	<5							
1,2-Dibromo-3-chloropropane	2023-05	ug/L																
1,2-Dibromo-3-chloropropane	2023-10	ug/L	<5	<5	<5			<5	<5	<5	<5							
1,2-Dibromo-3-chloropropane	2024-04	ug/L	<5	<5	<5			<5	<5	<5	<5							
1,2-Dibromo-3-chloropropane	2024-09	ug/L	< 5	< 5	< 5			< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dibromo-3-chloropropane	2025-03	ug/L	< 5	< 5	< 5			< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dibromo-3-chloropropane	2025-08	ug/L	< 5	< 5	< 5			< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dibromoethane	2008-01	ug/L																
1,2-Dibromoethane	2008-03	ug/L																
1,2-Dibromoethane	2008-08	ug/L																
1,2-Dibromoethane	2008-09	ug/L																
1,2-Dibromoethane	2008-10	ug/L																
1,2-Dibromoethane	2009-03	ug/L																
1,2-Dibromoethane	2009-06	ug/L																
1,2-Dibromoethane	2009-09	ug/L																
1,2-Dibromoethane	2009-12	ug/L																
1,2-Dibromoethane	2010-03	ug/L																
1,2-Dibromoethane	2010-06	ug/L	~~< 10.0~~	~~< 10.0~~														
1,2-Dibromoethane	2010-08	ug/L	~~< 10.0~~	~~< 10.0~~														
1,2-Dibromoethane	2010-09	ug/L	~~< 10.0~~	~~< 10.0~~														
1,2-Dibromoethane	2010-12	ug/L	~~< 10.0~~	~~< 10.0~~														
1,2-Dibromoethane	2011-03	ug/L	~~< 10.0~~	~~< 10.0~~														
1,2-Dibromoethane	2011-04	ug/L																
1,2-Dibromoethane	2011-06	ug/L																
1,2-Dibromoethane	2011-07	ug/L																
1,2-Dibromoethane	2011-08	ug/L																
1,2-Dibromoethane	2011-09	ug/L	~~< 10.0~~	~~< 10.0~~														
1,2-Dibromoethane	2011-12	ug/L																
1,2-Dibromoethane	2012-03	ug/L	~~< 10.0~~	~~< 10.0~~														
1,2-Dibromoethane	2012-06	ug/L									~~< 10.0~~	~~< 10.0~~		~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	
1,2-Dibromoethane	2012-10	ug/L																
1,2-Dibromoethane	2013-03	ug/L	~~< 10.0~~								~~< 10.0~~							
1,2-Dibromoethane	2013-06	ug/L			~~< 10.0~~													
1,2-Dibromoethane	2013-09	ug/L	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~						~~< 10.0~~							
1,2-Dibromoethane	2013-11	ug/L			~~< 10.0~~													
1,2-Dibromoethane	2014-03	ug/L	~~< 10.0~~		~~< 10.0~~						~~< 10.0~~							
1,2-Dibromoethane	2014-06	ug/L		~~< 10.0~~	~~< 10.0~~													
1,2-Dibromoethane	2014-09	ug/L	~~< 10~~	~~< 10~~	~~< 10~~						~~< 10~~							
1,2-Dibromoethane	2014-12	ug/L																
1,2-Dibromoethane	2015-04	ug/L	< 10.0	< 10.0	< 10.0						< 10							
1,2-Dibromoethane	2015-10	ug/L	<10	<10	<10						<10					<10	<10	
1,2-Dibromoethane	2016-04	ug/L	<10	<10	<10						<10					<10	<10	
1,2-Dibromoethane	2016-10	ug/L	<1	<1	<1						<1					<1	<1	
1,2-Dibromoethane	2017-03	ug/L	<1	<1	<1						<1					<1	<1	
1,2-Dibromoethane	2017-10	ug/L	<1	<1	<1						<1					<1	<1	
1,2-Dibromoethane	2017-12	ug/L			<1													
1,2-Dibromoethane	2018-04	ug/L	<1	<1	<1						<1					<1	<1	
1,2-Dibromoethane	2018-07	ug/L								<1								
1,2-Dibromoethane	2018-10	ug/L	<1	<1	<1					<1	<1					<1	<1	
1,2-Dibromoethane	2019-01	ug/L								<1								
1,2-Dibromoethane	2019-03	ug/L	<1	<1	<1					<1	<1					<1	<1	
1,2-Dibromoethane	2019-05	ug/L		<1						<1								
1,2-Dibromoethane	2019-10	ug/L	<1	<1	<1					<1	<1					<1	<1	
1,2-Dibromoethane	2020-03	ug/L	<1	<1	<1					<1	<1					<1	<1	
1,2-Dibromoethane	2020-09	ug/L	<1	<1	<1					<1	<1					<1	<1	
1,2-Dibromoethane	2021-03	ug/L	<1	<1	<1			<1	<1	<1	<1					<1	<1	

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
1,2-Dibromoethane	2021-05	ug/L																
1,2-Dibromoethane	2021-08	ug/L																
1,2-Dibromoethane	2021-10	ug/L	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,2-Dibromoethane	2021-12	ug/L																
1,2-Dibromoethane	2022-02	ug/L	<1		<1	<1												
1,2-Dibromoethane	2022-04	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,2-Dibromoethane	2022-07	ug/L			<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	2023-04	ug/L	<1	<1		<1	<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,2-Dibromoethane	2023-05	ug/L			<1													
1,2-Dibromoethane	2023-10	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				<1	<1	<1
1,2-Dibromoethane	2024-04	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,2-Dibromoethane	2024-09	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1			< 1	< 1	< 1
1,2-Dibromoethane	2025-03	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1			< 1	< 1	< 1
1,2-Dibromoethane	2025-08	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1			< 1	< 1	< 1
1,2-Dichlorobenzene	2008-01	ug/L					~~< 1~~	~~< 1~~	~~< 1.00~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~			
1,2-Dichlorobenzene	2008-03	ug/L					~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~			
1,2-Dichlorobenzene	2008-08	ug/L					~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~			
1,2-Dichlorobenzene	2008-09	ug/L					~~< 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~~			
1,2-Dichlorobenzene	2009-03	ug/L					~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~			
1,2-Dichlorobenzene	2009-06	ug/L					~~< 5.00~~	~~< 1~~	~~< 1~~	~~< 1.00~~	~~< 1~~			~~< 1.00~~				
1,2-Dichlorobenzene	2009-09	ug/L					~~< 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					~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 1.00~~	~~< 1.00~~			~~< 1.00~~				
1,2-Dichlorobenzene	2010-03	ug/L					~~< 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~~	~~< 1.00~~	~~< 1.00~~
1,2-Dichlorobenzene	2010-08	ug/L										~~< 1.00~~	~~< 1.00~~			~~< 1.00~~	~~< 1.00~~	~~< 1.00~~
1,2-Dichlorobenzene	2010-09	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	2010-12	ug/L										~~< 1.00~~				~~< 1.00~~	~~< 1.00~~	~~< 1.00~~
1,2-Dichlorobenzene	2011-03	ug/L		~~< 1.00~~			~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 10.0~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~
1,2-Dichlorobenzene	2011-04	ug/L					~~< 1.00~~		~~< 1.00~~	~~< 10.0~~	~~< 1.00~~						~~< 1.00~~	
1,2-Dichlorobenzene	2011-06	ug/L		~~< 1.00~~									~~< 1.00~~		~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	
1,2-Dichlorobenzene	2011-07	ug/L	~~< 1.00~~															
1,2-Dichlorobenzene	2011-08	ug/L		~~< 1.00~~														
1,2-Dichlorobenzene	2011-09	ug/L	~~< 2.00~~	~~< 2.00~~			~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 10.0~~	~~< 2.00~~	~~< 2.00~~		~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 2.00~~
1,2-Dichlorobenzene	2011-12	ug/L	~~< 1.00~~	~~< 1.00~~											~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	
1,2-Dichlorobenzene	2012-03	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~~	~~< 1.00~~	~~< 1.00~~
1,2-Dichlorobenzene	2012-06	ug/L																
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	2013-03	ug/L	~~< 1.00~~	~~< 1.00~~			~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 10.0~~	~~< 1.00~~	~~< 1.00~~		~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~
1,2-Dichlorobenzene	2013-06	ug/L																
1,2-Dichlorobenzene	2013-09	ug/L	~~< 1.00~~	~~< 1.00~~			~~< 1.00~~	~~< 1.00~~	~~**0.371**~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~		~~< 1.00~~	~~< 1.00~~	~~**0.567**~~	~~< 1.00~~	~~< 1.00~~
1,2-Dichlorobenzene	2013-11	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~~	~~< 1.00~~	~~< 1.00~~
1,2-Dichlorobenzene	2014-06	ug/L																
1,2-Dichlorobenzene	2014-09	ug/L	~~< 1~~	~~< 1~~			~~< 1.00~~	~~< 1.00~~	~~**0.308**~~	~~< 1.00~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1~~
1,2-Dichlorobenzene	2014-12	ug/L															~~< 1.00~~	
1,2-Dichlorobenzene	2015-04	ug/L	< 1.00	< 1			< 1	< 1.00	**0.192**	< 1	< 1	< 1.00	< 1.00			< 1.00	< 1	< 1
1,2-Dichlorobenzene	2015-10	ug/L	<1	<1			<1	<1	**0.268 J**	<1	<1	<1				<1	<1	<1
1,2-Dichlorobenzene	2016-04	ug/L	<1	<1			<1	<1	**0.233 J**	<1	<1	<1	<1			<1	<1	<1
1,2-Dichlorobenzene	2016-10	ug/L	<1	<1			<1	<1	**0.312 J**	<1	<1	<1	<1			**0.319 J**	<1	<1
1,2-Dichlorobenzene	2017-03	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,2-Dichlorobenzene	2017-10	ug/L	<1	<1			<1	<1	**0.158 J**	<1	<1	<1				**0.229 J**	<1	<1
1,2-Dichlorobenzene	2017-12	ug/L					<1					<1						<1
1,2-Dichlorobenzene	2018-04	ug/L	<1	<1	<1		<1	<1	**0.286 J**	<1	<1	<1	<1			<1	<1	<1
1,2-Dichlorobenzene	2018-07	ug/L											<1					
1,2-Dichlorobenzene	2018-10	ug/L	<1	<1			<1	<1	**0.472 J**	<1	<1	<1	<1			<1	<1	<1
1,2-Dichlorobenzene	2019-01	ug/L																

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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
1,2-Dibromoethane	2021-05	ug/L	<1															
1,2-Dibromoethane	2021-08	ug/L						<1	<1									
1,2-Dibromoethane	2021-10	ug/L	<1	<1	<1			<1	<1	<1	<1							
1,2-Dibromoethane	2021-12	ug/L	<1															
1,2-Dibromoethane	2022-02	ug/L						<1	<1									
1,2-Dibromoethane	2022-04	ug/L	<1	<1	<1			<1	<1	<1	<1							
1,2-Dibromoethane	2022-07	ug/L																
1,2-Dibromoethane	2022-10	ug/L	<1	<1	<1			<1	<1	<1	<1							
1,2-Dibromoethane	2023-04	ug/L	<1	<1	<1			<1	<1	<1	<1							
1,2-Dibromoethane	2023-05	ug/L																
1,2-Dibromoethane	2023-10	ug/L	<1	<1	<1			<1	<1	<1	<1							
1,2-Dibromoethane	2024-04	ug/L	<1	<1	<1			<1	<1	<1	<1							
1,2-Dibromoethane	2024-09	ug/L	< 1	< 1	< 1			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dibromoethane	2025-03	ug/L	< 1	< 1	< 1			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dibromoethane	2025-08	ug/L	< 1	< 1	< 1			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichlorobenzene	2008-01	ug/L																
1,2-Dichlorobenzene	2008-03	ug/L																
1,2-Dichlorobenzene	2008-08	ug/L																
1,2-Dichlorobenzene	2008-09	ug/L																
1,2-Dichlorobenzene	2008-10	ug/L																
1,2-Dichlorobenzene	2009-03	ug/L																
1,2-Dichlorobenzene	2009-06	ug/L																
1,2-Dichlorobenzene	2009-09	ug/L																
1,2-Dichlorobenzene	2009-12	ug/L																
1,2-Dichlorobenzene	2010-03	ug/L																
1,2-Dichlorobenzene	2010-06	ug/L	~~< 1.00~~	~~< 1.00~~														
1,2-Dichlorobenzene	2010-08	ug/L	~~< 1.00~~	~~< 1.00~~														
1,2-Dichlorobenzene	2010-09	ug/L	~~< 1.00~~	~~< 1.00~~														
1,2-Dichlorobenzene	2010-12	ug/L	~~< 1.00~~	~~< 1.00~~														
1,2-Dichlorobenzene	2011-03	ug/L	~~< 1.00~~	~~< 1.00~~														
1,2-Dichlorobenzene	2011-04	ug/L																
1,2-Dichlorobenzene	2011-06	ug/L																
1,2-Dichlorobenzene	2011-07	ug/L																
1,2-Dichlorobenzene	2011-08	ug/L																
1,2-Dichlorobenzene	2011-09	ug/L	~~< 2.00~~	~~< 2.00~~														
1,2-Dichlorobenzene	2011-12	ug/L																
1,2-Dichlorobenzene	2012-03	ug/L	~~< 1.00~~	~~< 1.00~~														
1,2-Dichlorobenzene	2012-06	ug/L									~~< 1.00~~	~~< 1.00~~		~~< 1.00~~		~~< 1.00~~	~~< 1.00~~	
1,2-Dichlorobenzene	2012-10	ug/L																
1,2-Dichlorobenzene	2013-03	ug/L	~~< 1.00~~								~~< 1.00~~							
1,2-Dichlorobenzene	2013-06	ug/L			~~< 1.00~~													
1,2-Dichlorobenzene	2013-09	ug/L	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~						~~< 1.00~~							
1,2-Dichlorobenzene	2013-11	ug/L			~~< 1.00~~													
1,2-Dichlorobenzene	2014-03	ug/L	~~< 1.00~~		~~< 1.00~~						~~< 1.00~~							
1,2-Dichlorobenzene	2014-06	ug/L		~~< 1.00~~	~~< 1.00~~													
1,2-Dichlorobenzene	2014-09	ug/L	~~< 1~~	~~< 1~~	~~< 1~~						~~< 1~~							
1,2-Dichlorobenzene	2014-12	ug/L																
1,2-Dichlorobenzene	2015-04	ug/L	< 1.00	< 1.00	< 1.00						< 1							
1,2-Dichlorobenzene	2015-10	ug/L	<1	<1	<1						<1					<1	<1	
1,2-Dichlorobenzene	2016-04	ug/L	<1	<1	<1						<1					<1	<1	
1,2-Dichlorobenzene	2016-10	ug/L	<1	<1	<1						<1					<1	<1	
1,2-Dichlorobenzene	2017-03	ug/L	<1	<1	<1						<1					<1	<1	
1,2-Dichlorobenzene	2017-10	ug/L	<1	<1	<1						<1					<1	<1	
1,2-Dichlorobenzene	2017-12	ug/L			<1													
1,2-Dichlorobenzene	2018-04	ug/L	<1	<1	<1						<1					<1	<1	
1,2-Dichlorobenzene	2018-07	ug/L								<1								
1,2-Dichlorobenzene	2018-10	ug/L	<1	<1	<1					<1	<1					<1	<1	
1,2-Dichlorobenzene	2019-01	ug/L								<1								

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
1,2-Dichlorobenzene	2019-03	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,2-Dichlorobenzene	2019-05	ug/L																
1,2-Dichlorobenzene	2019-10	ug/L	<1	<1			<1	<1	**0.381 J**	<1	<1	<1	<1			<1	<1	<1
1,2-Dichlorobenzene	2020-03	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,2-Dichlorobenzene	2020-09	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,2-Dichlorobenzene	2021-03	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,2-Dichlorobenzene	2021-05	ug/L																
1,2-Dichlorobenzene	2021-08	ug/L																
1,2-Dichlorobenzene	2021-10	ug/L	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,2-Dichlorobenzene	2021-12	ug/L																
1,2-Dichlorobenzene	2022-02	ug/L	<1		<1	<1												
1,2-Dichlorobenzene	2022-04	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,2-Dichlorobenzene	2022-07	ug/L			<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	2023-04	ug/L	<1	<1		<1	<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,2-Dichlorobenzene	2023-05	ug/L			<1													
1,2-Dichlorobenzene	2023-10	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				<1	<1	<1
1,2-Dichlorobenzene	2024-04	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,2-Dichlorobenzene	2024-09	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1			< 1	< 1	< 1
1,2-Dichlorobenzene	2025-03	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1			< 1	< 1	< 1
1,2-Dichlorobenzene	2025-08	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1			< 1	< 1	< 1
1,2-Dichloroethane	2008-01	ug/L					~~< 1~~	~~< 1~~	~~< 1.00~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~			
1,2-Dichloroethane	2008-03	ug/L					~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~			
1,2-Dichloroethane	2008-08	ug/L					~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~			
1,2-Dichloroethane	2008-09	ug/L					~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~			
1,2-Dichloroethane	2008-10	ug/L					~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~			
1,2-Dichloroethane	2009-03	ug/L					~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~			
1,2-Dichloroethane	2009-06	ug/L					~~< 5.00~~	~~< 1~~	~~< 1~~	~~< 1.00~~	~~< 1~~			~~< 1.00~~				
1,2-Dichloroethane	2009-09	ug/L					~~< 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~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~			~~< 1.00~~				
1,2-Dichloroethane	2010-03	ug/L					~~< 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~~	~~< 1.00~~	~~< 1.00~~
1,2-Dichloroethane	2010-08	ug/L										~~< 1.00~~	~~< 1.00~~			~~< 1.00~~	~~< 1.00~~	~~< 1.00~~
1,2-Dichloroethane	2010-09	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	2010-12	ug/L										~~< 1.00~~				~~< 1.00~~	~~< 1.00~~	~~< 1.00~~
1,2-Dichloroethane	2011-03	ug/L		~~< 1.00~~			~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 10.0~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~
1,2-Dichloroethane	2011-04	ug/L					~~< 1.00~~		~~< 1.00~~	~~< 10.0~~	~~< 1.00~~						~~< 1.00~~	
1,2-Dichloroethane	2011-06	ug/L		~~< 1.00~~									~~< 1.00~~		~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	
1,2-Dichloroethane	2011-07	ug/L	~~< 1.00~~															
1,2-Dichloroethane	2011-08	ug/L		~~< 1.00~~														
1,2-Dichloroethane	2011-09	ug/L	~~< 1.00~~	~~< 1.00~~			~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 10.0~~	~~< 1.00~~	~~< 1.00~~		~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~
1,2-Dichloroethane	2011-12	ug/L	~~< 1.00~~	~~< 1.00~~											~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	
1,2-Dichloroethane	2012-03	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~~	~~< 1.00~~	~~< 1.00~~
1,2-Dichloroethane	2012-06	ug/L																
1,2-Dichloroethane	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-Dichloroethane	2013-03	ug/L	~~< 1.00~~	~~< 1.00~~			~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 10.0~~	~~< 1.00~~	~~< 1.00~~		~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~
1,2-Dichloroethane	2013-06	ug/L																
1,2-Dichloroethane	2013-09	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~~	~~< 1.00~~
1,2-Dichloroethane	2013-11	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~~	~~< 1.00~~	~~< 1.00~~
1,2-Dichloroethane	2014-06	ug/L																
1,2-Dichloroethane	2014-09	ug/L	~~< 1~~	~~< 1~~			~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1~~
1,2-Dichloroethane	2014-12	ug/L															~~< 1.00~~	
1,2-Dichloroethane	2015-04	ug/L	< 1.00	< 1			< 1	< 1.00	~~< 1 o~~	< 1	< 1	< 1.00	< 1.00			< 1.00	< 1	< 1
1,2-Dichloroethane	2015-10	ug/L	<1	<1			<1	<1	~~<1 o~~	<1	<1	<1				<1	<1	<1
1,2-Dichloroethane	2016-04	ug/L	<1	<1			<1	<1	~~<1 o~~	<1	<1	<1	<1			<1	<1	<1
1,2-Dichloroethane	2016-10	ug/L	<1	<1			<1	<1	~~<1 o~~	<1	<1	<1	<1			<1	<1	<1
1,2-Dichloroethane	2017-03	ug/L	<1	<1			<1	<1	**0.188 J**	<1	<1	<1	<1			<1	<1	<1

Cedar Rapids Linn County Solid Waste Agency Site 2
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Table 20
Analytical Data Summary
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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
1,2-Dichlorobenzene	2019-03	ug/L	<1	<1	<1					<1	<1					<1	<1	
1,2-Dichlorobenzene	2019-05	ug/L		<1						<1								
1,2-Dichlorobenzene	2019-10	ug/L	<1	<1	<1					<1	<1					<1	<1	
1,2-Dichlorobenzene	2020-03	ug/L	<1	<1	<1					<1	<1					<1	<1	
1,2-Dichlorobenzene	2020-09	ug/L	<1	<1	<1					<1	<1					<1	<1	
1,2-Dichlorobenzene	2021-03	ug/L	<1	<1	<1			<1	<1	<1	<1					<1	<1	
1,2-Dichlorobenzene	2021-05	ug/L	<1															
1,2-Dichlorobenzene	2021-08	ug/L						<1	<1									
1,2-Dichlorobenzene	2021-10	ug/L	<1	<1	<1			<1	<1	<1	<1							
1,2-Dichlorobenzene	2021-12	ug/L	<1															
1,2-Dichlorobenzene	2022-02	ug/L						<1	<1									
1,2-Dichlorobenzene	2022-04	ug/L	<1	<1	<1			<1	<1	<1	<1							
1,2-Dichlorobenzene	2022-07	ug/L																
1,2-Dichlorobenzene	2022-10	ug/L	<1	<1	<1			<1	<1	<1	<1							
1,2-Dichlorobenzene	2023-04	ug/L	<1	<1	<1			<1	<1	<1	<1							
1,2-Dichlorobenzene	2023-05	ug/L																
1,2-Dichlorobenzene	2023-10	ug/L	<1	<1	<1			<1	<1	<1	<1							
1,2-Dichlorobenzene	2024-04	ug/L	<1	<1	<1			<1	<1	<1	<1							
1,2-Dichlorobenzene	2024-09	ug/L	< 1	< 1	< 1			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichlorobenzene	2025-03	ug/L	< 1	< 1	< 1			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichlorobenzene	2025-08	ug/L	< 1	< 1	< 1			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichloroethane	2008-01	ug/L																
1,2-Dichloroethane	2008-03	ug/L																
1,2-Dichloroethane	2008-08	ug/L																
1,2-Dichloroethane	2008-09	ug/L																
1,2-Dichloroethane	2008-10	ug/L																
1,2-Dichloroethane	2009-03	ug/L																
1,2-Dichloroethane	2009-06	ug/L																
1,2-Dichloroethane	2009-09	ug/L																
1,2-Dichloroethane	2009-12	ug/L																
1,2-Dichloroethane	2010-03	ug/L																
1,2-Dichloroethane	2010-06	ug/L	~~< 1.00~~	~~< 1.00~~														
1,2-Dichloroethane	2010-08	ug/L	~~< 1.00~~	~~< 1.00~~														
1,2-Dichloroethane	2010-09	ug/L	~~< 1.00~~	~~< 1.00~~														
1,2-Dichloroethane	2010-12	ug/L	~~< 1.00~~	~~< 1.00~~														
1,2-Dichloroethane	2011-03	ug/L	~~< 1.00~~	~~< 1.00~~														
1,2-Dichloroethane	2011-04	ug/L																
1,2-Dichloroethane	2011-06	ug/L																
1,2-Dichloroethane	2011-07	ug/L																
1,2-Dichloroethane	2011-08	ug/L																
1,2-Dichloroethane	2011-09	ug/L	~~< 1.00~~	~~< 1.00~~														
1,2-Dichloroethane	2011-12	ug/L																
1,2-Dichloroethane	2012-03	ug/L	~~< 1.00~~	~~< 1.00~~														
1,2-Dichloroethane	2012-06	ug/L									~~< 1.00~~	~~< 1.00~~		~~< 1.00~~		~~< 1.00~~	~~< 1.00~~	
1,2-Dichloroethane	2012-10	ug/L																
1,2-Dichloroethane	2013-03	ug/L	~~< 1.00~~								~~< 1.00~~							
1,2-Dichloroethane	2013-06	ug/L			~~< 1.00~~													
1,2-Dichloroethane	2013-09	ug/L	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~						~~< 1.00~~							
1,2-Dichloroethane	2013-11	ug/L			~~< 1.00~~													
1,2-Dichloroethane	2014-03	ug/L	~~< 1.00~~		~~< 1.00~~						~~< 1.00~~							
1,2-Dichloroethane	2014-06	ug/L		~~< 1.00~~	~~< 1.00~~													
1,2-Dichloroethane	2014-09	ug/L	~~< 1~~	~~< 1~~	~~< 1~~						~~< 1~~							
1,2-Dichloroethane	2014-12	ug/L																
1,2-Dichloroethane	2015-04	ug/L	< 1.00	< 1.00	< 1.00						< 1							
1,2-Dichloroethane	2015-10	ug/L	<1	<1	<1						<1					<1	<1	
1,2-Dichloroethane	2016-04	ug/L	<1	<1	<1						<1					<1	<1	
1,2-Dichloroethane	2016-10	ug/L	<1	<1	<1						<1					<1	<1	
1,2-Dichloroethane	2017-03	ug/L	<1	<1	<1						<1					<1	<1	

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Table 20
Analytical Data Summary
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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
1,2-Dichloroethane	2017-10	ug/L	<1	<1			<1	<1	~~0.255 Jo~~	0.183 J	0.199 J	<1				0.212 J	<1	<1
1,2-Dichloroethane	2017-12	ug/L					<1					<1						<1
1,2-Dichloroethane	2018-04	ug/L	<1	<1	<1		<1	<1	~~0.243 Jo~~	<1	<1	<1	<1			<1	<1	<1
1,2-Dichloroethane	2018-07	ug/L											<1					
1,2-Dichloroethane	2018-10	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,2-Dichloroethane	2019-01	ug/L																
1,2-Dichloroethane	2019-03	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,2-Dichloroethane	2019-05	ug/L																
1,2-Dichloroethane	2019-10	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,2-Dichloroethane	2020-03	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,2-Dichloroethane	2020-09	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,2-Dichloroethane	2021-03	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,2-Dichloroethane	2021-05	ug/L																
1,2-Dichloroethane	2021-08	ug/L																
1,2-Dichloroethane	2021-10	ug/L	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,2-Dichloroethane	2021-12	ug/L																
1,2-Dichloroethane	2022-02	ug/L	<1		<1	<1												
1,2-Dichloroethane	2022-04	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,2-Dichloroethane	2022-07	ug/L			<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	2023-04	ug/L	<1	<1		<1	<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,2-Dichloroethane	2023-05	ug/L			<1													
1,2-Dichloroethane	2023-10	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				<1	<1	<1
1,2-Dichloroethane	2024-04	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,2-Dichloroethane	2024-09	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1			< 1	< 1	< 1
1,2-Dichloroethane	2025-03	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1			< 1	< 1	< 1
1,2-Dichloroethane	2025-08	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1			< 1	< 1	< 1
1,2-Dichloropropane	2008-01	ug/L					~~< 1~~	~~< 1~~	~~< 1.00~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~			
1,2-Dichloropropane	2008-03	ug/L					~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~			
1,2-Dichloropropane	2008-08	ug/L					~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~			
1,2-Dichloropropane	2008-09	ug/L					~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~			
1,2-Dichloropropane	2008-10	ug/L					~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~			
1,2-Dichloropropane	2009-03	ug/L					~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~			
1,2-Dichloropropane	2009-06	ug/L					~~< 5.00~~	~~< 1~~	~~< 1~~	~~< 1.00~~	~~< 1~~			~~< 1.00~~				
1,2-Dichloropropane	2009-09	ug/L					~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~			
1,2-Dichloropropane	2009-12	ug/L					~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~			~~< 1.00~~				
1,2-Dichloropropane	2010-03	ug/L					~~< 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~~	~~< 1.00~~	~~< 1.00~~
1,2-Dichloropropane	2010-08	ug/L										~~< 1.00~~	~~< 1.00~~			~~< 1.00~~	~~< 1.00~~	~~< 1.00~~
1,2-Dichloropropane	2010-09	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	2010-12	ug/L										~~< 1.00~~				~~< 1.00~~	~~< 1.00~~	~~< 1.00~~
1,2-Dichloropropane	2011-03	ug/L		~~< 1.00~~			~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 10.0~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~
1,2-Dichloropropane	2011-04	ug/L					~~< 1.00~~		~~< 1.00~~	~~< 10.0~~	~~< 1.00~~						~~< 1.00~~	
1,2-Dichloropropane	2011-06	ug/L		~~< 1.00~~									~~< 1.00~~		~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	
1,2-Dichloropropane	2011-07	ug/L	~~< 1.00~~															
1,2-Dichloropropane	2011-08	ug/L		~~< 1.00~~														
1,2-Dichloropropane	2011-09	ug/L	~~< 1.00~~	~~< 1.00~~			~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 10.0~~	~~< 1.00~~	~~< 1.00~~		~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~
1,2-Dichloropropane	2011-12	ug/L	~~< 1.00~~	~~< 1.00~~											~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	
1,2-Dichloropropane	2012-03	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~~	~~< 1.00~~	~~< 1.00~~
1,2-Dichloropropane	2012-06	ug/L																
1,2-Dichloropropane	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-Dichloropropane	2013-03	ug/L	~~< 1.00~~	~~< 1.00~~			~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 10.0~~	~~< 1.00~~	~~< 1.00~~		~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~
1,2-Dichloropropane	2013-06	ug/L																
1,2-Dichloropropane	2013-09	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~~	~~< 1.00~~
1,2-Dichloropropane	2013-11	ug/L																
1,2-Dichloropropane	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~~	~~< 1.00~~	~~< 1.00~~
1,2-Dichloropropane	2014-06	ug/L																
1,2-Dichloropropane	2014-09	ug/L	~~< 1~~	~~< 1~~			~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1~~

Cedar Rapids Linn County Solid Waste Agency Site 2
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Table 20
Analytical Data Summary
2025 Annual Water Quality Report

Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
1,2-Dichloroethane	2017-10	ug/L	<1	<1	<1						<1					<1	<1	
1,2-Dichloroethane	2017-12	ug/L			<1													
1,2-Dichloroethane	2018-04	ug/L	<1	<1	<1						<1					<1	<1	
1,2-Dichloroethane	2018-07	ug/L								<1								
1,2-Dichloroethane	2018-10	ug/L	<1	<1	<1					<1	<1					<1	<1	
1,2-Dichloroethane	2019-01	ug/L								<1								
1,2-Dichloroethane	2019-03	ug/L	<1	<1	<1					<1	<1					<1	<1	
1,2-Dichloroethane	2019-05	ug/L		~~0.498 Jo~~						<1								
1,2-Dichloroethane	2019-10	ug/L	<1	<1	<1					<1	<1					<1	<1	
1,2-Dichloroethane	2020-03	ug/L	<1	<1	<1					<1	<1					<1	<1	
1,2-Dichloroethane	2020-09	ug/L	<1	<1	<1					<1	<1					<1	<1	
1,2-Dichloroethane	2021-03	ug/L	<1	<1	<1			<1	<1	<1	<1					<1	<1	
1,2-Dichloroethane	2021-05	ug/L	<1															
1,2-Dichloroethane	2021-08	ug/L						<1	<1									
1,2-Dichloroethane	2021-10	ug/L	<1	<1	<1			<1	<1	<1	<1							
1,2-Dichloroethane	2021-12	ug/L	<1															
1,2-Dichloroethane	2022-02	ug/L						<1	<1									
1,2-Dichloroethane	2022-04	ug/L	<1	<1	<1			<1	<1	<1	<1							
1,2-Dichloroethane	2022-07	ug/L																
1,2-Dichloroethane	2022-10	ug/L	<1	<1	<1			<1	<1	<1	<1							
1,2-Dichloroethane	2023-04	ug/L	<1	<1	<1			<1	<1	<1	<1							
1,2-Dichloroethane	2023-05	ug/L																
1,2-Dichloroethane	2023-10	ug/L	<1	<1	<1			<1	<1	<1	<1							
1,2-Dichloroethane	2024-04	ug/L	<1	<1	<1			<1	<1	<1	<1							
1,2-Dichloroethane	2024-09	ug/L	< 1	< 1	< 1			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichloroethane	2025-03	ug/L	< 1	< 1	< 1			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichloroethane	2025-08	ug/L	< 1	< 1	< 1			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichloropropane	2008-01	ug/L																
1,2-Dichloropropane	2008-03	ug/L																
1,2-Dichloropropane	2008-08	ug/L																
1,2-Dichloropropane	2008-09	ug/L																
1,2-Dichloropropane	2008-10	ug/L																
1,2-Dichloropropane	2009-03	ug/L																
1,2-Dichloropropane	2009-06	ug/L																
1,2-Dichloropropane	2009-09	ug/L																
1,2-Dichloropropane	2009-12	ug/L																
1,2-Dichloropropane	2010-03	ug/L																
1,2-Dichloropropane	2010-06	ug/L	~~< 1.00~~	~~< 1.00~~														
1,2-Dichloropropane	2010-08	ug/L	~~< 1.00~~	~~< 1.00~~														
1,2-Dichloropropane	2010-09	ug/L	~~< 1.00~~	~~< 1.00~~														
1,2-Dichloropropane	2010-12	ug/L	~~< 1.00~~	~~< 1.00~~														
1,2-Dichloropropane	2011-03	ug/L	~~< 1.00~~	~~< 1.00~~														
1,2-Dichloropropane	2011-04	ug/L																
1,2-Dichloropropane	2011-06	ug/L																
1,2-Dichloropropane	2011-07	ug/L																
1,2-Dichloropropane	2011-08	ug/L																
1,2-Dichloropropane	2011-09	ug/L	~~< 1.00~~	~~< 1.00~~														
1,2-Dichloropropane	2011-12	ug/L																
1,2-Dichloropropane	2012-03	ug/L	~~< 1.00~~	~~< 1.00~~														
1,2-Dichloropropane	2012-06	ug/L									~~< 1.00~~	~~< 1.00~~		~~< 1.00~~		~~< 1.00~~	~~< 1.00~~	
1,2-Dichloropropane	2012-10	ug/L																
1,2-Dichloropropane	2013-03	ug/L	~~< 1.00~~								~~< 1.00~~							
1,2-Dichloropropane	2013-06	ug/L			~~< 1.00~~													
1,2-Dichloropropane	2013-09	ug/L	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~						~~< 1.00~~							
1,2-Dichloropropane	2013-11	ug/L			~~< 1.00~~													
1,2-Dichloropropane	2014-03	ug/L	~~< 1.00~~		~~< 1.00~~						~~< 1.00~~							
1,2-Dichloropropane	2014-06	ug/L		~~< 1.00~~	~~< 1.00~~													
1,2-Dichloropropane	2014-09	ug/L	~~< 1~~	~~< 1~~	~~< 1~~						~~< 1~~							

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Table 20
Analytical Data Summary
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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
1,2-Dichloropropane	2014-12	ug/L															~~< 1.00~~	
1,2-Dichloropropane	2015-04	ug/L	< 1.00	< 1			< 1	< 1.00	< 1	< 1	< 1	< 1.00	< 1.00			< 1.00	< 1	< 1
1,2-Dichloropropane	2015-10	ug/L	<1	<1			<1	<1	<1	<1	<1	<1				<1	<1	<1
1,2-Dichloropropane	2016-04	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,2-Dichloropropane	2016-10	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,2-Dichloropropane	2017-03	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,2-Dichloropropane	2017-10	ug/L	<1	<1			<1	<1	<1	<1	<1	<1				<1	<1	<1
1,2-Dichloropropane	2017-12	ug/L					<1					<1						<1
1,2-Dichloropropane	2018-04	ug/L	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,2-Dichloropropane	2018-07	ug/L											<1					
1,2-Dichloropropane	2018-10	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,2-Dichloropropane	2019-01	ug/L																
1,2-Dichloropropane	2019-03	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,2-Dichloropropane	2019-05	ug/L																
1,2-Dichloropropane	2019-10	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,2-Dichloropropane	2020-03	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,2-Dichloropropane	2020-09	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,2-Dichloropropane	2021-03	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,2-Dichloropropane	2021-05	ug/L																
1,2-Dichloropropane	2021-08	ug/L																
1,2-Dichloropropane	2021-10	ug/L	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,2-Dichloropropane	2021-12	ug/L																
1,2-Dichloropropane	2022-02	ug/L	<1		<1	<1												
1,2-Dichloropropane	2022-04	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,2-Dichloropropane	2022-07	ug/L			<1	<1												
1,2-Dichloropropane	2022-10	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				<1	<1	<1
1,2-Dichloropropane	2023-04	ug/L	<1	<1		<1	<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,2-Dichloropropane	2023-05	ug/L			<1													
1,2-Dichloropropane	2023-10	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				<1	<1	<1
1,2-Dichloropropane	2024-04	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,2-Dichloropropane	2024-09	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1			< 1	< 1	< 1
1,2-Dichloropropane	2025-03	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1			< 1	< 1	< 1
1,2-Dichloropropane	2025-08	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1			< 1	< 1	< 1
1,3,5-Trinitrobenzene	2009-03	ug/L						~~< 10~~	~~< 10~~	~~< 10~~								
1,3,5-Trinitrobenzene	2009-06	ug/L					~~< 10.0~~	~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10~~			~~< 10.0~~				
1,3,5-Trinitrobenzene	2009-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
1,3,5-Trinitrobenzene	2009-12	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
1,3,5-Trinitrobenzene	2010-03	ug/L					~~< 10.0~~				~~< 10.0~~			~~< 10.0~~				
1,3,5-Trinitrobenzene	2010-06	ug/L										~~< 10.0~~						
1,3,5-Trinitrobenzene	2010-08	ug/L										~~< 10.0~~	~~< 10.0~~					
1,3,5-Trinitrobenzene	2010-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~				
1,3,5-Trinitrobenzene	2010-12	ug/L										~~< 10.0~~						
1,3,5-Trinitrobenzene	2011-03	ug/L											~~< 10.0~~		~~< 10.0~~			
1,3,5-Trinitrobenzene	2011-06	ug/L											~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
1,3,5-Trinitrobenzene	2011-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
1,3,5-Trinitrobenzene	2011-12	ug/L													~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
1,3,5-Trinitrobenzene	2012-03	ug/L														~~< 10.0~~	~~< 10.0~~	
1,3,5-Trinitrobenzene	2014-12	ug/L															~~< 10.2~~	
1,3,5-Trinitrobenzene	2016-10	ug/L							<10	<10	<10.9					<11.2	<11.1	
1,3,5-Trinitrobenzene	2017-10	ug/L						<10.5										
1,3,5-Trinitrobenzene	2017-12	ug/L					<10.6					<10.4						<10.4
1,3,5-Trinitrobenzene	2018-07	ug/L											<10.4					
1,3,5-Trinitrobenzene	2018-10	ug/L											<10.4					
1,3,5-Trinitrobenzene	2019-05	ug/L																
1,3,5-Trinitrobenzene	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
1,3,5-Trinitrobenzene	2021-12	ug/L																
1,3,5-Trinitrobenzene	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
1,3,5-Trinitrobenzene	2024-04	ug/L											<10.6					

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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
1,2-Dichloropropane	2014-12	ug/L																
1,2-Dichloropropane	2015-04	ug/L	< 1.00	< 1.00	< 1.00						< 1							
1,2-Dichloropropane	2015-10	ug/L	<1	<1	<1						<1					<1	<1	
1,2-Dichloropropane	2016-04	ug/L	<1	<1	<1						<1					<1	<1	
1,2-Dichloropropane	2016-10	ug/L	<1	<1	<1						<1					<1	<1	
1,2-Dichloropropane	2017-03	ug/L	<1	<1	<1						<1					<1	<1	
1,2-Dichloropropane	2017-10	ug/L	<1	<1	<1						<1					<1	<1	
1,2-Dichloropropane	2017-12	ug/L			<1													
1,2-Dichloropropane	2018-04	ug/L	<1	<1	<1						<1					<1	<1	
1,2-Dichloropropane	2018-07	ug/L								<1								
1,2-Dichloropropane	2018-10	ug/L	<1	<1	<1					<1	<1					<1	<1	
1,2-Dichloropropane	2019-01	ug/L								<1								
1,2-Dichloropropane	2019-03	ug/L	<1	<1	<1					<1	<1					<1	<1	
1,2-Dichloropropane	2019-05	ug/L		<1						<1								
1,2-Dichloropropane	2019-10	ug/L	<1	<1	<1					<1	<1					<1	<1	
1,2-Dichloropropane	2020-03	ug/L	<1	<1	<1					<1	<1					<1	<1	
1,2-Dichloropropane	2020-09	ug/L	<1	<1	<1					<1	<1					<1	<1	
1,2-Dichloropropane	2021-03	ug/L	<1	<1	<1			<1	<1	<1	<1					<1	<1	
1,2-Dichloropropane	2021-05	ug/L	<1															
1,2-Dichloropropane	2021-08	ug/L						<1	<1									
1,2-Dichloropropane	2021-10	ug/L	<1	<1	<1			<1	<1	<1	<1							
1,2-Dichloropropane	2021-12	ug/L	<1															
1,2-Dichloropropane	2022-02	ug/L						<1	<1									
1,2-Dichloropropane	2022-04	ug/L	<1	<1	<1			<1	<1	<1	<1							
1,2-Dichloropropane	2022-07	ug/L																
1,2-Dichloropropane	2022-10	ug/L	<1	<1	<1			<1	<1	<1	<1							
1,2-Dichloropropane	2023-04	ug/L	<1	<1	<1			<1	<1	<1	<1							
1,2-Dichloropropane	2023-05	ug/L																
1,2-Dichloropropane	2023-10	ug/L	<1	<1	<1			<1	<1	<1	<1							
1,2-Dichloropropane	2024-04	ug/L	<1	<1	<1			<1	<1	<1	<1							
1,2-Dichloropropane	2024-09	ug/L	< 1	< 1	< 1			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichloropropane	2025-03	ug/L	< 1	< 1	< 1			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichloropropane	2025-08	ug/L	< 1	< 1	< 1			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,3,5-Trinitrobenzene	2009-03	ug/L																
1,3,5-Trinitrobenzene	2009-06	ug/L																
1,3,5-Trinitrobenzene	2009-09	ug/L																
1,3,5-Trinitrobenzene	2009-12	ug/L																
1,3,5-Trinitrobenzene	2010-03	ug/L																
1,3,5-Trinitrobenzene	2010-06	ug/L																
1,3,5-Trinitrobenzene	2010-08	ug/L																
1,3,5-Trinitrobenzene	2010-09	ug/L																
1,3,5-Trinitrobenzene	2010-12	ug/L																
1,3,5-Trinitrobenzene	2011-03	ug/L																
1,3,5-Trinitrobenzene	2011-06	ug/L																
1,3,5-Trinitrobenzene	2011-09	ug/L																
1,3,5-Trinitrobenzene	2011-12	ug/L																
1,3,5-Trinitrobenzene	2012-03	ug/L																
1,3,5-Trinitrobenzene	2014-12	ug/L																
1,3,5-Trinitrobenzene	2016-10	ug/L									<10.4					<10.3	<10.2	
1,3,5-Trinitrobenzene	2017-10	ug/L																
1,3,5-Trinitrobenzene	2017-12	ug/L			<10.4													
1,3,5-Trinitrobenzene	2018-07	ug/L								<10.1								
1,3,5-Trinitrobenzene	2018-10	ug/L								<10.3								
1,3,5-Trinitrobenzene	2019-05	ug/L		<10.1														
1,3,5-Trinitrobenzene	2021-10	ug/L																
1,3,5-Trinitrobenzene	2021-12	ug/L	<10.5															
1,3,5-Trinitrobenzene	2022-10	ug/L			<8.77													
1,3,5-Trinitrobenzene	2024-04	ug/L		<10.2														

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
1,3-Dichlorobenzene	2009-03	ug/L						~~< 1~~	~~< 1~~	~~< 1~~								
1,3-Dichlorobenzene	2009-06	ug/L					~~< 5.00~~	~~< 1~~	~~< 1~~	~~< 1.00~~	~~< 1~~			~~< 1.00~~				
1,3-Dichlorobenzene	2009-09	ug/L					~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~			~~< 1.00~~				
1,3-Dichlorobenzene	2009-12	ug/L					~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 1.00~~	~~< 1.00~~			~~< 1.00~~				
1,3-Dichlorobenzene	2010-03	ug/L					~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~			~~< 1.00~~				
1,3-Dichlorobenzene	2010-06	ug/L										~~< 1.00~~						
1,3-Dichlorobenzene	2010-08	ug/L										~~< 1.00~~	~~< 1.00~~					
1,3-Dichlorobenzene	2010-09	ug/L					~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~				
1,3-Dichlorobenzene	2010-12	ug/L										~~< 1.00~~						
1,3-Dichlorobenzene	2011-03	ug/L					~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 10.0~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~			
1,3-Dichlorobenzene	2011-04	ug/L					~~< 1.00~~		~~< 1.00~~	~~< 10.0~~	~~< 1.00~~						~~< 1.00~~	
1,3-Dichlorobenzene	2011-06	ug/L											~~< 1.00~~		~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	
1,3-Dichlorobenzene	2011-09	ug/L					~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 10.0~~	~~< 2.00~~	~~< 2.00~~		~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	
1,3-Dichlorobenzene	2011-12	ug/L													~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	
1,3-Dichlorobenzene	2012-03	ug/L												~~< 1.00~~		~~< 1.00~~	~~< 1.00~~	
1,3-Dichlorobenzene	2014-12	ug/L															~~< 1.00~~	
1,3-Dichlorobenzene	2016-10	ug/L							<1	<1	<1					<1	<1	
1,3-Dichlorobenzene	2017-10	ug/L						<1										
1,3-Dichlorobenzene	2017-12	ug/L					<1					<1						<1
1,3-Dichlorobenzene	2018-07	ug/L											<1					
1,3-Dichlorobenzene	2018-10	ug/L											<1					
1,3-Dichlorobenzene	2019-05	ug/L																
1,3-Dichlorobenzene	2021-10	ug/L							<1	<1	<1					<1	<1	
1,3-Dichlorobenzene	2021-12	ug/L																
1,3-Dichlorobenzene	2022-10	ug/L					<1	<1				<1						<1
1,3-Dichlorobenzene	2024-04	ug/L											<1					
1,3-Dichloropropane	2009-03	ug/L						~~< 1~~	~~< 1~~	~~< 1~~								
1,3-Dichloropropane	2009-06	ug/L					~~< 5.00~~	~~< 1~~	~~< 1~~	~~< 1.00~~	~~< 1~~			~~< 1.00~~				
1,3-Dichloropropane	2009-09	ug/L					~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~			~~< 1.00~~				
1,3-Dichloropropane	2009-12	ug/L					~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~			~~< 1.00~~				
1,3-Dichloropropane	2010-03	ug/L					~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~			~~< 1.00~~				
1,3-Dichloropropane	2010-06	ug/L										~~< 1.00~~						
1,3-Dichloropropane	2010-08	ug/L										~~< 1.00~~	~~< 1.00~~					
1,3-Dichloropropane	2010-09	ug/L					~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~				
1,3-Dichloropropane	2010-12	ug/L										~~< 1.00~~						
1,3-Dichloropropane	2011-03	ug/L					~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 10.0~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~			
1,3-Dichloropropane	2011-04	ug/L					~~< 1.00~~		~~< 1.00~~	~~< 10.0~~	~~< 1.00~~						~~< 1.00~~	
1,3-Dichloropropane	2011-06	ug/L											~~< 1.00~~		~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	
1,3-Dichloropropane	2011-09	ug/L					~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 10.0~~	~~< 1.00~~	~~< 1.00~~		~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	
1,3-Dichloropropane	2011-12	ug/L													~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	
1,3-Dichloropropane	2012-03	ug/L												~~< 1.00~~		~~< 1.00~~	~~< 1.00~~	
1,3-Dichloropropane	2014-12	ug/L															~~< 1.00~~	
1,3-Dichloropropane	2016-10	ug/L							<1	<1	<1					<1	<1	
1,3-Dichloropropane	2017-10	ug/L						<1										
1,3-Dichloropropane	2017-12	ug/L					<1					<1						<1
1,3-Dichloropropane	2018-07	ug/L											<1					
1,3-Dichloropropane	2018-10	ug/L											<1					
1,3-Dichloropropane	2019-05	ug/L																
1,3-Dichloropropane	2021-10	ug/L							<1	<1	<1					<1	<1	
1,3-Dichloropropane	2021-12	ug/L																
1,3-Dichloropropane	2022-10	ug/L					<1	<1				<1						<1
1,3-Dichloropropane	2024-04	ug/L											<1					
1,3-Dinitrobenzene	2009-03	ug/L						~~< 10~~	~~< 10~~	~~< 10~~								
1,3-Dinitrobenzene	2009-06	ug/L					~~< 10.0~~	~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10~~			~~< 10.0~~				
1,3-Dinitrobenzene	2009-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
1,3-Dinitrobenzene	2009-12	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
1,3-Dinitrobenzene	2010-03	ug/L					~~< 10.0~~				~~< 10.0~~			~~< 10.0~~				
1,3-Dinitrobenzene	2010-06	ug/L										~~< 10.0~~						

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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
1,3-Dichlorobenzene	2009-03	ug/L																
1,3-Dichlorobenzene	2009-06	ug/L																
1,3-Dichlorobenzene	2009-09	ug/L																
1,3-Dichlorobenzene	2009-12	ug/L																
1,3-Dichlorobenzene	2010-03	ug/L																
1,3-Dichlorobenzene	2010-06	ug/L																
1,3-Dichlorobenzene	2010-08	ug/L																
1,3-Dichlorobenzene	2010-09	ug/L																
1,3-Dichlorobenzene	2010-12	ug/L																
1,3-Dichlorobenzene	2011-03	ug/L																
1,3-Dichlorobenzene	2011-04	ug/L																
1,3-Dichlorobenzene	2011-06	ug/L																
1,3-Dichlorobenzene	2011-09	ug/L																
1,3-Dichlorobenzene	2011-12	ug/L																
1,3-Dichlorobenzene	2012-03	ug/L																
1,3-Dichlorobenzene	2014-12	ug/L																
1,3-Dichlorobenzene	2016-10	ug/L									<1					<1	<1	
1,3-Dichlorobenzene	2017-10	ug/L																
1,3-Dichlorobenzene	2017-12	ug/L			<1													
1,3-Dichlorobenzene	2018-07	ug/L								<1								
1,3-Dichlorobenzene	2018-10	ug/L								<1								
1,3-Dichlorobenzene	2019-05	ug/L		<1														
1,3-Dichlorobenzene	2021-10	ug/L																
1,3-Dichlorobenzene	2021-12	ug/L	<1															
1,3-Dichlorobenzene	2022-10	ug/L			<1													
1,3-Dichlorobenzene	2024-04	ug/L		<1														
1,3-Dichloropropane	2009-03	ug/L																
1,3-Dichloropropane	2009-06	ug/L																
1,3-Dichloropropane	2009-09	ug/L																
1,3-Dichloropropane	2009-12	ug/L																
1,3-Dichloropropane	2010-03	ug/L																
1,3-Dichloropropane	2010-06	ug/L																
1,3-Dichloropropane	2010-08	ug/L																
1,3-Dichloropropane	2010-09	ug/L																
1,3-Dichloropropane	2010-12	ug/L																
1,3-Dichloropropane	2011-03	ug/L																
1,3-Dichloropropane	2011-04	ug/L																
1,3-Dichloropropane	2011-06	ug/L																
1,3-Dichloropropane	2011-09	ug/L																
1,3-Dichloropropane	2011-12	ug/L																
1,3-Dichloropropane	2012-03	ug/L																
1,3-Dichloropropane	2014-12	ug/L																
1,3-Dichloropropane	2016-10	ug/L									<1					<1	<1	
1,3-Dichloropropane	2017-10	ug/L																
1,3-Dichloropropane	2017-12	ug/L			<1													
1,3-Dichloropropane	2018-07	ug/L								<1								
1,3-Dichloropropane	2018-10	ug/L								<1								
1,3-Dichloropropane	2019-05	ug/L		<1														
1,3-Dichloropropane	2021-10	ug/L																
1,3-Dichloropropane	2021-12	ug/L	<1															
1,3-Dichloropropane	2022-10	ug/L			<1													
1,3-Dichloropropane	2024-04	ug/L		<1														
1,3-Dinitrobenzene	2009-03	ug/L																
1,3-Dinitrobenzene	2009-06	ug/L																
1,3-Dinitrobenzene	2009-09	ug/L																
1,3-Dinitrobenzene	2009-12	ug/L																
1,3-Dinitrobenzene	2010-03	ug/L																
1,3-Dinitrobenzene	2010-06	ug/L																

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
1,3-Dinitrobenzene	2010-08	ug/L										< 10.0	< 10.0					
1,3-Dinitrobenzene	2010-09	ug/L					< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0				
1,3-Dinitrobenzene	2010-12	ug/L										< 10.0						
1,3-Dinitrobenzene	2011-03	ug/L											< 10.0		< 10.0			
1,3-Dinitrobenzene	2011-06	ug/L											< 10.0		< 10.0	< 10.0	< 10.0	
1,3-Dinitrobenzene	2011-09	ug/L					< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	
1,3-Dinitrobenzene	2011-12	ug/L													< 10.0	< 10.0	< 10.0	
1,3-Dinitrobenzene	2012-03	ug/L														< 10.0	< 10.0	
1,3-Dinitrobenzene	2014-12	ug/L															< 10.2	
1,3-Dinitrobenzene	2016-10	ug/L							<10	<10	<10.9					<11.2	<11.1	
1,3-Dinitrobenzene	2017-10	ug/L						<10.5										
1,3-Dinitrobenzene	2017-12	ug/L					<10.6					<10.4						<10.4
1,3-Dinitrobenzene	2018-07	ug/L											<10.4					
1,3-Dinitrobenzene	2018-10	ug/L											<10.4					
1,3-Dinitrobenzene	2019-05	ug/L																
1,3-Dinitrobenzene	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
1,3-Dinitrobenzene	2021-12	ug/L																
1,3-Dinitrobenzene	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
1,3-Dinitrobenzene	2024-04	ug/L											<10.6					
1,4-Dichlorobenzene	2008-01	ug/L					< 1	< 1	**5.14**	< 1	< 1	< 1	< 1	< 1	< 1			
1,4-Dichlorobenzene	2008-03	ug/L					< 1.00	< 1.00	**3.80**	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00			
1,4-Dichlorobenzene	2008-08	ug/L					< 1	< 1	**5.27**	**0.47**	< 1	< 1	< 1	< 1	< 1			
1,4-Dichlorobenzene	2008-09	ug/L					< 1	< 1	**6.29**	< 1	< 1	< 1	< 1	< 1	< 1			
1,4-Dichlorobenzene	2008-10	ug/L					< 1	**0.48**	**5.73**	**0.63**	**0.2**	< 1	< 1	< 1	< 1			
1,4-Dichlorobenzene	2009-03	ug/L					< 1	**0.29**	**3.85**	**0.47**	< 1	< 1	< 1	< 1	< 1			
1,4-Dichlorobenzene	2009-06	ug/L					< 5.00	< 1	**4.52**	< 1.00	< 1			< 1.00				
1,4-Dichlorobenzene	2009-09	ug/L					< 1.00	< 1.00	**6.66**	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00			
1,4-Dichlorobenzene	2009-12	ug/L					< 2.00	< 2.00	**5.54**	< 1.00	< 1.00			< 1.00				
1,4-Dichlorobenzene	2010-03	ug/L					< 1.00	< 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				**5.24**	< 1.00	< 1.00
1,4-Dichlorobenzene	2010-08	ug/L										< 1.00	< 1.00			**6.69**	< 1.00	< 1.00
1,4-Dichlorobenzene	2010-09	ug/L					< 1.00	< 1.00	**5.65**	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	**6.92**	< 1.00	< 1.00
1,4-Dichlorobenzene	2010-12	ug/L										< 2.00				**6.53**	< 2.00	< 2.00
1,4-Dichlorobenzene	2011-03	ug/L		< 1.00			< 1.00	< 1.00	**5.34**	< 10.0	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	**4.62**	< 1.00	< 1.00
1,4-Dichlorobenzene	2011-04	ug/L					< 1.00		**2.86**	< 10.0	< 1.00						< 1.00	
1,4-Dichlorobenzene	2011-06	ug/L		< 1.00									< 1.00		< 1.00	**4.73**	< 1.00	
1,4-Dichlorobenzene	2011-07	ug/L	< 1.00															
1,4-Dichlorobenzene	2011-08	ug/L		< 1.00														
1,4-Dichlorobenzene	2011-09	ug/L	< 1.00	< 1.00			< 1.00	< 1.00	**7.37**	< 10.0	< 1.00	< 1.00		< 1.00	< 1.00	**7.06**	< 1.00	< 1.00
1,4-Dichlorobenzene	2011-12	ug/L	< 1.00	< 1.00											< 1.00	**5.83**	< 1.00	
1,4-Dichlorobenzene	2012-03	ug/L	< 1.00	< 1.00			< 1.00	< 1.00	**5.50**	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	**3.78**	< 1.00	< 1.00
1,4-Dichlorobenzene	2012-06	ug/L																
1,4-Dichlorobenzene	2012-10	ug/L	< 1.00	< 1.00			< 1.00	< 1.00	**5.44**	< 1.00	< 1.00			< 1.00	< 1.00	**6.38**	< 1.00	< 1.00
1,4-Dichlorobenzene	2013-03	ug/L	< 1.00	< 1.00			< 1.00	< 1.00	**4.70**	< 10.0	< 1.00	< 1.00		< 1.00	< 1.00	**0.704**	< 1.00	< 1.00
1,4-Dichlorobenzene	2013-06	ug/L																
1,4-Dichlorobenzene	2013-09	ug/L	< 1.00	< 1.00			< 1.00	< 1.00	**8.08**	< 1.00	< 1.00	< 1.00		< 1.00	< 1.00	**6.58**	< 1.00	< 1.00
1,4-Dichlorobenzene	2013-11	ug/L																
1,4-Dichlorobenzene	2014-03	ug/L	< 1.00	< 1.00			< 1.00	< 1.00	**4.13**	**0.519**	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
1,4-Dichlorobenzene	2014-06	ug/L																
1,4-Dichlorobenzene	2014-09	ug/L	< 1	< 1			< 1.00	< 1.00	**6.07**	< 1.00	< 1	< 1	< 1	< 1.00	< 1.00	< 1.00	< 1.00	< 1
1,4-Dichlorobenzene	2014-12	ug/L															**0.412**	
1,4-Dichlorobenzene	2015-04	ug/L	< 1.00	< 1			< 1	< 1.00	**3.31**	< 1	< 1	< 1.00	< 1.00			**0.236**	< 1	< 1
1,4-Dichlorobenzene	2015-10	ug/L	<1	<1			<1	<1	**5.81**	<1	<1	<1				<1	<1	<1
1,4-Dichlorobenzene	2016-04	ug/L	<1	<1			<1	<1	**4.28**	<1	<1	<1	<1			**0.978 J**	**0.291 J**	<1
1,4-Dichlorobenzene	2016-10	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
1,4-Dichlorobenzene	2017-03	ug/L	<1	<1			<1	<1	**3.02**	<1	<1	<1	<1			<1	<1	<1
1,4-Dichlorobenzene	2017-10	ug/L	<1	<1			<1	<1	**3.29**	**0.497 J**	<1	<1				**2.32**	<1	<1
1,4-Dichlorobenzene	2017-12	ug/L					<1					<1						<1

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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
1,3-Dinitrobenzene	2010-08	ug/L																
1,3-Dinitrobenzene	2010-09	ug/L																
1,3-Dinitrobenzene	2010-12	ug/L																
1,3-Dinitrobenzene	2011-03	ug/L																
1,3-Dinitrobenzene	2011-06	ug/L																
1,3-Dinitrobenzene	2011-09	ug/L																
1,3-Dinitrobenzene	2011-12	ug/L																
1,3-Dinitrobenzene	2012-03	ug/L																
1,3-Dinitrobenzene	2014-12	ug/L																
1,3-Dinitrobenzene	2016-10	ug/L									<10.4					<10.3	<10.2	
1,3-Dinitrobenzene	2017-10	ug/L																
1,3-Dinitrobenzene	2017-12	ug/L			<10.4													
1,3-Dinitrobenzene	2018-07	ug/L								<10.1								
1,3-Dinitrobenzene	2018-10	ug/L								<10.3								
1,3-Dinitrobenzene	2019-05	ug/L		<10.1														
1,3-Dinitrobenzene	2021-10	ug/L																
1,3-Dinitrobenzene	2021-12	ug/L	<10.5															
1,3-Dinitrobenzene	2022-10	ug/L			<8.77													
1,3-Dinitrobenzene	2024-04	ug/L		<10.2														
1,4-Dichlorobenzene	2008-01	ug/L																
1,4-Dichlorobenzene	2008-03	ug/L																
1,4-Dichlorobenzene	2008-08	ug/L																
1,4-Dichlorobenzene	2008-09	ug/L																
1,4-Dichlorobenzene	2008-10	ug/L																
1,4-Dichlorobenzene	2009-03	ug/L																
1,4-Dichlorobenzene	2009-06	ug/L																
1,4-Dichlorobenzene	2009-09	ug/L																
1,4-Dichlorobenzene	2009-12	ug/L																
1,4-Dichlorobenzene	2010-03	ug/L																
1,4-Dichlorobenzene	2010-06	ug/L	~~< 1.00~~	~~< 1.00~~														
1,4-Dichlorobenzene	2010-08	ug/L	~~< 1.00~~	~~< 1.00~~														
1,4-Dichlorobenzene	2010-09	ug/L	~~< 1.00~~	~~< 1.00~~														
1,4-Dichlorobenzene	2010-12	ug/L	~~< 2.00~~	~~< 2.00~~														
1,4-Dichlorobenzene	2011-03	ug/L	~~< 1.00~~	~~< 1.00~~														
1,4-Dichlorobenzene	2011-04	ug/L																
1,4-Dichlorobenzene	2011-06	ug/L																
1,4-Dichlorobenzene	2011-07	ug/L																
1,4-Dichlorobenzene	2011-08	ug/L																
1,4-Dichlorobenzene	2011-09	ug/L	~~< 1.00~~	~~< 1.00~~														
1,4-Dichlorobenzene	2011-12	ug/L																
1,4-Dichlorobenzene	2012-03	ug/L	~~< 1.00~~	~~< 1.00~~														
1,4-Dichlorobenzene	2012-06	ug/L									~~< 1.00~~	~~< 1.00~~		~~< 1.00~~		~~< 1.00~~	~~< 1.00~~	
1,4-Dichlorobenzene	2012-10	ug/L																
1,4-Dichlorobenzene	2013-03	ug/L	~~< 1.00~~								~~< 1.00~~							
1,4-Dichlorobenzene	2013-06	ug/L			~~< 1.00~~													
1,4-Dichlorobenzene	2013-09	ug/L	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~						~~< 1.00~~							
1,4-Dichlorobenzene	2013-11	ug/L			~~< 1.00~~													
1,4-Dichlorobenzene	2014-03	ug/L	~~< 1.00~~		~~< 1.00~~						~~< 1.00~~							
1,4-Dichlorobenzene	2014-06	ug/L		~~< 1.00~~	~~< 1.00~~													
1,4-Dichlorobenzene	2014-09	ug/L	~~< 1~~	~~< 1~~	~~< 1~~						~~< 1~~							
1,4-Dichlorobenzene	2014-12	ug/L																
1,4-Dichlorobenzene	2015-04	ug/L	< 1.00	< 1.00	< 1.00						< 1							
1,4-Dichlorobenzene	2015-10	ug/L	<1	<1	<1						<1					<1	<1	
1,4-Dichlorobenzene	2016-04	ug/L	<1	<1	<1						<1					<1	<1	
1,4-Dichlorobenzene	2016-10	ug/L	<1	<1	<1						<1					<1	<1	
1,4-Dichlorobenzene	2017-03	ug/L	<1	<1	<1						<1					<1	<1	
1,4-Dichlorobenzene	2017-10	ug/L	<1	<1	<1						<1					<1	<1	
1,4-Dichlorobenzene	2017-12	ug/L			<1													

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
1,4-Dichlorobenzene	2018-04	ug/L	<1	<1	<1		<1	<1	**5.47**	**0.73 J**	<1	<1	<1			**0.21 J**	<1	<1
1,4-Dichlorobenzene	2018-07	ug/L											<1					
1,4-Dichlorobenzene	2018-10	ug/L	<1	<1			<1	<1	<1	**0.574 J**	<1	<1	<1			<1	<1	<1
1,4-Dichlorobenzene	2019-01	ug/L																
1,4-Dichlorobenzene	2019-03	ug/L	<1	<1			<1	<1	**5.26**	<1	<1	<1	<1			<1	<1	<1
1,4-Dichlorobenzene	2019-05	ug/L																
1,4-Dichlorobenzene	2019-10	ug/L	<1	<1			<1	<1	**6.61**	<1	<1	<1	<1			**0.616 J**	<1	<1
1,4-Dichlorobenzene	2020-03	ug/L	<1	<1			<1	<1	**3.18**	**0.791 J**	<1	<1	<1			**0.767 J**	<1	<1
1,4-Dichlorobenzene	2020-09	ug/L	<1	<1			<1	<1	**5.17**	<1	<1	<1	<1			**0.834 J**	<1	<1
1,4-Dichlorobenzene	2021-03	ug/L	<1	<1			<1	<1	**2.94**	<1	<1	<1	<1			<1	<1	<1
1,4-Dichlorobenzene	2021-05	ug/L																
1,4-Dichlorobenzene	2021-08	ug/L																
1,4-Dichlorobenzene	2021-10	ug/L	<1	<1	<1		<1	<1	<1	**0.794 J**	<1	<1	<1			<1	<1	<1
1,4-Dichlorobenzene	2021-12	ug/L																
1,4-Dichlorobenzene	2022-02	ug/L	<1		<1	<1												
1,4-Dichlorobenzene	2022-04	ug/L	<1	<1	<1	<1	<1	<1	**1.18**	<1	<1	<1	<1			<1	<1	<1
1,4-Dichlorobenzene	2022-07	ug/L			<1	<1												
1,4-Dichlorobenzene	2022-10	ug/L	<1	<1	<1	<1	<1	<1	**3.61**	**0.461 J**	<1	<1				**3.39**	<1	<1
1,4-Dichlorobenzene	2023-04	ug/L	<1	<1		<1	<1	<1	**1.32**	**0.337 J**	<1	<1	<1			**0.338 J**	<1	<1
1,4-Dichlorobenzene	2023-05	ug/L			<1													
1,4-Dichlorobenzene	2023-10	ug/L	<1	<1	<1	<1	<1	<1	**3.13**	**0.477 J**	<1	<1				**3.61**	<1	<1
1,4-Dichlorobenzene	2024-04	ug/L	<1	<1	<1	<1	<1	<1	**1**	**0.642 J**	<1	<1	<1			<1	<1	<1
1,4-Dichlorobenzene	2024-09	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	**2.28**	**0.541 J**	< 1	< 1	< 1			**1.87**	**0.278 J**	< 1
1,4-Dichlorobenzene	2025-03	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	**0.729 J**	**0.38 J**	< 1	< 1	< 1			< 1	< 1	< 1
1,4-Dichlorobenzene	2025-08	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	**1.27**	**0.68 J**	< 1	< 1	< 1			**0.79 J**	< 1	< 1
1,4-Naphthoquinone	2009-03	ug/L						~~< 10~~	~~< 10~~	~~< 10~~								
1,4-Naphthoquinone	2009-06	ug/L					~~< 10.0~~	~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10~~			~~< 10.0~~				
1,4-Naphthoquinone	2009-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
1,4-Naphthoquinone	2009-12	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
1,4-Naphthoquinone	2010-03	ug/L					~~< 10.0~~				~~< 10.0~~			~~< 10.0~~				
1,4-Naphthoquinone	2010-06	ug/L										~~< 10.0~~						
1,4-Naphthoquinone	2010-08	ug/L										~~< 10.0~~	~~< 10.0~~					
1,4-Naphthoquinone	2010-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~				
1,4-Naphthoquinone	2010-12	ug/L										~~< 10.0~~						
1,4-Naphthoquinone	2011-03	ug/L											~~< 10.0~~		~~< 10.0~~			
1,4-Naphthoquinone	2011-06	ug/L											~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
1,4-Naphthoquinone	2011-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
1,4-Naphthoquinone	2011-12	ug/L													~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
1,4-Naphthoquinone	2012-03	ug/L														~~< 10.0~~	~~< 10.0~~	
1,4-Naphthoquinone	2014-12	ug/L															~~< 10.2~~	
1,4-Naphthoquinone	2016-10	ug/L							<10	<10	<10.9					<11.2	<11.1	
1,4-Naphthoquinone	2017-10	ug/L						<10.5										
1,4-Naphthoquinone	2017-12	ug/L					<10.6					<10.4						<10.4
1,4-Naphthoquinone	2018-07	ug/L											<10.4					
1,4-Naphthoquinone	2018-10	ug/L											<10.4					
1,4-Naphthoquinone	2019-05	ug/L																
1,4-Naphthoquinone	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
1,4-Naphthoquinone	2021-12	ug/L																
1,4-Naphthoquinone	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
1,4-Naphthoquinone	2024-04	ug/L											<10.6					
1-Naphthylamine	2009-03	ug/L						~~< 10~~	~~< 10~~	~~< 10~~								
1-Naphthylamine	2009-06	ug/L					~~< 10.0~~	~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10~~			~~< 10.0~~				
1-Naphthylamine	2009-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
1-Naphthylamine	2009-12	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
1-Naphthylamine	2010-03	ug/L					~~< 10.0~~				~~< 10.0~~			~~< 10.0~~				
1-Naphthylamine	2010-06	ug/L										~~< 10.0~~						
1-Naphthylamine	2010-08	ug/L										~~< 10.0~~	~~< 10.0~~					
1-Naphthylamine	2010-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~				

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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
1,4-Dichlorobenzene	2018-04	ug/L	<1	<1	<1						<1					<1	<1	
1,4-Dichlorobenzene	2018-07	ug/L								<1								
1,4-Dichlorobenzene	2018-10	ug/L	<1	<1	<1					<1	<1					<1	<1	
1,4-Dichlorobenzene	2019-01	ug/L								<1								
1,4-Dichlorobenzene	2019-03	ug/L	<1	<1	<1					<1	<1					<1	<1	
1,4-Dichlorobenzene	2019-05	ug/L		<1						<1								
1,4-Dichlorobenzene	2019-10	ug/L	<1	<1	<1					<1	<1					<1	<1	
1,4-Dichlorobenzene	2020-03	ug/L	<1	<1	<1					<1	<1					<1	<1	
1,4-Dichlorobenzene	2020-09	ug/L	<1	<1	<1					<1	<1					<1	<1	
1,4-Dichlorobenzene	2021-03	ug/L	<1	<1	<1			<1	<1	<1	<1					<1	<1	
1,4-Dichlorobenzene	2021-05	ug/L	<1															
1,4-Dichlorobenzene	2021-08	ug/L						<1	<1									
1,4-Dichlorobenzene	2021-10	ug/L	<1	<1	<1			<1	<1	<1	<1							
1,4-Dichlorobenzene	2021-12	ug/L	<1															
1,4-Dichlorobenzene	2022-02	ug/L						<1	<1									
1,4-Dichlorobenzene	2022-04	ug/L	<1	<1	<1			<1	<1	<1	<1							
1,4-Dichlorobenzene	2022-07	ug/L																
1,4-Dichlorobenzene	2022-10	ug/L	<1	<1	<1			<1	<1	<1	<1							
1,4-Dichlorobenzene	2023-04	ug/L	<1	<1	<1			<1	<1	<1	<1							
1,4-Dichlorobenzene	2023-05	ug/L																
1,4-Dichlorobenzene	2023-10	ug/L	<1	<1	<1			<1	<1	<1	<1							
1,4-Dichlorobenzene	2024-04	ug/L	<1	<1	<1			<1	<1	<1	<1							
1,4-Dichlorobenzene	2024-09	ug/L	< 1	< 1	< 1			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,4-Dichlorobenzene	2025-03	ug/L	< 1	< 1	< 1			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,4-Dichlorobenzene	2025-08	ug/L	< 1	< 1	< 1			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,4-Naphthoquinone	2009-03	ug/L																
1,4-Naphthoquinone	2009-06	ug/L																
1,4-Naphthoquinone	2009-09	ug/L																
1,4-Naphthoquinone	2009-12	ug/L																
1,4-Naphthoquinone	2010-03	ug/L																
1,4-Naphthoquinone	2010-06	ug/L																
1,4-Naphthoquinone	2010-08	ug/L																
1,4-Naphthoquinone	2010-09	ug/L																
1,4-Naphthoquinone	2010-12	ug/L																
1,4-Naphthoquinone	2011-03	ug/L																
1,4-Naphthoquinone	2011-06	ug/L																
1,4-Naphthoquinone	2011-09	ug/L																
1,4-Naphthoquinone	2011-12	ug/L																
1,4-Naphthoquinone	2012-03	ug/L																
1,4-Naphthoquinone	2014-12	ug/L																
1,4-Naphthoquinone	2016-10	ug/L									<10.4					<10.3	<10.2	
1,4-Naphthoquinone	2017-10	ug/L																
1,4-Naphthoquinone	2017-12	ug/L			<10.4													
1,4-Naphthoquinone	2018-07	ug/L								<10.1								
1,4-Naphthoquinone	2018-10	ug/L								<10.3								
1,4-Naphthoquinone	2019-05	ug/L		<10.1														
1,4-Naphthoquinone	2021-10	ug/L																
1,4-Naphthoquinone	2021-12	ug/L	<10.5															
1,4-Naphthoquinone	2022-10	ug/L			<8.77													
1,4-Naphthoquinone	2024-04	ug/L		<10.2														
1-Naphthylamine	2009-03	ug/L																
1-Naphthylamine	2009-06	ug/L																
1-Naphthylamine	2009-09	ug/L																
1-Naphthylamine	2009-12	ug/L																
1-Naphthylamine	2010-03	ug/L																
1-Naphthylamine	2010-06	ug/L																
1-Naphthylamine	2010-08	ug/L																
1-Naphthylamine	2010-09	ug/L																

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
1-Naphthylamine	2010-12	ug/L										< 10.0						
1-Naphthylamine	2011-03	ug/L											< 10.0		< 10.0			
1-Naphthylamine	2011-06	ug/L											< 10.0		< 10.0	< 10.0	< 10.0	
1-Naphthylamine	2011-09	ug/L					< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	
1-Naphthylamine	2011-12	ug/L													< 10.0	< 10.0	< 10.0	
1-Naphthylamine	2012-03	ug/L														< 10.0	< 10.0	
1-Naphthylamine	2014-12	ug/L															< 10.2	
1-Naphthylamine	2016-10	ug/L							<10	<10	<10.9					<11.2	<11.1	
1-Naphthylamine	2017-10	ug/L						<10.5										
1-Naphthylamine	2017-12	ug/L					<10.6					<10.4						<10.4
1-Naphthylamine	2018-07	ug/L											<10.4					
1-Naphthylamine	2018-10	ug/L											<10.4					
1-Naphthylamine	2019-05	ug/L																
1-Naphthylamine	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
1-Naphthylamine	2021-12	ug/L																
1-Naphthylamine	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
1-Naphthylamine	2024-04	ug/L											<10.6					
2,2-Dichloropropane	2009-03	ug/L						< 4	< 4	< 4								
2,2-Dichloropropane	2009-06	ug/L					< 20.0	< 4	< 4	< 4.00	< 4			< 4.00				
2,2-Dichloropropane	2009-09	ug/L					< 4.00	< 4.00	< 4.00	< 4.00	< 4.00			< 4.00				
2,2-Dichloropropane	2009-12	ug/L					< 5.00	< 5.00	< 5.00	< 4.00	< 4.00			< 4.00				
2,2-Dichloropropane	2010-03	ug/L					< 4.00	< 4.00	< 50.0	< 50.0	< 4.00			< 50.0				
2,2-Dichloropropane	2010-06	ug/L										< 4.00						
2,2-Dichloropropane	2010-08	ug/L										< 4.00	< 4.00					
2,2-Dichloropropane	2010-09	ug/L					< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00				
2,2-Dichloropropane	2010-12	ug/L										< 5.00						
2,2-Dichloropropane	2011-03	ug/L					< 4.00	< 4.00	< 4.00	< 40.0	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00			
2,2-Dichloropropane	2011-04	ug/L					< 4.00		< 4.00	< 40.0	< 4.00						< 4.00	
2,2-Dichloropropane	2011-06	ug/L											< 4.00		< 4.00	< 4.00	< 4.00	
2,2-Dichloropropane	2011-09	ug/L					< 4.00	< 4.00	< 4.00	< 40.0	< 4.00	< 4.00		< 4.00	< 4.00	< 4.00	< 4.00	
2,2-Dichloropropane	2011-12	ug/L													< 4.00	< 4.00	< 4.00	
2,2-Dichloropropane	2012-03	ug/L												< 4.00		< 4.00	< 4.00	
2,2-Dichloropropane	2014-12	ug/L															< 4.00	
2,2-Dichloropropane	2016-10	ug/L							<4	<4	<4					<4	<4	
2,2-Dichloropropane	2017-10	ug/L						<4										
2,2-Dichloropropane	2017-12	ug/L					<4					<4						<4
2,2-Dichloropropane	2018-07	ug/L											<4					
2,2-Dichloropropane	2018-10	ug/L											<4					
2,2-Dichloropropane	2019-05	ug/L																
2,2-Dichloropropane	2021-10	ug/L							<4	<4	<4					<4	<4	
2,2-Dichloropropane	2021-12	ug/L																
2,2-Dichloropropane	2022-10	ug/L					<4	<4				<4						<4
2,2-Dichloropropane	2024-04	ug/L											<4					
2,2'-oxybis(1-Chloropropane)	2009-03	ug/L						< 10	< 10	< 10								
2,2'-oxybis(1-Chloropropane)	2009-06	ug/L					< 10.0	< 10	< 10	< 10.0	< 10			< 10.0				
2,2'-oxybis(1-Chloropropane)	2009-09	ug/L					< 10.0	< 10.0	< 10.0	< 10.0	< 10.0			< 10.0				
2,2'-oxybis(1-Chloropropane)	2009-12	ug/L					< 10.0	< 10.0	< 10.0	< 10.0	< 10.0			< 10.0				
2,2'-oxybis(1-Chloropropane)	2010-03	ug/L					< 10.0				< 10.0			< 10.0				
2,2'-oxybis(1-Chloropropane)	2010-06	ug/L										< 10.0						
2,2'-oxybis(1-Chloropropane)	2010-08	ug/L										< 10.0	< 10.0					
2,2'-oxybis(1-Chloropropane)	2010-09	ug/L					< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0				
2,2'-oxybis(1-Chloropropane)	2010-12	ug/L										< 10.0						
2,2'-oxybis(1-Chloropropane)	2011-03	ug/L											< 10.0		< 10.0			
2,2'-oxybis(1-Chloropropane)	2011-06	ug/L											< 10.0		< 10.0	< 10.0	< 10.0	
2,2'-oxybis(1-Chloropropane)	2011-09	ug/L					< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	
2,2'-oxybis(1-Chloropropane)	2011-12	ug/L													< 10.0	< 10.0	< 10.0	
2,2'-oxybis(1-Chloropropane)	2012-03	ug/L														< 10.0	< 10.0	
2,2'-oxybis(1-Chloropropane)	2014-12	ug/L															< 10.2	

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1-Naphthylamine	2010-12	ug/L																
1-Naphthylamine	2011-03	ug/L																
1-Naphthylamine	2011-06	ug/L																
1-Naphthylamine	2011-09	ug/L																
1-Naphthylamine	2011-12	ug/L																
1-Naphthylamine	2012-03	ug/L																
1-Naphthylamine	2014-12	ug/L																
1-Naphthylamine	2016-10	ug/L									<10.4					<10.3	<10.2	
1-Naphthylamine	2017-10	ug/L																
1-Naphthylamine	2017-12	ug/L			<10.4													
1-Naphthylamine	2018-07	ug/L								<10.1								
1-Naphthylamine	2018-10	ug/L								<10.3								
1-Naphthylamine	2019-05	ug/L		<10.1														
1-Naphthylamine	2021-10	ug/L																
1-Naphthylamine	2021-12	ug/L	<10.5															
1-Naphthylamine	2022-10	ug/L			<8.77													
1-Naphthylamine	2024-04	ug/L		<10.2														
2,2-Dichloropropane	2009-03	ug/L																
2,2-Dichloropropane	2009-06	ug/L																
2,2-Dichloropropane	2009-09	ug/L																
2,2-Dichloropropane	2009-12	ug/L																
2,2-Dichloropropane	2010-03	ug/L																
2,2-Dichloropropane	2010-06	ug/L																
2,2-Dichloropropane	2010-08	ug/L																
2,2-Dichloropropane	2010-09	ug/L																
2,2-Dichloropropane	2010-12	ug/L																
2,2-Dichloropropane	2011-03	ug/L																
2,2-Dichloropropane	2011-04	ug/L																
2,2-Dichloropropane	2011-06	ug/L																
2,2-Dichloropropane	2011-09	ug/L																
2,2-Dichloropropane	2011-12	ug/L																
2,2-Dichloropropane	2012-03	ug/L																
2,2-Dichloropropane	2014-12	ug/L																
2,2-Dichloropropane	2016-10	ug/L									<4					<4	<4	
2,2-Dichloropropane	2017-10	ug/L																
2,2-Dichloropropane	2017-12	ug/L			<4													
2,2-Dichloropropane	2018-07	ug/L								<4								
2,2-Dichloropropane	2018-10	ug/L								<4								
2,2-Dichloropropane	2019-05	ug/L		<4														
2,2-Dichloropropane	2021-10	ug/L																
2,2-Dichloropropane	2021-12	ug/L	<4															
2,2-Dichloropropane	2022-10	ug/L			<4													
2,2-Dichloropropane	2024-04	ug/L		<4														
2,2'-oxybis(1-Chloropropane)	2009-03	ug/L																
2,2'-oxybis(1-Chloropropane)	2009-06	ug/L																
2,2'-oxybis(1-Chloropropane)	2009-09	ug/L																
2,2'-oxybis(1-Chloropropane)	2009-12	ug/L																
2,2'-oxybis(1-Chloropropane)	2010-03	ug/L																
2,2'-oxybis(1-Chloropropane)	2010-06	ug/L																
2,2'-oxybis(1-Chloropropane)	2010-08	ug/L																
2,2'-oxybis(1-Chloropropane)	2010-09	ug/L																
2,2'-oxybis(1-Chloropropane)	2010-12	ug/L																
2,2'-oxybis(1-Chloropropane)	2011-03	ug/L																
2,2'-oxybis(1-Chloropropane)	2011-06	ug/L																
2,2'-oxybis(1-Chloropropane)	2011-09	ug/L																
2,2'-oxybis(1-Chloropropane)	2011-12	ug/L																
2,2'-oxybis(1-Chloropropane)	2012-03	ug/L																
2,2'-oxybis(1-Chloropropane)	2014-12	ug/L																

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2,2'-oxybis(1-Chloropropane)	2017-10	ug/L						<10.5										
2,2'-oxybis(1-Chloropropane)	2017-12	ug/L					<10.6					<10.4						<10.4
2,2'-oxybis(1-Chloropropane)	2018-07	ug/L											<10.4					
2,2'-oxybis(1-Chloropropane)	2018-10	ug/L											<10.4					
2,2'-oxybis(1-Chloropropane)	2019-05	ug/L																
2,2'-oxybis(1-Chloropropane)	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
2,2'-oxybis(1-Chloropropane)	2021-12	ug/L																
2,2'-oxybis(1-Chloropropane)	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
2,2'-oxybis(1-Chloropropane)	2024-04	ug/L											<10.6					
2,3,4,6-Tetrachlorophenol	2009-03	ug/L						~~< 10~~	~~< 10~~	~~< 10~~								
2,3,4,6-Tetrachlorophenol	2009-06	ug/L					~~< 10.0~~	~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10~~			~~< 10.0~~				
2,3,4,6-Tetrachlorophenol	2009-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
2,3,4,6-Tetrachlorophenol	2009-12	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
2,3,4,6-Tetrachlorophenol	2010-03	ug/L					~~< 10.0~~				~~< 10.0~~			~~< 10.0~~				
2,3,4,6-Tetrachlorophenol	2010-06	ug/L										~~< 10.0~~						
2,3,4,6-Tetrachlorophenol	2010-08	ug/L										~~< 10.0~~	~~< 10.0~~					
2,3,4,6-Tetrachlorophenol	2010-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~				
2,3,4,6-Tetrachlorophenol	2010-12	ug/L										~~< 10.0~~						
2,3,4,6-Tetrachlorophenol	2011-03	ug/L											~~< 10.0~~		~~< 10.0~~			
2,3,4,6-Tetrachlorophenol	2011-06	ug/L											~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
2,3,4,6-Tetrachlorophenol	2011-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
2,3,4,6-Tetrachlorophenol	2011-12	ug/L													~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
2,3,4,6-Tetrachlorophenol	2012-03	ug/L														~~< 10.0~~	~~< 10.0~~	
2,3,4,6-Tetrachlorophenol	2014-12	ug/L															~~< 10.2~~	
2,3,4,6-Tetrachlorophenol	2016-10	ug/L							<10	<10	<10.9					<11.2	<11.1	
2,3,4,6-Tetrachlorophenol	2017-10	ug/L						<10.5										
2,3,4,6-Tetrachlorophenol	2017-12	ug/L					<10.6					<10.4						<10.4
2,3,4,6-Tetrachlorophenol	2018-07	ug/L											<10.4					
2,3,4,6-Tetrachlorophenol	2018-10	ug/L											<10.4					
2,3,4,6-Tetrachlorophenol	2019-05	ug/L																
2,3,4,6-Tetrachlorophenol	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
2,3,4,6-Tetrachlorophenol	2021-12	ug/L																
2,3,4,6-Tetrachlorophenol	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
2,3,4,6-Tetrachlorophenol	2024-04	ug/L											<10.6					
2,4,5-T	2009-03	ug/L						~~< 0.2~~	~~< 0.2~~	~~< 0.2~~								
2,4,5-T	2009-06	ug/L					~~< 0.21~~	~~< 0.2~~	~~< 0.2~~	~~< 0.21~~	~~< 0.22~~			~~< 0.21~~				
2,4,5-T	2009-09	ug/L					~~< 0.21~~	~~< 0.20~~	~~< 0.22~~	~~< 0.21~~	~~< 0.20~~			~~< 0.21~~				
2,4,5-T	2009-12	ug/L					~~< 0.20~~	~~< 0.21~~	~~< 0.21~~	~~< 0.21~~	~~< 0.21~~			~~< 0.21~~				
2,4,5-T	2010-03	ug/L					~~< 0.21~~	~~< 0.21~~		~~< 1.1~~	~~< 0.21~~			~~< 0.21~~				
2,4,5-T	2010-06	ug/L										~~< 0.50~~						
2,4,5-T	2010-08	ug/L										~~< 0.50~~	~~< 0.50~~					
2,4,5-T	2010-09	ug/L					~~< 0.52~~	~~< 0.52~~	~~< 0.52~~	~~< 0.52~~	~~< 0.54~~	~~< 0.52~~	~~< 0.51~~	~~< 0.51~~				
2,4,5-T	2010-12	ug/L										~~< 0.54~~						
2,4,5-T	2011-03	ug/L					~~< 0.50~~	~~< 0.50~~		~~< 0.52~~	~~< 0.53~~		~~< 0.52~~	~~< 0.52~~	~~< 0.52~~			
2,4,5-T	2011-06	ug/L											~~< 0.50~~		~~< 0.50~~	~~< 0.50~~	~~< 0.50~~	
2,4,5-T	2011-09	ug/L					~~< 1.0~~	~~< 1.0~~	~~< 1.0~~	~~< 1.0~~	~~**6.3**~~	~~< 1.0~~		~~< 1.0~~	~~< 1.0~~	~~< 1.0~~	~~< 1.0~~	
2,4,5-T	2011-12	ug/L													~~< 1.0~~	~~< 1.0~~	~~< 1.0~~	
2,4,5-T	2012-03	ug/L									~~< 1.0~~					~~< 1.1~~	~~< 1.0~~	
2,4,5-T	2012-10	ug/L									~~< 1.0~~							
2,4,5-T	2013-03	ug/L									~~< 1.04~~							
2,4,5-T	2013-09	ug/L									~~< 1.09~~							
2,4,5-T	2014-03	ug/L									~~< 1.04~~							
2,4,5-T	2014-09	ug/L					~~< 1.09~~			~~< 10.5~~	~~< 1.07~~			~~< 1.09~~				
2,4,5-T	2014-12	ug/L															~~< 1.10~~	
2,4,5-T	2015-04	ug/L									< 1.19							
2,4,5-T	2016-10	ug/L							<1.07	<10.7	<1.04					<1.11	<1.06	
2,4,5-T	2017-03	ug/L									<1.05							
2,4,5-T	2017-10	ug/L						<1.04			<1.02							

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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
2,2'-oxybis(1-Chloropropane)	2017-10	ug/L																
2,2'-oxybis(1-Chloropropane)	2017-12	ug/L			<10.4													
2,2'-oxybis(1-Chloropropane)	2018-07	ug/L								<10.1								
2,2'-oxybis(1-Chloropropane)	2018-10	ug/L								<10.3								
2,2'-oxybis(1-Chloropropane)	2019-05	ug/L		<10.1														
2,2'-oxybis(1-Chloropropane)	2021-10	ug/L																
2,2'-oxybis(1-Chloropropane)	2021-12	ug/L	<10.5															
2,2'-oxybis(1-Chloropropane)	2022-10	ug/L			<8.77													
2,2'-oxybis(1-Chloropropane)	2024-04	ug/L		<10.2														
2,3,4,6-Tetrachlorophenol	2009-03	ug/L																
2,3,4,6-Tetrachlorophenol	2009-06	ug/L																
2,3,4,6-Tetrachlorophenol	2009-09	ug/L																
2,3,4,6-Tetrachlorophenol	2009-12	ug/L																
2,3,4,6-Tetrachlorophenol	2010-03	ug/L																
2,3,4,6-Tetrachlorophenol	2010-06	ug/L																
2,3,4,6-Tetrachlorophenol	2010-08	ug/L																
2,3,4,6-Tetrachlorophenol	2010-09	ug/L																
2,3,4,6-Tetrachlorophenol	2010-12	ug/L																
2,3,4,6-Tetrachlorophenol	2011-03	ug/L																
2,3,4,6-Tetrachlorophenol	2011-06	ug/L																
2,3,4,6-Tetrachlorophenol	2011-09	ug/L																
2,3,4,6-Tetrachlorophenol	2011-12	ug/L																
2,3,4,6-Tetrachlorophenol	2012-03	ug/L																
2,3,4,6-Tetrachlorophenol	2014-12	ug/L																
2,3,4,6-Tetrachlorophenol	2016-10	ug/L									<10.4					<10.3	<10.2	
2,3,4,6-Tetrachlorophenol	2017-10	ug/L																
2,3,4,6-Tetrachlorophenol	2017-12	ug/L			<10.4													
2,3,4,6-Tetrachlorophenol	2018-07	ug/L								<10.1								
2,3,4,6-Tetrachlorophenol	2018-10	ug/L								<10.3								
2,3,4,6-Tetrachlorophenol	2019-05	ug/L		<10.1														
2,3,4,6-Tetrachlorophenol	2021-10	ug/L																
2,3,4,6-Tetrachlorophenol	2021-12	ug/L	<10.5															
2,3,4,6-Tetrachlorophenol	2022-10	ug/L			<8.77													
2,3,4,6-Tetrachlorophenol	2024-04	ug/L		<10.2														
2,4,5-T	2009-03	ug/L																
2,4,5-T	2009-06	ug/L																
2,4,5-T	2009-09	ug/L																
2,4,5-T	2009-12	ug/L																
2,4,5-T	2010-03	ug/L																
2,4,5-T	2010-06	ug/L																
2,4,5-T	2010-08	ug/L																
2,4,5-T	2010-09	ug/L																
2,4,5-T	2010-12	ug/L																
2,4,5-T	2011-03	ug/L																
2,4,5-T	2011-06	ug/L																
2,4,5-T	2011-09	ug/L																
2,4,5-T	2011-12	ug/L																
2,4,5-T	2012-03	ug/L																
2,4,5-T	2012-10	ug/L																
2,4,5-T	2013-03	ug/L									~~< 1.14~~							
2,4,5-T	2013-09	ug/L									~~< 1.11~~							
2,4,5-T	2014-03	ug/L									~~< 1.13~~							
2,4,5-T	2014-09	ug/L									~~< 1.06~~							
2,4,5-T	2014-12	ug/L																
2,4,5-T	2015-04	ug/L									< 1.11							
2,4,5-T	2016-10	ug/L									<1.16					<1.07	<1.09	
2,4,5-T	2017-03	ug/L									<1.03					<1.03	<1.05	
2,4,5-T	2017-10	ug/L									<1.04					<1.04	<1.03	

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
2,4,5-T	2017-12	ug/L					<1.02					<1.09						<1.05
2,4,5-T	2018-04	ug/L									<1.15							
2,4,5-T	2018-07	ug/L											<1.01					
2,4,5-T	2018-10	ug/L									<1.1		<1.05					
2,4,5-T	2019-03	ug/L									<1.04							
2,4,5-T	2019-05	ug/L																
2,4,5-T	2019-10	ug/L									<1.05							
2,4,5-T	2021-10	ug/L							<1.06	<10.4	<1.04					<1.04	<1.05	
2,4,5-T	2021-12	ug/L																
2,4,5-T	2022-10	ug/L					<0.5	<0.5				<0.5						<0.5
2,4,5-T	2023-04	ug/L									<0.177							
2,4,5-T	2024-04	ug/L											<0.157					
2,4,5-T	2024-05	ug/L											<0.157					
2,4,5-TP (Silvex)	2009-03	ug/L						**0.54**	< 0.2	**1.1**								
2,4,5-TP (Silvex)	2009-06	ug/L					< 0.21	< 0.2	< 0.2	**1.4**	< 0.22			< 0.21				
2,4,5-TP (Silvex)	2009-09	ug/L					**0.21**	< 0.20	< 0.22	< 0.21	**1.0**			**1.3**				
2,4,5-TP (Silvex)	2009-12	ug/L					< 0.20	< 0.21	< 0.21	< 0.21	< 0.21			< 0.21				
2,4,5-TP (Silvex)	2010-03	ug/L					< 0.21	**0.26**		< 1.1	< 0.21			**0.40**				
2,4,5-TP (Silvex)	2010-06	ug/L										< 0.50						
2,4,5-TP (Silvex)	2010-08	ug/L										< 0.50	< 0.50					
2,4,5-TP (Silvex)	2010-09	ug/L					< 0.52	< 0.52	< 0.52	< 0.52	< 0.54	< 0.52	< 0.51	< 0.51				
2,4,5-TP (Silvex)	2010-12	ug/L										< 0.54						
2,4,5-TP (Silvex)	2011-03	ug/L					< 0.50	< 0.50		< 0.52	< 0.53		< 0.52	< 0.52	< 0.52			
2,4,5-TP (Silvex)	2011-06	ug/L											< 0.50		< 0.50	< 0.50	< 0.50	
2,4,5-TP (Silvex)	2011-09	ug/L					< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0		< 1.0	< 1.0	< 1.0	< 1.0	
2,4,5-TP (Silvex)	2011-12	ug/L													< 1.0	< 1.0	< 1.0	
2,4,5-TP (Silvex)	2012-03	ug/L					< 1.0	< 1.1		< 1.0	< 1.0			< 1.0		< 1.1	< 1.0	
2,4,5-TP (Silvex)	2012-10	ug/L					< 1.0	< 1.0		< 1.0	< 1.0			< 1.0				
2,4,5-TP (Silvex)	2013-03	ug/L					< 1.04	< 1.13		< 1.05	< 1.04			< 1.05				
2,4,5-TP (Silvex)	2013-09	ug/L					< 1.09			< 1.05	< 1.09			< 1.04				
2,4,5-TP (Silvex)	2014-03	ug/L					< 1.05			< 1.06	< 1.04			< 1.07				
2,4,5-TP (Silvex)	2014-09	ug/L					< 1.09			< 10.5	< 1.07			< 1.09				
2,4,5-TP (Silvex)	2014-12	ug/L															< 1.10	
2,4,5-TP (Silvex)	2015-04	ug/L					< 1.04			< 1.21	< 1.19							
2,4,5-TP (Silvex)	2016-10	ug/L							<1.07	<10.7	<1.04					<1.11	<1.06	
2,4,5-TP (Silvex)	2017-03	ug/L								<10.1	<1.05							
2,4,5-TP (Silvex)	2017-10	ug/L						<1.04		<1.06	<1.02							
2,4,5-TP (Silvex)	2017-12	ug/L					<1.02					<1.09						<1.05
2,4,5-TP (Silvex)	2018-04	ug/L								<1.09	<1.15							
2,4,5-TP (Silvex)	2018-07	ug/L											<1.01					
2,4,5-TP (Silvex)	2018-10	ug/L								<10.5	<1.1		<1.05					
2,4,5-TP (Silvex)	2019-03	ug/L								<1.02	<1.04							
2,4,5-TP (Silvex)	2019-05	ug/L																
2,4,5-TP (Silvex)	2019-10	ug/L								<1.07	**2.03**							
2,4,5-TP (Silvex)	2020-03	ug/L									<1.03							
2,4,5-TP (Silvex)	2020-09	ug/L									<1.07							
2,4,5-TP (Silvex)	2021-03	ug/L									**2.11**							
2,4,5-TP (Silvex)	2021-10	ug/L							<1.06	<10.4	**1.68**					<1.04	<1.05	
2,4,5-TP (Silvex)	2021-12	ug/L																
2,4,5-TP (Silvex)	2022-02	ug/L									**0.145**							
2,4,5-TP (Silvex)	2022-04	ug/L									**1.73**							
2,4,5-TP (Silvex)	2022-10	ug/L					<0.5	<0.5			<0.5	<0.5						<0.5
2,4,5-TP (Silvex)	2023-04	ug/L									**0.0863**							
2,4,5-TP (Silvex)	2023-10	ug/L									**0.145**							
2,4,5-TP (Silvex)	2024-04	ug/L									**0.0511 J**		**0.0724**					
2,4,5-TP (Silvex)	2024-04	ug/L											**0.0724 o**					
2,4,5-TP (Silvex)	2024-05	ug/L											<0.0524					
2,4,5-TP (Silvex)	2024-09	ug/L																

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2,4,5-T	2017-12	ug/L			<1.03													
2,4,5-T	2018-04	ug/L																
2,4,5-T	2018-07	ug/L								<1.04								
2,4,5-T	2018-10	ug/L								<1.06								
2,4,5-T	2019-03	ug/L																
2,4,5-T	2019-05	ug/L		<1.03														
2,4,5-T	2019-10	ug/L																
2,4,5-T	2021-10	ug/L																
2,4,5-T	2021-12	ug/L	<1.08															
2,4,5-T	2022-10	ug/L			<0.5													
2,4,5-T	2023-04	ug/L	<0.163															
2,4,5-T	2024-04	ug/L		<0.16														
2,4,5-T	2024-05	ug/L																
2,4,5-TP (Silvex)	2009-03	ug/L																
2,4,5-TP (Silvex)	2009-06	ug/L																
2,4,5-TP (Silvex)	2009-09	ug/L																
2,4,5-TP (Silvex)	2009-12	ug/L																
2,4,5-TP (Silvex)	2010-03	ug/L																
2,4,5-TP (Silvex)	2010-06	ug/L																
2,4,5-TP (Silvex)	2010-08	ug/L																
2,4,5-TP (Silvex)	2010-09	ug/L																
2,4,5-TP (Silvex)	2010-12	ug/L																
2,4,5-TP (Silvex)	2011-03	ug/L																
2,4,5-TP (Silvex)	2011-06	ug/L																
2,4,5-TP (Silvex)	2011-09	ug/L																
2,4,5-TP (Silvex)	2011-12	ug/L																
2,4,5-TP (Silvex)	2012-03	ug/L																
2,4,5-TP (Silvex)	2012-10	ug/L																
2,4,5-TP (Silvex)	2013-03	ug/L									~~< 1.14~~							
2,4,5-TP (Silvex)	2013-09	ug/L									~~< 1.11~~							
2,4,5-TP (Silvex)	2014-03	ug/L									~~< 1.13~~							
2,4,5-TP (Silvex)	2014-09	ug/L									~~< 1.06~~							
2,4,5-TP (Silvex)	2014-12	ug/L																
2,4,5-TP (Silvex)	2015-04	ug/L									< 1.11							
2,4,5-TP (Silvex)	2016-10	ug/L									<1.16					<1.07	<1.09	
2,4,5-TP (Silvex)	2017-03	ug/L									<1.03					<1.03	<1.05	
2,4,5-TP (Silvex)	2017-10	ug/L									<1.04					<1.04	<1.03	
2,4,5-TP (Silvex)	2017-12	ug/L			<1.03													
2,4,5-TP (Silvex)	2018-04	ug/L																
2,4,5-TP (Silvex)	2018-07	ug/L								<1.04								
2,4,5-TP (Silvex)	2018-10	ug/L								<1.06								
2,4,5-TP (Silvex)	2019-03	ug/L																
2,4,5-TP (Silvex)	2019-05	ug/L		<1.03														
2,4,5-TP (Silvex)	2019-10	ug/L																
2,4,5-TP (Silvex)	2020-03	ug/L																
2,4,5-TP (Silvex)	2020-09	ug/L																
2,4,5-TP (Silvex)	2021-03	ug/L																
2,4,5-TP (Silvex)	2021-10	ug/L																
2,4,5-TP (Silvex)	2021-12	ug/L	<1.08															
2,4,5-TP (Silvex)	2022-02	ug/L																
2,4,5-TP (Silvex)	2022-04	ug/L																
2,4,5-TP (Silvex)	2022-10	ug/L			<0.5													
2,4,5-TP (Silvex)	2023-04	ug/L	<0.0544															
2,4,5-TP (Silvex)	2023-10	ug/L																
2,4,5-TP (Silvex)	2024-04	ug/L		<0.0535														
2,4,5-TP (Silvex)	2024-04	ug/L		<0.0535														
2,4,5-TP (Silvex)	2024-05	ug/L																
2,4,5-TP (Silvex)	2024-09	ug/L								< 1.13	< 0.996							

Table 20
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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
2,4,5-TP (Silvex)	2025-03	ug/L									< 0.271							
2,4,5-TP (Silvex)	2025-08	ug/L									< 1.03 J							
2,4,5-Trichlorophenol	2009-03	ug/L						~~< 10~~	~~< 10~~	~~< 10~~								
2,4,5-Trichlorophenol	2009-06	ug/L					~~< 10.0~~	~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10~~			~~< 10.0~~				
2,4,5-Trichlorophenol	2009-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
2,4,5-Trichlorophenol	2009-12	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
2,4,5-Trichlorophenol	2010-03	ug/L					~~< 10.0~~				~~< 10.0~~			~~< 10.0~~				
2,4,5-Trichlorophenol	2010-06	ug/L										~~< 10.0~~						
2,4,5-Trichlorophenol	2010-08	ug/L										~~< 10.0~~	~~< 10.0~~					
2,4,5-Trichlorophenol	2010-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~				
2,4,5-Trichlorophenol	2010-12	ug/L										~~< 10.0~~						
2,4,5-Trichlorophenol	2011-03	ug/L											~~< 10.0~~		~~< 10.0~~			
2,4,5-Trichlorophenol	2011-06	ug/L											~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
2,4,5-Trichlorophenol	2011-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
2,4,5-Trichlorophenol	2011-12	ug/L													~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
2,4,5-Trichlorophenol	2012-03	ug/L														~~< 10.0~~	~~< 10.0~~	
2,4,5-Trichlorophenol	2014-12	ug/L															~~< 10.2~~	
2,4,5-Trichlorophenol	2016-10	ug/L							<10	<10	<10.9					<11.2	<11.1	
2,4,5-Trichlorophenol	2017-10	ug/L						<10.5										
2,4,5-Trichlorophenol	2017-12	ug/L					<10.6					<10.4						<10.4
2,4,5-Trichlorophenol	2018-07	ug/L											<10.4					
2,4,5-Trichlorophenol	2018-10	ug/L											<10.4					
2,4,5-Trichlorophenol	2019-05	ug/L																
2,4,5-Trichlorophenol	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
2,4,5-Trichlorophenol	2021-12	ug/L																
2,4,5-Trichlorophenol	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
2,4,5-Trichlorophenol	2024-04	ug/L											<10.6					
2,4,6-Trichlorophenol	2009-03	ug/L						~~< 10~~	~~< 10~~	~~< 10~~								
2,4,6-Trichlorophenol	2009-06	ug/L					~~< 10.0~~	~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10~~			~~< 10.0~~				
2,4,6-Trichlorophenol	2009-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
2,4,6-Trichlorophenol	2009-12	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
2,4,6-Trichlorophenol	2010-03	ug/L					~~< 10.0~~				~~< 10.0~~			~~< 10.0~~				
2,4,6-Trichlorophenol	2010-06	ug/L										~~< 10.0~~						
2,4,6-Trichlorophenol	2010-08	ug/L										~~< 10.0~~	~~< 10.0~~					
2,4,6-Trichlorophenol	2010-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~				
2,4,6-Trichlorophenol	2010-12	ug/L										~~< 10.0~~						
2,4,6-Trichlorophenol	2011-03	ug/L											~~< 10.0~~		~~< 10.0~~			
2,4,6-Trichlorophenol	2011-06	ug/L											~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
2,4,6-Trichlorophenol	2011-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
2,4,6-Trichlorophenol	2011-12	ug/L													~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
2,4,6-Trichlorophenol	2012-03	ug/L														~~< 10.0~~	~~< 10.0~~	
2,4,6-Trichlorophenol	2014-12	ug/L															~~< 10.2~~	
2,4,6-Trichlorophenol	2016-10	ug/L							<10	<10	<10.9					<11.2	<11.1	
2,4,6-Trichlorophenol	2017-10	ug/L						<10.5										
2,4,6-Trichlorophenol	2017-12	ug/L					<10.6					<10.4						<10.4
2,4,6-Trichlorophenol	2018-07	ug/L											<10.4					
2,4,6-Trichlorophenol	2018-10	ug/L											<10.4					
2,4,6-Trichlorophenol	2019-05	ug/L																
2,4,6-Trichlorophenol	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
2,4,6-Trichlorophenol	2021-12	ug/L																
2,4,6-Trichlorophenol	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
2,4,6-Trichlorophenol	2024-04	ug/L											<10.6					
2,4-D	2009-03	ug/L						~~< 0.99~~	~~< 0.99~~	~~< 1~~								
2,4-D	2009-06	ug/L					~~< 1.1~~	~~< 1~~	~~< 1~~	~~< 1.1~~	~~< 1.1~~			~~< 1.0~~				
2,4-D	2009-09	ug/L					~~< 1.0~~	~~< 1.0~~	~~< 1.1~~	~~< 1.1~~	~~< 1.0~~			~~< 1.0~~				
2,4-D	2009-12	ug/L					~~< 1.0~~	~~< 1.1~~	~~< 1.1~~	~~< 1.1~~	~~< 1.1~~			~~< 1.0~~				
2,4-D	2010-03	ug/L					~~< 1.0~~	~~< 1.0~~		~~< 5.3~~	~~< 1.1~~			~~< 1.0~~				
2,4-D	2010-06	ug/L										~~< 1.0~~						

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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
2,4,5-TP (Silvex)	2025-03	ug/L									< 0.0629							
2,4,5-TP (Silvex)	2025-08	ug/L								< 0.984	< 1.11							
2,4,5-Trichlorophenol	2009-03	ug/L																
2,4,5-Trichlorophenol	2009-06	ug/L																
2,4,5-Trichlorophenol	2009-09	ug/L																
2,4,5-Trichlorophenol	2009-12	ug/L																
2,4,5-Trichlorophenol	2010-03	ug/L																
2,4,5-Trichlorophenol	2010-06	ug/L																
2,4,5-Trichlorophenol	2010-08	ug/L																
2,4,5-Trichlorophenol	2010-09	ug/L																
2,4,5-Trichlorophenol	2010-12	ug/L																
2,4,5-Trichlorophenol	2011-03	ug/L																
2,4,5-Trichlorophenol	2011-06	ug/L																
2,4,5-Trichlorophenol	2011-09	ug/L																
2,4,5-Trichlorophenol	2011-12	ug/L																
2,4,5-Trichlorophenol	2012-03	ug/L																
2,4,5-Trichlorophenol	2014-12	ug/L																
2,4,5-Trichlorophenol	2016-10	ug/L									<10.4					<10.3	<10.2	
2,4,5-Trichlorophenol	2017-10	ug/L																
2,4,5-Trichlorophenol	2017-12	ug/L			<10.4													
2,4,5-Trichlorophenol	2018-07	ug/L								<10.1								
2,4,5-Trichlorophenol	2018-10	ug/L								<10.3								
2,4,5-Trichlorophenol	2019-05	ug/L		<10.1														
2,4,5-Trichlorophenol	2021-10	ug/L																
2,4,5-Trichlorophenol	2021-12	ug/L	<10.5															
2,4,5-Trichlorophenol	2022-10	ug/L			<8.77													
2,4,5-Trichlorophenol	2024-04	ug/L		<10.2														
2,4,6-Trichlorophenol	2009-03	ug/L																
2,4,6-Trichlorophenol	2009-06	ug/L																
2,4,6-Trichlorophenol	2009-09	ug/L																
2,4,6-Trichlorophenol	2009-12	ug/L																
2,4,6-Trichlorophenol	2010-03	ug/L																
2,4,6-Trichlorophenol	2010-06	ug/L																
2,4,6-Trichlorophenol	2010-08	ug/L																
2,4,6-Trichlorophenol	2010-09	ug/L																
2,4,6-Trichlorophenol	2010-12	ug/L																
2,4,6-Trichlorophenol	2011-03	ug/L																
2,4,6-Trichlorophenol	2011-06	ug/L																
2,4,6-Trichlorophenol	2011-09	ug/L																
2,4,6-Trichlorophenol	2011-12	ug/L																
2,4,6-Trichlorophenol	2012-03	ug/L																
2,4,6-Trichlorophenol	2014-12	ug/L																
2,4,6-Trichlorophenol	2016-10	ug/L									<10.4					<10.3	<10.2	
2,4,6-Trichlorophenol	2017-10	ug/L																
2,4,6-Trichlorophenol	2017-12	ug/L			<10.4													
2,4,6-Trichlorophenol	2018-07	ug/L								<10.1								
2,4,6-Trichlorophenol	2018-10	ug/L								<10.3								
2,4,6-Trichlorophenol	2019-05	ug/L		<10.1														
2,4,6-Trichlorophenol	2021-10	ug/L																
2,4,6-Trichlorophenol	2021-12	ug/L	<10.5															
2,4,6-Trichlorophenol	2022-10	ug/L			<8.77													
2,4,6-Trichlorophenol	2024-04	ug/L		<10.2														
2,4-D	2009-03	ug/L																
2,4-D	2009-06	ug/L																
2,4-D	2009-09	ug/L																
2,4-D	2009-12	ug/L																
2,4-D	2010-03	ug/L																
2,4-D	2010-06	ug/L																

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
2,4-D	2010-08	ug/L										< 1.0	< 1.0					
2,4-D	2010-09	ug/L					< 1.0	< 1.0	< 1.0	< 1.0	< 1.1	< 1.0	< 1.0	< 1.0				
2,4-D	2010-12	ug/L										< 1.1						
2,4-D	2011-03	ug/L					< 1.0	< 1.0		< 1.0	< 1.1		< 1.0	< 1.0	< 1.0			
2,4-D	2011-06	ug/L											< 1.0		< 1.0	< 1.0	< 1.0	
2,4-D	2011-09	ug/L					< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0		< 1.0	< 1.0	< 1.0	< 1.0	
2,4-D	2011-12	ug/L													< 1.0	< 1.0	< 1.0	
2,4-D	2012-03	ug/L														< 1.1	< 1.0	
2,4-D	2014-12	ug/L															< 1.10	
2,4-D	2016-10	ug/L							<1.07	<10.7	<1.04					<1.11	<1.06	
2,4-D	2017-10	ug/L						<1.04										
2,4-D	2017-12	ug/L					<1.02					<1.09						<1.05
2,4-D	2018-07	ug/L											<1.01					
2,4-D	2018-10	ug/L											<1.05					
2,4-D	2019-05	ug/L																
2,4-D	2021-10	ug/L							<1.06	<10.4	<1.04					<1.04	<1.05	
2,4-D	2021-12	ug/L																
2,4-D	2022-02	ug/L																
2,4-D	2022-04	ug/L																
2,4-D	2022-07	ug/L																
2,4-D	2022-10	ug/L					<2	<2				<2						<2
2,4-D	2023-04	ug/L									<0.706							
2,4-D	2023-10	ug/L																
2,4-D	2024-04	ug/L											<0.627					
2,4-D	2024-09	ug/L																
2,4-D	2025-03	ug/L																
2,4-D	2025-08	ug/L																
2,4-Dichlorophenol	2009-03	ug/L						< 10	< 10	< 10								
2,4-Dichlorophenol	2009-06	ug/L					< 10.0	< 10	< 10	< 10.0	< 10			< 10.0				
2,4-Dichlorophenol	2009-09	ug/L					< 10.0	< 10.0	< 10.0	< 10.0	< 10.0			< 10.0				
2,4-Dichlorophenol	2009-12	ug/L					< 10.0	< 10.0	< 10.0	< 10.0	< 10.0			< 10.0				
2,4-Dichlorophenol	2010-03	ug/L					< 10.0				< 10.0			< 10.0				
2,4-Dichlorophenol	2010-06	ug/L										< 10.0						
2,4-Dichlorophenol	2010-08	ug/L										< 10.0	< 10.0					
2,4-Dichlorophenol	2010-09	ug/L					< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0				
2,4-Dichlorophenol	2010-12	ug/L										< 10.0						
2,4-Dichlorophenol	2011-03	ug/L											< 10.0		< 10.0			
2,4-Dichlorophenol	2011-06	ug/L											< 10.0		< 10.0	< 10.0	< 10.0	
2,4-Dichlorophenol	2011-09	ug/L					< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	
2,4-Dichlorophenol	2011-12	ug/L													< 10.0	< 10.0	< 10.0	
2,4-Dichlorophenol	2012-03	ug/L														< 10.0	< 10.0	
2,4-Dichlorophenol	2014-12	ug/L															< 10.2	
2,4-Dichlorophenol	2016-10	ug/L							<10	<10	<10.9					<11.2	<11.1	
2,4-Dichlorophenol	2017-10	ug/L						<10.5										
2,4-Dichlorophenol	2017-12	ug/L					<10.6					<10.4						<10.4
2,4-Dichlorophenol	2018-07	ug/L											<10.4					
2,4-Dichlorophenol	2018-10	ug/L											<10.4					
2,4-Dichlorophenol	2019-05	ug/L																
2,4-Dichlorophenol	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
2,4-Dichlorophenol	2021-12	ug/L																
2,4-Dichlorophenol	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
2,4-Dichlorophenol	2024-04	ug/L											<10.6					
2,4-Dimethylphenol	2009-03	ug/L						< 10	< 10	< 10								
2,4-Dimethylphenol	2009-06	ug/L					< 10.0	< 10	< 10	< 10.0	< 10			< 10.0				
2,4-Dimethylphenol	2009-09	ug/L					< 10.0	< 10.0	< 10.0	< 10.0	< 10.0			< 10.0				
2,4-Dimethylphenol	2009-12	ug/L					< 10.0	< 10.0	< 10.0	< 10.0	< 10.0			< 10.0				
2,4-Dimethylphenol	2010-03	ug/L					< 10.0				< 10.0			< 10.0				
2,4-Dimethylphenol	2010-06	ug/L										< 10.0						

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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
2,4-D	2010-08	ug/L																
2,4-D	2010-09	ug/L																
2,4-D	2010-12	ug/L																
2,4-D	2011-03	ug/L																
2,4-D	2011-06	ug/L																
2,4-D	2011-09	ug/L																
2,4-D	2011-12	ug/L																
2,4-D	2012-03	ug/L																
2,4-D	2014-12	ug/L																
2,4-D	2016-10	ug/L									<1.16					<1.07	<1.09	
2,4-D	2017-10	ug/L																
2,4-D	2017-12	ug/L			<1.03													
2,4-D	2018-07	ug/L								<1.04								
2,4-D	2018-10	ug/L								<1.06								
2,4-D	2019-05	ug/L		<1.03														
2,4-D	2021-10	ug/L																
2,4-D	2021-12	ug/L	**1.23**															
2,4-D	2022-02	ug/L	<0.66															
2,4-D	2022-04	ug/L	<0.997															
2,4-D	2022-07	ug/L	<2															
2,4-D	2022-10	ug/L	<2		<2													
2,4-D	2023-04	ug/L	<0.652															
2,4-D	2023-10	ug/L	<0.597															
2,4-D	2024-04	ug/L	<0.635	<0.642														
2,4-D	2024-09	ug/L	< 0.992							< 1.13	< 0.996							
2,4-D	2025-03	ug/L	< 0.656								< 0.755							
2,4-D	2025-08	ug/L	< 0.956							< 0.984	< 1.11							
2,4-Dichlorophenol	2009-03	ug/L																
2,4-Dichlorophenol	2009-06	ug/L																
2,4-Dichlorophenol	2009-09	ug/L																
2,4-Dichlorophenol	2009-12	ug/L																
2,4-Dichlorophenol	2010-03	ug/L																
2,4-Dichlorophenol	2010-06	ug/L																
2,4-Dichlorophenol	2010-08	ug/L																
2,4-Dichlorophenol	2010-09	ug/L																
2,4-Dichlorophenol	2010-12	ug/L																
2,4-Dichlorophenol	2011-03	ug/L																
2,4-Dichlorophenol	2011-06	ug/L																
2,4-Dichlorophenol	2011-09	ug/L																
2,4-Dichlorophenol	2011-12	ug/L																
2,4-Dichlorophenol	2012-03	ug/L																
2,4-Dichlorophenol	2014-12	ug/L																
2,4-Dichlorophenol	2016-10	ug/L									<10.4					<10.3	<10.2	
2,4-Dichlorophenol	2017-10	ug/L																
2,4-Dichlorophenol	2017-12	ug/L			<10.4													
2,4-Dichlorophenol	2018-07	ug/L								<10.1								
2,4-Dichlorophenol	2018-10	ug/L								<10.3								
2,4-Dichlorophenol	2019-05	ug/L		<10.1														
2,4-Dichlorophenol	2021-10	ug/L																
2,4-Dichlorophenol	2021-12	ug/L	<10.5															
2,4-Dichlorophenol	2022-10	ug/L			<8.77													
2,4-Dichlorophenol	2024-04	ug/L		<10.2														
2,4-Dimethylphenol	2009-03	ug/L																
2,4-Dimethylphenol	2009-06	ug/L																
2,4-Dimethylphenol	2009-09	ug/L																
2,4-Dimethylphenol	2009-12	ug/L																
2,4-Dimethylphenol	2010-03	ug/L																
2,4-Dimethylphenol	2010-06	ug/L																

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
2,4-Dimethylphenol	2010-08	ug/L										~~< 10.0~~	~~< 10.0~~					
2,4-Dimethylphenol	2010-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~				
2,4-Dimethylphenol	2010-12	ug/L										~~< 10.0~~						
2,4-Dimethylphenol	2011-03	ug/L											~~< 10.0~~		~~< 10.0~~			
2,4-Dimethylphenol	2011-06	ug/L											~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
2,4-Dimethylphenol	2011-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
2,4-Dimethylphenol	2011-12	ug/L													~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
2,4-Dimethylphenol	2012-03	ug/L														~~< 10.0~~	~~< 10.0~~	
2,4-Dimethylphenol	2014-12	ug/L															~~< 10.2~~	
2,4-Dimethylphenol	2016-10	ug/L							<10	**0.251 J**	<10.9					<11.2	<11.1	
2,4-Dimethylphenol	2017-10	ug/L						**0.481 J**										
2,4-Dimethylphenol	2017-12	ug/L					<10.6					<10.4						<10.4
2,4-Dimethylphenol	2018-07	ug/L											<10.4					
2,4-Dimethylphenol	2018-10	ug/L											<10.4					
2,4-Dimethylphenol	2019-05	ug/L																
2,4-Dimethylphenol	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
2,4-Dimethylphenol	2021-12	ug/L																
2,4-Dimethylphenol	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
2,4-Dimethylphenol	2024-04	ug/L											<10.6					
2,4-Dinitrophenol	2009-03	ug/L						~~< 20~~	~~< 20~~	~~< 20~~								
2,4-Dinitrophenol	2009-06	ug/L					~~< 20.0~~	~~< 20~~	~~< 20~~	~~< 20.0~~	~~< 20~~			~~< 20.0~~				
2,4-Dinitrophenol	2009-09	ug/L					~~< 20.0~~	~~< 20.0~~	~~< 20.0~~	~~< 20.0~~	~~< 20.0~~			~~< 20.0~~				
2,4-Dinitrophenol	2009-12	ug/L					~~< 20.0~~	~~< 20.0~~	~~< 20.0~~	~~< 20.0~~	~~< 20.0~~			~~< 20.0~~				
2,4-Dinitrophenol	2010-03	ug/L					~~< 20.0~~				~~< 20.0~~			~~< 20.0~~				
2,4-Dinitrophenol	2010-06	ug/L										~~< 20.0~~						
2,4-Dinitrophenol	2010-08	ug/L										~~< 20.0~~	~~< 20.0~~					
2,4-Dinitrophenol	2010-09	ug/L					~~< 20.0~~	~~< 20.0~~	~~< 20.0~~	~~< 20.0~~	~~< 20.0~~	~~< 20.0~~	~~< 20.0~~	~~< 20.0~~				
2,4-Dinitrophenol	2010-12	ug/L										~~< 20.0~~						
2,4-Dinitrophenol	2011-03	ug/L											~~< 20.0~~		~~< 20.0~~			
2,4-Dinitrophenol	2011-06	ug/L											~~< 20.0~~		~~< 20.0~~	~~< 20.0~~	~~< 20.0~~	
2,4-Dinitrophenol	2011-09	ug/L					~~< 20.0~~	~~< 20.0~~	~~< 20.0~~	~~< 20.0~~	~~< 20.0~~	~~< 20.0~~		~~< 20.0~~	~~< 20.0~~	~~< 20.0~~	~~< 20.0~~	
2,4-Dinitrophenol	2011-12	ug/L													~~< 20.0~~	~~< 20.0~~	~~< 20.0~~	
2,4-Dinitrophenol	2012-03	ug/L														~~< 20.0~~	~~< 20.0~~	
2,4-Dinitrophenol	2014-12	ug/L															~~< 20.4~~	
2,4-Dinitrophenol	2016-10	ug/L							<20	<20	<21.7					<22.5	<22.2	
2,4-Dinitrophenol	2017-10	ug/L						<21.1										
2,4-Dinitrophenol	2017-12	ug/L					<21.3					<20.8						<20.8
2,4-Dinitrophenol	2018-07	ug/L											<20.8					
2,4-Dinitrophenol	2018-10	ug/L											<20.8					
2,4-Dinitrophenol	2019-05	ug/L																
2,4-Dinitrophenol	2021-10	ug/L							<21.1	<21.1	<20.4					<20.8	<21.1	
2,4-Dinitrophenol	2021-12	ug/L																
2,4-Dinitrophenol	2022-10	ug/L					<16.9	<16.9				<16.9						<16.9
2,4-Dinitrophenol	2024-04	ug/L											<21.3					
2,4-Dinitrotoluene	2009-03	ug/L						~~< 10~~	~~< 10~~	~~< 10~~								
2,4-Dinitrotoluene	2009-06	ug/L					~~< 10.0~~	~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10~~			~~< 10.0~~				
2,4-Dinitrotoluene	2009-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
2,4-Dinitrotoluene	2009-12	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
2,4-Dinitrotoluene	2010-03	ug/L					~~< 10.0~~				~~< 10.0~~			~~< 10.0~~				
2,4-Dinitrotoluene	2010-06	ug/L										~~< 10.0~~						
2,4-Dinitrotoluene	2010-08	ug/L										~~< 10.0~~	~~< 10.0~~					
2,4-Dinitrotoluene	2010-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~				
2,4-Dinitrotoluene	2010-12	ug/L										~~< 10.0~~						
2,4-Dinitrotoluene	2011-03	ug/L											~~< 10.0~~		~~< 10.0~~			
2,4-Dinitrotoluene	2011-06	ug/L											~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
2,4-Dinitrotoluene	2011-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
2,4-Dinitrotoluene	2011-12	ug/L													~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
2,4-Dinitrotoluene	2012-03	ug/L														~~< 10.0~~	~~< 10.0~~	

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Table 20
Analytical Data Summary
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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
2,4-Dimethylphenol	2010-08	ug/L																
2,4-Dimethylphenol	2010-09	ug/L																
2,4-Dimethylphenol	2010-12	ug/L																
2,4-Dimethylphenol	2011-03	ug/L																
2,4-Dimethylphenol	2011-06	ug/L																
2,4-Dimethylphenol	2011-09	ug/L																
2,4-Dimethylphenol	2011-12	ug/L																
2,4-Dimethylphenol	2012-03	ug/L																
2,4-Dimethylphenol	2014-12	ug/L																
2,4-Dimethylphenol	2016-10	ug/L									<10.4					<10.3	<10.2	
2,4-Dimethylphenol	2017-10	ug/L																
2,4-Dimethylphenol	2017-12	ug/L			<10.4													
2,4-Dimethylphenol	2018-07	ug/L								<10.1								
2,4-Dimethylphenol	2018-10	ug/L								<10.3								
2,4-Dimethylphenol	2019-05	ug/L		<10.1														
2,4-Dimethylphenol	2021-10	ug/L																
2,4-Dimethylphenol	2021-12	ug/L	<10.5															
2,4-Dimethylphenol	2022-10	ug/L			<8.77													
2,4-Dimethylphenol	2024-04	ug/L		<10.2														
2,4-Dinitrophenol	2009-03	ug/L																
2,4-Dinitrophenol	2009-06	ug/L																
2,4-Dinitrophenol	2009-09	ug/L																
2,4-Dinitrophenol	2009-12	ug/L																
2,4-Dinitrophenol	2010-03	ug/L																
2,4-Dinitrophenol	2010-06	ug/L																
2,4-Dinitrophenol	2010-08	ug/L																
2,4-Dinitrophenol	2010-09	ug/L																
2,4-Dinitrophenol	2010-12	ug/L																
2,4-Dinitrophenol	2011-03	ug/L																
2,4-Dinitrophenol	2011-06	ug/L																
2,4-Dinitrophenol	2011-09	ug/L																
2,4-Dinitrophenol	2011-12	ug/L																
2,4-Dinitrophenol	2012-03	ug/L																
2,4-Dinitrophenol	2014-12	ug/L																
2,4-Dinitrophenol	2016-10	ug/L									<20.8					<20.6	<20.4	
2,4-Dinitrophenol	2017-10	ug/L																
2,4-Dinitrophenol	2017-12	ug/L			<20.8													
2,4-Dinitrophenol	2018-07	ug/L								<20.2								
2,4-Dinitrophenol	2018-10	ug/L								<20.6								
2,4-Dinitrophenol	2019-05	ug/L		<20.2														
2,4-Dinitrophenol	2021-10	ug/L																
2,4-Dinitrophenol	2021-12	ug/L	<21.1															
2,4-Dinitrophenol	2022-10	ug/L			<17.5													
2,4-Dinitrophenol	2024-04	ug/L		<20.4														
2,4-Dinitrotoluene	2009-03	ug/L																
2,4-Dinitrotoluene	2009-06	ug/L																
2,4-Dinitrotoluene	2009-09	ug/L																
2,4-Dinitrotoluene	2009-12	ug/L																
2,4-Dinitrotoluene	2010-03	ug/L																
2,4-Dinitrotoluene	2010-06	ug/L																
2,4-Dinitrotoluene	2010-08	ug/L																
2,4-Dinitrotoluene	2010-09	ug/L																
2,4-Dinitrotoluene	2010-12	ug/L																
2,4-Dinitrotoluene	2011-03	ug/L																
2,4-Dinitrotoluene	2011-06	ug/L																
2,4-Dinitrotoluene	2011-09	ug/L																
2,4-Dinitrotoluene	2011-12	ug/L																
2,4-Dinitrotoluene	2012-03	ug/L																

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Table 20
Analytical Data Summary
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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
2,4-Dinitrotoluene	2014-12	ug/L															~~< 10.2~~	
2,4-Dinitrotoluene	2016-10	ug/L							<10	<10	<10.9					<11.2	<11.1	
2,4-Dinitrotoluene	2017-10	ug/L						<10.5										
2,4-Dinitrotoluene	2017-12	ug/L					<10.6					<10.4						<10.4
2,4-Dinitrotoluene	2018-07	ug/L											<10.4					
2,4-Dinitrotoluene	2018-10	ug/L											<10.4					
2,4-Dinitrotoluene	2019-05	ug/L																
2,4-Dinitrotoluene	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
2,4-Dinitrotoluene	2021-12	ug/L																
2,4-Dinitrotoluene	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
2,4-Dinitrotoluene	2024-04	ug/L											<10.6					
2,6-Dichlorophenol	2009-03	ug/L						~~< 10~~	~~< 10~~	~~< 10~~								
2,6-Dichlorophenol	2009-06	ug/L					~~< 10.0~~	~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10~~			~~< 10.0~~				
2,6-Dichlorophenol	2009-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
2,6-Dichlorophenol	2009-12	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
2,6-Dichlorophenol	2010-03	ug/L					~~< 10.0~~				~~< 10.0~~			~~< 10.0~~				
2,6-Dichlorophenol	2010-06	ug/L										~~< 10.0~~						
2,6-Dichlorophenol	2010-08	ug/L										~~< 10.0~~	~~< 10.0~~					
2,6-Dichlorophenol	2010-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~				
2,6-Dichlorophenol	2010-12	ug/L										~~< 10.0~~						
2,6-Dichlorophenol	2011-03	ug/L											~~< 10.0~~		~~< 10.0~~			
2,6-Dichlorophenol	2011-06	ug/L											~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
2,6-Dichlorophenol	2011-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
2,6-Dichlorophenol	2011-12	ug/L													~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
2,6-Dichlorophenol	2012-03	ug/L														~~< 10.0~~	~~< 10.0~~	
2,6-Dichlorophenol	2014-12	ug/L															~~< 10.2~~	
2,6-Dichlorophenol	2016-10	ug/L							<10	<10	<10.9					<11.2	<11.1	
2,6-Dichlorophenol	2017-10	ug/L						<10.5										
2,6-Dichlorophenol	2017-12	ug/L					<10.6					<10.4						<10.4
2,6-Dichlorophenol	2018-07	ug/L											<10.4					
2,6-Dichlorophenol	2018-10	ug/L											<10.4					
2,6-Dichlorophenol	2019-05	ug/L																
2,6-Dichlorophenol	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
2,6-Dichlorophenol	2021-12	ug/L																
2,6-Dichlorophenol	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
2,6-Dichlorophenol	2024-04	ug/L											<10.6					
2,6-Dinitrotoluene	2009-03	ug/L						~~< 10~~	~~< 10~~	~~< 10~~								
2,6-Dinitrotoluene	2009-06	ug/L					~~< 10.0~~	~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10~~			~~< 10.0~~				
2,6-Dinitrotoluene	2009-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
2,6-Dinitrotoluene	2009-12	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
2,6-Dinitrotoluene	2010-03	ug/L					~~< 10.0~~				~~< 10.0~~			~~< 10.0~~				
2,6-Dinitrotoluene	2010-06	ug/L										~~< 10.0~~						
2,6-Dinitrotoluene	2010-08	ug/L										~~< 10.0~~	~~< 10.0~~					
2,6-Dinitrotoluene	2010-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~				
2,6-Dinitrotoluene	2010-12	ug/L										~~< 10.0~~						
2,6-Dinitrotoluene	2011-03	ug/L											~~< 10.0~~		~~< 10.0~~			
2,6-Dinitrotoluene	2011-06	ug/L											~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
2,6-Dinitrotoluene	2011-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
2,6-Dinitrotoluene	2011-12	ug/L													~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
2,6-Dinitrotoluene	2012-03	ug/L														~~< 10.0~~	~~< 10.0~~	
2,6-Dinitrotoluene	2014-12	ug/L															~~< 10.2~~	
2,6-Dinitrotoluene	2016-10	ug/L							<10	<10	<10.9					<11.2	<11.1	
2,6-Dinitrotoluene	2017-10	ug/L						<10.5										
2,6-Dinitrotoluene	2017-12	ug/L					<10.6					<10.4						<10.4
2,6-Dinitrotoluene	2018-07	ug/L											<10.4					
2,6-Dinitrotoluene	2018-10	ug/L											<10.4					
2,6-Dinitrotoluene	2019-05	ug/L																
2,6-Dinitrotoluene	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	

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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
2,4-Dinitrotoluene	2014-12	ug/L																
2,4-Dinitrotoluene	2016-10	ug/L									<10.4					<10.3	<10.2	
2,4-Dinitrotoluene	2017-10	ug/L																
2,4-Dinitrotoluene	2017-12	ug/L			<10.4													
2,4-Dinitrotoluene	2018-07	ug/L								<10.1								
2,4-Dinitrotoluene	2018-10	ug/L								<10.3								
2,4-Dinitrotoluene	2019-05	ug/L		<10.1														
2,4-Dinitrotoluene	2021-10	ug/L																
2,4-Dinitrotoluene	2021-12	ug/L	<10.5															
2,4-Dinitrotoluene	2022-10	ug/L			<8.77													
2,4-Dinitrotoluene	2024-04	ug/L		<10.2														
2,6-Dichlorophenol	2009-03	ug/L																
2,6-Dichlorophenol	2009-06	ug/L																
2,6-Dichlorophenol	2009-09	ug/L																
2,6-Dichlorophenol	2009-12	ug/L																
2,6-Dichlorophenol	2010-03	ug/L																
2,6-Dichlorophenol	2010-06	ug/L																
2,6-Dichlorophenol	2010-08	ug/L																
2,6-Dichlorophenol	2010-09	ug/L																
2,6-Dichlorophenol	2010-12	ug/L																
2,6-Dichlorophenol	2011-03	ug/L																
2,6-Dichlorophenol	2011-06	ug/L																
2,6-Dichlorophenol	2011-09	ug/L																
2,6-Dichlorophenol	2011-12	ug/L																
2,6-Dichlorophenol	2012-03	ug/L																
2,6-Dichlorophenol	2014-12	ug/L																
2,6-Dichlorophenol	2016-10	ug/L									<10.4					<10.3	<10.2	
2,6-Dichlorophenol	2017-10	ug/L																
2,6-Dichlorophenol	2017-12	ug/L			<10.4													
2,6-Dichlorophenol	2018-07	ug/L								<10.1								
2,6-Dichlorophenol	2018-10	ug/L								<10.3								
2,6-Dichlorophenol	2019-05	ug/L		<10.1														
2,6-Dichlorophenol	2021-10	ug/L																
2,6-Dichlorophenol	2021-12	ug/L	<10.5															
2,6-Dichlorophenol	2022-10	ug/L			<8.77													
2,6-Dichlorophenol	2024-04	ug/L		<10.2														
2,6-Dinitrotoluene	2009-03	ug/L																
2,6-Dinitrotoluene	2009-06	ug/L																
2,6-Dinitrotoluene	2009-09	ug/L																
2,6-Dinitrotoluene	2009-12	ug/L																
2,6-Dinitrotoluene	2010-03	ug/L																
2,6-Dinitrotoluene	2010-06	ug/L																
2,6-Dinitrotoluene	2010-08	ug/L																
2,6-Dinitrotoluene	2010-09	ug/L																
2,6-Dinitrotoluene	2010-12	ug/L																
2,6-Dinitrotoluene	2011-03	ug/L																
2,6-Dinitrotoluene	2011-06	ug/L																
2,6-Dinitrotoluene	2011-09	ug/L																
2,6-Dinitrotoluene	2011-12	ug/L																
2,6-Dinitrotoluene	2012-03	ug/L																
2,6-Dinitrotoluene	2014-12	ug/L																
2,6-Dinitrotoluene	2016-10	ug/L									<10.4					<10.3	<10.2	
2,6-Dinitrotoluene	2017-10	ug/L																
2,6-Dinitrotoluene	2017-12	ug/L			<10.4													
2,6-Dinitrotoluene	2018-07	ug/L								<10.1								
2,6-Dinitrotoluene	2018-10	ug/L								<10.3								
2,6-Dinitrotoluene	2019-05	ug/L		<10.1														
2,6-Dinitrotoluene	2021-10	ug/L																

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
2,6-Dinitrotoluene	2021-12	ug/L																
2,6-Dinitrotoluene	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
2,6-Dinitrotoluene	2024-04	ug/L											<10.6					
2-Acetylaminofluorene	2009-03	ug/L						~~< 10~~	~~< 10~~	~~< 10~~								
2-Acetylaminofluorene	2009-06	ug/L					~~< 10.0~~	~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10~~			~~< 10.0~~				
2-Acetylaminofluorene	2009-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
2-Acetylaminofluorene	2009-12	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
2-Acetylaminofluorene	2010-03	ug/L					~~< 10.0~~				~~< 10.0~~			~~< 10.0~~				
2-Acetylaminofluorene	2010-06	ug/L										~~< 10.0~~						
2-Acetylaminofluorene	2010-08	ug/L										~~< 10.0~~	~~< 10.0~~					
2-Acetylaminofluorene	2010-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~				
2-Acetylaminofluorene	2010-12	ug/L										~~< 10.0~~						
2-Acetylaminofluorene	2011-03	ug/L											~~< 10.0~~		~~< 10.0~~			
2-Acetylaminofluorene	2011-06	ug/L											~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
2-Acetylaminofluorene	2011-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
2-Acetylaminofluorene	2011-12	ug/L													~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
2-Acetylaminofluorene	2012-03	ug/L														~~< 10.0~~	~~< 10.0~~	
2-Acetylaminofluorene	2014-12	ug/L															~~< 10.2~~	
2-Acetylaminofluorene	2016-10	ug/L							<10	<10	<10.9					<11.2	<11.1	
2-Acetylaminofluorene	2017-10	ug/L						<10.5										
2-Acetylaminofluorene	2017-12	ug/L					<10.6					<10.4						<10.4
2-Acetylaminofluorene	2018-07	ug/L											<10.4					
2-Acetylaminofluorene	2018-10	ug/L											<10.4					
2-Acetylaminofluorene	2019-05	ug/L																
2-Acetylaminofluorene	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
2-Acetylaminofluorene	2021-12	ug/L																
2-Acetylaminofluorene	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
2-Acetylaminofluorene	2024-04	ug/L											<10.6					
2-Butanone	2008-01	ug/L					~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~			
2-Butanone	2008-03	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			
2-Butanone	2008-08	ug/L					~~< 10~~	~~< 10~~	~~< 10~~	~~**1.22**~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~			
2-Butanone	2008-09	ug/L					~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~			
2-Butanone	2008-10	ug/L					~~< 10~~	~~< 10~~	~~< 10~~	~~**2.16**~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~			
2-Butanone	2009-03	ug/L					~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~			
2-Butanone	2009-06	ug/L					~~< 50.0~~	~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10~~			~~< 10.0~~				
2-Butanone	2009-09	ug/L					~~< 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~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
2-Butanone	2010-03	ug/L					~~< 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~~	~~< 10.0~~	~~< 10.0~~
2-Butanone	2010-08	ug/L										~~< 10.0~~	~~< 10.0~~			~~< 10.0~~	~~< 10.0~~	~~< 10.0~~
2-Butanone	2010-09	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	2010-12	ug/L										~~< 10.0~~				~~< 10.0~~	~~< 10.0~~	~~< 10.0~~
2-Butanone	2011-03	ug/L		~~< 10.0~~			~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 100~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~
2-Butanone	2011-04	ug/L					~~< 10.0~~		~~< 10.0~~	~~< 100~~	~~< 10.0~~						~~< 10.0~~	
2-Butanone	2011-06	ug/L		~~< 10.0~~									~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
2-Butanone	2011-07	ug/L	~~< 10.0~~															
2-Butanone	2011-08	ug/L		~~< 10.0~~														
2-Butanone	2011-09	ug/L	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 100~~	~~< 10.0~~	~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~
2-Butanone	2011-12	ug/L	~~< 10.0~~	~~< 10.0~~											~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
2-Butanone	2012-03	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~~	~~< 10.0~~	~~< 10.0~~
2-Butanone	2012-06	ug/L																
2-Butanone	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-Butanone	2013-03	ug/L	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 100~~	~~< 10.0~~	~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~
2-Butanone	2013-06	ug/L																
2-Butanone	2013-09	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~~	~~< 10.0~~
2-Butanone	2013-11	ug/L																
2-Butanone	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~~	~~< 10.0~~	~~< 10.0~~
2-Butanone	2014-06	ug/L																

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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
2,6-Dinitrotoluene	2021-12	ug/L	<10.5															
2,6-Dinitrotoluene	2022-10	ug/L			<8.77													
2,6-Dinitrotoluene	2024-04	ug/L		<10.2														
2-Acetylaminofluorene	2009-03	ug/L																
2-Acetylaminofluorene	2009-06	ug/L																
2-Acetylaminofluorene	2009-09	ug/L																
2-Acetylaminofluorene	2009-12	ug/L																
2-Acetylaminofluorene	2010-03	ug/L																
2-Acetylaminofluorene	2010-06	ug/L																
2-Acetylaminofluorene	2010-08	ug/L																
2-Acetylaminofluorene	2010-09	ug/L																
2-Acetylaminofluorene	2010-12	ug/L																
2-Acetylaminofluorene	2011-03	ug/L																
2-Acetylaminofluorene	2011-06	ug/L																
2-Acetylaminofluorene	2011-09	ug/L																
2-Acetylaminofluorene	2011-12	ug/L																
2-Acetylaminofluorene	2012-03	ug/L																
2-Acetylaminofluorene	2014-12	ug/L																
2-Acetylaminofluorene	2016-10	ug/L									<10.4					<10.3	<10.2	
2-Acetylaminofluorene	2017-10	ug/L																
2-Acetylaminofluorene	2017-12	ug/L			<10.4													
2-Acetylaminofluorene	2018-07	ug/L								<10.1								
2-Acetylaminofluorene	2018-10	ug/L								<10.3								
2-Acetylaminofluorene	2019-05	ug/L		<10.1														
2-Acetylaminofluorene	2021-10	ug/L																
2-Acetylaminofluorene	2021-12	ug/L	<10.5															
2-Acetylaminofluorene	2022-10	ug/L			<8.77													
2-Acetylaminofluorene	2024-04	ug/L		<10.2														
2-Butanone	2008-01	ug/L																
2-Butanone	2008-03	ug/L																
2-Butanone	2008-08	ug/L																
2-Butanone	2008-09	ug/L																
2-Butanone	2008-10	ug/L																
2-Butanone	2009-03	ug/L																
2-Butanone	2009-06	ug/L																
2-Butanone	2009-09	ug/L																
2-Butanone	2009-12	ug/L																
2-Butanone	2010-03	ug/L																
2-Butanone	2010-06	ug/L	~~< 10.0~~	~~< 10.0~~														
2-Butanone	2010-08	ug/L	~~< 10.0~~	~~< 10.0~~														
2-Butanone	2010-09	ug/L	~~< 10.0~~	~~< 10.0~~														
2-Butanone	2010-12	ug/L	~~< 10.0~~	~~< 10.0~~														
2-Butanone	2011-03	ug/L	~~< 10.0~~	~~< 10.0~~														
2-Butanone	2011-04	ug/L																
2-Butanone	2011-06	ug/L																
2-Butanone	2011-07	ug/L																
2-Butanone	2011-08	ug/L																
2-Butanone	2011-09	ug/L	~~< 10.0~~	~~< 10.0~~														
2-Butanone	2011-12	ug/L																
2-Butanone	2012-03	ug/L	~~< 10.0~~	~~< 10.0~~														
2-Butanone	2012-06	ug/L									~~< 10.0~~	~~< 10.0~~		~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	
2-Butanone	2012-10	ug/L																
2-Butanone	2013-03	ug/L	~~< 10.0~~								~~< 10.0~~							
2-Butanone	2013-06	ug/L			~~< 10.0~~													
2-Butanone	2013-09	ug/L	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~						~~< 10.0~~							
2-Butanone	2013-11	ug/L			~~< 10.0~~													
2-Butanone	2014-03	ug/L	~~< 10.0~~		~~< 10.0~~						~~< 10.0~~							
2-Butanone	2014-06	ug/L		~~< 10.0~~	~~< 10.0~~													

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
2-Butanone	2014-09	ug/L	~~< 10~~	~~< 10~~			~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10~~
2-Butanone	2014-12	ug/L															~~< 10.0~~	
2-Butanone	2015-04	ug/L	**3.30**	< 10			< 10	< 10.0	< 10	< 10	~~< 10 o~~	< 10.0	**0.472**			< 10.0	< 10	**12.4**
2-Butanone	2015-10	ug/L	<10	<10			<10	<10	<10	<10	<10	<10				<10	<10	<10
2-Butanone	2016-04	ug/L	<10	<10			<10	<10	<10	<10	**1.94 J**	<10	<10			<10	<10	<10
2-Butanone	2016-10	ug/L	<10	<10			<10	<10	<10	<10	<10	<10	<10			<10	<10	<10
2-Butanone	2017-03	ug/L	**2.69 J**	<10			<10	<10	<10	<10	<10	<10	<10			<10	<10	<10
2-Butanone	2017-10	ug/L	**3.38 J**	<10			<10	<10	<10	**2.1 J**	<10	<10				<10	<10	<10
2-Butanone	2017-12	ug/L					<10					<10						<10
2-Butanone	2018-04	ug/L	**2.39 J**	<10	<10		<10	<10	**1.13 J**	<10	**1.73 J**	<10	<10			<10	<10	<10
2-Butanone	2018-07	ug/L											<10					
2-Butanone	2018-10	ug/L	**2.37 J**	<10			<10	<10	<10	<10	<10	<10	<10			<10	<10	<10
2-Butanone	2019-01	ug/L																
2-Butanone	2019-03	ug/L	<10	<10			<10	<10	<10	<10	<10	<10	<10			<10	<10	<10
2-Butanone	2019-05	ug/L																
2-Butanone	2019-10	ug/L	<10	<10			<10	<10	<10	<10	<10	<10	<10			<10	<10	<10
2-Butanone	2020-03	ug/L	<10	<10			<10	<10	<10	<10	<10	<10	<10			<10	<10	<10
2-Butanone	2020-09	ug/L	<10	<10			<10	<10	<10	**2.76 J**	<10	<10	<10			<10	<10	<10
2-Butanone	2021-03	ug/L	<10	<10			<10	<10	<10	<10	<10	<10	<10			<10	<10	<10
2-Butanone	2021-05	ug/L																
2-Butanone	2021-08	ug/L																
2-Butanone	2021-10	ug/L	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10			<10	<10	<10
2-Butanone	2021-12	ug/L																
2-Butanone	2022-02	ug/L	<10		<10	<10												
2-Butanone	2022-04	ug/L	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	~~**3.85 Jo**~~			<10	<10	<10
2-Butanone	2022-07	ug/L			<10	<10												
2-Butanone	2022-10	ug/L	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				<10	<10	<10
2-Butanone	2023-04	ug/L	<10	<10		<10	<10	<10	<10	<10	<10	<10	<10			<10	<10	<10
2-Butanone	2023-05	ug/L			<10													
2-Butanone	2023-10	ug/L	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				<10	<10	<10
2-Butanone	2024-04	ug/L	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10			<10	<10	<10
2-Butanone	2024-09	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10			< 10	< 10	< 10
2-Butanone	2025-03	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10			< 10	< 10	< 10
2-Butanone	2025-08	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10			< 10	< 10	< 10
2-Chloronaphthalene	2009-03	ug/L						~~< 10~~	~~< 10~~	~~< 10~~								
2-Chloronaphthalene	2009-06	ug/L					~~< 10.0~~	~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10~~			~~< 10.0~~				
2-Chloronaphthalene	2009-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
2-Chloronaphthalene	2009-12	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
2-Chloronaphthalene	2010-03	ug/L					~~< 10.0~~				~~< 10.0~~			~~< 10.0~~				
2-Chloronaphthalene	2010-06	ug/L										~~< 10.0~~						
2-Chloronaphthalene	2010-08	ug/L										~~< 10.0~~	~~< 10.0~~					
2-Chloronaphthalene	2010-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~				
2-Chloronaphthalene	2010-12	ug/L										~~< 10.0~~						
2-Chloronaphthalene	2011-03	ug/L											~~< 10.0~~		~~< 10.0~~			
2-Chloronaphthalene	2011-06	ug/L											~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
2-Chloronaphthalene	2011-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
2-Chloronaphthalene	2011-12	ug/L													~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
2-Chloronaphthalene	2012-03	ug/L														~~< 10.0~~	~~< 10.0~~	
2-Chloronaphthalene	2014-12	ug/L															~~< 10.2~~	
2-Chloronaphthalene	2016-10	ug/L							<10	<10	<10.9					**0.539 J**	<11.1	
2-Chloronaphthalene	2017-10	ug/L						<10.5										
2-Chloronaphthalene	2017-12	ug/L					<10.6					<10.4						<10.4
2-Chloronaphthalene	2018-07	ug/L											<10.4					
2-Chloronaphthalene	2018-10	ug/L											<10.4					
2-Chloronaphthalene	2019-05	ug/L																
2-Chloronaphthalene	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
2-Chloronaphthalene	2021-12	ug/L																
2-Chloronaphthalene	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47

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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
2-Butanone	2014-09	ug/L	~~< 10~~	~~< 10~~	~~< 10~~						~~< 10~~							
2-Butanone	2014-12	ug/L																
2-Butanone	2015-04	ug/L	< 10.0	< 10.0	< 10.0						< 10							
2-Butanone	2015-10	ug/L	<10	<10	<10						<10					<10	<10	
2-Butanone	2016-04	ug/L	<10	<10	<10						<10					<10	<10	
2-Butanone	2016-10	ug/L	<10	<10	<10						<10					<10	<10	
2-Butanone	2017-03	ug/L	<10	<10	<10						<10					<10	<10	
2-Butanone	2017-10	ug/L	<10	<10	<10						<10					<10	<10	
2-Butanone	2017-12	ug/L			<10													
2-Butanone	2018-04	ug/L	<10	<10	<10						<10					<10	<10	
2-Butanone	2018-07	ug/L								~~4.61 Jo~~								
2-Butanone	2018-10	ug/L	<10	<10	<10					<10	<10					<10	<10	
2-Butanone	2019-01	ug/L								<10								
2-Butanone	2019-03	ug/L	<10	<10	<10					<10	<10					<10	<10	
2-Butanone	2019-05	ug/L		<10						<10								
2-Butanone	2019-10	ug/L	<10	<10	<10					<10	<10					<10	<10	
2-Butanone	2020-03	ug/L	<10	<10	<10					<10	<10					<10	<10	
2-Butanone	2020-09	ug/L	<10	<10	<10					<10	<10					<10	<10	
2-Butanone	2021-03	ug/L	<10	<10	<10			<10	<10	<10	<10					<10	<10	
2-Butanone	2021-05	ug/L	<10															
2-Butanone	2021-08	ug/L						<10	<10									
2-Butanone	2021-10	ug/L	<10	<10	<10			<10	<10	<10	<10							
2-Butanone	2021-12	ug/L	<10															
2-Butanone	2022-02	ug/L						<10	<10									
2-Butanone	2022-04	ug/L	<10	<10	<10			<10	<10	<10	<10							
2-Butanone	2022-07	ug/L																
2-Butanone	2022-10	ug/L	<10	<10	<10			<10	<10	<10	<10							
2-Butanone	2023-04	ug/L	<10	<10	<10			<10	<10	<10	<10							
2-Butanone	2023-05	ug/L																
2-Butanone	2023-10	ug/L	<10	<10	<10			<10	<10	<10	<10							
2-Butanone	2024-04	ug/L	<10	<10	<10			<10	<10	<10	<10							
2-Butanone	2024-09	ug/L	< 10	< 10	< 10			< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-Butanone	2025-03	ug/L	< 10	< 10	< 10			< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-Butanone	2025-08	ug/L	< 10	< 10	< 10			< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-Chloronaphthalene	2009-03	ug/L																
2-Chloronaphthalene	2009-06	ug/L																
2-Chloronaphthalene	2009-09	ug/L																
2-Chloronaphthalene	2009-12	ug/L																
2-Chloronaphthalene	2010-03	ug/L																
2-Chloronaphthalene	2010-06	ug/L																
2-Chloronaphthalene	2010-08	ug/L																
2-Chloronaphthalene	2010-09	ug/L																
2-Chloronaphthalene	2010-12	ug/L																
2-Chloronaphthalene	2011-03	ug/L																
2-Chloronaphthalene	2011-06	ug/L																
2-Chloronaphthalene	2011-09	ug/L																
2-Chloronaphthalene	2011-12	ug/L																
2-Chloronaphthalene	2012-03	ug/L																
2-Chloronaphthalene	2014-12	ug/L																
2-Chloronaphthalene	2016-10	ug/L									<10.4					<10.3	<10.2	
2-Chloronaphthalene	2017-10	ug/L																
2-Chloronaphthalene	2017-12	ug/L			<10.4													
2-Chloronaphthalene	2018-07	ug/L								<10.1								
2-Chloronaphthalene	2018-10	ug/L								<10.3								
2-Chloronaphthalene	2019-05	ug/L		<10.1														
2-Chloronaphthalene	2021-10	ug/L																
2-Chloronaphthalene	2021-12	ug/L	<10.5															
2-Chloronaphthalene	2022-10	ug/L			<8.77													

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
2-Chloronaphthalene	2024-04	ug/L											<10.6					
2-Chlorophenol	2009-03	ug/L						~~< 10~~	~~< 10~~	~~< 10~~								
2-Chlorophenol	2009-06	ug/L					~~< 10.0~~	~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10~~			~~< 10.0~~				
2-Chlorophenol	2009-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
2-Chlorophenol	2009-12	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
2-Chlorophenol	2010-03	ug/L					~~< 10.0~~				~~< 10.0~~			~~< 10.0~~				
2-Chlorophenol	2010-06	ug/L										~~< 10.0~~						
2-Chlorophenol	2010-08	ug/L										~~< 10.0~~	~~< 10.0~~					
2-Chlorophenol	2010-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~				
2-Chlorophenol	2010-12	ug/L										~~< 10.0~~						
2-Chlorophenol	2011-03	ug/L											~~< 10.0~~		~~< 10.0~~			
2-Chlorophenol	2011-06	ug/L											~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
2-Chlorophenol	2011-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
2-Chlorophenol	2011-12	ug/L													~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
2-Chlorophenol	2012-03	ug/L														~~< 10.0~~	~~< 10.0~~	
2-Chlorophenol	2014-12	ug/L															~~< 10.2~~	
2-Chlorophenol	2016-10	ug/L							<10	<10	<10.9					<11.2	<11.1	
2-Chlorophenol	2017-10	ug/L						<10.5										
2-Chlorophenol	2017-12	ug/L					<10.6					<10.4						<10.4
2-Chlorophenol	2018-07	ug/L											<10.4					
2-Chlorophenol	2018-10	ug/L											<10.4					
2-Chlorophenol	2019-05	ug/L																
2-Chlorophenol	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
2-Chlorophenol	2021-12	ug/L																
2-Chlorophenol	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
2-Chlorophenol	2024-04	ug/L											<10.6					
2-Hexanone	2008-01	ug/L					~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~			
2-Hexanone	2008-03	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			
2-Hexanone	2008-08	ug/L					~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~			
2-Hexanone	2008-09	ug/L					~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~			
2-Hexanone	2008-10	ug/L					~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~			
2-Hexanone	2009-03	ug/L					~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~			
2-Hexanone	2009-06	ug/L					~~< 50.0~~	~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10~~			~~< 10.0~~				
2-Hexanone	2009-09	ug/L					~~< 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~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
2-Hexanone	2010-03	ug/L					~~< 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~~	~~< 10.0~~	~~< 10.0~~
2-Hexanone	2010-08	ug/L										~~< 10.0~~	~~< 10.0~~			~~< 10.0~~	~~< 10.0~~	~~< 10.0~~
2-Hexanone	2010-09	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	2010-12	ug/L										~~< 10.0~~				~~< 10.0~~	~~< 10.0~~	~~< 10.0~~
2-Hexanone	2011-03	ug/L		~~< 10.0~~			~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 100~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~
2-Hexanone	2011-04	ug/L					~~< 10.0~~		~~< 10.0~~	~~< 100~~	~~< 10.0~~						~~< 10.0~~	
2-Hexanone	2011-06	ug/L		~~< 10.0~~									~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
2-Hexanone	2011-07	ug/L	~~< 10.0~~															
2-Hexanone	2011-08	ug/L		~~< 10.0~~														
2-Hexanone	2011-09	ug/L	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 100~~	~~< 10.0~~	~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~
2-Hexanone	2011-12	ug/L	~~< 10.0~~	~~< 10.0~~											~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
2-Hexanone	2012-03	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~~	~~< 10.0~~	~~< 10.0~~
2-Hexanone	2012-06	ug/L																
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	2013-03	ug/L	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 100~~	~~< 10.0~~	~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~
2-Hexanone	2013-06	ug/L																
2-Hexanone	2013-09	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~~	~~< 10.0~~
2-Hexanone	2013-11	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~~	~~< 10.0~~	~~< 10.0~~
2-Hexanone	2014-06	ug/L																
2-Hexanone	2014-09	ug/L	~~< 10~~	~~< 10~~			~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10~~
2-Hexanone	2014-12	ug/L															~~< 10.0~~	

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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
2-Chloronaphthalene	2024-04	ug/L		<10.2														
2-Chlorophenol	2009-03	ug/L																
2-Chlorophenol	2009-06	ug/L																
2-Chlorophenol	2009-09	ug/L																
2-Chlorophenol	2009-12	ug/L																
2-Chlorophenol	2010-03	ug/L																
2-Chlorophenol	2010-06	ug/L																
2-Chlorophenol	2010-08	ug/L																
2-Chlorophenol	2010-09	ug/L																
2-Chlorophenol	2010-12	ug/L																
2-Chlorophenol	2011-03	ug/L																
2-Chlorophenol	2011-06	ug/L																
2-Chlorophenol	2011-09	ug/L																
2-Chlorophenol	2011-12	ug/L																
2-Chlorophenol	2012-03	ug/L																
2-Chlorophenol	2014-12	ug/L																
2-Chlorophenol	2016-10	ug/L									<10.4					<10.3	<10.2	
2-Chlorophenol	2017-10	ug/L																
2-Chlorophenol	2017-12	ug/L			<10.4													
2-Chlorophenol	2018-07	ug/L								<10.1								
2-Chlorophenol	2018-10	ug/L								<10.3								
2-Chlorophenol	2019-05	ug/L		<10.1														
2-Chlorophenol	2021-10	ug/L																
2-Chlorophenol	2021-12	ug/L	<10.5															
2-Chlorophenol	2022-10	ug/L			<8.77													
2-Chlorophenol	2024-04	ug/L		<10.2														
2-Hexanone	2008-01	ug/L																
2-Hexanone	2008-03	ug/L																
2-Hexanone	2008-08	ug/L																
2-Hexanone	2008-09	ug/L																
2-Hexanone	2008-10	ug/L																
2-Hexanone	2009-03	ug/L																
2-Hexanone	2009-06	ug/L																
2-Hexanone	2009-09	ug/L																
2-Hexanone	2009-12	ug/L																
2-Hexanone	2010-03	ug/L																
2-Hexanone	2010-06	ug/L	~~< 10.0~~	~~< 10.0~~														
2-Hexanone	2010-08	ug/L	~~< 10.0~~	~~< 10.0~~														
2-Hexanone	2010-09	ug/L	~~< 10.0~~	~~< 10.0~~														
2-Hexanone	2010-12	ug/L	~~< 10.0~~	~~< 10.0~~														
2-Hexanone	2011-03	ug/L	~~< 10.0~~	~~< 10.0~~														
2-Hexanone	2011-04	ug/L																
2-Hexanone	2011-06	ug/L																
2-Hexanone	2011-07	ug/L																
2-Hexanone	2011-08	ug/L																
2-Hexanone	2011-09	ug/L	~~< 10.0~~	~~< 10.0~~														
2-Hexanone	2011-12	ug/L																
2-Hexanone	2012-03	ug/L	~~< 10.0~~	~~< 10.0~~														
2-Hexanone	2012-06	ug/L									~~< 10.0~~	~~< 10.0~~		~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	
2-Hexanone	2012-10	ug/L																
2-Hexanone	2013-03	ug/L	~~< 10.0~~								~~< 10.0~~							
2-Hexanone	2013-06	ug/L			~~< 10.0~~													
2-Hexanone	2013-09	ug/L	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~						~~< 10.0~~							
2-Hexanone	2013-11	ug/L			~~< 10.0~~													
2-Hexanone	2014-03	ug/L	~~< 10.0~~		~~< 10.0~~						~~< 10.0~~							
2-Hexanone	2014-06	ug/L		~~< 10.0~~	~~< 10.0~~													
2-Hexanone	2014-09	ug/L	~~< 10~~	~~< 10~~	~~< 10~~						~~< 10~~							
2-Hexanone	2014-12	ug/L																

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
2-Hexanone	2015-04	ug/L	< 10.0	< 10			< 10	< 10.0	< 10	< 10	< 10	< 10.0	< 10.0			< 10.0	< 10	**2.02**
2-Hexanone	2015-10	ug/L	<10	<10			<10	<10	<10	<10	<10	<10				<10	<10	<10
2-Hexanone	2016-04	ug/L	<10	<10			<10	<10	<10	<10	<10	<10	<10			<10	<10	<10
2-Hexanone	2016-10	ug/L	<10	<10			<10	<10	<10	<10	<10	<10	<10			<10	<10	<10
2-Hexanone	2017-03	ug/L	<10	<10			<10	<10	<10	<10	<10	<10	<10			<10	<10	<10
2-Hexanone	2017-10	ug/L	<10	<10			<10	<10	<10	<10	<10	<10				<10	<10	<10
2-Hexanone	2017-12	ug/L					<10					<10						<10
2-Hexanone	2018-04	ug/L	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10			<10	<10	<10
2-Hexanone	2018-07	ug/L											<10					
2-Hexanone	2018-10	ug/L	<10	<10			<10	<10	<10	<10	<10	<10	<10			<10	<10	<10
2-Hexanone	2019-01	ug/L																
2-Hexanone	2019-03	ug/L	<10	<10			<10	<10	<10	<10	<10	<10	<10			<10	<10	<10
2-Hexanone	2019-05	ug/L																
2-Hexanone	2019-10	ug/L	<10	<10			<10	<10	<10	<10	<10	<10	<10			<10	<10	<10
2-Hexanone	2020-03	ug/L	<10	<10			<10	<10	<10	<10	<10	<10	<10			<10	<10	<10
2-Hexanone	2020-09	ug/L	<10	<10			<10	<10	<10	<10	<10	<10	<10			<10	<10	<10
2-Hexanone	2021-03	ug/L	<10	<10			<10	<10	<10	<10	<10	<10	<10			<10	<10	<10
2-Hexanone	2021-05	ug/L																
2-Hexanone	2021-08	ug/L																
2-Hexanone	2021-10	ug/L	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10			<10	<10	<10
2-Hexanone	2021-12	ug/L																
2-Hexanone	2022-02	ug/L	<10		<10	<10												
2-Hexanone	2022-04	ug/L	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10			<10	<10	<10
2-Hexanone	2022-07	ug/L			<10	<10												
2-Hexanone	2022-10	ug/L	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				<10	<10	<10
2-Hexanone	2023-04	ug/L	<10	<10		<10	<10	<10	<10	<10	<10	<10	<10			<10	<10	<10
2-Hexanone	2023-05	ug/L			<10													
2-Hexanone	2023-10	ug/L	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				<10	<10	<10
2-Hexanone	2024-04	ug/L	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10			<10	<10	<10
2-Hexanone	2024-09	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10			< 10	< 10	< 10
2-Hexanone	2025-03	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10			< 10	< 10	< 10
2-Hexanone	2025-08	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10			< 10	< 10	< 10
2-Methylnaphthalene	2009-03	ug/L						~~< 10~~	~~< 10~~	~~< 10~~								
2-Methylnaphthalene	2009-06	ug/L					~~< 10.0~~	~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10~~			~~< 10.0~~				
2-Methylnaphthalene	2009-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
2-Methylnaphthalene	2009-12	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
2-Methylnaphthalene	2010-03	ug/L					~~< 10.0~~				~~< 10.0~~			~~< 10.0~~				
2-Methylnaphthalene	2010-06	ug/L										~~< 10.0~~						
2-Methylnaphthalene	2010-08	ug/L										~~< 10.0~~	~~< 10.0~~					
2-Methylnaphthalene	2010-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~				
2-Methylnaphthalene	2010-12	ug/L										~~< 10.0~~						
2-Methylnaphthalene	2011-03	ug/L											~~< 10.0~~		~~< 10.0~~			
2-Methylnaphthalene	2011-06	ug/L											~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
2-Methylnaphthalene	2011-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
2-Methylnaphthalene	2011-12	ug/L													~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
2-Methylnaphthalene	2012-03	ug/L														~~< 10.0~~	~~< 10.0~~	
2-Methylnaphthalene	2014-12	ug/L															~~< 10.2~~	
2-Methylnaphthalene	2016-10	ug/L							<10	<10	<10.9					<11.2	<11.1	
2-Methylnaphthalene	2017-10	ug/L						<10.5										
2-Methylnaphthalene	2017-12	ug/L					<10.6					<10.4						<10.4
2-Methylnaphthalene	2018-07	ug/L											<10.4					
2-Methylnaphthalene	2018-10	ug/L											<10.4					
2-Methylnaphthalene	2019-05	ug/L																
2-Methylnaphthalene	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
2-Methylnaphthalene	2021-12	ug/L																
2-Methylnaphthalene	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
2-Methylnaphthalene	2024-04	ug/L											<10.6					
2-Methylphenol	2009-03	ug/L						~~< 10~~	~~< 10~~	~~< 10~~								

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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
2-Hexanone	2015-04	ug/L	< 10.0	< 10.0	< 10.0						< 10							
2-Hexanone	2015-10	ug/L	<10	<10	<10						<10					<10	<10	
2-Hexanone	2016-04	ug/L	<10	<10	<10						<10					<10	<10	
2-Hexanone	2016-10	ug/L	<10	<10	<10						<10					<10	<10	
2-Hexanone	2017-03	ug/L	<10	<10	<10						<10					<10	<10	
2-Hexanone	2017-10	ug/L	<10	<10	<10						<10					<10	<10	
2-Hexanone	2017-12	ug/L			<10													
2-Hexanone	2018-04	ug/L	<10	<10	<10						<10					<10	<10	
2-Hexanone	2018-07	ug/L								<10								
2-Hexanone	2018-10	ug/L	<10	<10	<10					<10	<10					<10	<10	
2-Hexanone	2019-01	ug/L								<10								
2-Hexanone	2019-03	ug/L	<10	<10	<10					<10	<10					<10	<10	
2-Hexanone	2019-05	ug/L		<10						<10								
2-Hexanone	2019-10	ug/L	<10	<10	<10					<10	<10					<10	<10	
2-Hexanone	2020-03	ug/L	<10	<10	<10					<10	<10					<10	<10	
2-Hexanone	2020-09	ug/L	<10	<10	<10					<10	<10					<10	<10	
2-Hexanone	2021-03	ug/L	<10	<10	<10			<10	<10	<10	<10					<10	<10	
2-Hexanone	2021-05	ug/L	<10															
2-Hexanone	2021-08	ug/L						<10	<10									
2-Hexanone	2021-10	ug/L	<10	<10	<10			<10	<10	<10	<10							
2-Hexanone	2021-12	ug/L	<10															
2-Hexanone	2022-02	ug/L						<10	<10									
2-Hexanone	2022-04	ug/L	<10	<10	<10			<10	<10	<10	<10							
2-Hexanone	2022-07	ug/L																
2-Hexanone	2022-10	ug/L	<10	<10	<10			<10	<10	<10	<10							
2-Hexanone	2023-04	ug/L	<10	<10	<10			<10	<10	<10	<10							
2-Hexanone	2023-05	ug/L																
2-Hexanone	2023-10	ug/L	<10	<10	<10			<10	<10	<10	<10							
2-Hexanone	2024-04	ug/L	<10	<10	<10			<10	<10	<10	<10							
2-Hexanone	2024-09	ug/L	< 10	< 10	< 10			< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-Hexanone	2025-03	ug/L	< 10	< 10	< 10			< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-Hexanone	2025-08	ug/L	< 10	< 10	< 10			< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2-Methylnaphthalene	2009-03	ug/L																
2-Methylnaphthalene	2009-06	ug/L																
2-Methylnaphthalene	2009-09	ug/L																
2-Methylnaphthalene	2009-12	ug/L																
2-Methylnaphthalene	2010-03	ug/L																
2-Methylnaphthalene	2010-06	ug/L																
2-Methylnaphthalene	2010-08	ug/L																
2-Methylnaphthalene	2010-09	ug/L																
2-Methylnaphthalene	2010-12	ug/L																
2-Methylnaphthalene	2011-03	ug/L																
2-Methylnaphthalene	2011-06	ug/L																
2-Methylnaphthalene	2011-09	ug/L																
2-Methylnaphthalene	2011-12	ug/L																
2-Methylnaphthalene	2012-03	ug/L																
2-Methylnaphthalene	2014-12	ug/L																
2-Methylnaphthalene	2016-10	ug/L									<10.4					<10.3	<10.2	
2-Methylnaphthalene	2017-10	ug/L																
2-Methylnaphthalene	2017-12	ug/L			<10.4													
2-Methylnaphthalene	2018-07	ug/L								<10.1								
2-Methylnaphthalene	2018-10	ug/L								<10.3								
2-Methylnaphthalene	2019-05	ug/L		<10.1														
2-Methylnaphthalene	2021-10	ug/L																
2-Methylnaphthalene	2021-12	ug/L	<10.5															
2-Methylnaphthalene	2022-10	ug/L			<8.77													
2-Methylnaphthalene	2024-04	ug/L		<10.2														
2-Methylphenol	2009-03	ug/L																

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
2-Methylphenol	2009-06	ug/L					~~< 10.0~~	~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10~~			~~< 10.0~~				
2-Methylphenol	2009-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
2-Methylphenol	2009-12	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
2-Methylphenol	2010-03	ug/L					~~< 10.0~~				~~< 10.0~~			~~< 10.0~~				
2-Methylphenol	2010-06	ug/L										~~< 10.0~~						
2-Methylphenol	2010-08	ug/L										~~< 10.0~~	~~< 10.0~~					
2-Methylphenol	2010-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~				
2-Methylphenol	2010-12	ug/L										~~< 10.0~~						
2-Methylphenol	2011-03	ug/L											~~< 10.0~~		~~< 10.0~~			
2-Methylphenol	2011-06	ug/L											~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
2-Methylphenol	2011-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
2-Methylphenol	2011-12	ug/L													~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
2-Methylphenol	2012-03	ug/L														~~< 10.0~~	~~< 10.0~~	
2-Methylphenol	2014-12	ug/L															~~< 10.2~~	
2-Methylphenol	2016-10	ug/L							<10	<10	<10.9					<11.2	<11.1	
2-Methylphenol	2017-10	ug/L						<10.5										
2-Methylphenol	2017-12	ug/L					<10.6					<10.4						<10.4
2-Methylphenol	2018-07	ug/L											<10.4					
2-Methylphenol	2018-10	ug/L											<10.4					
2-Methylphenol	2019-05	ug/L																
2-Methylphenol	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
2-Methylphenol	2021-12	ug/L																
2-Methylphenol	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
2-Methylphenol	2024-04	ug/L											<10.6					
2-Naphthylamine	2009-03	ug/L						~~< 10~~	~~< 10~~	~~< 10~~								
2-Naphthylamine	2009-06	ug/L					~~< 10.0~~	~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10~~			~~< 10.0~~				
2-Naphthylamine	2009-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
2-Naphthylamine	2009-12	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
2-Naphthylamine	2010-03	ug/L					~~< 10.0~~				~~< 10.0~~			~~< 10.0~~				
2-Naphthylamine	2010-06	ug/L										~~< 10.0~~						
2-Naphthylamine	2010-08	ug/L										~~< 10.0~~	~~< 10.0~~					
2-Naphthylamine	2010-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~				
2-Naphthylamine	2010-12	ug/L										~~< 10.0~~						
2-Naphthylamine	2011-03	ug/L											~~< 10.0~~		~~< 10.0~~			
2-Naphthylamine	2011-06	ug/L											~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
2-Naphthylamine	2011-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
2-Naphthylamine	2011-12	ug/L													~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
2-Naphthylamine	2012-03	ug/L														~~< 10.0~~	~~< 10.0~~	
2-Naphthylamine	2014-12	ug/L															~~< 10.2~~	
2-Naphthylamine	2016-10	ug/L							<10	<10	<10.9					<11.2	<11.1	
2-Naphthylamine	2017-10	ug/L						<10.5										
2-Naphthylamine	2017-12	ug/L					<10.6					<10.4						<10.4
2-Naphthylamine	2018-07	ug/L											<10.4					
2-Naphthylamine	2018-10	ug/L											<10.4					
2-Naphthylamine	2019-05	ug/L																
2-Naphthylamine	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
2-Naphthylamine	2021-12	ug/L																
2-Naphthylamine	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
2-Naphthylamine	2024-04	ug/L											<10.6					
2-Nitroaniline	2009-03	ug/L						~~< 10~~	~~< 10~~	~~< 10~~								
2-Nitroaniline	2009-06	ug/L					~~< 10.0~~	~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10~~			~~< 10.0~~				
2-Nitroaniline	2009-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
2-Nitroaniline	2009-12	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
2-Nitroaniline	2010-03	ug/L					~~< 10.0~~				~~< 10.0~~			~~< 10.0~~				
2-Nitroaniline	2010-06	ug/L										~~< 10.0~~						
2-Nitroaniline	2010-08	ug/L										~~< 10.0~~	~~< 10.0~~					
2-Nitroaniline	2010-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~				
2-Nitroaniline	2010-12	ug/L										~~< 10.0~~						

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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
2-Methylphenol	2009-06	ug/L																
2-Methylphenol	2009-09	ug/L																
2-Methylphenol	2009-12	ug/L																
2-Methylphenol	2010-03	ug/L																
2-Methylphenol	2010-06	ug/L																
2-Methylphenol	2010-08	ug/L																
2-Methylphenol	2010-09	ug/L																
2-Methylphenol	2010-12	ug/L																
2-Methylphenol	2011-03	ug/L																
2-Methylphenol	2011-06	ug/L																
2-Methylphenol	2011-09	ug/L																
2-Methylphenol	2011-12	ug/L																
2-Methylphenol	2012-03	ug/L																
2-Methylphenol	2014-12	ug/L																
2-Methylphenol	2016-10	ug/L									<10.4					<10.3	<10.2	
2-Methylphenol	2017-10	ug/L																
2-Methylphenol	2017-12	ug/L			<10.4													
2-Methylphenol	2018-07	ug/L								<10.1								
2-Methylphenol	2018-10	ug/L								<10.3								
2-Methylphenol	2019-05	ug/L		<10.1														
2-Methylphenol	2021-10	ug/L																
2-Methylphenol	2021-12	ug/L	<10.5															
2-Methylphenol	2022-10	ug/L			<8.77													
2-Methylphenol	2024-04	ug/L		<10.2														
2-Naphthylamine	2009-03	ug/L																
2-Naphthylamine	2009-06	ug/L																
2-Naphthylamine	2009-09	ug/L																
2-Naphthylamine	2009-12	ug/L																
2-Naphthylamine	2010-03	ug/L																
2-Naphthylamine	2010-06	ug/L																
2-Naphthylamine	2010-08	ug/L																
2-Naphthylamine	2010-09	ug/L																
2-Naphthylamine	2010-12	ug/L																
2-Naphthylamine	2011-03	ug/L																
2-Naphthylamine	2011-06	ug/L																
2-Naphthylamine	2011-09	ug/L																
2-Naphthylamine	2011-12	ug/L																
2-Naphthylamine	2012-03	ug/L																
2-Naphthylamine	2014-12	ug/L																
2-Naphthylamine	2016-10	ug/L									<10.4					<10.3	<10.2	
2-Naphthylamine	2017-10	ug/L																
2-Naphthylamine	2017-12	ug/L			<10.4													
2-Naphthylamine	2018-07	ug/L								<10.1								
2-Naphthylamine	2018-10	ug/L								<10.3								
2-Naphthylamine	2019-05	ug/L		<10.1														
2-Naphthylamine	2021-10	ug/L																
2-Naphthylamine	2021-12	ug/L	<10.5															
2-Naphthylamine	2022-10	ug/L			<8.77													
2-Naphthylamine	2024-04	ug/L		<10.2														
2-Nitroaniline	2009-03	ug/L																
2-Nitroaniline	2009-06	ug/L																
2-Nitroaniline	2009-09	ug/L																
2-Nitroaniline	2009-12	ug/L																
2-Nitroaniline	2010-03	ug/L																
2-Nitroaniline	2010-06	ug/L																
2-Nitroaniline	2010-08	ug/L																
2-Nitroaniline	2010-09	ug/L																
2-Nitroaniline	2010-12	ug/L																

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
2-Nitroaniline	2011-03	ug/L											~~< 10.0~~		~~< 10.0~~			
2-Nitroaniline	2011-06	ug/L											~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
2-Nitroaniline	2011-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
2-Nitroaniline	2011-12	ug/L													~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
2-Nitroaniline	2012-03	ug/L														~~< 10.0~~	~~< 10.0~~	
2-Nitroaniline	2014-12	ug/L															~~< 10.2~~	
2-Nitroaniline	2016-10	ug/L							<10	<10	<10.9					<11.2	<11.1	
2-Nitroaniline	2017-10	ug/L						<10.5										
2-Nitroaniline	2017-12	ug/L					<10.6					<10.4						<10.4
2-Nitroaniline	2018-07	ug/L											<10.4					
2-Nitroaniline	2018-10	ug/L											<10.4					
2-Nitroaniline	2019-05	ug/L																
2-Nitroaniline	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
2-Nitroaniline	2021-12	ug/L																
2-Nitroaniline	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
2-Nitroaniline	2024-04	ug/L											<10.6					
2-Nitrophenol	2009-03	ug/L						~~< 10~~	~~< 10~~	~~< 10~~								
2-Nitrophenol	2009-06	ug/L					~~< 10.0~~	~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10~~			~~< 10.0~~				
2-Nitrophenol	2009-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
2-Nitrophenol	2009-12	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
2-Nitrophenol	2010-03	ug/L					~~< 10.0~~				~~< 10.0~~			~~< 10.0~~				
2-Nitrophenol	2010-06	ug/L										~~< 10.0~~						
2-Nitrophenol	2010-08	ug/L										~~< 10.0~~	~~< 10.0~~					
2-Nitrophenol	2010-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~				
2-Nitrophenol	2010-12	ug/L										~~< 10.0~~						
2-Nitrophenol	2011-03	ug/L											~~< 10.0~~		~~< 10.0~~			
2-Nitrophenol	2011-06	ug/L											~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
2-Nitrophenol	2011-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
2-Nitrophenol	2011-12	ug/L													~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
2-Nitrophenol	2012-03	ug/L														~~< 10.0~~	~~< 10.0~~	
2-Nitrophenol	2014-12	ug/L															~~< 10.2~~	
2-Nitrophenol	2016-10	ug/L							<10	<10	<10.9					<11.2	<11.1	
2-Nitrophenol	2017-10	ug/L						<10.5										
2-Nitrophenol	2017-12	ug/L					<10.6					<10.4						<10.4
2-Nitrophenol	2018-07	ug/L											<10.4					
2-Nitrophenol	2018-10	ug/L											<10.4					
2-Nitrophenol	2019-05	ug/L																
2-Nitrophenol	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
2-Nitrophenol	2021-12	ug/L																
2-Nitrophenol	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
2-Nitrophenol	2024-04	ug/L											<10.6					
3,3-Dichlorobenzidine	2009-03	ug/L						~~< 85~~	~~< 85~~	~~< 85~~								
3,3-Dichlorobenzidine	2009-06	ug/L					~~< 10.0~~	~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10~~			~~< 10.0~~				
3,3-Dichlorobenzidine	2009-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
3,3-Dichlorobenzidine	2009-12	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
3,3-Dichlorobenzidine	2010-03	ug/L					~~< 10.0~~				~~< 10.0~~			~~< 10.0~~				
3,3-Dichlorobenzidine	2010-06	ug/L										~~< 10.0~~						
3,3-Dichlorobenzidine	2010-08	ug/L										~~< 10.0~~	~~< 10.0~~					
3,3-Dichlorobenzidine	2010-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~				
3,3-Dichlorobenzidine	2010-12	ug/L										~~< 10.0~~						
3,3-Dichlorobenzidine	2011-03	ug/L											~~< 10.0~~		~~< 10.0~~			
3,3-Dichlorobenzidine	2011-06	ug/L											~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
3,3-Dichlorobenzidine	2011-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
3,3-Dichlorobenzidine	2011-12	ug/L													~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
3,3-Dichlorobenzidine	2012-03	ug/L														~~< 10.0~~	~~< 10.0~~	
3,3-Dichlorobenzidine	2014-12	ug/L															~~< 51.0~~	
3,3-Dichlorobenzidine	2016-10	ug/L							<50	<50	<54.3					<56.2	<55.6	
3,3-Dichlorobenzidine	2017-10	ug/L						<52.6										

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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
2-Nitroaniline	2011-03	ug/L																
2-Nitroaniline	2011-06	ug/L																
2-Nitroaniline	2011-09	ug/L																
2-Nitroaniline	2011-12	ug/L																
2-Nitroaniline	2012-03	ug/L																
2-Nitroaniline	2014-12	ug/L																
2-Nitroaniline	2016-10	ug/L									<10.4					<10.3	<10.2	
2-Nitroaniline	2017-10	ug/L																
2-Nitroaniline	2017-12	ug/L			<10.4													
2-Nitroaniline	2018-07	ug/L								<10.1								
2-Nitroaniline	2018-10	ug/L								<10.3								
2-Nitroaniline	2019-05	ug/L		<10.1														
2-Nitroaniline	2021-10	ug/L																
2-Nitroaniline	2021-12	ug/L	<10.5															
2-Nitroaniline	2022-10	ug/L			<8.77													
2-Nitroaniline	2024-04	ug/L		<10.2														
2-Nitrophenol	2009-03	ug/L																
2-Nitrophenol	2009-06	ug/L																
2-Nitrophenol	2009-09	ug/L																
2-Nitrophenol	2009-12	ug/L																
2-Nitrophenol	2010-03	ug/L																
2-Nitrophenol	2010-06	ug/L																
2-Nitrophenol	2010-08	ug/L																
2-Nitrophenol	2010-09	ug/L																
2-Nitrophenol	2010-12	ug/L																
2-Nitrophenol	2011-03	ug/L																
2-Nitrophenol	2011-06	ug/L																
2-Nitrophenol	2011-09	ug/L																
2-Nitrophenol	2011-12	ug/L																
2-Nitrophenol	2012-03	ug/L																
2-Nitrophenol	2014-12	ug/L																
2-Nitrophenol	2016-10	ug/L									<10.4					<10.3	<10.2	
2-Nitrophenol	2017-10	ug/L																
2-Nitrophenol	2017-12	ug/L			<10.4													
2-Nitrophenol	2018-07	ug/L								<10.1								
2-Nitrophenol	2018-10	ug/L								<10.3								
2-Nitrophenol	2019-05	ug/L		<10.1														
2-Nitrophenol	2021-10	ug/L																
2-Nitrophenol	2021-12	ug/L	<10.5															
2-Nitrophenol	2022-10	ug/L			<8.77													
2-Nitrophenol	2024-04	ug/L		<10.2														
3,3-Dichlorobenzidine	2009-03	ug/L																
3,3-Dichlorobenzidine	2009-06	ug/L																
3,3-Dichlorobenzidine	2009-09	ug/L																
3,3-Dichlorobenzidine	2009-12	ug/L																
3,3-Dichlorobenzidine	2010-03	ug/L																
3,3-Dichlorobenzidine	2010-06	ug/L																
3,3-Dichlorobenzidine	2010-08	ug/L																
3,3-Dichlorobenzidine	2010-09	ug/L																
3,3-Dichlorobenzidine	2010-12	ug/L																
3,3-Dichlorobenzidine	2011-03	ug/L																
3,3-Dichlorobenzidine	2011-06	ug/L																
3,3-Dichlorobenzidine	2011-09	ug/L																
3,3-Dichlorobenzidine	2011-12	ug/L																
3,3-Dichlorobenzidine	2012-03	ug/L																
3,3-Dichlorobenzidine	2014-12	ug/L																
3,3-Dichlorobenzidine	2016-10	ug/L									<52.1					<51.5	<51	
3,3-Dichlorobenzidine	2017-10	ug/L																

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
3,3-Dichlorobenzidine	2017-12	ug/L					<53.2					<52.1						<52.1
3,3-Dichlorobenzidine	2018-07	ug/L											<10.4					
3,3-Dichlorobenzidine	2018-10	ug/L											<10.4					
3,3-Dichlorobenzidine	2019-05	ug/L																
3,3-Dichlorobenzidine	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
3,3-Dichlorobenzidine	2021-12	ug/L																
3,3-Dichlorobenzidine	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
3,3-Dichlorobenzidine	2024-04	ug/L											<10.6					
3,3-Dimethylbenzidine	2009-03	ug/L						~~< 20~~	~~< 20~~	~~< 20~~								
3,3-Dimethylbenzidine	2009-06	ug/L					~~< 20.0~~	~~< 20~~	~~< 20~~	~~< 20.0~~	~~< 20~~			~~< 20.0~~				
3,3-Dimethylbenzidine	2009-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
3,3-Dimethylbenzidine	2009-12	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
3,3-Dimethylbenzidine	2010-03	ug/L					~~< 10.0~~				~~< 10.0~~			~~< 10.0~~				
3,3-Dimethylbenzidine	2010-06	ug/L										~~< 10.0~~						
3,3-Dimethylbenzidine	2010-08	ug/L										~~< 10.0~~	~~< 10.0~~					
3,3-Dimethylbenzidine	2010-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~				
3,3-Dimethylbenzidine	2010-12	ug/L										~~< 10.0~~						
3,3-Dimethylbenzidine	2011-03	ug/L											~~< 10.0~~		~~< 10.0~~			
3,3-Dimethylbenzidine	2011-06	ug/L											~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
3,3-Dimethylbenzidine	2011-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
3,3-Dimethylbenzidine	2011-12	ug/L													~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
3,3-Dimethylbenzidine	2012-03	ug/L														~~< 10.0~~	~~< 10.0~~	
3,3-Dimethylbenzidine	2014-12	ug/L															~~< 10.2~~	
3,3-Dimethylbenzidine	2016-10	ug/L							<10	<10	<10.9					<11.2	<11.1	
3,3-Dimethylbenzidine	2017-10	ug/L						<10.5										
3,3-Dimethylbenzidine	2017-12	ug/L					<10.6					<10.4						<10.4
3,3-Dimethylbenzidine	2018-07	ug/L											<10.4					
3,3-Dimethylbenzidine	2018-10	ug/L											<10.4					
3,3-Dimethylbenzidine	2019-05	ug/L																
3,3-Dimethylbenzidine	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
3,3-Dimethylbenzidine	2021-12	ug/L																
3,3-Dimethylbenzidine	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
3,3-Dimethylbenzidine	2024-04	ug/L											<10.6					
3-Methylcholanthrene	2009-03	ug/L						~~< 10~~	~~< 10~~	~~< 10~~								
3-Methylcholanthrene	2009-06	ug/L					~~< 10.0~~	~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10~~			~~< 10.0~~				
3-Methylcholanthrene	2009-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
3-Methylcholanthrene	2009-12	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
3-Methylcholanthrene	2010-03	ug/L					~~< 10.0~~				~~< 10.0~~			~~< 10.0~~				
3-Methylcholanthrene	2010-06	ug/L										~~< 10.0~~						
3-Methylcholanthrene	2010-08	ug/L										~~< 10.0~~	~~< 10.0~~					
3-Methylcholanthrene	2010-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~				
3-Methylcholanthrene	2010-12	ug/L										~~< 10.0~~						
3-Methylcholanthrene	2011-03	ug/L											~~< 10.0~~		~~< 10.0~~			
3-Methylcholanthrene	2011-06	ug/L											~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
3-Methylcholanthrene	2011-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
3-Methylcholanthrene	2011-12	ug/L													~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
3-Methylcholanthrene	2012-03	ug/L														~~< 10.0~~	~~< 10.0~~	
3-Methylcholanthrene	2014-12	ug/L															~~< 10.2~~	
3-Methylcholanthrene	2016-10	ug/L							<10	<10	<10.9					<11.2	<11.1	
3-Methylcholanthrene	2017-10	ug/L						<10.5										
3-Methylcholanthrene	2017-12	ug/L					<10.6					<10.4						<10.4
3-Methylcholanthrene	2018-07	ug/L											<10.4					
3-Methylcholanthrene	2018-10	ug/L											<10.4					
3-Methylcholanthrene	2019-05	ug/L																
3-Methylcholanthrene	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
3-Methylcholanthrene	2021-12	ug/L																
3-Methylcholanthrene	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
3-Methylcholanthrene	2024-04	ug/L											<10.6					

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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
3,3-Dichlorobenzidine	2017-12	ug/L			<52.1													
3,3-Dichlorobenzidine	2018-07	ug/L								<10.1								
3,3-Dichlorobenzidine	2018-10	ug/L								<10.3								
3,3-Dichlorobenzidine	2019-05	ug/L		<10.1														
3,3-Dichlorobenzidine	2021-10	ug/L																
3,3-Dichlorobenzidine	2021-12	ug/L	<10.5															
3,3-Dichlorobenzidine	2022-10	ug/L			<8.77													
3,3-Dichlorobenzidine	2024-04	ug/L		<10.2														
3,3-Dimethylbenzidine	2009-03	ug/L																
3,3-Dimethylbenzidine	2009-06	ug/L																
3,3-Dimethylbenzidine	2009-09	ug/L																
3,3-Dimethylbenzidine	2009-12	ug/L																
3,3-Dimethylbenzidine	2010-03	ug/L																
3,3-Dimethylbenzidine	2010-06	ug/L																
3,3-Dimethylbenzidine	2010-08	ug/L																
3,3-Dimethylbenzidine	2010-09	ug/L																
3,3-Dimethylbenzidine	2010-12	ug/L																
3,3-Dimethylbenzidine	2011-03	ug/L																
3,3-Dimethylbenzidine	2011-06	ug/L																
3,3-Dimethylbenzidine	2011-09	ug/L																
3,3-Dimethylbenzidine	2011-12	ug/L																
3,3-Dimethylbenzidine	2012-03	ug/L																
3,3-Dimethylbenzidine	2014-12	ug/L																
3,3-Dimethylbenzidine	2016-10	ug/L									<10.4					<10.3	<10.2	
3,3-Dimethylbenzidine	2017-10	ug/L																
3,3-Dimethylbenzidine	2017-12	ug/L			<10.4													
3,3-Dimethylbenzidine	2018-07	ug/L								<10.1								
3,3-Dimethylbenzidine	2018-10	ug/L								<10.3								
3,3-Dimethylbenzidine	2019-05	ug/L		<10.1														
3,3-Dimethylbenzidine	2021-10	ug/L																
3,3-Dimethylbenzidine	2021-12	ug/L	<10.5															
3,3-Dimethylbenzidine	2022-10	ug/L			<8.77													
3,3-Dimethylbenzidine	2024-04	ug/L		<10.2														
3-Methylcholanthrene	2009-03	ug/L																
3-Methylcholanthrene	2009-06	ug/L																
3-Methylcholanthrene	2009-09	ug/L																
3-Methylcholanthrene	2009-12	ug/L																
3-Methylcholanthrene	2010-03	ug/L																
3-Methylcholanthrene	2010-06	ug/L																
3-Methylcholanthrene	2010-08	ug/L																
3-Methylcholanthrene	2010-09	ug/L																
3-Methylcholanthrene	2010-12	ug/L																
3-Methylcholanthrene	2011-03	ug/L																
3-Methylcholanthrene	2011-06	ug/L																
3-Methylcholanthrene	2011-09	ug/L																
3-Methylcholanthrene	2011-12	ug/L																
3-Methylcholanthrene	2012-03	ug/L																
3-Methylcholanthrene	2014-12	ug/L																
3-Methylcholanthrene	2016-10	ug/L									<10.4					<10.3	<10.2	
3-Methylcholanthrene	2017-10	ug/L																
3-Methylcholanthrene	2017-12	ug/L			<10.4													
3-Methylcholanthrene	2018-07	ug/L								<10.1								
3-Methylcholanthrene	2018-10	ug/L								<10.3								
3-Methylcholanthrene	2019-05	ug/L		<10.1														
3-Methylcholanthrene	2021-10	ug/L																
3-Methylcholanthrene	2021-12	ug/L	<10.5															
3-Methylcholanthrene	2022-10	ug/L			<8.77													
3-Methylcholanthrene	2024-04	ug/L		<10.2														

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
3-Nitroaniline	2009-03	ug/L						~~< 10~~	~~< 10~~	~~< 10~~								
3-Nitroaniline	2009-06	ug/L					~~< 10.0~~	~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10~~			~~< 10.0~~				
3-Nitroaniline	2009-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
3-Nitroaniline	2009-12	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
3-Nitroaniline	2010-03	ug/L					~~< 10.0~~				~~< 10.0~~			~~< 10.0~~				
3-Nitroaniline	2010-06	ug/L										~~< 10.0~~						
3-Nitroaniline	2010-08	ug/L										~~< 10.0~~	~~< 10.0~~					
3-Nitroaniline	2010-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~				
3-Nitroaniline	2010-12	ug/L										~~< 10.0~~						
3-Nitroaniline	2011-03	ug/L											~~< 10.0~~		~~< 10.0~~			
3-Nitroaniline	2011-06	ug/L											~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
3-Nitroaniline	2011-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
3-Nitroaniline	2011-12	ug/L													~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
3-Nitroaniline	2012-03	ug/L														~~< 10.0~~	~~< 10.0~~	
3-Nitroaniline	2014-12	ug/L															~~< 10.2~~	
3-Nitroaniline	2016-10	ug/L							<10	<10	<10.9					<11.2	<11.1	
3-Nitroaniline	2017-10	ug/L						<10.5										
3-Nitroaniline	2017-12	ug/L					<10.6					<10.4						<10.4
3-Nitroaniline	2018-07	ug/L											<10.4					
3-Nitroaniline	2018-10	ug/L											<10.4					
3-Nitroaniline	2019-05	ug/L																
3-Nitroaniline	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
3-Nitroaniline	2021-12	ug/L																
3-Nitroaniline	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
3-Nitroaniline	2024-04	ug/L											<10.6					
4,4'-DDD	2009-03	ug/L						~~< 0.032~~	~~< 0.032~~	~~< 0.032~~								
4,4'-DDD	2009-06	ug/L					~~< 0.0320~~	~~< 0.032~~	~~< 0.032~~	~~< 0.0320~~	~~< 0.032~~			~~< 0.0320~~				
4,4'-DDD	2009-09	ug/L					~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~			~~< 0.0320~~				
4,4'-DDD	2009-12	ug/L					~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~			~~< 0.0320~~				
4,4'-DDD	2010-03	ug/L					~~< 0.0320~~				~~< 0.0320~~			~~< 0.0320~~				
4,4'-DDD	2010-06	ug/L										~~< 0.0320~~						
4,4'-DDD	2010-08	ug/L										~~< 0.0320~~	~~< 0.0320~~					
4,4'-DDD	2010-09	ug/L					~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~				
4,4'-DDD	2010-12	ug/L										~~< 0.0320~~						
4,4'-DDD	2011-03	ug/L						~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~			
4,4'-DDD	2011-06	ug/L											~~< 0.0320~~		~~< 0.0320~~	~~< 0.0392~~	~~< 0.0320~~	
4,4'-DDD	2011-09	ug/L					~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~		~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	
4,4'-DDD	2011-12	ug/L													~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	
4,4'-DDD	2012-03	ug/L														~~< 0.0320~~	~~< 0.0320~~	
4,4'-DDD	2014-12	ug/L															~~< 0.0352~~	
4,4'-DDD	2016-10	ug/L							<0.033	<0.032	<0.0344					<0.033	<0.033	
4,4'-DDD	2017-10	ug/L						**0.0112 J**										
4,4'-DDD	2017-12	ug/L					<0.0333					<0.0333						<0.0333
4,4'-DDD	2018-07	ug/L											**0.0044 J**					
4,4'-DDD	2018-10	ug/L											<0.033					
4,4'-DDD	2019-05	ug/L																
4,4'-DDD	2021-10	ug/L							<0.0337	<0.0337	<0.0337					<0.0337	<0.0337	
4,4'-DDD	2021-12	ug/L																
4,4'-DDD	2022-10	ug/L					<0.0542	<0.0561				<0.0542						<0.0582
4,4'-DDD	2023-04	ug/L									<0.064							
4,4'-DDD	2024-04	ug/L											<0.064					
4,4'-DDE	2009-03	ug/L						~~< 0.032~~	~~< 0.032~~	~~< 0.032~~								
4,4'-DDE	2009-06	ug/L					~~< 0.0320~~	~~< 0.032~~	~~< 0.032~~	~~< 0.0320~~	~~< 0.032~~			~~< 0.0320~~				
4,4'-DDE	2009-09	ug/L					~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~			~~< 0.0320~~				
4,4'-DDE	2009-12	ug/L					~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~			~~< 0.0320~~				
4,4'-DDE	2010-03	ug/L					~~< 0.0320~~				~~< 0.0320~~			~~< 0.0320~~				
4,4'-DDE	2010-06	ug/L										~~< 0.0320~~						
4,4'-DDE	2010-08	ug/L										~~< 0.0320~~	~~< 0.0320~~					

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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
3-Nitroaniline	2009-03	ug/L																
3-Nitroaniline	2009-06	ug/L																
3-Nitroaniline	2009-09	ug/L																
3-Nitroaniline	2009-12	ug/L																
3-Nitroaniline	2010-03	ug/L																
3-Nitroaniline	2010-06	ug/L																
3-Nitroaniline	2010-08	ug/L																
3-Nitroaniline	2010-09	ug/L																
3-Nitroaniline	2010-12	ug/L																
3-Nitroaniline	2011-03	ug/L																
3-Nitroaniline	2011-06	ug/L																
3-Nitroaniline	2011-09	ug/L																
3-Nitroaniline	2011-12	ug/L																
3-Nitroaniline	2012-03	ug/L																
3-Nitroaniline	2014-12	ug/L																
3-Nitroaniline	2016-10	ug/L									<10.4					<10.3	<10.2	
3-Nitroaniline	2017-10	ug/L																
3-Nitroaniline	2017-12	ug/L			<10.4													
3-Nitroaniline	2018-07	ug/L								<10.1								
3-Nitroaniline	2018-10	ug/L								<10.3								
3-Nitroaniline	2019-05	ug/L		<10.1														
3-Nitroaniline	2021-10	ug/L																
3-Nitroaniline	2021-12	ug/L	<10.5															
3-Nitroaniline	2022-10	ug/L			<8.77													
3-Nitroaniline	2024-04	ug/L		<10.2														
4,4'-DDD	2009-03	ug/L																
4,4'-DDD	2009-06	ug/L																
4,4'-DDD	2009-09	ug/L																
4,4'-DDD	2009-12	ug/L																
4,4'-DDD	2010-03	ug/L																
4,4'-DDD	2010-06	ug/L																
4,4'-DDD	2010-08	ug/L																
4,4'-DDD	2010-09	ug/L																
4,4'-DDD	2010-12	ug/L																
4,4'-DDD	2011-03	ug/L																
4,4'-DDD	2011-06	ug/L																
4,4'-DDD	2011-09	ug/L																
4,4'-DDD	2011-12	ug/L																
4,4'-DDD	2012-03	ug/L																
4,4'-DDD	2014-12	ug/L																
4,4'-DDD	2016-10	ug/L									<0.0333					<0.0333	<0.0333	
4,4'-DDD	2017-10	ug/L																
4,4'-DDD	2017-12	ug/L			<0.0333													
4,4'-DDD	2018-07	ug/L								<0.0323								
4,4'-DDD	2018-10	ug/L								<0.033								
4,4'-DDD	2019-05	ug/L		<0.0327														
4,4'-DDD	2021-10	ug/L																
4,4'-DDD	2021-12	ug/L	<0.0337															
4,4'-DDD	2022-10	ug/L			<0.0542													
4,4'-DDD	2023-04	ug/L	<0.064															
4,4'-DDD	2024-04	ug/L		<0.064														
4,4'-DDE	2009-03	ug/L																
4,4'-DDE	2009-06	ug/L																
4,4'-DDE	2009-09	ug/L																
4,4'-DDE	2009-12	ug/L																
4,4'-DDE	2010-03	ug/L																
4,4'-DDE	2010-06	ug/L																
4,4'-DDE	2010-08	ug/L																

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
4,4'-DDE	2010-09	ug/L					~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~				
4,4'-DDE	2010-12	ug/L										~~< 0.0320~~						
4,4'-DDE	2011-03	ug/L						~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~			
4,4'-DDE	2011-06	ug/L											~~< 0.0320~~		~~< 0.0320~~	~~< 0.0392~~	~~< 0.0320~~	
4,4'-DDE	2011-09	ug/L					~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~		~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	
4,4'-DDE	2011-12	ug/L													~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	
4,4'-DDE	2012-03	ug/L														~~< 0.0320~~	~~< 0.0320~~	
4,4'-DDE	2014-12	ug/L															~~< 0.0352~~	
4,4'-DDE	2016-10	ug/L							<0.033	<0.032	<0.0344					<0.033	<0.033	
4,4'-DDE	2017-10	ug/L						<0.0333										
4,4'-DDE	2017-12	ug/L					**0.0024 J**					<0.0333						<0.0333
4,4'-DDE	2018-07	ug/L											**0.00533 J**					
4,4'-DDE	2018-10	ug/L											**0.00364 J**					
4,4'-DDE	2019-05	ug/L																
4,4'-DDE	2021-10	ug/L							<0.0337	<0.0337	<0.0337					<0.0337	<0.0337	
4,4'-DDE	2021-12	ug/L																
4,4'-DDE	2022-10	ug/L					<0.0542	<0.0561				<0.0542						<0.0582
4,4'-DDE	2023-04	ug/L									<0.064							
4,4'-DDE	2024-04	ug/L											<0.064					
4,4'-DDT	2009-03	ug/L						~~< 0.032~~	~~< 0.032~~	~~< 0.032~~								
4,4'-DDT	2009-06	ug/L					~~< 0.0320~~	~~< 0.032~~	~~< 0.032~~	~~< 0.0320~~	~~< 0.032~~			~~< 0.0320~~				
4,4'-DDT	2009-09	ug/L					~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~			~~< 0.0320~~				
4,4'-DDT	2009-12	ug/L					~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~			~~< 0.0320~~				
4,4'-DDT	2010-03	ug/L					~~< 0.0320~~				~~< 0.0320~~			~~< 0.0320~~				
4,4'-DDT	2010-06	ug/L										~~< 0.0320~~						
4,4'-DDT	2010-08	ug/L										~~< 0.0320~~	~~< 0.0320~~					
4,4'-DDT	2010-09	ug/L					~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~				
4,4'-DDT	2010-12	ug/L										~~< 0.0320~~						
4,4'-DDT	2011-03	ug/L						~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~			
4,4'-DDT	2011-06	ug/L											~~< 0.0320~~		~~< 0.0320~~	~~< 0.0392~~	~~< 0.0320~~	
4,4'-DDT	2011-09	ug/L					~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~		~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	
4,4'-DDT	2011-12	ug/L													~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	
4,4'-DDT	2012-03	ug/L														~~< 0.0320~~	~~< 0.0320~~	
4,4'-DDT	2014-12	ug/L															~~< 0.0352~~	
4,4'-DDT	2016-10	ug/L							<0.033	<0.032	<0.0344					<0.033	<0.033	
4,4'-DDT	2017-10	ug/L						**0.0117 J**										
4,4'-DDT	2017-12	ug/L					<0.0333					**0.0137 J**						<0.0333
4,4'-DDT	2018-07	ug/L											**0.018 J**					
4,4'-DDT	2018-10	ug/L											**0.00901 J**					
4,4'-DDT	2019-05	ug/L																
4,4'-DDT	2021-10	ug/L							<0.0337	<0.0337	<0.0337					<0.0337	<0.0337	
4,4'-DDT	2021-12	ug/L																
4,4'-DDT	2022-10	ug/L					<0.0542	<0.0561				<0.0542						<0.0582
4,4'-DDT	2023-04	ug/L									<0.064							
4,4'-DDT	2023-06	ug/L																
4,4'-DDT	2024-04	ug/L											<0.064					
4,6-Dinitro-2-methylphenol	2009-03	ug/L						~~< 10~~	~~< 10~~	~~< 10~~								
4,6-Dinitro-2-methylphenol	2009-06	ug/L					~~< 10.0~~	~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10~~			~~< 10.0~~				
4,6-Dinitro-2-methylphenol	2009-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
4,6-Dinitro-2-methylphenol	2009-12	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
4,6-Dinitro-2-methylphenol	2010-03	ug/L					~~< 10.0~~				~~< 10.0~~			~~< 10.0~~				
4,6-Dinitro-2-methylphenol	2010-06	ug/L										~~< 10.0~~						
4,6-Dinitro-2-methylphenol	2010-08	ug/L										~~< 10.0~~	~~< 10.0~~					
4,6-Dinitro-2-methylphenol	2010-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~				
4,6-Dinitro-2-methylphenol	2010-12	ug/L										~~< 10.0~~						
4,6-Dinitro-2-methylphenol	2011-03	ug/L											~~< 10.0~~		~~< 10.0~~			
4,6-Dinitro-2-methylphenol	2011-06	ug/L											~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
4,6-Dinitro-2-methylphenol	2011-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	

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4,4'-DDE	2010-09	ug/L																
4,4'-DDE	2010-12	ug/L																
4,4'-DDE	2011-03	ug/L																
4,4'-DDE	2011-06	ug/L																
4,4'-DDE	2011-09	ug/L																
4,4'-DDE	2011-12	ug/L																
4,4'-DDE	2012-03	ug/L																
4,4'-DDE	2014-12	ug/L																
4,4'-DDE	2016-10	ug/L									<0.0333					<0.0333	<0.0333	
4,4'-DDE	2017-10	ug/L																
4,4'-DDE	2017-12	ug/L			<0.0333													
4,4'-DDE	2018-07	ug/L								<0.0323								
4,4'-DDE	2018-10	ug/L								<0.033								
4,4'-DDE	2019-05	ug/L		<0.0327														
4,4'-DDE	2021-10	ug/L																
4,4'-DDE	2021-12	ug/L	<0.0337															
4,4'-DDE	2022-10	ug/L			<0.0542													
4,4'-DDE	2023-04	ug/L	<0.064															
4,4'-DDE	2024-04	ug/L		<0.064														
4,4'-DDT	2009-03	ug/L																
4,4'-DDT	2009-06	ug/L																
4,4'-DDT	2009-09	ug/L																
4,4'-DDT	2009-12	ug/L																
4,4'-DDT	2010-03	ug/L																
4,4'-DDT	2010-06	ug/L																
4,4'-DDT	2010-08	ug/L																
4,4'-DDT	2010-09	ug/L																
4,4'-DDT	2010-12	ug/L																
4,4'-DDT	2011-03	ug/L																
4,4'-DDT	2011-06	ug/L																
4,4'-DDT	2011-09	ug/L																
4,4'-DDT	2011-12	ug/L																
4,4'-DDT	2012-03	ug/L																
4,4'-DDT	2014-12	ug/L																
4,4'-DDT	2016-10	ug/L									<0.0333					<0.0333	<0.0333	
4,4'-DDT	2017-10	ug/L																
4,4'-DDT	2017-12	ug/L			<0.0333													
4,4'-DDT	2018-07	ug/L								<0.0323								
4,4'-DDT	2018-10	ug/L								<0.033								
4,4'-DDT	2019-05	ug/L		<0.0327														
4,4'-DDT	2021-10	ug/L																
4,4'-DDT	2021-12	ug/L	<0.0337															
4,4'-DDT	2022-10	ug/L			<0.0542													
4,4'-DDT	2023-04	ug/L	**0.11**															
4,4'-DDT	2023-06	ug/L	<0.064															
4,4'-DDT	2024-04	ug/L		<0.064														
4,6-Dinitro-2-methylphenol	2009-03	ug/L																
4,6-Dinitro-2-methylphenol	2009-06	ug/L																
4,6-Dinitro-2-methylphenol	2009-09	ug/L																
4,6-Dinitro-2-methylphenol	2009-12	ug/L																
4,6-Dinitro-2-methylphenol	2010-03	ug/L																
4,6-Dinitro-2-methylphenol	2010-06	ug/L																
4,6-Dinitro-2-methylphenol	2010-08	ug/L																
4,6-Dinitro-2-methylphenol	2010-09	ug/L																
4,6-Dinitro-2-methylphenol	2010-12	ug/L																
4,6-Dinitro-2-methylphenol	2011-03	ug/L																
4,6-Dinitro-2-methylphenol	2011-06	ug/L																
4,6-Dinitro-2-methylphenol	2011-09	ug/L																

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
4,6-Dinitro-2-methylphenol	2011-12	ug/L													~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
4,6-Dinitro-2-methylphenol	2012-03	ug/L														~~< 10.0~~	~~< 10.0~~	
4,6-Dinitro-2-methylphenol	2014-12	ug/L															~~< 10.2~~	
4,6-Dinitro-2-methylphenol	2016-10	ug/L							<10	<10	<10.9					<11.2	<11.1	
4,6-Dinitro-2-methylphenol	2017-10	ug/L						<10.5										
4,6-Dinitro-2-methylphenol	2017-12	ug/L					<10.6					<10.4						<10.4
4,6-Dinitro-2-methylphenol	2018-07	ug/L											<10.4					
4,6-Dinitro-2-methylphenol	2018-10	ug/L											<10.4					
4,6-Dinitro-2-methylphenol	2019-05	ug/L																
4,6-Dinitro-2-methylphenol	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
4,6-Dinitro-2-methylphenol	2021-12	ug/L																
4,6-Dinitro-2-methylphenol	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
4,6-Dinitro-2-methylphenol	2024-04	ug/L											<10.6					
4-Aminobiphenyl	2009-03	ug/L						~~< 20~~	~~< 20~~	~~< 20~~								
4-Aminobiphenyl	2009-06	ug/L					~~< 20.0~~	~~< 20~~	~~< 20~~	~~< 20.0~~	~~< 20~~			~~< 20.0~~				
4-Aminobiphenyl	2009-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
4-Aminobiphenyl	2009-12	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
4-Aminobiphenyl	2010-03	ug/L					~~< 10.0~~				~~< 10.0~~			~~< 10.0~~				
4-Aminobiphenyl	2010-06	ug/L										~~< 10.0~~						
4-Aminobiphenyl	2010-08	ug/L										~~< 10.0~~	~~< 10.0~~					
4-Aminobiphenyl	2010-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~				
4-Aminobiphenyl	2010-12	ug/L										~~< 10.0~~						
4-Aminobiphenyl	2011-03	ug/L											~~< 10.0~~		~~< 10.0~~			
4-Aminobiphenyl	2011-06	ug/L											~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
4-Aminobiphenyl	2011-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
4-Aminobiphenyl	2011-12	ug/L													~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
4-Aminobiphenyl	2012-03	ug/L														~~< 10.0~~	~~< 10.0~~	
4-Aminobiphenyl	2014-12	ug/L															~~< 10.2~~	
4-Aminobiphenyl	2016-10	ug/L							<10	<10	<10.9					<11.2	<11.1	
4-Aminobiphenyl	2017-10	ug/L						<10.5										
4-Aminobiphenyl	2017-12	ug/L					<10.6					<10.4						<10.4
4-Aminobiphenyl	2018-07	ug/L											<10.4					
4-Aminobiphenyl	2018-10	ug/L											<10.4					
4-Aminobiphenyl	2019-05	ug/L																
4-Aminobiphenyl	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
4-Aminobiphenyl	2021-12	ug/L																
4-Aminobiphenyl	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
4-Aminobiphenyl	2024-04	ug/L											<10.6					
4-Bromophenyl Phenyl Ether	2009-03	ug/L						~~< 10~~	~~< 10~~	~~< 10~~								
4-Bromophenyl Phenyl Ether	2009-06	ug/L					~~< 10.0~~	~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10~~			~~< 10.0~~				
4-Bromophenyl Phenyl Ether	2009-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
4-Bromophenyl Phenyl Ether	2009-12	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
4-Bromophenyl Phenyl Ether	2010-03	ug/L					~~< 10.0~~				~~< 10.0~~			~~< 10.0~~				
4-Bromophenyl Phenyl Ether	2010-06	ug/L										~~< 10.0~~						
4-Bromophenyl Phenyl Ether	2010-08	ug/L										~~< 10.0~~	~~< 10.0~~					
4-Bromophenyl Phenyl Ether	2010-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~				
4-Bromophenyl Phenyl Ether	2010-12	ug/L										~~< 10.0~~						
4-Bromophenyl Phenyl Ether	2011-03	ug/L											~~< 10.0~~		~~< 10.0~~			
4-Bromophenyl Phenyl Ether	2011-06	ug/L											~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
4-Bromophenyl Phenyl Ether	2011-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
4-Bromophenyl Phenyl Ether	2011-12	ug/L													~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
4-Bromophenyl Phenyl Ether	2012-03	ug/L														~~< 10.0~~	~~< 10.0~~	
4-Bromophenyl Phenyl Ether	2014-12	ug/L															~~< 10.2~~	
4-Bromophenyl Phenyl Ether	2016-10	ug/L							<10	<10	<10.9					<11.2	<11.1	
4-Bromophenyl Phenyl Ether	2017-10	ug/L						<10.5										
4-Bromophenyl Phenyl Ether	2017-12	ug/L					<10.6					<10.4						<10.4
4-Bromophenyl Phenyl Ether	2018-07	ug/L											<10.4					
4-Bromophenyl Phenyl Ether	2018-10	ug/L											<10.4					

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Table 20
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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
4,6-Dinitro-2-methylphenol	2011-12	ug/L																
4,6-Dinitro-2-methylphenol	2012-03	ug/L																
4,6-Dinitro-2-methylphenol	2014-12	ug/L																
4,6-Dinitro-2-methylphenol	2016-10	ug/L									<10.4					<10.3	<10.2	
4,6-Dinitro-2-methylphenol	2017-10	ug/L																
4,6-Dinitro-2-methylphenol	2017-12	ug/L			<10.4													
4,6-Dinitro-2-methylphenol	2018-07	ug/L								<10.1								
4,6-Dinitro-2-methylphenol	2018-10	ug/L								<10.3								
4,6-Dinitro-2-methylphenol	2019-05	ug/L		<10.1														
4,6-Dinitro-2-methylphenol	2021-10	ug/L																
4,6-Dinitro-2-methylphenol	2021-12	ug/L	<10.5															
4,6-Dinitro-2-methylphenol	2022-10	ug/L			<8.77													
4,6-Dinitro-2-methylphenol	2024-04	ug/L		<10.2														
4-Aminobiphenyl	2009-03	ug/L																
4-Aminobiphenyl	2009-06	ug/L																
4-Aminobiphenyl	2009-09	ug/L																
4-Aminobiphenyl	2009-12	ug/L																
4-Aminobiphenyl	2010-03	ug/L																
4-Aminobiphenyl	2010-06	ug/L																
4-Aminobiphenyl	2010-08	ug/L																
4-Aminobiphenyl	2010-09	ug/L																
4-Aminobiphenyl	2010-12	ug/L																
4-Aminobiphenyl	2011-03	ug/L																
4-Aminobiphenyl	2011-06	ug/L																
4-Aminobiphenyl	2011-09	ug/L																
4-Aminobiphenyl	2011-12	ug/L																
4-Aminobiphenyl	2012-03	ug/L																
4-Aminobiphenyl	2014-12	ug/L																
4-Aminobiphenyl	2016-10	ug/L									<10.4					<10.3	<10.2	
4-Aminobiphenyl	2017-10	ug/L																
4-Aminobiphenyl	2017-12	ug/L			<10.4													
4-Aminobiphenyl	2018-07	ug/L								<10.1								
4-Aminobiphenyl	2018-10	ug/L								<10.3								
4-Aminobiphenyl	2019-05	ug/L		<10.1														
4-Aminobiphenyl	2021-10	ug/L																
4-Aminobiphenyl	2021-12	ug/L	<10.5															
4-Aminobiphenyl	2022-10	ug/L			<8.77													
4-Aminobiphenyl	2024-04	ug/L		<10.2														
4-Bromophenyl Phenyl Ether	2009-03	ug/L																
4-Bromophenyl Phenyl Ether	2009-06	ug/L																
4-Bromophenyl Phenyl Ether	2009-09	ug/L																
4-Bromophenyl Phenyl Ether	2009-12	ug/L																
4-Bromophenyl Phenyl Ether	2010-03	ug/L																
4-Bromophenyl Phenyl Ether	2010-06	ug/L																
4-Bromophenyl Phenyl Ether	2010-08	ug/L																
4-Bromophenyl Phenyl Ether	2010-09	ug/L																
4-Bromophenyl Phenyl Ether	2010-12	ug/L																
4-Bromophenyl Phenyl Ether	2011-03	ug/L																
4-Bromophenyl Phenyl Ether	2011-06	ug/L																
4-Bromophenyl Phenyl Ether	2011-09	ug/L																
4-Bromophenyl Phenyl Ether	2011-12	ug/L																
4-Bromophenyl Phenyl Ether	2012-03	ug/L																
4-Bromophenyl Phenyl Ether	2014-12	ug/L																
4-Bromophenyl Phenyl Ether	2016-10	ug/L									<10.4					<10.3	<10.2	
4-Bromophenyl Phenyl Ether	2017-10	ug/L																
4-Bromophenyl Phenyl Ether	2017-12	ug/L			<10.4													
4-Bromophenyl Phenyl Ether	2018-07	ug/L								<10.1								
4-Bromophenyl Phenyl Ether	2018-10	ug/L								<10.3								

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
4-Bromophenyl Phenyl Ether	2019-05	ug/L																
4-Bromophenyl Phenyl Ether	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
4-Bromophenyl Phenyl Ether	2021-12	ug/L																
4-Bromophenyl Phenyl Ether	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
4-Bromophenyl Phenyl Ether	2024-04	ug/L											<10.6					
4-Chloro-3-methylphenol	2009-03	ug/L						~~<10~~	~~<10~~	~~<10~~								
4-Chloro-3-methylphenol	2009-06	ug/L					~~<10.0~~	~~<10~~	~~<10~~	~~<10.0~~	~~<10~~			~~<10.0~~				
4-Chloro-3-methylphenol	2009-09	ug/L					~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~			~~<10.0~~				
4-Chloro-3-methylphenol	2009-12	ug/L					~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~			~~<10.0~~				
4-Chloro-3-methylphenol	2010-03	ug/L					~~<10.0~~				~~<10.0~~			~~<10.0~~				
4-Chloro-3-methylphenol	2010-06	ug/L										~~<10.0~~						
4-Chloro-3-methylphenol	2010-08	ug/L										~~<10.0~~	~~<10.0~~					
4-Chloro-3-methylphenol	2010-09	ug/L					~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~				
4-Chloro-3-methylphenol	2010-12	ug/L										~~<10.0~~						
4-Chloro-3-methylphenol	2011-03	ug/L											~~<10.0~~		~~<10.0~~			
4-Chloro-3-methylphenol	2011-06	ug/L											~~<10.0~~		~~<10.0~~	~~<10.0~~	~~<10.0~~	
4-Chloro-3-methylphenol	2011-09	ug/L					~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~		~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	
4-Chloro-3-methylphenol	2011-12	ug/L													~~<10.0~~	~~<10.0~~	~~<10.0~~	
4-Chloro-3-methylphenol	2012-03	ug/L														~~<10.0~~	~~<10.0~~	
4-Chloro-3-methylphenol	2014-12	ug/L															~~<10.2~~	
4-Chloro-3-methylphenol	2016-10	ug/L							<10	<10	<10.9					<11.2	<11.1	
4-Chloro-3-methylphenol	2017-10	ug/L						<10.5										
4-Chloro-3-methylphenol	2017-12	ug/L					<10.6					<10.4						<10.4
4-Chloro-3-methylphenol	2018-07	ug/L											<10.4					
4-Chloro-3-methylphenol	2018-10	ug/L											<10.4					
4-Chloro-3-methylphenol	2019-05	ug/L																
4-Chloro-3-methylphenol	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
4-Chloro-3-methylphenol	2021-12	ug/L																
4-Chloro-3-methylphenol	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
4-Chloro-3-methylphenol	2024-04	ug/L											<10.6					
4-Chloroaniline	2009-03	ug/L						~~<10~~	~~<10~~	~~<10~~								
4-Chloroaniline	2009-06	ug/L					~~<10.0~~	~~<10~~	~~<10~~	~~<10.0~~	~~<10~~			~~<10.0~~				
4-Chloroaniline	2009-09	ug/L					~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~			~~<10.0~~				
4-Chloroaniline	2009-12	ug/L					~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~			~~<10.0~~				
4-Chloroaniline	2010-03	ug/L					~~<10.0~~				~~<10.0~~			~~<10.0~~				
4-Chloroaniline	2010-06	ug/L										~~<10.0~~						
4-Chloroaniline	2010-08	ug/L										~~<10.0~~	~~<10.0~~					
4-Chloroaniline	2010-09	ug/L					~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~				
4-Chloroaniline	2010-12	ug/L										~~<10.0~~						
4-Chloroaniline	2011-03	ug/L											~~<10.0~~		~~<10.0~~			
4-Chloroaniline	2011-06	ug/L											~~<10.0~~		~~<10.0~~	~~<10.0~~	~~<10.0~~	
4-Chloroaniline	2011-09	ug/L					~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~		~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	
4-Chloroaniline	2011-12	ug/L													~~<10.0~~	~~<10.0~~	~~<10.0~~	
4-Chloroaniline	2012-03	ug/L														~~<10.0~~	~~<10.0~~	
4-Chloroaniline	2014-12	ug/L															~~<10.2~~	
4-Chloroaniline	2016-10	ug/L							<10	<10	<10.9					<11.2	<11.1	
4-Chloroaniline	2017-10	ug/L						<10.5										
4-Chloroaniline	2017-12	ug/L					<10.6					<10.4						<10.4
4-Chloroaniline	2018-07	ug/L											<10.4					
4-Chloroaniline	2018-10	ug/L											<10.4					
4-Chloroaniline	2019-05	ug/L																
4-Chloroaniline	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
4-Chloroaniline	2021-12	ug/L																
4-Chloroaniline	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
4-Chloroaniline	2024-04	ug/L											<10.6					
4-Chlorophenyl Phenyl Ether	2009-03	ug/L						~~<10~~	~~<10~~	~~<10~~								
4-Chlorophenyl Phenyl Ether	2009-06	ug/L					~~<10.0~~	~~<10~~	~~<10~~	~~<10.0~~	~~<10~~			~~<10.0~~				
4-Chlorophenyl Phenyl Ether	2009-09	ug/L					~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~			~~<10.0~~				

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Analytical Data Summary
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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
4-Bromophenyl Phenyl Ether	2019-05	ug/L		<10.1														
4-Bromophenyl Phenyl Ether	2021-10	ug/L																
4-Bromophenyl Phenyl Ether	2021-12	ug/L	<10.5															
4-Bromophenyl Phenyl Ether	2022-10	ug/L			<8.77													
4-Bromophenyl Phenyl Ether	2024-04	ug/L		<10.2														
4-Chloro-3-methylphenol	2009-03	ug/L																
4-Chloro-3-methylphenol	2009-06	ug/L																
4-Chloro-3-methylphenol	2009-09	ug/L																
4-Chloro-3-methylphenol	2009-12	ug/L																
4-Chloro-3-methylphenol	2010-03	ug/L																
4-Chloro-3-methylphenol	2010-06	ug/L																
4-Chloro-3-methylphenol	2010-08	ug/L																
4-Chloro-3-methylphenol	2010-09	ug/L																
4-Chloro-3-methylphenol	2010-12	ug/L																
4-Chloro-3-methylphenol	2011-03	ug/L																
4-Chloro-3-methylphenol	2011-06	ug/L																
4-Chloro-3-methylphenol	2011-09	ug/L																
4-Chloro-3-methylphenol	2011-12	ug/L																
4-Chloro-3-methylphenol	2012-03	ug/L																
4-Chloro-3-methylphenol	2014-12	ug/L																
4-Chloro-3-methylphenol	2016-10	ug/L									<10.4					<10.3	<10.2	
4-Chloro-3-methylphenol	2017-10	ug/L																
4-Chloro-3-methylphenol	2017-12	ug/L			<10.4													
4-Chloro-3-methylphenol	2018-07	ug/L								<10.1								
4-Chloro-3-methylphenol	2018-10	ug/L								<10.3								
4-Chloro-3-methylphenol	2019-05	ug/L		<10.1														
4-Chloro-3-methylphenol	2021-10	ug/L																
4-Chloro-3-methylphenol	2021-12	ug/L	<10.5															
4-Chloro-3-methylphenol	2022-10	ug/L			<8.77													
4-Chloro-3-methylphenol	2024-04	ug/L		<10.2														
4-Chloroaniline	2009-03	ug/L																
4-Chloroaniline	2009-06	ug/L																
4-Chloroaniline	2009-09	ug/L																
4-Chloroaniline	2009-12	ug/L																
4-Chloroaniline	2010-03	ug/L																
4-Chloroaniline	2010-06	ug/L																
4-Chloroaniline	2010-08	ug/L																
4-Chloroaniline	2010-09	ug/L																
4-Chloroaniline	2010-12	ug/L																
4-Chloroaniline	2011-03	ug/L																
4-Chloroaniline	2011-06	ug/L																
4-Chloroaniline	2011-09	ug/L																
4-Chloroaniline	2011-12	ug/L																
4-Chloroaniline	2012-03	ug/L																
4-Chloroaniline	2014-12	ug/L																
4-Chloroaniline	2016-10	ug/L									<10.4					<10.3	<10.2	
4-Chloroaniline	2017-10	ug/L																
4-Chloroaniline	2017-12	ug/L			<10.4													
4-Chloroaniline	2018-07	ug/L								<10.1								
4-Chloroaniline	2018-10	ug/L								<10.3								
4-Chloroaniline	2019-05	ug/L		<10.1														
4-Chloroaniline	2021-10	ug/L																
4-Chloroaniline	2021-12	ug/L	<10.5															
4-Chloroaniline	2022-10	ug/L			<8.77													
4-Chloroaniline	2024-04	ug/L		<10.2														
4-Chlorophenyl Phenyl Ether	2009-03	ug/L																
4-Chlorophenyl Phenyl Ether	2009-06	ug/L																
4-Chlorophenyl Phenyl Ether	2009-09	ug/L																

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
4-Chlorophenyl Phenyl Ether	2009-12	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
4-Chlorophenyl Phenyl Ether	2010-03	ug/L					~~< 10.0~~				~~< 10.0~~			~~< 10.0~~				
4-Chlorophenyl Phenyl Ether	2010-06	ug/L										~~< 10.0~~						
4-Chlorophenyl Phenyl Ether	2010-08	ug/L										~~< 10.0~~	~~< 10.0~~					
4-Chlorophenyl Phenyl Ether	2010-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~				
4-Chlorophenyl Phenyl Ether	2010-12	ug/L										~~< 10.0~~						
4-Chlorophenyl Phenyl Ether	2011-03	ug/L											~~< 10.0~~		~~< 10.0~~			
4-Chlorophenyl Phenyl Ether	2011-06	ug/L											~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
4-Chlorophenyl Phenyl Ether	2011-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
4-Chlorophenyl Phenyl Ether	2011-12	ug/L													~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
4-Chlorophenyl Phenyl Ether	2012-03	ug/L														~~< 10.0~~	~~< 10.0~~	
4-Chlorophenyl Phenyl Ether	2014-12	ug/L															~~< 10.2~~	
4-Chlorophenyl Phenyl Ether	2016-10	ug/L							<10	<10	<10.9					<11.2	<11.1	
4-Chlorophenyl Phenyl Ether	2017-10	ug/L						<10.5										
4-Chlorophenyl Phenyl Ether	2017-12	ug/L					<10.6					<10.4						<10.4
4-Chlorophenyl Phenyl Ether	2018-07	ug/L											<10.4					
4-Chlorophenyl Phenyl Ether	2018-10	ug/L											<10.4					
4-Chlorophenyl Phenyl Ether	2019-05	ug/L																
4-Chlorophenyl Phenyl Ether	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
4-Chlorophenyl Phenyl Ether	2021-12	ug/L																
4-Chlorophenyl Phenyl Ether	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
4-Chlorophenyl Phenyl Ether	2024-04	ug/L											<10.6					
4-Methyl-2-pentanone	2008-01	ug/L					~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~			
4-Methyl-2-pentanone	2008-03	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			
4-Methyl-2-pentanone	2008-08	ug/L					~~< 10~~	~~< 10~~	~~< 10~~	~~1.11~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~			
4-Methyl-2-pentanone	2008-09	ug/L					~~< 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~~			
4-Methyl-2-pentanone	2009-03	ug/L					~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~			
4-Methyl-2-pentanone	2009-06	ug/L					~~< 50.0~~	~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10~~			~~< 10.0~~				
4-Methyl-2-pentanone	2009-09	ug/L					~~< 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~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
4-Methyl-2-pentanone	2010-03	ug/L					~~< 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~~	~~< 10.0~~	~~< 10.0~~
4-Methyl-2-pentanone	2010-08	ug/L										~~< 10.0~~	~~< 10.0~~			~~< 10.0~~	~~< 10.0~~	~~< 10.0~~
4-Methyl-2-pentanone	2010-09	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	2010-12	ug/L										~~< 10.0~~				~~< 10.0~~	~~< 10.0~~	~~< 10.0~~
4-Methyl-2-pentanone	2011-03	ug/L		~~< 10.0~~			~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 100~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~
4-Methyl-2-pentanone	2011-04	ug/L					~~< 10.0~~		~~< 10.0~~	~~< 100~~	~~< 10.0~~						~~< 10.0~~	
4-Methyl-2-pentanone	2011-06	ug/L		~~< 10.0~~									~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
4-Methyl-2-pentanone	2011-07	ug/L	~~< 10.0~~															
4-Methyl-2-pentanone	2011-08	ug/L		~~< 10.0~~														
4-Methyl-2-pentanone	2011-09	ug/L	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 100~~	~~< 10.0~~	~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~
4-Methyl-2-pentanone	2011-12	ug/L	~~< 10.0~~	~~< 10.0~~											~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
4-Methyl-2-pentanone	2012-03	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~~	~~< 10.0~~	~~< 10.0~~
4-Methyl-2-pentanone	2012-06	ug/L																
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	2013-03	ug/L	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 100~~	~~< 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	2013-09	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~~	~~< 10.0~~
4-Methyl-2-pentanone	2013-11	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~~	~~< 10.0~~	~~< 10.0~~
4-Methyl-2-pentanone	2014-06	ug/L																
4-Methyl-2-pentanone	2014-09	ug/L	~~< 10~~	~~< 10~~			~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10~~
4-Methyl-2-pentanone	2014-12	ug/L															~~< 10.0~~	
4-Methyl-2-pentanone	2015-04	ug/L	< 10.0	< 10			< 10	< 10.0	< 10	< 10	< 10	< 10.0	< 10.0			< 10.0	< 10	< 10
4-Methyl-2-pentanone	2015-10	ug/L	<10	<10			<10	<10	<10	<10	<10	<10				<10	<10	<10
4-Methyl-2-pentanone	2016-04	ug/L	<10	<10			<10	<10	<10	<10	<10	<10	<10			<10	<10	<10
4-Methyl-2-pentanone	2016-10	ug/L	<10	<10			<10	<10	<10	<10	<10	<10	<10			<10	<10	<10

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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
4-Chlorophenyl Phenyl Ether	2009-12	ug/L																
4-Chlorophenyl Phenyl Ether	2010-03	ug/L																
4-Chlorophenyl Phenyl Ether	2010-06	ug/L																
4-Chlorophenyl Phenyl Ether	2010-08	ug/L																
4-Chlorophenyl Phenyl Ether	2010-09	ug/L																
4-Chlorophenyl Phenyl Ether	2010-12	ug/L																
4-Chlorophenyl Phenyl Ether	2011-03	ug/L																
4-Chlorophenyl Phenyl Ether	2011-06	ug/L																
4-Chlorophenyl Phenyl Ether	2011-09	ug/L																
4-Chlorophenyl Phenyl Ether	2011-12	ug/L																
4-Chlorophenyl Phenyl Ether	2012-03	ug/L																
4-Chlorophenyl Phenyl Ether	2014-12	ug/L																
4-Chlorophenyl Phenyl Ether	2016-10	ug/L									<10.4					<10.3	<10.2	
4-Chlorophenyl Phenyl Ether	2017-10	ug/L																
4-Chlorophenyl Phenyl Ether	2017-12	ug/L			<10.4													
4-Chlorophenyl Phenyl Ether	2018-07	ug/L								<10.1								
4-Chlorophenyl Phenyl Ether	2018-10	ug/L								<10.3								
4-Chlorophenyl Phenyl Ether	2019-05	ug/L		<10.1														
4-Chlorophenyl Phenyl Ether	2021-10	ug/L																
4-Chlorophenyl Phenyl Ether	2021-12	ug/L	<10.5															
4-Chlorophenyl Phenyl Ether	2022-10	ug/L			<8.77													
4-Chlorophenyl Phenyl Ether	2024-04	ug/L		<10.2														
4-Methyl-2-pentanone	2008-01	ug/L																
4-Methyl-2-pentanone	2008-03	ug/L																
4-Methyl-2-pentanone	2008-08	ug/L																
4-Methyl-2-pentanone	2008-09	ug/L																
4-Methyl-2-pentanone	2008-10	ug/L																
4-Methyl-2-pentanone	2009-03	ug/L																
4-Methyl-2-pentanone	2009-06	ug/L																
4-Methyl-2-pentanone	2009-09	ug/L																
4-Methyl-2-pentanone	2009-12	ug/L																
4-Methyl-2-pentanone	2010-03	ug/L																
4-Methyl-2-pentanone	2010-06	ug/L	~~< 10.0~~	~~< 10.0~~														
4-Methyl-2-pentanone	2010-08	ug/L	~~< 10.0~~	~~< 10.0~~														
4-Methyl-2-pentanone	2010-09	ug/L	~~< 10.0~~	~~< 10.0~~														
4-Methyl-2-pentanone	2010-12	ug/L	~~< 10.0~~	~~< 10.0~~														
4-Methyl-2-pentanone	2011-03	ug/L	~~< 10.0~~	~~< 10.0~~														
4-Methyl-2-pentanone	2011-04	ug/L																
4-Methyl-2-pentanone	2011-06	ug/L																
4-Methyl-2-pentanone	2011-07	ug/L																
4-Methyl-2-pentanone	2011-08	ug/L																
4-Methyl-2-pentanone	2011-09	ug/L	~~< 10.0~~	~~< 10.0~~														
4-Methyl-2-pentanone	2011-12	ug/L																
4-Methyl-2-pentanone	2012-03	ug/L	~~< 10.0~~	~~< 10.0~~														
4-Methyl-2-pentanone	2012-06	ug/L									~~< 10.0~~	~~< 10.0~~		~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	
4-Methyl-2-pentanone	2012-10	ug/L																
4-Methyl-2-pentanone	2013-03	ug/L	~~< 10.0~~								~~< 10.0~~							
4-Methyl-2-pentanone	2013-06	ug/L			~~< 10.0~~													
4-Methyl-2-pentanone	2013-09	ug/L	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~						~~< 10.0~~							
4-Methyl-2-pentanone	2013-11	ug/L			~~< 10.0~~													
4-Methyl-2-pentanone	2014-03	ug/L	~~< 10.0~~		~~< 10.0~~						~~< 10.0~~							
4-Methyl-2-pentanone	2014-06	ug/L		~~< 10.0~~	~~< 10.0~~													
4-Methyl-2-pentanone	2014-09	ug/L	~~< 10~~	~~< 10~~	~~< 10~~						~~< 10~~							
4-Methyl-2-pentanone	2014-12	ug/L																
4-Methyl-2-pentanone	2015-04	ug/L	< 10.0	**0.455**	< 10.0						< 10							
4-Methyl-2-pentanone	2015-10	ug/L	<10	<10	<10						<10					<10	<10	
4-Methyl-2-pentanone	2016-04	ug/L	<10	<10	<10						<10					<10	<10	
4-Methyl-2-pentanone	2016-10	ug/L	<10	<10	<10						<10					<10	<10	

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
4-Methyl-2-pentanone	2017-03	ug/L	<10	<10			<10	<10	<10	<10	<10	<10	<10			<10	<10	<10
4-Methyl-2-pentanone	2017-10	ug/L	<10	<10			<10	<10	<10	<10	<10	<10				<10	<10	<10
4-Methyl-2-pentanone	2017-10	ug/L						<10										
4-Methyl-2-pentanone	2017-12	ug/L					<10					<10						<10
4-Methyl-2-pentanone	2018-04	ug/L	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10			<10	<10	<10
4-Methyl-2-pentanone	2018-07	ug/L											<10					
4-Methyl-2-pentanone	2018-10	ug/L	<10	<10			<10	<10	<10	<10	<10	<10	<10			<10	<10	<10
4-Methyl-2-pentanone	2019-01	ug/L																
4-Methyl-2-pentanone	2019-03	ug/L	<10	<10			<10	<10	<10	<10	<10	<10	<10			<10	<10	<10
4-Methyl-2-pentanone	2019-05	ug/L																
4-Methyl-2-pentanone	2019-10	ug/L	<10	<10			<10	<10	<10	<10	<10	<10	<10			<10	<10	<10
4-Methyl-2-pentanone	2020-03	ug/L	<10	<10			<10	<10	<10	<10	<10	<10	<10			<10	<10	<10
4-Methyl-2-pentanone	2020-09	ug/L	<10	<10			<10	<10	<10	<10	<10	<10	<10			<10	<10	<10
4-Methyl-2-pentanone	2021-03	ug/L	<10	<10			<10	<10	<10	<10	<10	<10	<10			<10	<10	<10
4-Methyl-2-pentanone	2021-05	ug/L																
4-Methyl-2-pentanone	2021-08	ug/L																
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	2021-12	ug/L																
4-Methyl-2-pentanone	2022-02	ug/L	<10		<10	<10												
4-Methyl-2-pentanone	2022-04	ug/L	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10			<10	<10	<10
4-Methyl-2-pentanone	2022-07	ug/L			<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	2023-04	ug/L	<10	<10		<10	<10	<10	<10	<10	<10	<10	<10			<10	<10	<10
4-Methyl-2-pentanone	2023-05	ug/L			<10													
4-Methyl-2-pentanone	2023-10	ug/L	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				<10	<10	<10
4-Methyl-2-pentanone	2024-04	ug/L	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10			<10	<10	<10
4-Methyl-2-pentanone	2024-09	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10			< 10	< 10	< 10
4-Methyl-2-pentanone	2025-03	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10			< 10	< 10	< 10
4-Methyl-2-pentanone	2025-08	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10			< 10	< 10	< 10
4-Nitroaniline	2009-03	ug/L						~~< 10~~	~~< 10~~	~~< 10~~								
4-Nitroaniline	2009-06	ug/L					~~< 10.0~~	~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10~~			~~< 10.0~~				
4-Nitroaniline	2009-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
4-Nitroaniline	2009-12	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
4-Nitroaniline	2010-03	ug/L					~~< 10.0~~				~~< 10.0~~			~~< 10.0~~				
4-Nitroaniline	2010-06	ug/L										~~< 10.0~~						
4-Nitroaniline	2010-08	ug/L										~~< 10.0~~	~~< 10.0~~					
4-Nitroaniline	2010-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~				
4-Nitroaniline	2010-12	ug/L										~~< 10.0~~						
4-Nitroaniline	2011-03	ug/L											~~< 10.0~~		~~< 10.0~~			
4-Nitroaniline	2011-06	ug/L											~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
4-Nitroaniline	2011-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
4-Nitroaniline	2011-12	ug/L													~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
4-Nitroaniline	2012-03	ug/L														~~< 10.0~~	~~< 10.0~~	
4-Nitroaniline	2014-12	ug/L															~~< 10.2~~	
4-Nitroaniline	2016-10	ug/L							<10	<10	<10.9					<11.2	<11.1	
4-Nitroaniline	2017-10	ug/L						<10.5										
4-Nitroaniline	2017-12	ug/L					<10.6					<10.4						<10.4
4-Nitroaniline	2018-07	ug/L											<10.4					
4-Nitroaniline	2018-10	ug/L											<10.4					
4-Nitroaniline	2019-05	ug/L																
4-Nitroaniline	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
4-Nitroaniline	2021-12	ug/L																
4-Nitroaniline	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
4-Nitroaniline	2024-04	ug/L											<10.6					
4-Nitrophenol	2009-03	ug/L						~~< 10~~	~~< 10~~	~~< 10~~								
4-Nitrophenol	2009-06	ug/L					~~< 10.0~~	~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10~~			~~< 10.0~~				
4-Nitrophenol	2009-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
4-Nitrophenol	2009-12	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				

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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
4-Methyl-2-pentanone	2017-03	ug/L	<10	<10	<10						<10					<10	<10	
4-Methyl-2-pentanone	2017-10	ug/L	<10	<10	<10						<10					<10	<10	
4-Methyl-2-pentanone	2017-10	ug/L																
4-Methyl-2-pentanone	2017-12	ug/L			<10													
4-Methyl-2-pentanone	2018-04	ug/L	<10	<10	<10						<10					<10	<10	
4-Methyl-2-pentanone	2018-07	ug/L								<10								
4-Methyl-2-pentanone	2018-10	ug/L	<10	<10	<10					<10	<10					<10	<10	
4-Methyl-2-pentanone	2019-01	ug/L								<10								
4-Methyl-2-pentanone	2019-03	ug/L	<10	<10	<10					<10	<10					<10	<10	
4-Methyl-2-pentanone	2019-05	ug/L		<10						<10								
4-Methyl-2-pentanone	2019-10	ug/L	<10	<10	<10					<10	<10					<10	<10	
4-Methyl-2-pentanone	2020-03	ug/L	<10	<10	<10					<10	<10					<10	<10	
4-Methyl-2-pentanone	2020-09	ug/L	<10	<10	<10					<10	<10					<10	<10	
4-Methyl-2-pentanone	2021-03	ug/L	<10	<10	<10			<10	<10	<10	<10					<10	<10	
4-Methyl-2-pentanone	2021-05	ug/L	<10															
4-Methyl-2-pentanone	2021-08	ug/L						<10	<10									
4-Methyl-2-pentanone	2021-10	ug/L	<10	<10	<10			<10	<10	<10	<10							
4-Methyl-2-pentanone	2021-12	ug/L	<10															
4-Methyl-2-pentanone	2022-02	ug/L						<10	<10									
4-Methyl-2-pentanone	2022-04	ug/L	<10	<10	<10			<10	<10	<10	<10							
4-Methyl-2-pentanone	2022-07	ug/L																
4-Methyl-2-pentanone	2022-10	ug/L	<10	<10	<10			<10	<10	<10	<10							
4-Methyl-2-pentanone	2023-04	ug/L	<10	<10	<10			<10	<10	<10	<10							
4-Methyl-2-pentanone	2023-05	ug/L																
4-Methyl-2-pentanone	2023-10	ug/L	<10	<10	<10			<10	<10	<10	<10							
4-Methyl-2-pentanone	2024-04	ug/L	<10	<10	<10			<10	<10	<10	<10							
4-Methyl-2-pentanone	2024-09	ug/L	< 10	< 10	< 10			< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-Methyl-2-pentanone	2025-03	ug/L	< 10	< 10	< 10			< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-Methyl-2-pentanone	2025-08	ug/L	< 10	< 10	< 10			< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
4-Nitroaniline	2009-03	ug/L																
4-Nitroaniline	2009-06	ug/L																
4-Nitroaniline	2009-09	ug/L																
4-Nitroaniline	2009-12	ug/L																
4-Nitroaniline	2010-03	ug/L																
4-Nitroaniline	2010-06	ug/L																
4-Nitroaniline	2010-08	ug/L																
4-Nitroaniline	2010-09	ug/L																
4-Nitroaniline	2010-12	ug/L																
4-Nitroaniline	2011-03	ug/L																
4-Nitroaniline	2011-06	ug/L																
4-Nitroaniline	2011-09	ug/L																
4-Nitroaniline	2011-12	ug/L																
4-Nitroaniline	2012-03	ug/L																
4-Nitroaniline	2014-12	ug/L																
4-Nitroaniline	2016-10	ug/L									<10.4					<10.3	<10.2	
4-Nitroaniline	2017-10	ug/L																
4-Nitroaniline	2017-12	ug/L			<10.4													
4-Nitroaniline	2018-07	ug/L								<10.1								
4-Nitroaniline	2018-10	ug/L								<10.3								
4-Nitroaniline	2019-05	ug/L		<10.1														
4-Nitroaniline	2021-10	ug/L																
4-Nitroaniline	2021-12	ug/L	<10.5															
4-Nitroaniline	2022-10	ug/L			<8.77													
4-Nitroaniline	2024-04	ug/L		<10.2														
4-Nitrophenol	2009-03	ug/L																
4-Nitrophenol	2009-06	ug/L																
4-Nitrophenol	2009-09	ug/L																
4-Nitrophenol	2009-12	ug/L																

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
4-Nitrophenol	2010-03	ug/L					< 10.0				< 10.0			< 10.0				
4-Nitrophenol	2010-06	ug/L										< 10.0						
4-Nitrophenol	2010-08	ug/L										< 10.0	< 10.0					
4-Nitrophenol	2010-09	ug/L					< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0				
4-Nitrophenol	2010-12	ug/L										< 10.0						
4-Nitrophenol	2011-03	ug/L											< 10.0		< 10.0			
4-Nitrophenol	2011-06	ug/L											< 10.0		< 10.0	< 10.0	< 10.0	
4-Nitrophenol	2011-09	ug/L					< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	
4-Nitrophenol	2011-12	ug/L													< 10.0	< 10.0	< 10.0	
4-Nitrophenol	2012-03	ug/L														< 10.0	< 10.0	
4-Nitrophenol	2014-12	ug/L															< 10.2	
4-Nitrophenol	2016-10	ug/L							<10	<10	<10.9					<11.2	<11.1	
4-Nitrophenol	2017-10	ug/L						<10.5										
4-Nitrophenol	2017-12	ug/L					<10.6					<10.4						<10.4
4-Nitrophenol	2018-07	ug/L											<10.4					
4-Nitrophenol	2018-10	ug/L											<10.4					
4-Nitrophenol	2019-05	ug/L																
4-Nitrophenol	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
4-Nitrophenol	2021-12	ug/L																
4-Nitrophenol	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
4-Nitrophenol	2024-04	ug/L											<10.6					
5-Nitro-o-toluidine	2009-03	ug/L						< 10	< 10	< 10								
5-Nitro-o-toluidine	2009-06	ug/L					< 10.0	< 10	< 10	< 10.0	< 10			< 10.0				
5-Nitro-o-toluidine	2009-09	ug/L					< 10.0	< 10.0	< 10.0	< 10.0	< 10.0			< 10.0				
5-Nitro-o-toluidine	2009-12	ug/L					< 10.0	< 10.0	< 10.0	< 10.0	< 10.0			< 10.0				
5-Nitro-o-toluidine	2010-03	ug/L					< 10.0				< 10.0			< 10.0				
5-Nitro-o-toluidine	2010-06	ug/L										< 10.0						
5-Nitro-o-toluidine	2010-08	ug/L										< 10.0	< 10.0					
5-Nitro-o-toluidine	2010-09	ug/L					< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0				
5-Nitro-o-toluidine	2010-12	ug/L										< 10.0						
5-Nitro-o-toluidine	2011-03	ug/L											< 10.0		< 10.0			
5-Nitro-o-toluidine	2011-06	ug/L											< 10.0		< 10.0	< 10.0	< 10.0	
5-Nitro-o-toluidine	2011-09	ug/L					< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	
5-Nitro-o-toluidine	2011-12	ug/L													< 10.0	< 10.0	< 10.0	
5-Nitro-o-toluidine	2012-03	ug/L														< 10.0	< 10.0	
5-Nitro-o-toluidine	2014-12	ug/L															< 10.2	
5-Nitro-o-toluidine	2016-10	ug/L							<10	<10	<10.9					<11.2	<11.1	
5-Nitro-o-toluidine	2017-10	ug/L						<10.5										
5-Nitro-o-toluidine	2017-12	ug/L					<10.6					<10.4						<10.4
5-Nitro-o-toluidine	2018-07	ug/L											<10.4					
5-Nitro-o-toluidine	2018-10	ug/L											<10.4					
5-Nitro-o-toluidine	2019-05	ug/L																
5-Nitro-o-toluidine	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
5-Nitro-o-toluidine	2021-12	ug/L																
5-Nitro-o-toluidine	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
5-Nitro-o-toluidine	2024-04	ug/L											<10.6					
7,12-Dimethylbenz(a)anthracene	2009-03	ug/L						< 10	< 10	< 10								
7,12-Dimethylbenz(a)anthracene	2009-06	ug/L					< 10.0	< 10	< 10	< 10.0	< 10			< 10.0				
7,12-Dimethylbenz(a)anthracene	2009-09	ug/L					< 10.0	< 10.0	< 10.0	< 10.0	< 10.0			< 10.0				
7,12-Dimethylbenz(a)anthracene	2009-12	ug/L					< 10.0	< 10.0	< 10.0	< 10.0	< 10.0			< 10.0				
7,12-Dimethylbenz(a)anthracene	2010-03	ug/L					< 10.0				< 10.0			< 10.0				
7,12-Dimethylbenz(a)anthracene	2010-06	ug/L										< 10.0						
7,12-Dimethylbenz(a)anthracene	2010-08	ug/L										< 10.0	< 10.0					
7,12-Dimethylbenz(a)anthracene	2010-09	ug/L					< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0				
7,12-Dimethylbenz(a)anthracene	2010-12	ug/L										< 10.0						
7,12-Dimethylbenz(a)anthracene	2011-03	ug/L											< 10.0		< 10.0			
7,12-Dimethylbenz(a)anthracene	2011-06	ug/L											< 10.0		< 10.0	< 10.0	< 10.0	
7,12-Dimethylbenz(a)anthracene	2011-09	ug/L					< 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-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
4-Nitrophenol	2010-03	ug/L																
4-Nitrophenol	2010-06	ug/L																
4-Nitrophenol	2010-08	ug/L																
4-Nitrophenol	2010-09	ug/L																
4-Nitrophenol	2010-12	ug/L																
4-Nitrophenol	2011-03	ug/L																
4-Nitrophenol	2011-06	ug/L																
4-Nitrophenol	2011-09	ug/L																
4-Nitrophenol	2011-12	ug/L																
4-Nitrophenol	2012-03	ug/L																
4-Nitrophenol	2014-12	ug/L																
4-Nitrophenol	2016-10	ug/L									<10.4					<10.3	<10.2	
4-Nitrophenol	2017-10	ug/L																
4-Nitrophenol	2017-12	ug/L			<10.4													
4-Nitrophenol	2018-07	ug/L								<10.1								
4-Nitrophenol	2018-10	ug/L								<10.3								
4-Nitrophenol	2019-05	ug/L		<10.1														
4-Nitrophenol	2021-10	ug/L																
4-Nitrophenol	2021-12	ug/L	<10.5															
4-Nitrophenol	2022-10	ug/L			<8.77													
4-Nitrophenol	2024-04	ug/L		<10.2														
5-Nitro-o-toluidine	2009-03	ug/L																
5-Nitro-o-toluidine	2009-06	ug/L																
5-Nitro-o-toluidine	2009-09	ug/L																
5-Nitro-o-toluidine	2009-12	ug/L																
5-Nitro-o-toluidine	2010-03	ug/L																
5-Nitro-o-toluidine	2010-06	ug/L																
5-Nitro-o-toluidine	2010-08	ug/L																
5-Nitro-o-toluidine	2010-09	ug/L																
5-Nitro-o-toluidine	2010-12	ug/L																
5-Nitro-o-toluidine	2011-03	ug/L																
5-Nitro-o-toluidine	2011-06	ug/L																
5-Nitro-o-toluidine	2011-09	ug/L																
5-Nitro-o-toluidine	2011-12	ug/L																
5-Nitro-o-toluidine	2012-03	ug/L																
5-Nitro-o-toluidine	2014-12	ug/L																
5-Nitro-o-toluidine	2016-10	ug/L									<10.4					<10.3	<10.2	
5-Nitro-o-toluidine	2017-10	ug/L																
5-Nitro-o-toluidine	2017-12	ug/L			<10.4													
5-Nitro-o-toluidine	2018-07	ug/L								<10.1								
5-Nitro-o-toluidine	2018-10	ug/L								<10.3								
5-Nitro-o-toluidine	2019-05	ug/L		<10.1														
5-Nitro-o-toluidine	2021-10	ug/L																
5-Nitro-o-toluidine	2021-12	ug/L	<10.5															
5-Nitro-o-toluidine	2022-10	ug/L			<8.77													
5-Nitro-o-toluidine	2024-04	ug/L		<10.2														
7,12-Dimethylbenz(a)anthracene	2009-03	ug/L																
7,12-Dimethylbenz(a)anthracene	2009-06	ug/L																
7,12-Dimethylbenz(a)anthracene	2009-09	ug/L																
7,12-Dimethylbenz(a)anthracene	2009-12	ug/L																
7,12-Dimethylbenz(a)anthracene	2010-03	ug/L																
7,12-Dimethylbenz(a)anthracene	2010-06	ug/L																
7,12-Dimethylbenz(a)anthracene	2010-08	ug/L																
7,12-Dimethylbenz(a)anthracene	2010-09	ug/L																
7,12-Dimethylbenz(a)anthracene	2010-12	ug/L																
7,12-Dimethylbenz(a)anthracene	2011-03	ug/L																
7,12-Dimethylbenz(a)anthracene	2011-06	ug/L																
7,12-Dimethylbenz(a)anthracene	2011-09	ug/L																

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
7,12-Dimethylbenz(a)anthracene	2011-12	ug/L													~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
7,12-Dimethylbenz(a)anthracene	2012-03	ug/L														~~< 10.0~~	~~< 10.0~~	
7,12-Dimethylbenz(a)anthracene	2014-12	ug/L															~~< 10.2~~	
7,12-Dimethylbenz(a)anthracene	2016-10	ug/L							<10	<10	<10.9					<11.2	<11.1	
7,12-Dimethylbenz(a)anthracene	2017-10	ug/L						<10.5										
7,12-Dimethylbenz(a)anthracene	2017-12	ug/L					<10.6					<10.4						<10.4
7,12-Dimethylbenz(a)anthracene	2018-07	ug/L											<10.4					
7,12-Dimethylbenz(a)anthracene	2018-10	ug/L											<10.4					
7,12-Dimethylbenz(a)anthracene	2019-05	ug/L																
7,12-Dimethylbenz(a)anthracene	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
7,12-Dimethylbenz(a)anthracene	2021-12	ug/L																
7,12-Dimethylbenz(a)anthracene	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
7,12-Dimethylbenz(a)anthracene	2024-04	ug/L											<10.6					
Acenaphthene	2009-03	ug/L						~~< 10~~	~~< 10~~	~~< 10~~								
Acenaphthene	2009-06	ug/L					~~< 10.0~~	~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10~~			~~< 10.0~~				
Acenaphthene	2009-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
Acenaphthene	2009-12	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
Acenaphthene	2010-03	ug/L					~~< 10.0~~				~~< 10.0~~			~~< 10.0~~				
Acenaphthene	2010-06	ug/L										~~< 10.0~~						
Acenaphthene	2010-08	ug/L										~~< 10.0~~	~~< 10.0~~					
Acenaphthene	2010-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~				
Acenaphthene	2010-12	ug/L										~~< 10.0~~						
Acenaphthene	2011-03	ug/L											~~< 10.0~~		~~< 10.0~~			
Acenaphthene	2011-06	ug/L											~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Acenaphthene	2011-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Acenaphthene	2011-12	ug/L													~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Acenaphthene	2012-03	ug/L														~~< 10.0~~	~~< 10.0~~	
Acenaphthene	2014-12	ug/L															~~< 10.2~~	
Acenaphthene	2016-10	ug/L							<10	<10	<10.9					<11.2	<11.1	
Acenaphthene	2017-10	ug/L						<10.5										
Acenaphthene	2017-12	ug/L					<10.6					<10.4						<10.4
Acenaphthene	2018-07	ug/L											<10.4					
Acenaphthene	2018-10	ug/L											<10.4					
Acenaphthene	2019-05	ug/L																
Acenaphthene	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
Acenaphthene	2021-12	ug/L																
Acenaphthene	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
Acenaphthene	2024-04	ug/L											<10.6					
Acenaphthylene	2009-03	ug/L						~~< 10~~	~~< 10~~	~~< 10~~								
Acenaphthylene	2009-06	ug/L					~~< 10.0~~	~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10~~			~~< 10.0~~				
Acenaphthylene	2009-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
Acenaphthylene	2009-12	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
Acenaphthylene	2010-03	ug/L					~~< 10.0~~				~~< 10.0~~			~~< 10.0~~				
Acenaphthylene	2010-06	ug/L										~~< 10.0~~						
Acenaphthylene	2010-08	ug/L										~~< 10.0~~	~~< 10.0~~					
Acenaphthylene	2010-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~				
Acenaphthylene	2010-12	ug/L										~~< 10.0~~						
Acenaphthylene	2011-03	ug/L											~~< 10.0~~		~~< 10.0~~			
Acenaphthylene	2011-06	ug/L											~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Acenaphthylene	2011-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Acenaphthylene	2011-12	ug/L													~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Acenaphthylene	2012-03	ug/L														~~< 10.0~~	~~< 10.0~~	
Acenaphthylene	2014-12	ug/L															~~< 10.2~~	
Acenaphthylene	2017-10	ug/L						<10.5										
Acenaphthylene	2017-12	ug/L					<10.6					<10.4						<10.4
Acenaphthylene	2018-07	ug/L											<10.4					
Acenaphthylene	2018-10	ug/L											<10.4					
Acenaphthylene	2019-05	ug/L																

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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
7,12-Dimethylbenz(a)anthracene	2011-12	ug/L																
7,12-Dimethylbenz(a)anthracene	2012-03	ug/L																
7,12-Dimethylbenz(a)anthracene	2014-12	ug/L																
7,12-Dimethylbenz(a)anthracene	2016-10	ug/L									<10.4					<10.3	<10.2	
7,12-Dimethylbenz(a)anthracene	2017-10	ug/L																
7,12-Dimethylbenz(a)anthracene	2017-12	ug/L			<10.4													
7,12-Dimethylbenz(a)anthracene	2018-07	ug/L								<10.1								
7,12-Dimethylbenz(a)anthracene	2018-10	ug/L								<10.3								
7,12-Dimethylbenz(a)anthracene	2019-05	ug/L		<10.1														
7,12-Dimethylbenz(a)anthracene	2021-10	ug/L																
7,12-Dimethylbenz(a)anthracene	2021-12	ug/L	<10.5															
7,12-Dimethylbenz(a)anthracene	2022-10	ug/L			<8.77													
7,12-Dimethylbenz(a)anthracene	2024-04	ug/L		<10.2														
Acenaphthene	2009-03	ug/L																
Acenaphthene	2009-06	ug/L																
Acenaphthene	2009-09	ug/L																
Acenaphthene	2009-12	ug/L																
Acenaphthene	2010-03	ug/L																
Acenaphthene	2010-06	ug/L																
Acenaphthene	2010-08	ug/L																
Acenaphthene	2010-09	ug/L																
Acenaphthene	2010-12	ug/L																
Acenaphthene	2011-03	ug/L																
Acenaphthene	2011-06	ug/L																
Acenaphthene	2011-09	ug/L																
Acenaphthene	2011-12	ug/L																
Acenaphthene	2012-03	ug/L																
Acenaphthene	2014-12	ug/L																
Acenaphthene	2016-10	ug/L									<10.4					<10.3	<10.2	
Acenaphthene	2017-10	ug/L																
Acenaphthene	2017-12	ug/L			<10.4													
Acenaphthene	2018-07	ug/L								<10.1								
Acenaphthene	2018-10	ug/L								<10.3								
Acenaphthene	2019-05	ug/L		<10.1														
Acenaphthene	2021-10	ug/L																
Acenaphthene	2021-12	ug/L	<10.5															
Acenaphthene	2022-10	ug/L			<8.77													
Acenaphthene	2024-04	ug/L		<10.2														
Acenaphthylene	2009-03	ug/L																
Acenaphthylene	2009-06	ug/L																
Acenaphthylene	2009-09	ug/L																
Acenaphthylene	2009-12	ug/L																
Acenaphthylene	2010-03	ug/L																
Acenaphthylene	2010-06	ug/L																
Acenaphthylene	2010-08	ug/L																
Acenaphthylene	2010-09	ug/L																
Acenaphthylene	2010-12	ug/L																
Acenaphthylene	2011-03	ug/L																
Acenaphthylene	2011-06	ug/L																
Acenaphthylene	2011-09	ug/L																
Acenaphthylene	2011-12	ug/L																
Acenaphthylene	2012-03	ug/L																
Acenaphthylene	2014-12	ug/L																
Acenaphthylene	2017-10	ug/L																
Acenaphthylene	2017-12	ug/L			<10.4													
Acenaphthylene	2018-07	ug/L								<10.1								
Acenaphthylene	2018-10	ug/L								<10.3								
Acenaphthylene	2019-05	ug/L		<10.1														

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Table 20
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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
Acenaphthylene	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
Acenaphthylene	2021-12	ug/L																
Acenaphthylene	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
Acenaphthylene	2024-04	ug/L											<10.6					
Acetone	2008-01	ug/L					~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~			
Acetone	2008-03	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			
Acetone	2008-08	ug/L					~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~			
Acetone	2008-09	ug/L					~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~			
Acetone	2008-10	ug/L					~~< 10~~	~~< 10~~	~~< 10~~	~~**8.21**~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~			
Acetone	2009-03	ug/L					~~< 10~~	~~< 10~~	~~**18.7**~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~			
Acetone	2009-06	ug/L					~~< 50.0~~	~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10~~			~~< 10.0~~				
Acetone	2009-09	ug/L					~~< 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~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
Acetone	2010-03	ug/L					~~< 10.0~~	~~< 10.0~~	~~**16.8**~~	~~**11.4**~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			
Acetone	2010-06	ug/L										~~< 10.0~~				~~< 10.0~~	~~< 10.0~~	~~< 10.0~~
Acetone	2010-08	ug/L										~~< 10.0~~	~~< 10.0~~			~~< 10.0~~	~~< 10.0~~	~~< 10.0~~
Acetone	2010-09	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~~
Acetone	2010-12	ug/L										~~< 10.0~~				~~< 10.0~~	~~< 10.0~~	~~< 10.0~~
Acetone	2011-03	ug/L		~~< 10.0~~			~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 100~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~
Acetone	2011-04	ug/L					~~< 10.0~~		~~< 10.0~~	~~< 100~~	~~< 10.0~~						~~< 10.0~~	
Acetone	2011-06	ug/L		~~< 10.0~~									~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Acetone	2011-07	ug/L	~~< 10.0~~															
Acetone	2011-08	ug/L		~~< 10.0~~														
Acetone	2011-09	ug/L	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 100~~	~~< 10.0~~	~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~
Acetone	2011-12	ug/L	~~< 10.0~~	~~< 10.0~~											~~< 10.0~~	~~< 20.0~~	~~< 10.0~~	
Acetone	2012-03	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~~	~~< 10.0~~	~~< 10.0~~
Acetone	2012-06	ug/L																
Acetone	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~~
Acetone	2013-03	ug/L	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 100~~	~~< 10.0~~	~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~
Acetone	2013-06	ug/L																
Acetone	2013-09	ug/L	~~**2.62**~~	~~< 10.0~~			~~< 10.0~~	~~**2.90**~~	~~< 10.0~~	~~**3.55**~~	~~**1.79**~~	~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~
Acetone	2013-11	ug/L																
Acetone	2014-03	ug/L	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~**11.4**~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~
Acetone	2014-06	ug/L																
Acetone	2014-09	ug/L	~~< 10~~	~~< 10~~			~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10~~
Acetone	2014-12	ug/L															~~< 10.0~~	
Acetone	2015-04	ug/L	**3.63**	< 10			~~< 10 o~~	~~< 10 o~~	< 10	**4.49**	**2.63**	< 10.0	< 10.0			~~< 10 o~~	~~**3.58 Jo**~~	**1.98 J**
Acetone	2015-10	ug/L	<10	<10			<10	<10	<10	<10	<10	<10				~~< 10 o~~	<10	<10
Acetone	2016-04	ug/L	**3.17 J**	<10			**2.27 J**	<10	**4.36 J**	**4.08 J**	**2.51 J**	<10	<10			**1.88 J**	**2.43 J**	<10
Acetone	2016-10	ug/L	**4.8 J**	<10			<10	<10	**3.12 J**	**7.69 J**	<10	<10	**1.83 J**			~~< 10 o~~	**1.87 J**	<10
Acetone	2017-03	ug/L	**11.2**	**3.28 J**			**3.03 J**	~~**3.38 Jo**~~	**4.14 J**	**5.8 J**	~~**4.92 Jo**~~	**2.47 J**	**2.33 J**			~~**3.27 Jo**~~	**2.03 J**	<10
Acetone	2017-06	ug/L	**14.8**															
Acetone	2017-10	ug/L	**14.4**	**4.47 J**			~~**6.6 Jo**~~	~~**1.98 Jo**~~	**4.65 J**	**8.95 J**	**3.06 J**	**4.01 J**				~~**2.96 Jo**~~	~~**5.06 Jo**~~	**10.6**
Acetone	2017-12	ug/L					<10					<10						<10
Acetone	2018-04	ug/L	**5.77 J**	<10	<10		<10	<10	**2.83 J**	**5.6 J**	~~**5.7 Jo**~~	<10	<10			~~< 10 o~~	<10	<10
Acetone	2018-07	ug/L											<10					
Acetone	2018-10	ug/L	**3.72 J**	<10			<10	<10	<10	**4.14 J**	<10	**3.53 J**	<10			<10	<10	**3.21 J**
Acetone	2019-01	ug/L																
Acetone	2019-03	ug/L	**11.6**	<10			<10	<10	**4.22 J**	**9.29**	<10	**3.14 J**	<10			<10	<10	<10
Acetone	2019-05	ug/L	**3.19 J**															
Acetone	2019-10	ug/L	**6.09 J**	<10			<10	<10	<10	<10	<10	<10	<10			<10	<10	<10
Acetone	2020-03	ug/L	**5.23 J**	<10			<10	<10	<10	<10	<10	<10	**4.46 J**			<10	<10	<10
Acetone	2020-09	ug/L	**4.46 J**	<10			<10	<10	<10	**3.83 J**	<10	<10	<10			<10	<10	<10
Acetone	2021-03	ug/L	<10	<10			<10	<10	<10	<10	<10	<10	**12**			<10	<10	<10
Acetone	2021-05	ug/L																
Acetone	2021-08	ug/L																
Acetone	2021-10	ug/L	**40.6**	<10	<10		**3.65 J**	<10	<10	**5.78 J**	<10	<10	<10			<10	<10	<10
Acetone	2021-12	ug/L	**5.43 J**															

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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
Acenaphthylene	2021-10	ug/L																
Acenaphthylene	2021-12	ug/L	<10.5															
Acenaphthylene	2022-10	ug/L			<8.77													
Acenaphthylene	2024-04	ug/L		<10.2														
Acetone	2008-01	ug/L																
Acetone	2008-03	ug/L																
Acetone	2008-08	ug/L																
Acetone	2008-09	ug/L																
Acetone	2008-10	ug/L																
Acetone	2009-03	ug/L																
Acetone	2009-06	ug/L																
Acetone	2009-09	ug/L																
Acetone	2009-12	ug/L																
Acetone	2010-03	ug/L																
Acetone	2010-06	ug/L	~~< 10.0~~	~~< 10.0~~														
Acetone	2010-08	ug/L	~~< 10.0~~	~~< 10.0~~														
Acetone	2010-09	ug/L	~~< 10.0~~	~~< 10.0~~														
Acetone	2010-12	ug/L	~~< 10.0~~	~~< 10.0~~														
Acetone	2011-03	ug/L	~~< 10.0~~	~~< 10.0~~														
Acetone	2011-04	ug/L																
Acetone	2011-06	ug/L																
Acetone	2011-07	ug/L																
Acetone	2011-08	ug/L																
Acetone	2011-09	ug/L	~~< 10.0~~	~~< 10.0~~														
Acetone	2011-12	ug/L																
Acetone	2012-03	ug/L	~~< 10.0~~	~~< 10.0~~														
Acetone	2012-06	ug/L									~~< 10.0~~	~~< 10.0~~		~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	
Acetone	2012-10	ug/L																
Acetone	2013-03	ug/L	~~< 10.0~~								~~< 10.0~~							
Acetone	2013-06	ug/L			~~2.57~~													
Acetone	2013-09	ug/L	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~						~~< 10.0~~							
Acetone	2013-11	ug/L			~~< 10.0~~													
Acetone	2014-03	ug/L	~~< 10.0~~		~~< 10.0~~						~~< 10.0~~							
Acetone	2014-06	ug/L		~~< 10.0~~	~~< 10.0~~													
Acetone	2014-09	ug/L	~~< 10~~	~~< 10~~	~~< 10~~						~~< 10~~							
Acetone	2014-12	ug/L																
Acetone	2015-04	ug/L	~~<10 o~~	< 10.0	< 10.0						< 10							
Acetone	2015-10	ug/L	~~<10 o~~	<10	<10						<10					<10	<10	
Acetone	2016-04	ug/L	~~<10 o~~	<10	<10						<10					<10	<10	
Acetone	2016-10	ug/L	~~<10 o~~	<10	<10						<10					<10	<10	
Acetone	2017-03	ug/L	**2.82 J**	<10	<10						<10					**1.99 J**	**2.25 J**	
Acetone	2017-06	ug/L																
Acetone	2017-10	ug/L	**3.16 J**	**3.61 J**	**3.92 J**						**4.08 J**					**4.71 J**	**4.14 J**	
Acetone	2017-12	ug/L			<10													
Acetone	2018-04	ug/L	~~<10 o~~	<10	<10						<10					<10	<10	
Acetone	2018-07	ug/L								~~29.9 o~~								
Acetone	2018-10	ug/L	<10	<10	<10					<10	<10					<10	<10	
Acetone	2019-01	ug/L								<10								
Acetone	2019-03	ug/L	<10	<10	<10					<10	<10					<10	<10	
Acetone	2019-05	ug/L		<10						<10								
Acetone	2019-10	ug/L	<10	<10	<10					<10	<10					<10	<10	
Acetone	2020-03	ug/L	<10	<10	<10					<10	<10					<10	<10	
Acetone	2020-09	ug/L	<10	<10	<10					<10	<10					<10	<10	
Acetone	2021-03	ug/L	<10	<10	<10			<10	<10	<10	<10					<10	<10	
Acetone	2021-05	ug/L	<10															
Acetone	2021-08	ug/L						<10	<10									
Acetone	2021-10	ug/L	<10	<10	<10			<10	<10	<10	<10							
Acetone	2021-12	ug/L	<10															

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
Acetone	2022-02	ug/L	<10		<10	<10												
Acetone	2022-04	ug/L	**3.26 J**	<10	<10	<10	<10	<10	<10	<10	<10	<10	~~271 o~~			<10	<10	<10
Acetone	2022-07	ug/L			<10	<10												
Acetone	2022-10	ug/L	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				<10	<10	<10
Acetone	2023-04	ug/L	<10	<10		<10	<10	<10	<10	<10	<10	<10	<10			<10	<10	<10
Acetone	2023-05	ug/L			<10													
Acetone	2023-10	ug/L	**4.04 J**	<10	<10	<10	<10	<10	<10	**3.64 J**	<10	<10				<10	<10	<10
Acetone	2024-04	ug/L	<10	<10	<10	<10	<10	<10	<10	**3.33 J**	<10	<10	<10			<10	<10	<10
Acetone	2024-09	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10			< 10	< 10	< 10
Acetone	2025-03	ug/L	**3.29 J**	< 10	< 10	< 10	< 10	< 10	< 10	**4.34 J**	< 10	< 10	**4.49 J**			< 10	< 10	< 10
Acetone	2025-08	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	**7.64 J**	< 10	< 10	< 10			< 10	< 10	< 10
Acetonitrile	2009-03	mg/L						~~< 10~~	~~< 10~~	~~< 10~~								
Acetonitrile	2009-06	mg/L					~~< 10.0~~	~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10~~			~~< 10.0~~				
Acetonitrile	2009-09	mg/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
Acetonitrile	2009-12	mg/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
Acetonitrile	2010-03	mg/L					~~< 10.0~~				~~< 10.0~~			~~< 10.0~~				
Acetonitrile	2010-06	mg/L										~~< 10.0~~						
Acetonitrile	2010-08	mg/L										~~< 10.0~~	~~< 10.0~~					
Acetonitrile	2010-09	mg/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~				
Acetonitrile	2010-12	mg/L										~~< 10.0~~						
Acetonitrile	2011-03	mg/L											~~< 10.0~~		~~< 10.0~~			
Acetonitrile	2011-06	mg/L											~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Acetonitrile	2011-09	mg/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Acetonitrile	2011-12	mg/L													~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Acetonitrile	2012-03	mg/L														~~< 10.0~~	~~< 10.0~~	
Acetonitrile	2014-12	mg/L															~~< 10.0~~	
Acetonitrile	2016-10	ug/L							<10	<10	<10					<10	<10	
Acetonitrile	2017-10	mg/L						<10										
Acetonitrile	2017-12	mg/L					<10					<10						<10
Acetonitrile	2018-07	mg/L											<10					
Acetonitrile	2018-10	mg/L											<10					
Acetonitrile	2019-05	mg/L																
Acetonitrile	2021-10	mg/L							<10	<10	<10					<10	<10	
Acetonitrile	2021-12	mg/L																
Acetonitrile	2022-10	mg/L					<10	<10				<10						<10
Acetonitrile	2024-04	mg/L											<10					
Acetophenone	2009-03	ug/L						~~< 10~~	~~< 10~~	~~< 10~~								
Acetophenone	2009-06	ug/L					~~< 10.0~~	~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10~~			~~< 10.0~~				
Acetophenone	2009-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
Acetophenone	2009-12	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
Acetophenone	2010-03	ug/L					~~< 10.0~~				~~< 10.0~~			~~< 10.0~~				
Acetophenone	2010-06	ug/L										~~< 10.0~~						
Acetophenone	2010-08	ug/L										~~< 10.0~~	~~< 10.0~~					
Acetophenone	2010-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~				
Acetophenone	2010-12	ug/L										~~< 10.0~~						
Acetophenone	2011-03	ug/L											~~< 10.0~~		~~< 10.0~~			
Acetophenone	2011-06	ug/L											~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Acetophenone	2011-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Acetophenone	2011-12	ug/L													~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Acetophenone	2012-03	ug/L														~~< 10.0~~	~~< 10.0~~	
Acetophenone	2014-12	ug/L															~~< 10.2~~	
Acetophenone	2016-10	ug/L							<10	<10	<10.9					<11.2	<11.1	
Acetophenone	2017-10	ug/L						<10.5										
Acetophenone	2017-12	ug/L					<10.6					<10.4						<10.4
Acetophenone	2018-07	ug/L											<10.4					
Acetophenone	2018-10	ug/L											<10.4					
Acetophenone	2019-05	ug/L																
Acetophenone	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	

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Table 20
Analytical Data Summary
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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
Acetone	2022-02	ug/L						<10	<10									
Acetone	2022-04	ug/L	<10	<10	<10			<10	<10	<10	<10							
Acetone	2022-07	ug/L																
Acetone	2022-10	ug/L	<10	<10	<10			<10	<10	<10	<10							
Acetone	2023-04	ug/L	<10	<10	<10			<10	<10	<10	<10							
Acetone	2023-05	ug/L																
Acetone	2023-10	ug/L	<10	<10	<10			<10	<10	<10	<10							
Acetone	2024-04	ug/L	<10	<10	<10			<10	<10	<10	<10							
Acetone	2024-09	ug/L	< 10	**3.29 J**	< 10			< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Acetone	2025-03	ug/L	< 10	< 10	< 10			< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Acetone	2025-08	ug/L	< 10	< 10	< 10			< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Acetonitrile	2009-03	mg/L																
Acetonitrile	2009-06	mg/L																
Acetonitrile	2009-09	mg/L																
Acetonitrile	2009-12	mg/L																
Acetonitrile	2010-03	mg/L																
Acetonitrile	2010-06	mg/L																
Acetonitrile	2010-08	mg/L																
Acetonitrile	2010-09	mg/L																
Acetonitrile	2010-12	mg/L																
Acetonitrile	2011-03	mg/L																
Acetonitrile	2011-06	mg/L																
Acetonitrile	2011-09	mg/L																
Acetonitrile	2011-12	mg/L																
Acetonitrile	2012-03	mg/L																
Acetonitrile	2014-12	mg/L																
Acetonitrile	2016-10	ug/L									<10					<10	<10	
Acetonitrile	2017-10	mg/L																
Acetonitrile	2017-12	mg/L			<10													
Acetonitrile	2018-07	mg/L								<10								
Acetonitrile	2018-10	mg/L								<10								
Acetonitrile	2019-05	mg/L		<10														
Acetonitrile	2021-10	mg/L																
Acetonitrile	2021-12	mg/L	<10															
Acetonitrile	2022-10	mg/L			<10													
Acetonitrile	2024-04	mg/L		<10														
Acetophenone	2009-03	ug/L																
Acetophenone	2009-06	ug/L																
Acetophenone	2009-09	ug/L																
Acetophenone	2009-12	ug/L																
Acetophenone	2010-03	ug/L																
Acetophenone	2010-06	ug/L																
Acetophenone	2010-08	ug/L																
Acetophenone	2010-09	ug/L																
Acetophenone	2010-12	ug/L																
Acetophenone	2011-03	ug/L																
Acetophenone	2011-06	ug/L																
Acetophenone	2011-09	ug/L																
Acetophenone	2011-12	ug/L																
Acetophenone	2012-03	ug/L																
Acetophenone	2014-12	ug/L																
Acetophenone	2016-10	ug/L									<10.4					<10.3	<10.2	
Acetophenone	2017-10	ug/L																
Acetophenone	2017-12	ug/L			<10.4													
Acetophenone	2018-07	ug/L								<10.1								
Acetophenone	2018-10	ug/L								<10.3								
Acetophenone	2019-05	ug/L		<10.1														
Acetophenone	2021-10	ug/L																

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
Acetophenone	2021-12	ug/L																
Acetophenone	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
Acetophenone	2024-04	ug/L											<10.6					
Acrolein	2009-03	ug/L						~~< 10~~	~~< 10~~	~~< 10~~								
Acrolein	2009-06	ug/L					~~< 50.0~~	~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10~~			~~< 10.0~~				
Acrolein	2009-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
Acrolein	2009-12	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
Acrolein	2010-03	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
Acrolein	2010-06	ug/L										~~< 10.0~~						
Acrolein	2010-08	ug/L										~~< 10.0~~	~~< 10.0~~					
Acrolein	2010-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~				
Acrolein	2010-12	ug/L										~~< 10.0~~						
Acrolein	2011-03	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 100~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			
Acrolein	2011-04	ug/L					~~< 10.0~~		~~< 10.0~~	~~< 100~~	~~< 10.0~~						~~< 10.0~~	
Acrolein	2011-06	ug/L											~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Acrolein	2011-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 100~~	~~< 10.0~~	~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Acrolein	2011-12	ug/L													~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Acrolein	2012-03	ug/L												~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	
Acrolein	2014-12	ug/L															~~< 10.0~~	
Acrolein	2016-10	ug/L							<10	<10	<10					<10	<10	
Acrolein	2017-10	ug/L						<10										
Acrolein	2017-12	ug/L					<10					<10						<10
Acrolein	2018-07	ug/L											<10					
Acrolein	2018-10	ug/L											<10					
Acrolein	2019-05	ug/L																
Acrolein	2021-10	ug/L							<10	<10	<10					<10	<10	
Acrolein	2021-12	ug/L																
Acrolein	2022-10	ug/L					<10	<10				<10						<10
Acrolein	2024-04	ug/L											<10					
Acrylonitrile	2008-01	ug/L					~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~			
Acrylonitrile	2008-03	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			
Acrylonitrile	2008-08	ug/L					~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~			
Acrylonitrile	2008-09	ug/L					~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~			
Acrylonitrile	2008-10	ug/L					~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~			
Acrylonitrile	2009-03	ug/L					~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~			
Acrylonitrile	2009-06	ug/L					~~< 50.0~~	~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10~~			~~< 10.0~~				
Acrylonitrile	2009-09	ug/L					~~< 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~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
Acrylonitrile	2010-03	ug/L					~~< 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~~	~~< 10.0~~	~~< 10.0~~
Acrylonitrile	2010-08	ug/L										~~< 10.0~~	~~< 10.0~~			~~< 10.0~~	~~< 10.0~~	~~< 10.0~~
Acrylonitrile	2010-09	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	2010-12	ug/L										~~< 10.0~~				~~< 10.0~~	~~< 10.0~~	~~< 10.0~~
Acrylonitrile	2011-03	ug/L		~~< 10.0~~			~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 100~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~
Acrylonitrile	2011-04	ug/L					~~< 10.0~~		~~< 10.0~~	~~< 100~~	~~< 10.0~~						~~< 10.0~~	
Acrylonitrile	2011-06	ug/L		~~< 10.0~~									~~< 10.0~~			~~< 10.0~~	~~< 10.0~~	
Acrylonitrile	2011-07	ug/L	~~< 10.0~~															
Acrylonitrile	2011-08	ug/L		~~< 10.0~~														
Acrylonitrile	2011-09	ug/L	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 100~~	~~< 10.0~~	~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~
Acrylonitrile	2011-12	ug/L	~~< 10.0~~	~~< 10.0~~											~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Acrylonitrile	2012-03	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~~	~~< 10.0~~	~~< 10.0~~
Acrylonitrile	2012-06	ug/L																
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	2013-03	ug/L	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 100~~	~~< 10.0~~	~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~
Acrylonitrile	2013-06	ug/L																
Acrylonitrile	2013-09	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~~	~~< 10.0~~
Acrylonitrile	2013-11	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~~	~~< 10.0~~	~~< 10.0~~

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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
Acetophenone	2021-12	ug/L	<10.5															
Acetophenone	2022-10	ug/L			<8.77													
Acetophenone	2024-04	ug/L		<10.2														
Acrolein	2009-03	ug/L																
Acrolein	2009-06	ug/L																
Acrolein	2009-09	ug/L																
Acrolein	2009-12	ug/L																
Acrolein	2010-03	ug/L																
Acrolein	2010-06	ug/L																
Acrolein	2010-08	ug/L																
Acrolein	2010-09	ug/L																
Acrolein	2010-12	ug/L																
Acrolein	2011-03	ug/L																
Acrolein	2011-04	ug/L																
Acrolein	2011-06	ug/L																
Acrolein	2011-09	ug/L																
Acrolein	2011-12	ug/L																
Acrolein	2012-03	ug/L																
Acrolein	2014-12	ug/L																
Acrolein	2016-10	ug/L									<10					<10	<10	
Acrolein	2017-10	ug/L																
Acrolein	2017-12	ug/L			<10													
Acrolein	2018-07	ug/L								<10								
Acrolein	2018-10	ug/L								<10								
Acrolein	2019-05	ug/L		<10														
Acrolein	2021-10	ug/L																
Acrolein	2021-12	ug/L	<10															
Acrolein	2022-10	ug/L			<10													
Acrolein	2024-04	ug/L		<10														
Acrylonitrile	2008-01	ug/L																
Acrylonitrile	2008-03	ug/L																
Acrylonitrile	2008-08	ug/L																
Acrylonitrile	2008-09	ug/L																
Acrylonitrile	2008-10	ug/L																
Acrylonitrile	2009-03	ug/L																
Acrylonitrile	2009-06	ug/L																
Acrylonitrile	2009-09	ug/L																
Acrylonitrile	2009-12	ug/L																
Acrylonitrile	2010-03	ug/L																
Acrylonitrile	2010-06	ug/L	~~< 10.0~~	~~< 10.0~~														
Acrylonitrile	2010-08	ug/L	~~< 10.0~~	~~< 10.0~~														
Acrylonitrile	2010-09	ug/L	~~< 10.0~~	~~< 10.0~~														
Acrylonitrile	2010-12	ug/L	~~< 10.0~~	~~< 10.0~~														
Acrylonitrile	2011-03	ug/L	~~< 10.0~~	~~< 10.0~~														
Acrylonitrile	2011-04	ug/L																
Acrylonitrile	2011-06	ug/L																
Acrylonitrile	2011-07	ug/L																
Acrylonitrile	2011-08	ug/L																
Acrylonitrile	2011-09	ug/L	~~< 10.0~~	~~< 10.0~~														
Acrylonitrile	2011-12	ug/L																
Acrylonitrile	2012-03	ug/L	~~< 10.0~~	~~< 10.0~~														
Acrylonitrile	2012-06	ug/L									~~< 10.0~~	~~< 10.0~~		~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	
Acrylonitrile	2012-10	ug/L																
Acrylonitrile	2013-03	ug/L	~~< 10.0~~								~~< 10.0~~							
Acrylonitrile	2013-06	ug/L			~~< 10.0~~													
Acrylonitrile	2013-09	ug/L	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~						~~< 10.0~~							
Acrylonitrile	2013-11	ug/L			~~< 10.0~~													
Acrylonitrile	2014-03	ug/L	~~< 10.0~~		~~< 10.0~~						~~< 10.0~~							

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Table 20
Analytical Data Summary
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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
Acrylonitrile	2014-06	ug/L																
Acrylonitrile	2014-09	ug/L	~~< 10~~	~~< 10~~			~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10~~
Acrylonitrile	2014-12	ug/L															~~< 10.0~~	
Acrylonitrile	2015-04	ug/L	< 10.0	< 10			< 10	< 10.0	< 10	< 10	< 10	< 10.0	< 10.0			< 10.0	< 10	< 10
Acrylonitrile	2015-10	ug/L	<10	<10			<10	<10	<10	<10	<10	<10				<10	<10	<10
Acrylonitrile	2016-04	ug/L	<10	<10			<10	<10	<10	<10	<10	<10	<10			<10	<10	<10
Acrylonitrile	2016-10	ug/L	<10	<10			<10	<10	<10	<10	<10	<10	<10			<10	<10	<10
Acrylonitrile	2017-03	ug/L	<5	<5			<5	<5	<5	<5	<5	<5	<5			<5	<5	<5
Acrylonitrile	2017-10	ug/L	<5	<5			<5	<5	<5	<5	<5	<5				<5	<5	<5
Acrylonitrile	2017-12	ug/L					<5					<5						<5
Acrylonitrile	2018-04	ug/L	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5			<5	<5	<5
Acrylonitrile	2018-07	ug/L											<5					
Acrylonitrile	2018-10	ug/L	<5	<5			<5	<5	<5	<5	<5	<5	<5			<5	<5	<5
Acrylonitrile	2019-01	ug/L																
Acrylonitrile	2019-03	ug/L	<5	<5			<5	<5	<5	<5	<5	<5	<5			<5	<5	<5
Acrylonitrile	2019-05	ug/L																
Acrylonitrile	2019-10	ug/L	<5	<5			<5	<5	<10	<5	<5	<5	<5			<10	<5	<5
Acrylonitrile	2020-03	ug/L	<5	<5			<5	<5	<5	<5	<5	<5	<5			<5	<5	<5
Acrylonitrile	2020-09	ug/L	<5	<5			<5	<5	<5	<5	<5	<5	<5			<5	<5	<5
Acrylonitrile	2021-03	ug/L	<5	<5			<5	<5	<5	<5	<5	<5	<5			<5	<5	<5
Acrylonitrile	2021-05	ug/L																
Acrylonitrile	2021-08	ug/L																
Acrylonitrile	2021-10	ug/L	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5			<5	<5	<5
Acrylonitrile	2021-12	ug/L																
Acrylonitrile	2022-02	ug/L	<5		<5	<5												
Acrylonitrile	2022-04	ug/L	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5			<5	<5	<5
Acrylonitrile	2022-07	ug/L			<5	<5												
Acrylonitrile	2022-10	ug/L	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				<5	<5	<5
Acrylonitrile	2023-04	ug/L	<5	<5		<5	<5	<5	<5	<5	<5	<5	<5			<5	<5	<5
Acrylonitrile	2023-05	ug/L			<5													
Acrylonitrile	2023-10	ug/L	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				<5	<5	<5
Acrylonitrile	2024-04	ug/L	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5			<5	<5	<5
Acrylonitrile	2024-09	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5			< 5	< 5	< 5
Acrylonitrile	2025-03	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5			< 5	< 5	< 5
Acrylonitrile	2025-08	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5			< 5	< 5	< 5
Aldrin	2009-03	ug/L						~~< 0.032~~	~~< 0.032~~	~~< 0.032~~								
Aldrin	2009-06	ug/L					~~< 0.0320~~	~~< 0.032~~	~~< 0.032~~	~~< 0.0320~~	~~< 0.032~~			~~< 0.0320~~				
Aldrin	2009-09	ug/L					~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~			~~< 0.0320~~				
Aldrin	2009-12	ug/L					~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~			~~< 0.0320~~				
Aldrin	2010-03	ug/L					~~< 0.0320~~				~~< 0.0320~~			~~< 0.0320~~				
Aldrin	2010-06	ug/L										~~< 0.0320~~						
Aldrin	2010-08	ug/L										~~< 0.0320~~	~~< 0.0320~~					
Aldrin	2010-09	ug/L					~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~				
Aldrin	2010-12	ug/L										~~< 0.0320~~						
Aldrin	2011-03	ug/L						~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~			
Aldrin	2011-06	ug/L											~~< 0.0320~~		~~< 0.0320~~	~~< 0.0392~~	~~< 0.0320~~	
Aldrin	2011-09	ug/L					~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~		~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	
Aldrin	2011-12	ug/L													~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	
Aldrin	2012-03	ug/L														~~< 0.0320~~	~~< 0.0320~~	
Aldrin	2014-12	ug/L															~~< 0.0352~~	
Aldrin	2016-10	ug/L							<0.033	<0.032	<0.0344					<0.033	<0.033	
Aldrin	2017-10	ug/L						**0.00915 J**										
Aldrin	2017-12	ug/L					<0.0333					<0.0333						<0.0333
Aldrin	2018-07	ug/L											<0.0333					
Aldrin	2018-10	ug/L											**0.00708 J**					
Aldrin	2019-05	ug/L																
Aldrin	2021-10	ug/L							<0.0337	<0.0337	<0.0337					<0.0337	<0.0337	
Aldrin	2021-12	ug/L																

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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
Acrylonitrile	2014-06	ug/L		~~< 10.0~~	~~< 10.0~~													
Acrylonitrile	2014-09	ug/L	~~< 10~~	~~< 10~~	~~< 10~~						~~< 10~~							
Acrylonitrile	2014-12	ug/L																
Acrylonitrile	2015-04	ug/L	< 10.0	< 10.0	< 10.0						< 10							
Acrylonitrile	2015-10	ug/L	<10	<10	<10						<10					<10	<10	
Acrylonitrile	2016-04	ug/L	<10	<10	<10						<10					<10	<10	
Acrylonitrile	2016-10	ug/L	<10	<10	<10						<10					<10	<10	
Acrylonitrile	2017-03	ug/L	<5	<5	<5						<5					<5	<5	
Acrylonitrile	2017-10	ug/L	<5	<5	<5						<5					<5	<5	
Acrylonitrile	2017-12	ug/L			<5													
Acrylonitrile	2018-04	ug/L	<5	<5	<5						<5					<5	<5	
Acrylonitrile	2018-07	ug/L								<5								
Acrylonitrile	2018-10	ug/L	<5	<5	<5					<5	<5					<5	<5	
Acrylonitrile	2019-01	ug/L								<5								
Acrylonitrile	2019-03	ug/L	<5	<5	<5					<5	<5					<5	<5	
Acrylonitrile	2019-05	ug/L		<5						<5								
Acrylonitrile	2019-10	ug/L	<5	<5	<5					<5	<5					<5	<5	
Acrylonitrile	2020-03	ug/L	<5	<5	<5					<5	<5					<5	<5	
Acrylonitrile	2020-09	ug/L	<5	<5	<5					<5	<5					<5	<5	
Acrylonitrile	2021-03	ug/L	<5	<5	<5			<5	<5	<5	<5					<5	<5	
Acrylonitrile	2021-05	ug/L	<5															
Acrylonitrile	2021-08	ug/L						<5	<5									
Acrylonitrile	2021-10	ug/L	<5	<5	<5			<5	<5	<5	<5							
Acrylonitrile	2021-12	ug/L	<5															
Acrylonitrile	2022-02	ug/L						<5	<5									
Acrylonitrile	2022-04	ug/L	<5	<5	<5			<5	<5	<5	<5							
Acrylonitrile	2022-07	ug/L																
Acrylonitrile	2022-10	ug/L	<5	<5	<5			<5	<5	<5	<5							
Acrylonitrile	2023-04	ug/L	<5	<5	<5			<5	<5	<5	<5							
Acrylonitrile	2023-05	ug/L																
Acrylonitrile	2023-10	ug/L	<5	<5	<5			<5	<5	<5	<5							
Acrylonitrile	2024-04	ug/L	<5	<5	<5			<5	<5	<5	<5							
Acrylonitrile	2024-09	ug/L	< 5	< 5	< 5			< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Acrylonitrile	2025-03	ug/L	< 5	< 5	< 5			< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Acrylonitrile	2025-08	ug/L	< 5	< 5	< 5			< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Aldrin	2009-03	ug/L																
Aldrin	2009-06	ug/L																
Aldrin	2009-09	ug/L																
Aldrin	2009-12	ug/L																
Aldrin	2010-03	ug/L																
Aldrin	2010-06	ug/L																
Aldrin	2010-08	ug/L																
Aldrin	2010-09	ug/L																
Aldrin	2010-12	ug/L																
Aldrin	2011-03	ug/L																
Aldrin	2011-06	ug/L																
Aldrin	2011-09	ug/L																
Aldrin	2011-12	ug/L																
Aldrin	2012-03	ug/L																
Aldrin	2014-12	ug/L																
Aldrin	2016-10	ug/L									<0.0333					<0.0333	<0.0333	
Aldrin	2017-10	ug/L																
Aldrin	2017-12	ug/L			<0.0333													
Aldrin	2018-07	ug/L								<0.0323								
Aldrin	2018-10	ug/L								<0.033								
Aldrin	2019-05	ug/L		<0.0327														
Aldrin	2021-10	ug/L																
Aldrin	2021-12	ug/L	<0.0337															

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
Aldrin	2022-10	ug/L					<0.0542	<0.0561				<0.0542						<0.0582
Aldrin	2023-04	ug/L									<0.064							
Aldrin	2024-04	ug/L											<0.064					
Allyl Chloride	2009-03	ug/L						~~< 2~~	~~< 2~~	~~< 2~~								
Allyl Chloride	2009-06	ug/L					~~< 10.0~~	~~< 2~~	~~< 2~~	~~< 2.00~~	~~< 2~~			~~< 2.00~~				
Allyl Chloride	2009-09	ug/L					~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~			~~< 2.00~~				
Allyl Chloride	2009-12	ug/L					~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~			~~< 2.00~~				
Allyl Chloride	2010-03	ug/L					~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~			~~< 2.00~~				
Allyl Chloride	2010-06	ug/L										~~< 10.0~~						
Allyl Chloride	2010-08	ug/L										~~< 2.00~~	~~< 2.00~~					
Allyl Chloride	2010-09	ug/L					~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~				
Allyl Chloride	2010-12	ug/L										~~< 10.0~~						
Allyl Chloride	2011-03	ug/L					~~< 5.00~~	~~< 4.00~~	~~< 4.00~~	~~< 50.0~~	~~< 4.00~~	~~< 4.00~~	~~< 4.00~~	~~< 4.00~~	~~< 4.00~~			
Allyl Chloride	2011-04	ug/L					~~< 5.00~~		~~< 5.00~~	~~< 50.0~~	~~< 5.00~~						~~< 5.00~~	
Allyl Chloride	2011-06	ug/L											~~< 4.00~~		~~< 4.00~~	~~< 4.00~~	~~< 4.00~~	
Allyl Chloride	2011-09	ug/L					~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 20.0~~	~~< 2.00~~	~~< 2.00~~		~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	
Allyl Chloride	2011-12	ug/L													~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	
Allyl Chloride	2012-03	ug/L												~~< 2.00~~		~~< 2.00~~	~~< 2.00~~	
Allyl Chloride	2014-12	ug/L															~~< 2.00~~	
Allyl Chloride	2016-10	ug/L							<2	<2	<2					<2	<2	
Allyl Chloride	2017-10	ug/L						<2										
Allyl Chloride	2017-12	ug/L					<2					<2						<2
Allyl Chloride	2018-07	ug/L											<2					
Allyl Chloride	2018-10	ug/L											<2					
Allyl Chloride	2019-05	ug/L																
Allyl Chloride	2021-10	ug/L							<2	<2	<2					<2	<2	
Allyl Chloride	2021-12	ug/L																
Allyl Chloride	2022-10	ug/L					<2	<2				<2						<2
Allyl Chloride	2024-04	ug/L											<2					
alpha-BHC	2009-03	ug/L						~~< 0.032~~	~~< 0.032~~	~~< 0.032~~								
alpha-BHC	2009-06	ug/L					~~< 0.0320~~	~~< 0.032~~	~~< 0.032~~	~~< 0.0320~~	~~< 0.032~~			~~< 0.0320~~				
alpha-BHC	2009-09	ug/L					~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~			~~< 0.0320~~				
alpha-BHC	2009-12	ug/L					~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~			~~< 0.0320~~				
alpha-BHC	2010-03	ug/L					~~< 0.0320~~				~~< 0.0320~~			~~< 0.0320~~				
alpha-BHC	2010-06	ug/L										~~< 0.0320~~						
alpha-BHC	2010-08	ug/L										~~< 0.0320~~	~~< 0.0320~~					
alpha-BHC	2010-09	ug/L					~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~				
alpha-BHC	2010-12	ug/L										~~< 0.0320~~						
alpha-BHC	2011-03	ug/L						~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~			
alpha-BHC	2011-06	ug/L											~~< 0.0320~~		~~< 0.0320~~	~~< 0.0392~~	~~< 0.0320~~	
alpha-BHC	2011-09	ug/L					~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~		~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	
alpha-BHC	2011-12	ug/L													~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	
alpha-BHC	2012-03	ug/L														~~< 0.0320~~	~~< 0.0320~~	
alpha-BHC	2014-12	ug/L															~~**0.00314**~~	
alpha-BHC	2016-10	ug/L							<0.033	<0.032	**0.00362 J**					<0.033	<0.033	
alpha-BHC	2017-10	ug/L						**0.00573 J**										
alpha-BHC	2017-12	ug/L					<0.0333					**0.00235 J**						<0.0333
alpha-BHC	2018-07	ug/L											**0.00771 J**					
alpha-BHC	2018-10	ug/L											<0.033					
alpha-BHC	2019-05	ug/L																
alpha-BHC	2021-10	ug/L							<0.0337	<0.0337	<0.0337					<0.0337	<0.0337	
alpha-BHC	2021-12	ug/L																
alpha-BHC	2022-10	ug/L					<0.0542	<0.0561				<0.0542						<0.0582
alpha-BHC	2023-04	ug/L									<0.064							
alpha-BHC	2024-04	ug/L											<0.064					
Anthracene	2009-03	ug/L						~~< 10~~	~~< 10~~	~~< 10~~								
Anthracene	2009-06	ug/L					~~< 10.0~~	~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10~~			~~< 10.0~~				
Anthracene	2009-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				

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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
Aldrin	2022-10	ug/L			<0.0542													
Aldrin	2023-04	ug/L	<0.064															
Aldrin	2024-04	ug/L		<0.064														
Allyl Chloride	2009-03	ug/L																
Allyl Chloride	2009-06	ug/L																
Allyl Chloride	2009-09	ug/L																
Allyl Chloride	2009-12	ug/L																
Allyl Chloride	2010-03	ug/L																
Allyl Chloride	2010-06	ug/L																
Allyl Chloride	2010-08	ug/L																
Allyl Chloride	2010-09	ug/L																
Allyl Chloride	2010-12	ug/L																
Allyl Chloride	2011-03	ug/L																
Allyl Chloride	2011-04	ug/L																
Allyl Chloride	2011-06	ug/L																
Allyl Chloride	2011-09	ug/L																
Allyl Chloride	2011-12	ug/L																
Allyl Chloride	2012-03	ug/L																
Allyl Chloride	2014-12	ug/L																
Allyl Chloride	2016-10	ug/L									<2					<2	<2	
Allyl Chloride	2017-10	ug/L																
Allyl Chloride	2017-12	ug/L			<2													
Allyl Chloride	2018-07	ug/L								<2								
Allyl Chloride	2018-10	ug/L								<2								
Allyl Chloride	2019-05	ug/L		<2														
Allyl Chloride	2021-10	ug/L																
Allyl Chloride	2021-12	ug/L	<2															
Allyl Chloride	2022-10	ug/L			<2													
Allyl Chloride	2024-04	ug/L		<2														
alpha-BHC	2009-03	ug/L																
alpha-BHC	2009-06	ug/L																
alpha-BHC	2009-09	ug/L																
alpha-BHC	2009-12	ug/L																
alpha-BHC	2010-03	ug/L																
alpha-BHC	2010-06	ug/L																
alpha-BHC	2010-08	ug/L																
alpha-BHC	2010-09	ug/L																
alpha-BHC	2010-12	ug/L																
alpha-BHC	2011-03	ug/L																
alpha-BHC	2011-06	ug/L																
alpha-BHC	2011-09	ug/L																
alpha-BHC	2011-12	ug/L																
alpha-BHC	2012-03	ug/L																
alpha-BHC	2014-12	ug/L																
alpha-BHC	2016-10	ug/L									<0.0333					<0.0333	<0.0333	
alpha-BHC	2017-10	ug/L																
alpha-BHC	2017-12	ug/L			<0.0333													
alpha-BHC	2018-07	ug/L								<0.0323								
alpha-BHC	2018-10	ug/L								<0.033								
alpha-BHC	2019-05	ug/L		<0.0327														
alpha-BHC	2021-10	ug/L																
alpha-BHC	2021-12	ug/L	**0.0174 J**															
alpha-BHC	2022-10	ug/L			<0.0542													
alpha-BHC	2023-04	ug/L	<0.064															
alpha-BHC	2024-04	ug/L		<0.064														
Anthracene	2009-03	ug/L																
Anthracene	2009-06	ug/L																
Anthracene	2009-09	ug/L																

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
Anthracene	2009-12	ug/L					< 10.0	< 10.0	< 10.0	< 10.0	< 10.0			< 10.0				
Anthracene	2010-03	ug/L					< 10.0				< 10.0			< 10.0				
Anthracene	2010-06	ug/L										< 10.0						
Anthracene	2010-08	ug/L										< 10.0	< 10.0					
Anthracene	2010-09	ug/L					< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0				
Anthracene	2010-12	ug/L										< 10.0						
Anthracene	2011-03	ug/L											< 10.0		< 10.0			
Anthracene	2011-06	ug/L											< 10.0		< 10.0	< 10.0	< 10.0	
Anthracene	2011-09	ug/L					< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	
Anthracene	2011-12	ug/L													< 10.0	< 10.0	< 10.0	
Anthracene	2012-03	ug/L														< 10.0	< 10.0	
Anthracene	2014-12	ug/L															< 10.2	
Anthracene	2016-10	ug/L							<10	<10	<10.9					<11.2	<11.1	
Anthracene	2017-10	ug/L						<10.5										
Anthracene	2017-12	ug/L					<10.6					<10.4						<10.4
Anthracene	2018-07	ug/L											<10.4					
Anthracene	2018-10	ug/L											<10.4					
Anthracene	2019-05	ug/L																
Anthracene	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
Anthracene	2021-12	ug/L																
Anthracene	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
Anthracene	2024-04	ug/L											<10.6					
Antimony	2008-01	mg/L					< 0.006	< 0.006	< 0.00600	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006			
Antimony	2008-03	mg/L					< 0.00600	< 0.00600	< 0.00600	< 0.00600	< 0.00600	< 0.00600	< 0.00600	< 0.00600	< 0.00600			
Antimony	2008-08	mg/L					< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006			
Antimony	2008-09	mg/L					< 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			
Antimony	2009-03	mg/L					< 0.006	< 0.006	< 0.012	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006			
Antimony	2009-06	mg/L					< 0.00600	< 0.006	< 0.006	< 0.00600	< 0.006			< 0.00600				
Antimony	2009-09	mg/L					< 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	< 0.00600	< 0.00600	< 0.00600			< 0.00600				
Antimony	2010-03	mg/L					< 0.00600	< 0.0300	< 0.0300	< 0.00600	< 0.00600	< 0.00600	< 0.0120	< 0.00600	< 0.00600			
Antimony	2010-06	mg/L										< 0.00600				< 0.00600	< 0.00600	< 0.00600
Antimony	2010-08	mg/L										< 0.00600	< 0.00600			< 0.00600	< 0.00600	< 0.00600
Antimony	2010-09	mg/L					**0.0118**	**0.00863**	**0.00913**	< 0.00600	< 0.00600	**0.0107**	**0.0192**	< 0.00600	**0.00859**	< 0.00600	**0.0111**	< 0.00600
Antimony	2010-12	mg/L										< 0.00600				< 0.00600	< 0.00600	< 0.00600
Antimony	2011-03	mg/L		< 0.00600			< 0.00600	< 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									< 0.00600		< 0.00600	< 0.00600	< 0.00600	
Antimony	2011-07	mg/L	< 0.00600															
Antimony	2011-08	mg/L		< 0.00600														
Antimony	2011-09	mg/L	< 0.00600	< 0.00600			< 0.00600	< 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											< 0.00600	< 0.00600	< 0.00600	
Antimony	2012-03	mg/L	< 0.00600	< 0.00600			< 0.00600	< 0.00600	< 0.00600	< 0.00600	< 0.00600	< 0.00600	< 0.00600	< 0.00600	< 0.00600	< 0.00600	< 0.00600	< 0.00600
Antimony	2012-04	mg/L																
Antimony	2012-06	mg/L																
Antimony	2012-10	mg/L	< 0.0120	< 0.00600			< 0.0120	< 0.00600	< 0.00600	< 0.00600	< 0.00600			< 0.0120	< 0.00600	< 0.0120	< 0.00600	< 0.00600
Antimony	2013-03	mg/L	< 0.00600	< 0.00600			**0.000674**	**0.00349**	< 0.00600	< 0.00600	< 0.00600	< 0.00600		< 0.00600	< 0.00600	< 0.00600	**0.00165**	< 0.00600
Antimony	2013-06	mg/L																
Antimony	2013-09	mg/L	**0.00192**	< 0.00600			**0.00195**	**0.00743**	**0.00196**	**0.00206**	**0.00298**	**0.00300**		**0.00231**	< 0.00600	< 0.00600	**0.00450**	**0.00119**
Antimony	2013-11	mg/L																
Antimony	2014-03	mg/L	< 0.00600	< 0.0120			< 0.00600	< 0.00600	< 0.00600	< 0.00600	< 0.00600	< 0.00600	< 0.00600	< 0.00600	< 0.00600	< 0.00600	< 0.00600	< 0.0120
Antimony	2014-06	mg/L																
Antimony	2014-09	mg/L	< 0.001	< 0.001			< 0.00100	< 0.00100	< 0.00100	**0.000185**	< 0.001	**0.000178**	< 0.001	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.001
Antimony	2014-12	mg/L															< 0.00100	
Antimony	2015-04	mg/L	< 0.00100	< 0.001			< 0.001	< 0.00100	< 0.001	< 0.001	< 0.001	< 0.00100	< 0.00100			**0.000228**	< 0.001	< 0.001
Antimony	2015-10	mg/L	<0.006	**0.000192 J**			<0.006	<0.006	<0.006	**0.000216 J**	<0.006	<0.006				<0.006	<0.006	<0.006
Antimony	2016-04	mg/L	<0.001	<0.001			**0.00035 J**	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			<0.001	<0.001	<0.001
Antimony	2016-10	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

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Table 20
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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
Anthracene	2009-12	ug/L																
Anthracene	2010-03	ug/L																
Anthracene	2010-06	ug/L																
Anthracene	2010-08	ug/L																
Anthracene	2010-09	ug/L																
Anthracene	2010-12	ug/L																
Anthracene	2011-03	ug/L																
Anthracene	2011-06	ug/L																
Anthracene	2011-09	ug/L																
Anthracene	2011-12	ug/L																
Anthracene	2012-03	ug/L																
Anthracene	2014-12	ug/L																
Anthracene	2016-10	ug/L									<10.4					<10.3	<10.2	
Anthracene	2017-10	ug/L																
Anthracene	2017-12	ug/L			<10.4													
Anthracene	2018-07	ug/L								<10.1								
Anthracene	2018-10	ug/L								<10.3								
Anthracene	2019-05	ug/L		<10.1														
Anthracene	2021-10	ug/L																
Anthracene	2021-12	ug/L	<10.5															
Anthracene	2022-10	ug/L			<8.77													
Anthracene	2024-04	ug/L		<10.2														
Antimony	2008-01	mg/L																
Antimony	2008-03	mg/L																
Antimony	2008-08	mg/L																
Antimony	2008-09	mg/L																
Antimony	2008-10	mg/L																
Antimony	2009-03	mg/L																
Antimony	2009-06	mg/L																
Antimony	2009-09	mg/L																
Antimony	2009-12	mg/L																
Antimony	2010-03	mg/L																
Antimony	2010-06	mg/L	~~< 0.00600~~	~~< 0.00600~~														
Antimony	2010-08	mg/L	~~< 0.00600~~	~~< 0.00600~~														
Antimony	2010-09	mg/L	~~**0.00962**~~	~~< 0.00600~~														
Antimony	2010-12	mg/L	~~< 0.00600~~	~~< 0.00600~~														
Antimony	2011-03	mg/L	~~< 0.00600~~	~~< 0.00600~~														
Antimony	2011-06	mg/L																
Antimony	2011-07	mg/L																
Antimony	2011-08	mg/L																
Antimony	2011-09	mg/L	~~< 0.00600~~	~~< 0.00600~~														
Antimony	2011-12	mg/L																
Antimony	2012-03	mg/L	~~< 0.00600~~	~~< 0.00600~~														
Antimony	2012-04	mg/L									~~< 0.00600~~	~~< 0.00600~~		~~< 0.00600~~		~~< 0.00600~~	~~< 0.00600~~	
Antimony	2012-06	mg/L									~~< 0.0120~~	~~< 0.00600~~		~~< 0.00600~~		~~< 0.0120~~	~~< 0.00600~~	
Antimony	2012-10	mg/L									~~< 0.00600~~			~~< 0.00600~~		~~< 0.00600~~	~~< 0.00600~~	
Antimony	2013-03	mg/L	~~**0.00144**~~								~~< 0.00600~~					~~< 0.00600~~	~~< 0.00600~~	
Antimony	2013-06	mg/L			~~< 0.00600~~													
Antimony	2013-09	mg/L	~~**0.00181**~~	~~**0.00134**~~	~~< 0.00600~~						~~< 0.00600~~					~~**0.00506**~~	~~< 0.00600~~	
Antimony	2013-11	mg/L			~~< 0.00600~~													
Antimony	2014-03	mg/L	~~< 0.00600~~		~~< 0.00600~~						~~< 0.00600~~					~~< 0.0120~~	~~< 0.00600~~	
Antimony	2014-06	mg/L		~~< 0.00600~~	~~**0.00373**~~													
Antimony	2014-09	mg/L	~~< 0.001~~	~~< 0.001~~	~~< 0.001~~						~~< 0.001~~					~~< 0.001~~	~~< 0.001~~	
Antimony	2014-12	mg/L																
Antimony	2015-04	mg/L	< 0.00100	< 0.00100	< 0.00100						**0.000486**					< 0.00100	< 0.00100	
Antimony	2015-10	mg/L	<0.006	<0.006	<0.006						~~<0.006~~					<0.006	<0.006	
Antimony	2016-04	mg/L	<0.001	<0.001	<0.001						**0.000689 J**					<0.001	<0.001	
Antimony	2016-10	mg/L	<0.001	<0.001	<0.001						**0.000688 J**					<0.001	<0.001	

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
Antimony	2017-03	mg/L	<0.001	<0.001			<0.001	<0.001	**0.000291 J**	<0.001	<0.001	<0.001	<0.001			<0.001	<0.001	<0.001
Antimony	2017-10	mg/L	<0.001	**0.000222 J**			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001				<0.001	<0.001	<0.001
Antimony	2017-12	mg/L					**0.000266 J**					<0.001						<0.001
Antimony	2018-04	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
Antimony	2018-07	mg/L											<0.001					
Antimony	2018-10	mg/L	<0.001	<0.001			<0.001	<0.001	<0.001	~~**0.0579 o**~~	<0.001	**0.00073 J**	<0.001			<0.001	<0.001	<0.001
Antimony	2019-01	mg/L																
Antimony	2019-03	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
Antimony	2019-05	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	2020-03	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
Antimony	2020-09	mg/L	<0.001	<0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			**0.00113**	<0.001	<0.001
Antimony	2020-11	mg/L	<0.001															
Antimony	2020-12	mg/L	<0.001															
Antimony	2021-03	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	2021-05	mg/L																
Antimony	2021-08	mg/L																
Antimony	2021-10	mg/L	<0.002	**0.00111 J**	<0.002		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002			<0.002	<0.002	<0.002
Antimony	2021-12	mg/L																
Antimony	2022-02	mg/L	<0.002		<0.002	<0.002												
Antimony	2022-04	mg/L	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002			**0.000937 J**	<0.002	<0.002
Antimony	2022-07	mg/L			<0.002	<0.002												
Antimony	2022-10	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	<0.002
Antimony	2023-04	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	<0.002
Antimony	2023-05	mg/L			<0.002													
Antimony	2023-10	mg/L	<0.002	<0.002	<0.002	<0.002	<0.002	**0.00193 J**	<0.002	<0.002	<0.002	<0.002				<0.002	**0.00192 J**	<0.002
Antimony	2024-04	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	<0.002	<0.002
Antimony	2024-05	mg/L																
Antimony	2024-09	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	< 0.002
Antimony	2025-03	mg/L	< 0.002	< 0.002	< 0.002	< 0.002	**0.00135 J**	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	**0.00129 J**			< 0.002	< 0.002	< 0.002
Antimony	2025-08	mg/L	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	**0.00115 J**	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002			**0.00122 J**	< 0.002	< 0.002
Arsenic	2008-01	mg/L					~~**0.00161**~~	~~< 0.001~~	~~**0.00501**~~	~~**0.0126**~~	~~**0.00315**~~	~~**0.0082**~~	~~**0.00108**~~	~~**0.0148**~~	~~**0.0038**~~			
Arsenic	2008-03	mg/L					~~< 0.00100~~	~~< 0.00300~~	~~**0.00203**~~	~~**0.0055**~~	~~< 0.00100~~	~~< 0.00100~~	~~< 0.00100~~	~~**0.00146**~~	~~< 0.00100~~			
Arsenic	2008-08	mg/L					~~**0.00147**~~	~~< 0.001~~	~~**0.0062**~~	~~**0.00798**~~	~~**0.00443**~~	~~**0.00242**~~	~~< 0.001~~	~~**0.00769**~~	~~**0.00191**~~			
Arsenic	2008-09	mg/L					~~**0.00183**~~	~~< 0.001~~	~~**0.00715**~~	~~**0.0117**~~	~~**0.00303**~~	~~< 0.001~~	~~< 0.001~~	~~< 0.001~~	~~< 0.001~~			
Arsenic	2008-10	mg/L					~~< 0.005~~	~~< 0.005~~	~~< 0.005~~	~~**0.0078**~~	~~< 0.005~~	~~< 0.005~~	~~< 0.001~~	~~**0.00131**~~	~~< 0.001~~			
Arsenic	2009-03	mg/L					~~**0.00247**~~	~~**0.00107**~~	~~**0.00791**~~	~~**0.0103**~~	~~**0.00264**~~	~~< 0.001~~	~~< 0.001~~	~~**0.00105**~~	~~< 0.001~~			
Arsenic	2009-06	mg/L					~~**0.00481**~~	~~**0.00172**~~	~~**0.0107**~~	~~**0.0128**~~	~~**0.00444**~~			~~**0.00354**~~				
Arsenic	2009-09	mg/L					~~**0.00211**~~	~~**0.00125**~~	~~**0.00743**~~	~~**0.00848**~~	~~**0.004**~~	~~**0.00338**~~	~~**0.00104**~~	~~**0.00333**~~	~~< 0.00100~~			
Arsenic	2009-12	mg/L					~~**0.00215**~~	~~< 0.00100~~	~~**0.0104**~~	~~**0.0102**~~	~~**0.00408**~~			~~< 0.00100~~				
Arsenic	2010-03	mg/L					~~< 0.00100~~	~~< 0.00400~~	~~**0.005**~~	~~**0.00614**~~	~~**0.00277**~~	~~< 0.00100~~	~~< 0.00400~~	~~< 0.00100~~	~~< 0.00400~~			
Arsenic	2010-06	mg/L										~~< 0.00100~~				~~**0.0123**~~	~~**0.00448**~~	~~< 0.00100~~
Arsenic	2010-08	mg/L																
Arsenic	2010-08	mg/L										~~< 0.00100~~	~~< 0.00100~~			~~**0.0166**~~	~~**0.00352**~~	~~< 0.00100~~
Arsenic	2010-09	mg/L					~~< 0.00400~~	~~< 0.00800~~	~~**0.00862**~~	~~**0.0139**~~	~~< 0.00300~~	~~< 0.00100~~	~~< 0.00100~~	~~< 0.00100~~	~~< 0.00100~~	~~**0.0188**~~	~~< 0.00300~~	~~< 0.00100~~
Arsenic	2010-12	mg/L										~~< 0.00300~~				~~**0.0135**~~	~~**0.00734**~~	~~< 0.00100~~
Arsenic	2011-03	mg/L		~~< 0.00100~~			~~< 0.00100~~	~~< 0.00200~~	~~**0.00409**~~	~~**0.00567**~~	~~< 0.00100~~	~~< 0.00200~~	~~< 0.0300~~	~~< 0.00100~~	~~< 0.00200~~	~~**0.0052**~~	~~**0.00442**~~	~~< 0.0400~~
Arsenic	2011-06	mg/L		~~< 0.00100~~									~~< 0.00400~~		~~< 0.00100~~	~~**0.0122**~~	~~**0.00398**~~	
Arsenic	2011-07	mg/L	~~**0.00227**~~															
Arsenic	2011-08	mg/L		~~< 0.00100~~														
Arsenic	2011-09	mg/L	~~**0.0133**~~	~~< 0.00100~~			~~< 0.00100~~	~~< 0.00100~~	~~**0.00683**~~	~~**0.00838**~~	~~**0.00251**~~	~~< 0.00200~~		~~< 0.00100~~	~~< 0.00100~~	~~< 0.00100~~	~~< 0.00100~~	~~< 0.00100~~
Arsenic	2011-12	mg/L	~~**0.0103**~~	~~< 0.00100~~											~~< 0.00200~~	~~**0.00877**~~	~~**0.00599**~~	
Arsenic	2012-03	mg/L	~~**0.0106**~~	~~**0.00228**~~			~~< 0.00100~~	~~< 0.00200~~	~~**0.00636**~~	~~**0.00376**~~	~~< 0.00100~~	~~< 0.00600~~	~~< 0.00300~~	~~< 0.00100~~	~~< 0.00200~~	~~**0.0101**~~	~~**0.005**~~	~~< 0.00200~~
Arsenic	2012-04	mg/L																
Arsenic	2012-06	mg/L																
Arsenic	2012-10	mg/L	~~**0.011**~~	~~< 0.00100~~			~~**0.00126**~~	~~< 0.00100~~	~~**0.00762**~~	~~**0.0121**~~	~~**0.00177**~~			~~< 0.00100~~	~~< 0.00100~~	~~**0.0174**~~	~~**0.00921**~~	~~**0.00144**~~
Arsenic	2013-03	mg/L	~~**0.000711**~~	~~< 0.00100~~			~~< 0.00100~~	~~< 0.00100~~	~~**0.00755**~~	~~**0.0117**~~	~~**0.00122**~~	~~< 0.00100~~		~~< 0.00100~~	~~< 0.00100~~	~~< 0.00100~~	~~**0.006**~~	~~**0.00274**~~
Arsenic	2013-06	mg/L																

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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
Antimony	2017-03	mg/L	<0.001	<0.001	<0.001						**0.000373 J**					<0.001	<0.001	
Antimony	2017-10	mg/L	<0.001	<0.001	<0.001						**0.000433 J**					<0.001	**0.000186 J**	
Antimony	2017-12	mg/L			<0.001													
Antimony	2018-04	mg/L	<0.001	<0.001	<0.001						**0.00129**					<0.001	<0.001	
Antimony	2018-07	mg/L								<0.001								
Antimony	2018-10	mg/L	<0.001	<0.001	<0.001					**0.000619 J**	**0.0023**					<0.001	<0.001	
Antimony	2019-01	mg/L								<0.001								
Antimony	2019-03	mg/L	<0.001	<0.001	<0.001					<0.001	<0.001					<0.001	<0.001	
Antimony	2019-05	mg/L		<0.003						<0.003								
Antimony	2019-10	mg/L	<0.001	<0.001	<0.001					**0.00165**	**0.00152**					<0.001	<0.001	
Antimony	2020-03	mg/L	<0.001	<0.001	<0.001					<0.001	**0.000743 J**					<0.001	<0.001	
Antimony	2020-09	mg/L	<0.001	<0.001	<0.001					<0.001	**0.00115**					<0.001	<0.001	
Antimony	2020-11	mg/L																
Antimony	2020-12	mg/L																
Antimony	2021-03	mg/L	<0.002	<0.002	<0.002			<0.002	<0.002	<0.002	**0.00189 J**					<0.002	<0.002	
Antimony	2021-05	mg/L	<0.002															
Antimony	2021-08	mg/L						<0.002	<0.002									
Antimony	2021-10	mg/L	<0.002	<0.002	<0.002			<0.002	<0.002	<0.002	~~<0.002~~							
Antimony	2021-12	mg/L	<0.002															
Antimony	2022-02	mg/L						**0.00191 J**	<0.002									
Antimony	2022-04	mg/L	<0.014	<0.002	<0.002			<0.002	<0.002	<0.002	**0.00109 J**							
Antimony	2022-07	mg/L																
Antimony	2022-10	mg/L	<0.002	<0.002	<0.002			<0.002	<0.002	<0.002	~~<0.002~~							
Antimony	2023-04	mg/L	<0.002	<0.002	<0.002			<0.002	<0.002	<0.002	~~<0.002~~							
Antimony	2023-05	mg/L																
Antimony	2023-10	mg/L	<0.002	<0.002	<0.002			<0.002	<0.002	<0.002	**0.0011 J**							
Antimony	2024-04	mg/L	<0.002	<0.002	<0.002			<0.002	<0.002	<0.002	<0.002							
Antimony	2024-05	mg/L						<0.002				<0.002	<0.002	<0.002	<0.002			<0.002
Antimony	2024-09	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	< 0.002
Antimony	2025-03	mg/L	< 0.002	< 0.002	< 0.002			< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	**0.00115 J**	< 0.002	< 0.002	< 0.002
Antimony	2025-08	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	**0.00116 J**	< 0.002
Arsenic	2008-01	mg/L																
Arsenic	2008-03	mg/L																
Arsenic	2008-08	mg/L																
Arsenic	2008-09	mg/L																
Arsenic	2008-10	mg/L																
Arsenic	2009-03	mg/L																
Arsenic	2009-06	mg/L																
Arsenic	2009-09	mg/L																
Arsenic	2009-12	mg/L																
Arsenic	2010-03	mg/L																
Arsenic	2010-06	mg/L	~~< 0.00100~~	~~< 0.00100~~														
Arsenic	2010-08	mg/L		~~< 0.00100~~														
Arsenic	2010-08	mg/L	~~< 0.00100~~															
Arsenic	2010-09	mg/L	~~< 0.00100~~	~~< 0.00100~~														
Arsenic	2010-12	mg/L	~~< 0.00100~~	~~< 0.00100~~														
Arsenic	2011-03	mg/L	~~< 0.00100~~	~~< 0.00100~~														
Arsenic	2011-06	mg/L																
Arsenic	2011-07	mg/L																
Arsenic	2011-08	mg/L																
Arsenic	2011-09	mg/L	~~< 0.00100~~	~~< 0.00100~~														
Arsenic	2011-12	mg/L																
Arsenic	2012-03	mg/L	~~< 0.00100~~	~~< 0.00100~~														
Arsenic	2012-04	mg/L									~~**0.0434**~~	~~**0.00133**~~		~~**0.00205**~~		~~**0.0014**~~	~~< 0.00200~~	
Arsenic	2012-06	mg/L									~~**0.0221**~~	~~< 0.00200~~		~~< 0.00100~~		~~< 0.00100~~	~~< 0.00100~~	
Arsenic	2012-10	mg/L									~~**0.00138**~~			~~**0.00132**~~		~~< 0.00100~~	~~< 0.00100~~	
Arsenic	2013-03	mg/L	~~< 0.00100~~								~~**0.0314**~~					~~**0.00209**~~	~~**0.000416**~~	
Arsenic	2013-06	mg/L			~~**0.00117**~~													

Cedar Rapids Linn County Solid Waste Agency Site 2
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Table 20
Analytical Data Summary
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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
Arsenic	2013-09	mg/L	0.0232	< 0.00100			0.0019	0.000276	0.0107	0.0112	0.00134	< 0.00100		< 0.00100	< 0.00100	0.00847	0.00703	< 0.00100
Arsenic	2013-11	mg/L																
Arsenic	2014-03	mg/L	0.00942	< 0.00100			< 0.00100	< 0.00200	0.0037	0.00626	< 0.00100	< 0.00200	< 0.00200	0.000205	< 0.00200	< 0.00100	0.00631	< 0.00100
Arsenic	2014-06	mg/L																
Arsenic	2014-09	mg/L	0.0112	< 0.002			0.0019	0.00128	0.00579	0.0105	0.00309	< 0.002	< 0.002	0.00265	< 0.00200	< 0.00200	0.00882	< 0.002
Arsenic	2014-12	mg/L															0.0119	
Arsenic	2015-04	mg/L	0.00215	< 0.002			0.00187	0.00136	0.00656	0.00943	0.00224 o	< 0.002 o	< 0.00200			< 0.00200	0.0108	< 0.002
Arsenic	2015-10	mg/L	0.0242	<0.002			0.00328	0.00233	0.0125	0.0136	0.00465 o	<0.002				0.00374	0.0101	<0.002
Arsenic	2016-04	mg/L	0.00226	<0.002			0.00131 J	0.000864 J	0.00485	0.008725	0.00306	<0.002	<0.002			<0.002	0.0099	<0.002
Arsenic	2016-10	mg/L	0.00824	<0.002			0.0184	0.00413	0.0143	0.00978	0.00328	0.000682 J	<0.002			0.00458	0.00917	<0.002
Arsenic	2017-03	mg/L	0.0042	0.00216			0.00348	0.000967 J	0.00322	0.00534	0.0028	<0.002	<0.002			0.00149 J	0.00437	<0.002
Arsenic	2017-06	mg/L	0.00713	0.00385			0.00271											
Arsenic	2017-10	mg/L	0.00447	0.00117 J			0.00473	0.00193 J	0.00673	0.00689	0.0034	0.000832 J				0.0032	0.00807	<0.002
Arsenic	2017-12	mg/L					0.00751					0.000537 J						0.000828 J
Arsenic	2018-04	mg/L	0.00238	0.00191 J	0.00287		0.002	0.000801 J	0.00841	0.00424	0.00282	0.000571 J	<0.002			0.000774 J	0.00525	0.000602 J
Arsenic	2018-07	mg/L											<0.002					
Arsenic	2018-10	mg/L	0.0046	<0.002			0.00368	0.0015 J	0.00801	<0.002	0.00569 o	0.000825 J	0.000619 J			0.00206	0.00575	0.000826 J
Arsenic	2019-01	mg/L																
Arsenic	2019-03	mg/L	0.00173 J	<0.002			0.00455	0.00112 J	0.00613	0.00841	0.003	<0.002	<0.002			<0.002	0.00947	<0.002
Arsenic	2019-05	mg/L																
Arsenic	2019-10	mg/L	0.00552	<0.002			0.0013 J	0.000871 J	0.00547	0.00498	0.00307	<0.002	<0.002			<0.002	0.00794	0.000975 J
Arsenic	2020-03	mg/L	0.00864	0.00415			0.00152 J	<0.002	0.00316	0.00371	0.00321	<0.002	<0.002			<0.002	0.00707	<0.002
Arsenic	2020-09	mg/L	0.044	<0.002			0.000951 J	<0.002	0.00298	0.00604	0.00311	<0.002	<0.002			0.00155 J	0.00797	<0.002
Arsenic	2020-11	mg/L	0.0789															
Arsenic	2020-12	mg/L	0.0263															
Arsenic	2021-03	mg/L	0.0077	0.0069			<0.002	<0.002	0.00166 J	0.00551	0.00302	<0.002	0.00152 J			<0.002	0.00628	<0.002
Arsenic	2021-05	mg/L																
Arsenic	2021-08	mg/L																
Arsenic	2021-10	mg/L	0.023	0.00158 J	0.00455		0.00158 J	0.00186 J	0.00511	0.0105	0.00312	<0.002	<0.002			0.00257	0.0113	0.00126 J
Arsenic	2021-12	mg/L																
Arsenic	2022-02	mg/L	0.00209		0.00316	0.00175 J												
Arsenic	2022-04	mg/L	0.00213	0.00104 J	0.00269	0.00197 J	<0.002	<0.002	0.000885 J	0.00382	0.00337	<0.002	0.00516			<0.002	0.00495	<0.002
Arsenic	2022-07	mg/L			0.00235	0.00309												
Arsenic	2022-10	mg/L	0.0154	0.0264 o	0.00279	0.00228	0.0048	<0.002	0.00249	0.00711	0.00262	<0.002				0.00175 J	0.00743	0.00212
Arsenic	2022-12	mg/L		0.000983 J														
Arsenic	2023-04	mg/L	0.00862	0.00185 J		0.00295	0.00134 J	0.000751 J	0.00181 J	0.00435	0.00329	0.000596 J	0.00292			0.000895 J	0.00291	0.000756 J
Arsenic	2023-05	mg/L			0.00231													
Arsenic	2023-10	mg/L	0.0103	0.000902 J	0.00225	0.00255	0.00147 J	0.00174 J	0.00313	0.0208	0.00272	0.000677 J				0.00307	0.0101	0.000787 J
Arsenic	2024-04	mg/L	0.00735	0.00238	0.00181 J	0.00213	0.00124 J	<0.002	0.000845 J	0.00296	0.00281	0.000746 J	0.0111			<0.002	0.00467	0.000745 J
Arsenic	2024-05	mg/L											0.021					
Arsenic	2024-09	mg/L	0.00243	0.00104 J	0.00171 J	0.00211	0.00128 J	0.000987 J	0.000918 J	0.00554	0.00387	0.000589 J	0.01			0.00059 J	0.00868	0.000793 J
Arsenic	2025-03	mg/L	0.00278	0.00178 J	0.00125 J	0.00181 J	0.000833 J	0.000894 J	0.000847 J	0.0022	0.00278	0.000581 J	0.0154			< 0.002	0.00508	0.000732 J
Arsenic	2025-08	mg/L	0.00132 J	0.000774 J	0.00138 J	0.00199 J	0.00129 J	0.00134 J	0.00132 J	0.00318	0.00387	0.00073 J	0.0193			0.000719 J	0.00835	0.000902 J
Barium	2008-01	mg/L					0.247	0.0424	0.0692	1.61	0.809	0.179	0.176	0.408	0.561			
Barium	2008-03	mg/L					0.136	0.031	0.0587	0.791	0.706	0.0446	0.142	0.365	0.47			
Barium	2008-08	mg/L					0.283	0.0458	0.0634	1.47	0.905	0.124	0.142	0.489	0.54			
Barium	2008-09	mg/L					0.29	0.0348	0.0636	1.57	0.831	0.111	0.211	0.423	0.332			
Barium	2008-10	mg/L					0.326	0.0457	0.0675	1.85	0.85	0.0312	0.177	0.29	0.244			
Barium	2009-03	mg/L					0.312	0.0355	0.0638	1.57	0.828	0.0226	0.167	0.261	0.353			
Barium	2009-06	mg/L					0.262	0.0282	0.0697	1.72	0.727			0.321				
Barium	2009-09	mg/L					0.294	0.0508	0.0925	1.46	0.777	0.0344	0.0683	0.446	0.445			
Barium	2009-12	mg/L					0.221	0.0339	0.101	1.13	0.745			0.423				
Barium	2010-03	mg/L					0.173	0.0303	0.101	1.42	0.951	0.0458	0.0709	0.375	0.347			
Barium	2010-06	mg/L										0.0404				0.555	0.138	0.121
Barium	2010-08	mg/L										0.0279	0.0846			0.552	0.144	0.118
Barium	2010-09	mg/L					0.196	0.0378	0.156	1.64	0.777	0.0276	0.0924	0.432	0.486	0.588	0.142	0.12
Barium	2010-12	mg/L										0.0205				0.746	0.0803	0.139
Barium	2011-03	mg/L		0.329			0.242	0.0372	0.111	1.05	0.765	0.0273	0.0675	0.291	0.343	0.412	0.0786	0.0564

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Table 20
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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
Arsenic	2013-09	mg/L	~~0.0017~~	~~0.000214~~	~~0.00215~~						~~0.0237~~					~~0.00614~~	~~0.000399~~	
Arsenic	2013-11	mg/L			~~0.0046~~													
Arsenic	2014-03	mg/L	~~< 0.00100~~		~~< 0.00100~~						~~0.00272~~					~~0.000613~~	~~< 0.00100~~	
Arsenic	2014-06	mg/L		~~< 0.00100~~	~~0.00511~~													
Arsenic	2014-09	mg/L	~~< 0.002~~	~~< 0.002~~	~~0.00102~~						~~0.00221~~					~~0.00185~~	~~0.00112~~	
Arsenic	2014-12	mg/L																
Arsenic	2015-04	mg/L	< 0.00200	< 0.00200	< 0.00200						0.00116					< 0.00200	< 0.00200	
Arsenic	2015-10	mg/L	<0.002	<0.002	<0.002						<0.002					<0.002	<0.002	
Arsenic	2016-04	mg/L	<0.002	<0.002	<0.002						0.000805 J					<0.002	<0.002	
Arsenic	2016-10	mg/L	0.00118 J	0.000729 J	0.00115 J						0.000693 J					<0.002	<0.002	
Arsenic	2017-03	mg/L	<0.002	<0.002	<0.002						0.000538 J					<0.002	<0.002	
Arsenic	2017-06	mg/L																
Arsenic	2017-10	mg/L	<0.002	<0.002	<0.002						0.00103 J					<0.002	<0.002	
Arsenic	2017-12	mg/L			<0.002													
Arsenic	2018-04	mg/L	<0.002	<0.002	<0.002						0.00111 J					<0.002	<0.002	
Arsenic	2018-07	mg/L								0.00147 J								
Arsenic	2018-10	mg/L	<0.002	0.0019 J	<0.002					0.00241	0.00166 J					<0.002	<0.002	
Arsenic	2019-01	mg/L								0.0015 J								
Arsenic	2019-03	mg/L	<0.002	<0.002	<0.002					0.00114 J	0.00176					<0.002	<0.002	
Arsenic	2019-05	mg/L		0.0011						0.00126								
Arsenic	2019-10	mg/L	<0.002	<0.002	<0.002					<0.004	0.00128 J					<0.002	<0.002	
Arsenic	2020-03	mg/L	<0.002	<0.002	<0.002					0.00197 J	0.00159 J					<0.002	<0.002	
Arsenic	2020-09	mg/L	<0.002	<0.002	<0.002					<0.002	0.00103 J					<0.002	<0.002	
Arsenic	2020-11	mg/L																
Arsenic	2020-12	mg/L																
Arsenic	2021-03	mg/L	0.00212	<0.002	<0.002			0.00174 J	<0.002	0.00103 J	0.00116 J					<0.002	<0.002	
Arsenic	2021-05	mg/L	~~0.00492 e~~															
Arsenic	2021-08	mg/L						0.00302	<0.002									
Arsenic	2021-10	mg/L	0.00193 J	<0.002	<0.002			0.00423	0.00106 J	0.00155 J	~~0.0028~~							
Arsenic	2021-12	mg/L	0.00306															
Arsenic	2022-02	mg/L						0.0126	0.000868 J									
Arsenic	2022-04	mg/L	<0.014	<0.002	<0.002			<0.002	<0.002	0.000938 J	<0.002							
Arsenic	2022-07	mg/L																
Arsenic	2022-10	mg/L	0.0085	0.000847 J	<0.002			<0.002	<0.002	0.00143 J	~~0.00305~~							
Arsenic	2022-12	mg/L																
Arsenic	2023-04	mg/L	<0.002	0.00099 J	<0.002			0.00267	0.000566 J	0.00436	~~0.00428~~							
Arsenic	2023-05	mg/L																
Arsenic	2023-10	mg/L	0.00318	0.0012 J	0.00204			~~0.00421~~	0.000578 J	0.00335	0.00118 J							
Arsenic	2024-04	mg/L	<0.002	0.000838 J	<0.002			~~0.00868~~	<0.002	0.00866	0.00123 J							
Arsenic	2024-05	mg/L						~~0.00618~~				<0.002	0.00163 J	0.000927 J	0.00079 J			0.00105 J
Arsenic	2024-09	mg/L	< 0.002	0.000626 J	< 0.002			< 0.002	< 0.002	0.00208	0.000862 J	0.000541 J	0.000939 J	0.0016 J	0.00114 J	< 0.002	< 0.002	0.00106 J
Arsenic	2025-03	mg/L	0.000932 J	0.000573 J	< 0.002			0.000722 J	< 0.002	0.0015 J	< 0.002	< 0.002	0.000988 J	< 0.002	0.000951 J	< 0.002	< 0.002	0.000548 J
Arsenic	2025-08	mg/L	< 0.002	0.000607 J	0.00157 J			< 0.002	< 0.002	0.0017 J	0.000628 J	0.000674 J	0.00102 J	0.0013 J	0.000663 J	< 0.002	< 0.002	0.000864 J
Barium	2008-01	mg/L																
Barium	2008-03	mg/L																
Barium	2008-08	mg/L																
Barium	2008-09	mg/L																
Barium	2008-10	mg/L																
Barium	2009-03	mg/L																
Barium	2009-06	mg/L																
Barium	2009-09	mg/L																
Barium	2009-12	mg/L																
Barium	2010-03	mg/L																
Barium	2010-06	mg/L	~~0.361~~	~~0.114~~														
Barium	2010-08	mg/L	~~0.168~~	~~0.123~~														
Barium	2010-09	mg/L	~~0.184~~	~~0.144~~														
Barium	2010-12	mg/L	~~0.187~~	~~0.111~~														
Barium	2011-03	mg/L	~~0.137~~	~~0.14~~														

Table 20
Analytical Data Summary
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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
Barium	2011-06	mg/L		0.308									0.0624		0.383	0.397	0.0863	
Barium	2011-07	mg/L	0.207															
Barium	2011-08	mg/L		0.184														
Barium	2011-09	mg/L	0.25	0.188			0.227	0.0564	0.247	1.72	0.859	0.0249		0.454	0.451	0.633	0.0734	0.0944
Barium	2011-12	mg/L	0.205	0.337											0.439	0.48	0.077	
Barium	2012-03	mg/L	0.245	0.0346			0.261	0.346	0.0474	0.237	0.989	0.0235	0.0832	0.446	0.349	0.359	0.0697	0.0386
Barium	2012-04	mg/L																
Barium	2012-06	mg/L																
Barium	2012-10	mg/L	0.306	0.158			0.276	0.0605	0.328	1.52	0.871			0.714	0.339	0.654	0.0781	0.0633
Barium	2013-03	mg/L	0.217	0.259			0.286	0.0571	0.322	1.64	0.898	0.0183		0.729	0.491	0.144	0.072	0.0341
Barium	2013-06	mg/L																
Barium	2013-09	mg/L	0.497	0.126			0.212	0.0923	0.314	1.5	0.869	0.0196		0.854	0.505	0.478	0.0655	0.0265
Barium	2013-11	mg/L																
Barium	2014-03	mg/L	0.552	0.176			0.148	0.0621	0.239	1.13	0.921	0.0408	0.0511	0.508	0.425	0.0356	0.0701	0.00865
Barium	2014-06	mg/L																
Barium	2014-09	mg/L	0.819	0.029			0.127	0.0489	0.226	1.19	0.936	0.0558	0.0803	0.948	0.537	0.0543	0.0733	0.0276
Barium	2014-12	mg/L															0.0726	
Barium	2015-04	mg/L	0.441	0.0428			0.0902	0.0606	0.178	1.05	0.946	0.0399	0.0856			0.0511	0.0699	0.0139
Barium	2015-10	mg/L	0.919	0.0369			0.189	0.0795	0.373	1.28	1.08	0.0533				0.234	0.0757	0.0179
Barium	2016-04	mg/L	0.441	0.0545			0.0836	0.0417	0.336	0.98	1.09	0.0519	0.0825			0.0546	0.067	0.0139
Barium	2016-10	mg/L	1	0.0326			0.144	0.0712	0.384	1.03	1.22	0.0797	0.141			0.228	0.109	0.0173
Barium	2017-03	mg/L	0.897	0.0799			0.103	0.059	0.384	0.927	1.02	0.0508	0.221			0.136	0.0757	0.014
Barium	2017-06	mg/L	1.3															
Barium	2017-10	mg/L	1.44	0.0515			0.116	0.0871	0.59	0.973	1.01	0.0476				0.312	0.0698	0.0152
Barium	2017-12	mg/L					0.127					0.0507						0.0181
Barium	2018-04	mg/L	0.58	0.113	0.372		0.164	0.0498	0.686	1.03	1.02	0.0571	0.0441			0.121	0.0598	0.0139
Barium	2018-07	mg/L											0.195					
Barium	2018-10	mg/L	0.527	0.0318			0.1	0.0532	0.58	0.0446 o	1.06	0.0897	0.133			0.0962	0.0599	0.0168
Barium	2019-01	mg/L																
Barium	2019-03	mg/L	0.331	0.0293			0.16	0.0375	0.273	1.69	1.15	0.0734	0.0322			0.0503	0.0501	0.0112
Barium	2019-05	mg/L																
Barium	2019-10	mg/L	0.517	0.0145			0.102	0.0459	0.105	0.848	0.923	0.0852	0.129			0.0979	0.0609	0.0197
Barium	2020-03	mg/L	0.449	0.0523			0.108	0.0343	0.111	0.879	1.08	0.0628	0.0946			0.0577	0.0594	0.0127
Barium	2020-09	mg/L	0.776	0.0248			0.114	0.0564	0.0503	1.33	1.08	0.0842	0.0953			0.0844	0.0696	0.0147
Barium	2020-11	mg/L	1.11															
Barium	2020-12	mg/L	0.691															
Barium	2021-03	mg/L	0.58	0.0512			0.0735	0.045	0.0668	1.45	1.08	0.0718	0.108			0.0559	0.0692	0.0135
Barium	2021-05	mg/L																
Barium	2021-08	mg/L																
Barium	2021-10	mg/L	0.782	0.0407	0.165		0.142	0.0788	0.0413	1.68	1.01	0.0779	0.104			0.383	0.0793	0.17
Barium	2021-12	mg/L																
Barium	2022-02	mg/L	0.371		0.303	0.267												
Barium	2022-04	mg/L	0.378	0.0522	0.329	0.298	0.0658	0.0474	0.0548	1.09	1.01	0.0968	0.416			0.0488	0.065	0.147
Barium	2022-07	mg/L			0.315	0.298												
Barium	2022-10	mg/L	0.674	0.0561	0.347	0.298	0.154	0.0607	0.0433	1.57	1.09	0.0562				0.232	0.0665	0.154
Barium	2023-04	mg/L	0.401	0.0243		0.285	0.145	0.0517	0.0616	1.13	1.1	0.0516	0.185			0.0872	0.0315	0.0731
Barium	2023-05	mg/L			0.348													
Barium	2023-10	mg/L	0.751	0.0488	0.31	0.308	0.153	0.0738	0.0421	1.39	1.09	0.051				0.042	0.0807	0.116
Barium	2023-12	mg/L				0.325												
Barium	2024-04	mg/L	0.488	0.0442	0.325	0.309	0.0614	0.061	0.0444	0.719	1.06	0.0426	0.249			0.0983	0.0672	0.119
Barium	2024-05	mg/L																
Barium	2024-09	mg/L	0.195	0.00831	0.315	0.303	0.0817	0.0753	0.0417	1.24	1.1	0.0484	0.656			0.205	0.0724	0.121
Barium	2025-03	mg/L	0.185	0.0345	0.305	0.298	0.0716	0.0572	0.0324	0.801	0.944	0.0408	0.641			0.0657	0.061	0.113
Barium	2025-08	mg/L	0.178	0.01	0.303	0.28	0.0717	0.0501	0.0358	0.654	0.92	0.0504	0.764			0.0945	0.0543	0.112
Benzene	2008-01	ug/L					1.85	< 0.5	2.19	5.56	0.84	< 0.5	< 0.5	0.55	< 0.5			
Benzene	2008-03	ug/L					1.34	< 0.500	2.84	5.81	0.74	< 0.500	< 0.500	1.49	< 0.500			
Benzene	2008-08	ug/L					2.24	0.28	2.94	6.32	0.78	< 0.5	< 0.5	1.65	0.16			
Benzene	2008-09	ug/L					2.29	1.12	2.05	5.93	0.87	< 0.5	0.24	1.54	0.29			

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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
Barium	2011-06	mg/L																
Barium	2011-07	mg/L																
Barium	2011-08	mg/L																
Barium	2011-09	mg/L	~~0.197~~	~~0.217~~														
Barium	2011-12	mg/L																
Barium	2012-03	mg/L	~~0.232~~	~~0.141~~														
Barium	2012-04	mg/L									~~2.91~~	~~0.0685~~		~~0.092~~		~~0.236~~	~~1.79~~	
Barium	2012-06	mg/L									~~2.33~~	~~0.0369~~		~~0.0956~~		~~0.171~~	~~1.29~~	
Barium	2012-10	mg/L									~~0.253~~			~~0.106~~		~~0.078~~	~~0.245~~	
Barium	2013-03	mg/L	~~0.164~~								~~0.78~~					~~0.186~~	~~0.128~~	
Barium	2013-06	mg/L			~~0.127~~													
Barium	2013-09	mg/L	~~0.3~~	~~0.0751~~	~~0.26~~						~~0.621~~					~~0.241~~	~~0.121~~	
Barium	2013-11	mg/L			~~0.222~~													
Barium	2014-03	mg/L	~~0.0456~~		~~0.155~~						~~0.289~~					~~0.133~~	~~0.119~~	
Barium	2014-06	mg/L		~~0.0552~~	~~0.14~~													
Barium	2014-09	mg/L	~~0.0675~~	~~0.0684~~	~~0.152~~						~~0.288~~					~~0.0911~~	~~0.148~~	
Barium	2014-12	mg/L																
Barium	2015-04	mg/L	0.0301	0.0611	0.142						0.118					0.0686	0.108	
Barium	2015-10	mg/L	0.0619	0.0518	0.138						0.231					0.0641	0.0864	
Barium	2016-04	mg/L	0.068	0.0494	0.118						0.0419					0.0776	0.102	
Barium	2016-10	mg/L	0.102	0.0975	0.135						0.0387					0.0599	0.133	
Barium	2017-03	mg/L	0.0431	0.0328	0.133						0.142					0.0466	0.115	
Barium	2017-06	mg/L																
Barium	2017-10	mg/L	0.0505	0.0346	0.137						0.125					0.0514	0.0975	
Barium	2017-12	mg/L			0.129													
Barium	2018-04	mg/L	0.0407	0.0524	0.134						0.062					0.0592	0.131	
Barium	2018-07	mg/L								0.392								
Barium	2018-10	mg/L	0.0432	0.036	0.143					0.548	0.0675					0.0595	0.156	
Barium	2019-01	mg/L								0.575								
Barium	2019-03	mg/L	0.0419	0.047	0.156					0.55	0.193					0.0587	0.111	
Barium	2019-05	mg/L		0.0394						0.545								
Barium	2019-10	mg/L	0.0405	0.0459	0.0873					0.53	0.055					0.0485	0.141	
Barium	2020-03	mg/L	0.0305	0.0569	0.0995					0.515	0.152					0.0711	0.132	
Barium	2020-09	mg/L	0.0604	~~0.206 o~~	0.0854					0.526	0.0691					0.0583	0.135	
Barium	2020-11	mg/L																
Barium	2020-12	mg/L																
Barium	2021-03	mg/L	0.236	0.0615	0.0762			0.0541	0.171	0.532	0.0679					0.0797	0.159	
Barium	2021-05	mg/L	0.344															
Barium	2021-08	mg/L						0.0466	0.168									
Barium	2021-10	mg/L	0.0519	0.0587	0.0608			0.0479	0.349	0.497	~~0.232~~							
Barium	2021-12	mg/L	0.0631															
Barium	2022-02	mg/L						0.052	0.245									
Barium	2022-04	mg/L	0.0189	0.0474	0.0562			0.0342	0.162	0.405	0.0732							
Barium	2022-07	mg/L																
Barium	2022-10	mg/L	0.0587	0.0495	0.0654			0.0419	0.19	0.472	~~0.197~~							
Barium	2023-04	mg/L	0.0295	0.0415	0.0511			0.0237	0.142	0.453	~~0.174~~							
Barium	2023-05	mg/L																
Barium	2023-10	mg/L	0.0517	0.0491	0.0616			~~0.0584~~	0.247	0.413	0.062							
Barium	2023-12	mg/L																
Barium	2024-04	mg/L	0.0157	0.0523	0.0443			~~0.0356~~	0.141	0.352	0.0566							
Barium	2024-05	mg/L						~~0.0232~~				0.0464	0.023	0.0567	0.0952			0.187
Barium	2024-09	mg/L	0.0176	0.0412	0.0426			0.018	0.188	0.464	0.0908	0.0537	0.0229	0.0896	0.103	0.0714	0.189	0.207
Barium	2025-03	mg/L	0.0216	0.0357	0.036			0.0191	0.176	0.405	0.0997	0.034	0.0226	0.0712	0.0969	0.0579	0.131	0.187
Barium	2025-08	mg/L	0.0209	0.0347	0.0416			0.0187	0.166	0.4	0.0955	0.047	0.0213	0.0913	0.0926	0.057	0.178	0.2
Benzene	2008-01	ug/L																
Benzene	2008-03	ug/L																
Benzene	2008-08	ug/L																
Benzene	2008-09	ug/L																

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
Benzene	2008-10	ug/L					2.4	1.16	1.64	5.43	0.75	< 0.5	< 0.5	0.95	< 0.5			
Benzene	2009-03	ug/L					2.5	< 0.5	1.2	7.59	1.04	< 0.5	< 0.5	0.67	< 0.5			
Benzene	2009-06	ug/L					< 2.50	< 0.5	2.59	6.78	0.97			1.16				
Benzene	2009-09	ug/L					2.59	1.51	1.97	6.82	0.97	< 0.500	< 0.500	1.96	< 0.500			
Benzene	2009-12	ug/L					1.85	< 0.500	2.64	6.94	0.67			1.55				
Benzene	2010-03	ug/L					2.25	0.69	1.96	6.82	1.01	< 0.500	< 0.500	1.57	0.72			
Benzene	2010-06	ug/L										< 0.500				4.03	0.5	< 0.500
Benzene	2010-08	ug/L										< 0.500	< 0.500			4.27	< 0.500	< 0.500
Benzene	2010-09	ug/L					2.43	0.51	1.81	7.24	0.98	< 0.500	< 0.500	1.72	0.99	3.8	< 0.500	< 0.500
Benzene	2010-12	ug/L										< 0.500				3.52	< 0.500	< 0.500
Benzene	2011-03	ug/L		< 0.500			2.68	< 0.500	1.2	8.6	0.84	< 0.500	< 0.500	0.56	0.79	3.12	< 0.500	< 0.500
Benzene	2011-04	ug/L					0.73		1.06	< 5.00	0.99						< 0.500	
Benzene	2011-06	ug/L		< 0.500									< 0.500		0.87	3.78	< 0.500	
Benzene	2011-07	ug/L	< 0.500															
Benzene	2011-08	ug/L		< 0.500														
Benzene	2011-09	ug/L	0.63	< 0.500			2.54	1.09	2.91	6.9	0.89	< 0.500		1.15	0.96	4.72	< 0.500	< 0.500
Benzene	2011-12	ug/L	0.51	< 0.500											0.93	2.99	< 0.500	
Benzene	2012-03	ug/L	0.57	< 0.500			0.5	< 0.500	3.62	6.32	0.97	< 0.500	< 0.500	1.09	0.56	3.96	< 0.500	< 0.500
Benzene	2012-06	ug/L																
Benzene	2012-10	ug/L	< 0.500	< 0.500			2.67	< 0.500	1.94	0.53	1.1			2.26	< 0.500	1.12	< 0.500	< 0.500
Benzene	2013-03	ug/L	0.289	< 0.500			1.9	< 0.500	0.956	5.47	0.842	< 0.500		2.07	1.03	< 0.500	< 0.500	< 0.500
Benzene	2013-06	ug/L																
Benzene	2013-09	ug/L	0.483	< 0.500			1.69	0.769	5.19	7.57	1.1	< 0.500		2.69	1.07	3.54	< 0.500	< 0.500
Benzene	2013-11	ug/L																
Benzene	2014-03	ug/L	0.344	< 0.500			1.13	< 0.500	1.04	7.06	0.884	< 0.500	< 0.500	1.05	0.809	< 0.500	0.337	< 0.500
Benzene	2014-06	ug/L																
Benzene	2014-09	ug/L	< 0.5	< 0.5			0.63	0.264	2.46	5.95	0.844	< 0.5	< 0.5	2.5	1.35	0.276	0.405	< 0.5
Benzene	2014-12	ug/L															0.399	
Benzene	2015-04	ug/L	0.458	< 0.5			< 0.5	< 0.500	1.42	6.33	1.04	< 0.500	< 0.500	0.947	0.862	0.207	< 0.5	< 0.5
Benzene	2015-10	ug/L	0.551	<0.5			0.243 J	<0.5	2.99	5.36	1.2	<0.5		2.35	0.444 J	1.24	0.202 J	<0.5
Benzene	2016-04	ug/L	0.236 J	<0.5			<0.5	<0.5	1.59	5.36	1.04	<0.5	<0.5	1.08	0.772	1.57	0.286 J	<0.5
Benzene	2016-10	ug/L	0.417 J	<0.5			<0.5	<0.5	1.78	4.96	1.24	0.575	<0.5	1.1	<0.5	1.24	<0.5	<0.5
Benzene	2017-03	ug/L	0.425 J	<0.5			<0.5	0.112 J	0.988	5.78	1.31	<0.5	<0.5	0.663	0.39 J	1.73	<0.5	<0.5
Benzene	2017-10	ug/L	0.202 J	<0.5			<0.5	<0.5	1.08	4.3	1.48	<0.5		0.936	<0.5	1.33	<0.5	<0.5
Benzene	2017-12	ug/L					<0.5					<0.5						<0.5
Benzene	2018-04	ug/L	<0.5	<0.5	<0.5		0.625	<0.5	1.07	5.01	1.04	<0.5	<0.5	0.412 J	<0.5	0.114 J	<0.5	<0.5
Benzene	2018-07	ug/L											<0.5					
Benzene	2018-10	ug/L	0.269 J	<0.5			<0.5	<0.5	2	6.4	1.13	<0.5	<0.5	1.4	<0.5	0.65	<0.5	<0.5
Benzene	2019-01	ug/L																
Benzene	2019-03	ug/L	0.272 J	<0.5			0.568	<0.5	1.05	5.77	1.1	<0.5	<0.5	0.241	<0.5	0.428 J	<0.5	<0.5
Benzene	2019-05	ug/L																
Benzene	2019-10	ug/L	<0.5	<0.5			<0.5	<0.5	1.02	6.47	1.14	<0.5	<0.5			0.655 J	<0.5	<0.5
Benzene	2020-03	ug/L	0.3 J	<0.5			<0.5	<0.5	0.377 J	6.98	1.47	<0.5	<0.5	<0.5	<0.5	0.331 J	<0.5	<0.5
Benzene	2020-09	ug/L	0.454 J	<0.5			<0.5	<0.5	0.393 J	5.51	1.23	<0.5	<0.5	<0.5	<0.5	0.562	<0.5	<0.5
Benzene	2021-03	ug/L	0.368 J	<0.5			<0.5	<0.5	0.321 J	6.12	1.2	<0.5	<0.5	<0.5	<0.5	0.256 J	<0.5	<0.5
Benzene	2021-05	ug/L																
Benzene	2021-08	ug/L																
Benzene	2021-10	ug/L	0.945	<0.5	<0.5		<0.5	<0.5	0.318 J	5.7	1.29	0.223 J	<0.5	<0.5	<0.5	0.639	<0.5	<0.5
Benzene	2021-12	ug/L	0.424 J															
Benzene	2022-02	ug/L	<0.5		<0.5	<0.5												
Benzene	2022-04	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.309 J	5.34	1.17	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Benzene	2022-07	ug/L			<0.5	<0.5												
Benzene	2022-10	ug/L	0.373 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	3.09	1.45	<0.5		<0.5	<0.5	0.622	<0.5	<0.5
Benzene	2023-04	ug/L	0.241 J	<0.5		<0.5	0.301 J	<0.5	0.261 J	2.71	1.49	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Benzene	2023-05	ug/L			<0.5													
Benzene	2023-10	ug/L	0.253 J	<0.5	<0.5	<0.5	<0.5	<0.5	0.221 J	3.66	1.29	<0.5		<0.5	<0.5	<0.5	<0.5	<0.5
Benzene	2024-04	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	3.47	1.9	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Benzene	2024-09	ug/L	0.25 J	< 0.5	< 0.5	< 0.5	< 0.5	0.223 J	< 0.5	3.2	1.46	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5

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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
Benzene	2008-10	ug/L																
Benzene	2009-03	ug/L																
Benzene	2009-06	ug/L																
Benzene	2009-09	ug/L																
Benzene	2009-12	ug/L																
Benzene	2010-03	ug/L																
Benzene	2010-06	ug/L	~~< 0.500~~	~~< 0.500~~														
Benzene	2010-08	ug/L	~~< 0.500~~	~~< 0.500~~														
Benzene	2010-09	ug/L	~~< 0.500~~	~~< 0.500~~														
Benzene	2010-12	ug/L	~~< 0.500~~	~~< 0.500~~														
Benzene	2011-03	ug/L	~~< 0.500~~	~~< 0.500~~														
Benzene	2011-04	ug/L																
Benzene	2011-06	ug/L																
Benzene	2011-07	ug/L																
Benzene	2011-08	ug/L																
Benzene	2011-09	ug/L	~~< 0.500~~	~~< 0.500~~														
Benzene	2011-12	ug/L																
Benzene	2012-03	ug/L	~~< 0.500~~	~~< 0.500~~														
Benzene	2012-06	ug/L									~~< 0.500~~	~~< 0.500~~		~~< 0.500~~		~~< 0.500~~	~~< 0.500~~	
Benzene	2012-10	ug/L																
Benzene	2013-03	ug/L	~~< 0.500~~								~~< 0.500~~							
Benzene	2013-06	ug/L			~~< 0.500~~	~~**0.505**~~	~~**0.609**~~											
Benzene	2013-09	ug/L	~~< 0.500~~	~~< 0.500~~	~~< 0.500~~	~~**0.84**~~	~~**0.756**~~				~~< 0.500~~							
Benzene	2013-11	ug/L			~~< 0.500~~	~~**0.97**~~	~~**0.887**~~											
Benzene	2014-03	ug/L	~~< 0.500~~		~~< 0.500~~	~~**0.777**~~	~~**0.629**~~				~~< 0.500~~							
Benzene	2014-06	ug/L		~~< 0.500~~	~~< 0.500~~	~~**0.233**~~	~~**0.48**~~											
Benzene	2014-09	ug/L	~~< 0.5~~	~~< 0.5~~	~~< 0.5~~	~~< 0.500~~	~~< 0.500~~				~~< 0.5~~							
Benzene	2014-12	ug/L																
Benzene	2015-04	ug/L	< 0.500	< 0.500	< 0.500	**0.383**	**0.495**				< 0.5							
Benzene	2015-10	ug/L	<0.5	<0.5	<0.5	**0.921**					<0.5					<0.5	<0.5	
Benzene	2016-04	ug/L	<0.5	<0.5	<0.5	**0.945**					<0.5					<0.5	<0.5	
Benzene	2016-10	ug/L	<0.5	<0.5	<0.5	**0.674**					<0.5					<0.5	<0.5	
Benzene	2017-03	ug/L	<0.5	<0.5	<0.5	**0.956**	**0.499 J**				<0.5					<0.5	<0.5	
Benzene	2017-10	ug/L	<0.5	<0.5	<0.5	**1.02**					<0.5					<0.5	<0.5	
Benzene	2017-12	ug/L			<0.5													
Benzene	2018-04	ug/L	<0.5	<0.5	<0.5	**0.757**					<0.5					<0.5	<0.5	
Benzene	2018-07	ug/L								<0.5								
Benzene	2018-10	ug/L	<0.5	<0.5	<0.5	**0.666**				<0.5	<0.5					<0.5	<0.5	
Benzene	2019-01	ug/L								<0.5								
Benzene	2019-03	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5			<0.5	<0.5					<0.5	<0.5	
Benzene	2019-05	ug/L		<0.5						<0.5								
Benzene	2019-10	ug/L	<0.5	<0.5	<0.5	**0.347 J**	**0.42 J**			<0.5	<0.5					<0.5	<0.5	
Benzene	2020-03	ug/L	<0.5	<0.5	<0.5	**0.644**	<0.5			<0.5	<0.5					<0.5	<0.5	
Benzene	2020-09	ug/L	<0.5	<0.5	<0.5	**0.28 J**	**0.429 J**			<0.5	<0.5					<0.5	<0.5	
Benzene	2021-03	ug/L	<0.5	<0.5	<0.5	**0.404 J**	<0.5	<0.5	<0.5	<0.5	<0.5					<0.5	<0.5	
Benzene	2021-05	ug/L	<0.5															
Benzene	2021-08	ug/L						<0.5	<0.5									
Benzene	2021-10	ug/L	<0.5	<0.5	<0.5	<0.5	**0.316 J**	<0.5	<0.5	<0.5	<0.5							
Benzene	2021-12	ug/L	**0.305 J**															
Benzene	2022-02	ug/L						<0.5	<0.5									
Benzene	2022-04	ug/L	<0.5	<0.5	<0.5	**0.473 J**	<0.5	<0.5	<0.5	<0.5	<0.5							
Benzene	2022-07	ug/L																
Benzene	2022-10	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5							
Benzene	2023-04	ug/L	<0.5	<0.5	<0.5	**0.789**	<0.5	<0.5	<0.5	<0.5	<0.5							
Benzene	2023-05	ug/L																
Benzene	2023-10	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5							
Benzene	2024-04	ug/L	<0.5	<0.5	<0.5	**0.381 J**	<0.5	<0.5	<0.5	<0.5	<0.5							
Benzene	2024-09	ug/L	< 0.5	< 0.5	< 0.5	**0.401 J**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
Benzene	2025-03	ug/L	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**4.21**	**1.19**	< 0.5	**0.51**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	2025-08	ug/L	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**4.83**	**1.35**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)anthracene	2009-03	ug/L						~~< 10~~	~~< 10~~	~~< 10~~								
Benzo(a)anthracene	2009-06	ug/L					~~< 10.0~~	~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10~~			~~< 10.0~~				
Benzo(a)anthracene	2009-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
Benzo(a)anthracene	2009-12	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
Benzo(a)anthracene	2010-03	ug/L					~~< 10.0~~				~~< 10.0~~			~~< 10.0~~				
Benzo(a)anthracene	2010-06	ug/L										~~< 10.0~~						
Benzo(a)anthracene	2010-08	ug/L										~~< 10.0~~	~~< 10.0~~					
Benzo(a)anthracene	2010-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~				
Benzo(a)anthracene	2010-12	ug/L										~~< 10.0~~						
Benzo(a)anthracene	2011-03	ug/L											~~< 10.0~~		~~< 10.0~~			
Benzo(a)anthracene	2011-06	ug/L											~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Benzo(a)anthracene	2011-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Benzo(a)anthracene	2011-12	ug/L													~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Benzo(a)anthracene	2012-03	ug/L														~~< 10.0~~	~~< 10.0~~	
Benzo(a)anthracene	2014-12	ug/L															~~< 10.2~~	
Benzo(a)anthracene	2016-10	ug/L							<10	<10	<10.9					<11.2	<11.1	
Benzo(a)anthracene	2017-10	ug/L						<10.5										
Benzo(a)anthracene	2017-12	ug/L					<10.6					<10.4						<10.4
Benzo(a)anthracene	2018-07	ug/L											<10.4					
Benzo(a)anthracene	2018-10	ug/L											<10.4					
Benzo(a)anthracene	2019-05	ug/L																
Benzo(a)anthracene	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
Benzo(a)anthracene	2021-12	ug/L																
Benzo(a)anthracene	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
Benzo(a)anthracene	2024-04	ug/L											<10.6					
Benzo(a)pyrene	2009-03	ug/L						~~< 10~~	~~< 10~~	~~< 10~~								
Benzo(a)pyrene	2009-06	ug/L					~~< 10.0~~	~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10~~			~~< 10.0~~				
Benzo(a)pyrene	2009-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
Benzo(a)pyrene	2009-12	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
Benzo(a)pyrene	2010-03	ug/L					~~< 10.0~~				~~< 10.0~~			~~< 10.0~~				
Benzo(a)pyrene	2010-06	ug/L										~~< 10.0~~						
Benzo(a)pyrene	2010-08	ug/L										~~< 10.0~~	~~< 10.0~~					
Benzo(a)pyrene	2010-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~				
Benzo(a)pyrene	2010-12	ug/L										~~< 10.0~~						
Benzo(a)pyrene	2011-03	ug/L											~~< 10.0~~		~~< 10.0~~			
Benzo(a)pyrene	2011-06	ug/L											~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Benzo(a)pyrene	2011-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Benzo(a)pyrene	2011-12	ug/L													~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Benzo(a)pyrene	2012-03	ug/L														~~< 10.0~~	~~< 10.0~~	
Benzo(a)pyrene	2014-12	ug/L															~~< 10.2~~	
Benzo(a)pyrene	2016-10	ug/L							<10	<10	<10.9					<11.2	<11.1	
Benzo(a)pyrene	2017-10	ug/L						<10.5										
Benzo(a)pyrene	2017-12	ug/L					<10.6					<10.4						<10.4
Benzo(a)pyrene	2018-07	ug/L											<10.4					
Benzo(a)pyrene	2018-10	ug/L											<10.4					
Benzo(a)pyrene	2019-05	ug/L																
Benzo(a)pyrene	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
Benzo(a)pyrene	2021-12	ug/L																
Benzo(a)pyrene	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
Benzo(a)pyrene	2024-04	ug/L											<10.6					
Benzo(b)fluoranthene	2009-03	ug/L						~~< 10~~	~~< 10~~	~~< 10~~								
Benzo(b)fluoranthene	2009-06	ug/L					~~< 10.0~~	~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10~~			~~< 10.0~~				
Benzo(b)fluoranthene	2009-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
Benzo(b)fluoranthene	2009-12	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
Benzo(b)fluoranthene	2010-03	ug/L					~~< 10.0~~				~~< 10.0~~			~~< 10.0~~				
Benzo(b)fluoranthene	2010-06	ug/L										~~< 10.0~~						

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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
Benzene	2025-03	ug/L	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	2025-08	ug/L	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)anthracene	2009-03	ug/L																
Benzo(a)anthracene	2009-06	ug/L																
Benzo(a)anthracene	2009-09	ug/L																
Benzo(a)anthracene	2009-12	ug/L																
Benzo(a)anthracene	2010-03	ug/L																
Benzo(a)anthracene	2010-06	ug/L																
Benzo(a)anthracene	2010-08	ug/L																
Benzo(a)anthracene	2010-09	ug/L																
Benzo(a)anthracene	2010-12	ug/L																
Benzo(a)anthracene	2011-03	ug/L																
Benzo(a)anthracene	2011-06	ug/L																
Benzo(a)anthracene	2011-09	ug/L																
Benzo(a)anthracene	2011-12	ug/L																
Benzo(a)anthracene	2012-03	ug/L																
Benzo(a)anthracene	2014-12	ug/L																
Benzo(a)anthracene	2016-10	ug/L									<10.4					<10.3	<10.2	
Benzo(a)anthracene	2017-10	ug/L																
Benzo(a)anthracene	2017-12	ug/L			<10.4													
Benzo(a)anthracene	2018-07	ug/L								<10.1								
Benzo(a)anthracene	2018-10	ug/L								<10.3								
Benzo(a)anthracene	2019-05	ug/L		<10.1														
Benzo(a)anthracene	2021-10	ug/L																
Benzo(a)anthracene	2021-12	ug/L	<10.5															
Benzo(a)anthracene	2022-10	ug/L			<8.77													
Benzo(a)anthracene	2024-04	ug/L		<10.2														
Benzo(a)pyrene	2009-03	ug/L																
Benzo(a)pyrene	2009-06	ug/L																
Benzo(a)pyrene	2009-09	ug/L																
Benzo(a)pyrene	2009-12	ug/L																
Benzo(a)pyrene	2010-03	ug/L																
Benzo(a)pyrene	2010-06	ug/L																
Benzo(a)pyrene	2010-08	ug/L																
Benzo(a)pyrene	2010-09	ug/L																
Benzo(a)pyrene	2010-12	ug/L																
Benzo(a)pyrene	2011-03	ug/L																
Benzo(a)pyrene	2011-06	ug/L																
Benzo(a)pyrene	2011-09	ug/L																
Benzo(a)pyrene	2011-12	ug/L																
Benzo(a)pyrene	2012-03	ug/L																
Benzo(a)pyrene	2014-12	ug/L																
Benzo(a)pyrene	2016-10	ug/L									<10.4					<10.3	<10.2	
Benzo(a)pyrene	2017-10	ug/L																
Benzo(a)pyrene	2017-12	ug/L			<10.4													
Benzo(a)pyrene	2018-07	ug/L								<10.1								
Benzo(a)pyrene	2018-10	ug/L								<10.3								
Benzo(a)pyrene	2019-05	ug/L		<10.1														
Benzo(a)pyrene	2021-10	ug/L																
Benzo(a)pyrene	2021-12	ug/L	<10.5															
Benzo(a)pyrene	2022-10	ug/L			<8.77													
Benzo(a)pyrene	2024-04	ug/L		<10.2														
Benzo(b)fluoranthene	2009-03	ug/L																
Benzo(b)fluoranthene	2009-06	ug/L																
Benzo(b)fluoranthene	2009-09	ug/L																
Benzo(b)fluoranthene	2009-12	ug/L																
Benzo(b)fluoranthene	2010-03	ug/L																
Benzo(b)fluoranthene	2010-06	ug/L																

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
Benzo(b)fluoranthene	2010-08	ug/L										< 10.0	< 10.0					
Benzo(b)fluoranthene	2010-09	ug/L					< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0				
Benzo(b)fluoranthene	2010-12	ug/L										< 10.0						
Benzo(b)fluoranthene	2011-03	ug/L											< 10.0		< 10.0			
Benzo(b)fluoranthene	2011-06	ug/L											< 10.0		< 10.0	< 10.0	< 10.0	
Benzo(b)fluoranthene	2011-09	ug/L					< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	
Benzo(b)fluoranthene	2011-12	ug/L													< 10.0	< 10.0	< 10.0	
Benzo(b)fluoranthene	2012-03	ug/L														< 10.0	< 10.0	
Benzo(b)fluoranthene	2014-12	ug/L															< 10.2	
Benzo(b)fluoranthene	2016-10	ug/L							<10	<10	<10.9					<11.2	<11.1	
Benzo(b)fluoranthene	2017-10	ug/L						<10.5										
Benzo(b)fluoranthene	2017-12	ug/L					<10.6					<10.4						<10.4
Benzo(b)fluoranthene	2018-07	ug/L											<10.4					
Benzo(b)fluoranthene	2018-10	ug/L											<10.4					
Benzo(b)fluoranthene	2019-05	ug/L																
Benzo(b)fluoranthene	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
Benzo(b)fluoranthene	2021-12	ug/L																
Benzo(b)fluoranthene	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
Benzo(b)fluoranthene	2024-04	ug/L											<10.6					
Benzo(ghi)perylene	2009-03	ug/L						< 10	< 10	< 10								
Benzo(ghi)perylene	2009-06	ug/L					< 10.0	< 10	< 10	< 10.0	< 10			< 10.0				
Benzo(ghi)perylene	2009-09	ug/L					< 10.0	< 10.0	< 10.0	< 10.0	< 10.0			< 10.0				
Benzo(ghi)perylene	2009-12	ug/L					< 10.0	< 10.0	< 10.0	< 10.0	< 10.0			< 10.0				
Benzo(ghi)perylene	2010-03	ug/L					< 10.0				< 10.0			< 10.0				
Benzo(ghi)perylene	2010-06	ug/L										< 10.0						
Benzo(ghi)perylene	2010-08	ug/L										< 10.0	< 10.0					
Benzo(ghi)perylene	2010-09	ug/L					< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0				
Benzo(ghi)perylene	2010-12	ug/L										< 10.0						
Benzo(ghi)perylene	2011-03	ug/L											< 10.0		< 10.0			
Benzo(ghi)perylene	2011-06	ug/L											< 10.0		< 10.0	< 10.0	< 10.0	
Benzo(ghi)perylene	2011-09	ug/L					< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	
Benzo(ghi)perylene	2011-12	ug/L													< 10.0	< 10.0	< 10.0	
Benzo(ghi)perylene	2012-03	ug/L														< 10.0	< 10.0	
Benzo(ghi)perylene	2014-12	ug/L															< 10.2	
Benzo(ghi)perylene	2016-10	ug/L							<10	**0.443 J**	<10.9					<11.2	<11.1	
Benzo(ghi)perylene	2017-10	ug/L						<10.5										
Benzo(ghi)perylene	2017-12	ug/L					<10.6					<10.4						<10.4
Benzo(ghi)perylene	2018-07	ug/L											<10.4					
Benzo(ghi)perylene	2018-10	ug/L											<10.4					
Benzo(ghi)perylene	2019-05	ug/L																
Benzo(ghi)perylene	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
Benzo(ghi)perylene	2021-12	ug/L																
Benzo(ghi)perylene	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
Benzo(ghi)perylene	2024-04	ug/L											<10.6					
Benzo(k)fluoranthene	2009-03	ug/L						< 10	< 10	< 10								
Benzo(k)fluoranthene	2009-06	ug/L					< 10.0	< 10	< 10	< 10.0	< 10			< 10.0				
Benzo(k)fluoranthene	2009-09	ug/L					< 10.0	< 10.0	< 10.0	< 10.0	< 10.0			< 10.0				
Benzo(k)fluoranthene	2009-12	ug/L					< 10.0	< 10.0	< 10.0	< 10.0	< 10.0			< 10.0				
Benzo(k)fluoranthene	2010-03	ug/L					< 10.0				< 10.0			< 10.0				
Benzo(k)fluoranthene	2010-06	ug/L										< 10.0						
Benzo(k)fluoranthene	2010-08	ug/L										< 10.0	< 10.0					
Benzo(k)fluoranthene	2010-09	ug/L					< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0				
Benzo(k)fluoranthene	2010-12	ug/L										< 10.0						
Benzo(k)fluoranthene	2011-03	ug/L											< 10.0		< 10.0			
Benzo(k)fluoranthene	2011-06	ug/L											< 10.0		< 10.0	< 10.0	< 10.0	
Benzo(k)fluoranthene	2011-09	ug/L					< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	
Benzo(k)fluoranthene	2011-12	ug/L													< 10.0	< 10.0	< 10.0	
Benzo(k)fluoranthene	2012-03	ug/L														< 10.0	< 10.0	

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Table 20
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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
Benzo(b)fluoranthene	2010-08	ug/L																
Benzo(b)fluoranthene	2010-09	ug/L																
Benzo(b)fluoranthene	2010-12	ug/L																
Benzo(b)fluoranthene	2011-03	ug/L																
Benzo(b)fluoranthene	2011-06	ug/L																
Benzo(b)fluoranthene	2011-09	ug/L																
Benzo(b)fluoranthene	2011-12	ug/L																
Benzo(b)fluoranthene	2012-03	ug/L																
Benzo(b)fluoranthene	2014-12	ug/L																
Benzo(b)fluoranthene	2016-10	ug/L									<10.4					<10.3	<10.2	
Benzo(b)fluoranthene	2017-10	ug/L																
Benzo(b)fluoranthene	2017-12	ug/L			<10.4													
Benzo(b)fluoranthene	2018-07	ug/L								<10.1								
Benzo(b)fluoranthene	2018-10	ug/L								<10.3								
Benzo(b)fluoranthene	2019-05	ug/L		<10.1														
Benzo(b)fluoranthene	2021-10	ug/L																
Benzo(b)fluoranthene	2021-12	ug/L	<10.5															
Benzo(b)fluoranthene	2022-10	ug/L			<8.77													
Benzo(b)fluoranthene	2024-04	ug/L		<10.2														
Benzo(ghi)perylene	2009-03	ug/L																
Benzo(ghi)perylene	2009-06	ug/L																
Benzo(ghi)perylene	2009-09	ug/L																
Benzo(ghi)perylene	2009-12	ug/L																
Benzo(ghi)perylene	2010-03	ug/L																
Benzo(ghi)perylene	2010-06	ug/L																
Benzo(ghi)perylene	2010-08	ug/L																
Benzo(ghi)perylene	2010-09	ug/L																
Benzo(ghi)perylene	2010-12	ug/L																
Benzo(ghi)perylene	2011-03	ug/L																
Benzo(ghi)perylene	2011-06	ug/L																
Benzo(ghi)perylene	2011-09	ug/L																
Benzo(ghi)perylene	2011-12	ug/L																
Benzo(ghi)perylene	2012-03	ug/L																
Benzo(ghi)perylene	2014-12	ug/L																
Benzo(ghi)perylene	2016-10	ug/L									<10.4					<10.3	<10.2	
Benzo(ghi)perylene	2017-10	ug/L																
Benzo(ghi)perylene	2017-12	ug/L			<10.4													
Benzo(ghi)perylene	2018-07	ug/L								<10.1								
Benzo(ghi)perylene	2018-10	ug/L								<10.3								
Benzo(ghi)perylene	2019-05	ug/L		<10.1														
Benzo(ghi)perylene	2021-10	ug/L																
Benzo(ghi)perylene	2021-12	ug/L	<10.5															
Benzo(ghi)perylene	2022-10	ug/L			<8.77													
Benzo(ghi)perylene	2024-04	ug/L		<10.2														
Benzo(k)fluoranthene	2009-03	ug/L																
Benzo(k)fluoranthene	2009-06	ug/L																
Benzo(k)fluoranthene	2009-09	ug/L																
Benzo(k)fluoranthene	2009-12	ug/L																
Benzo(k)fluoranthene	2010-03	ug/L																
Benzo(k)fluoranthene	2010-06	ug/L																
Benzo(k)fluoranthene	2010-08	ug/L																
Benzo(k)fluoranthene	2010-09	ug/L																
Benzo(k)fluoranthene	2010-12	ug/L																
Benzo(k)fluoranthene	2011-03	ug/L																
Benzo(k)fluoranthene	2011-06	ug/L																
Benzo(k)fluoranthene	2011-09	ug/L																
Benzo(k)fluoranthene	2011-12	ug/L																
Benzo(k)fluoranthene	2012-03	ug/L																

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
Benzo(k)fluoranthene	2014-12	ug/L															~~< 10.2~~	
Benzo(k)fluoranthene	2016-10	ug/L							<10	<10	<10.9					<11.2	<11.1	
Benzo(k)fluoranthene	2017-10	ug/L						<10.5										
Benzo(k)fluoranthene	2017-12	ug/L					<10.6					<10.4						<10.4
Benzo(k)fluoranthene	2018-07	ug/L											<10.4					
Benzo(k)fluoranthene	2018-10	ug/L											<10.4					
Benzo(k)fluoranthene	2019-05	ug/L																
Benzo(k)fluoranthene	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
Benzo(k)fluoranthene	2021-12	ug/L																
Benzo(k)fluoranthene	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
Benzo(k)fluoranthene	2024-04	ug/L											<10.6					
Benzyl Alcohol	2009-03	ug/L						~~< 10~~	~~< 10~~	~~< 10~~								
Benzyl Alcohol	2009-06	ug/L					~~< 10.0~~	~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10~~			~~< 10.0~~				
Benzyl Alcohol	2009-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
Benzyl Alcohol	2009-12	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
Benzyl Alcohol	2010-03	ug/L					~~< 10.0~~				~~< 10.0~~			~~< 10.0~~				
Benzyl Alcohol	2010-06	ug/L										~~< 10.0~~						
Benzyl Alcohol	2010-08	ug/L										~~< 10.0~~	~~< 10.0~~					
Benzyl Alcohol	2010-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~				
Benzyl Alcohol	2010-12	ug/L										~~< 10.0~~						
Benzyl Alcohol	2011-03	ug/L											~~< 10.0~~		~~< 10.0~~			
Benzyl Alcohol	2011-06	ug/L											~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Benzyl Alcohol	2011-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Benzyl Alcohol	2011-12	ug/L													~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Benzyl Alcohol	2012-03	ug/L														~~< 10.0~~	~~< 10.0~~	
Benzyl Alcohol	2014-12	ug/L															~~< 10.2~~	
Benzyl Alcohol	2016-10	ug/L							<10	<10	<10.9					<11.2	<11.1	
Benzyl Alcohol	2017-10	ug/L						<10.5										
Benzyl Alcohol	2017-12	ug/L					<10.6					<10.4						<10.4
Benzyl Alcohol	2018-07	ug/L											<10.4					
Benzyl Alcohol	2018-10	ug/L											<10.4					
Benzyl Alcohol	2019-05	ug/L																
Benzyl Alcohol	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
Benzyl Alcohol	2021-12	ug/L																
Benzyl Alcohol	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
Benzyl Alcohol	2024-04	ug/L											<10.6					
Beryllium	2008-01	mg/L					~~< 0.001~~	~~< 0.001~~	~~< 0.00100~~	~~< 0.001~~	~~< 0.001~~	~~< 0.001~~	~~< 0.001~~	**~~0.00146~~**	~~< 0.001~~			
Beryllium	2008-03	mg/L					~~< 0.00100~~	~~< 0.00100~~	~~< 0.00100~~	~~< 0.00100~~	~~< 0.00100~~	~~< 0.00100~~	~~< 0.00100~~	~~< 0.00100~~	~~< 0.00100~~			
Beryllium	2008-08	mg/L					~~< 0.001~~	~~< 0.001~~	~~< 0.001~~	~~< 0.001~~	~~< 0.001~~	~~< 0.001~~	~~< 0.001~~	**~~0.00137~~**	~~< 0.001~~			
Beryllium	2008-09	mg/L					~~< 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~~			
Beryllium	2009-03	mg/L					~~< 0.001~~	~~< 0.001~~	~~< 0.001~~	~~< 0.001~~	~~< 0.001~~	~~< 0.001~~	~~< 0.001~~	**~~0.00117~~**	~~< 0.001~~			
Beryllium	2009-06	mg/L					~~< 0.00100~~	~~< 0.001~~	~~< 0.001~~	~~< 0.00100~~	~~< 0.001~~			~~< 0.00100~~				
Beryllium	2009-09	mg/L					~~< 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~~	~~< 0.00100~~	~~< 0.00100~~	~~< 0.00100~~			~~< 0.00100~~				
Beryllium	2010-03	mg/L					~~< 0.00100~~	~~< 0.00100~~	~~< 0.00100~~	~~< 0.00100~~	~~< 0.00100~~	~~< 0.00100~~	~~< 0.00100~~	~~< 0.00100~~	~~< 0.00100~~			
Beryllium	2010-06	mg/L										~~< 0.00100~~				~~< 0.00100~~	~~< 0.00100~~	~~< 0.00100~~
Beryllium	2010-08	mg/L										~~< 0.00100~~	~~< 0.00100~~			~~< 0.00100~~	~~< 0.00100~~	~~< 0.00100~~
Beryllium	2010-09	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	2010-12	mg/L										~~< 0.00100~~				~~< 0.00100~~	~~< 0.00100~~	~~< 0.00100~~
Beryllium	2011-03	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~~	~~< 0.00100~~
Beryllium	2011-06	mg/L		~~< 0.00100~~									~~< 0.00100~~		~~< 0.00100~~	~~< 0.00100~~	~~< 0.00100~~	
Beryllium	2011-07	mg/L	~~< 0.00100~~															
Beryllium	2011-08	mg/L		~~< 0.00100~~														
Beryllium	2011-09	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~~	~~< 0.00100~~
Beryllium	2011-12	mg/L	~~< 0.00100~~	~~< 0.00100~~											~~< 0.00100~~	~~< 0.00100~~	~~< 0.00100~~	
Beryllium	2012-03	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~~	~~< 0.00100~~	~~< 0.00100~~
Beryllium	2012-04	mg/L																

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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
Benzo(k)fluoranthene	2014-12	ug/L																
Benzo(k)fluoranthene	2016-10	ug/L									<10.4					<10.3	<10.2	
Benzo(k)fluoranthene	2017-10	ug/L																
Benzo(k)fluoranthene	2017-12	ug/L			<10.4													
Benzo(k)fluoranthene	2018-07	ug/L								<10.1								
Benzo(k)fluoranthene	2018-10	ug/L								<10.3								
Benzo(k)fluoranthene	2019-05	ug/L		<10.1														
Benzo(k)fluoranthene	2021-10	ug/L																
Benzo(k)fluoranthene	2021-12	ug/L	<10.5															
Benzo(k)fluoranthene	2022-10	ug/L			<8.77													
Benzo(k)fluoranthene	2024-04	ug/L		<10.2														
Benzyl Alcohol	2009-03	ug/L																
Benzyl Alcohol	2009-06	ug/L																
Benzyl Alcohol	2009-09	ug/L																
Benzyl Alcohol	2009-12	ug/L																
Benzyl Alcohol	2010-03	ug/L																
Benzyl Alcohol	2010-06	ug/L																
Benzyl Alcohol	2010-08	ug/L																
Benzyl Alcohol	2010-09	ug/L																
Benzyl Alcohol	2010-12	ug/L																
Benzyl Alcohol	2011-03	ug/L																
Benzyl Alcohol	2011-06	ug/L																
Benzyl Alcohol	2011-09	ug/L																
Benzyl Alcohol	2011-12	ug/L																
Benzyl Alcohol	2012-03	ug/L																
Benzyl Alcohol	2014-12	ug/L																
Benzyl Alcohol	2016-10	ug/L									<10.4					<10.3	<10.2	
Benzyl Alcohol	2017-10	ug/L																
Benzyl Alcohol	2017-12	ug/L			<10.4													
Benzyl Alcohol	2018-07	ug/L								<10.1								
Benzyl Alcohol	2018-10	ug/L								<10.3								
Benzyl Alcohol	2019-05	ug/L		<10.1														
Benzyl Alcohol	2021-10	ug/L																
Benzyl Alcohol	2021-12	ug/L	<10.5															
Benzyl Alcohol	2022-10	ug/L			<8.77													
Benzyl Alcohol	2024-04	ug/L		<10.2														
Beryllium	2008-01	mg/L																
Beryllium	2008-03	mg/L																
Beryllium	2008-08	mg/L																
Beryllium	2008-09	mg/L																
Beryllium	2008-10	mg/L																
Beryllium	2009-03	mg/L																
Beryllium	2009-06	mg/L																
Beryllium	2009-09	mg/L																
Beryllium	2009-12	mg/L																
Beryllium	2010-03	mg/L																
Beryllium	2010-06	mg/L	~~< 0.00100~~	~~< 0.00100~~														
Beryllium	2010-08	mg/L	~~< 0.00100~~	~~< 0.00100~~														
Beryllium	2010-09	mg/L	~~< 0.00100~~	~~< 0.00100~~														
Beryllium	2010-12	mg/L	~~< 0.00100~~	~~< 0.00100~~														
Beryllium	2011-03	mg/L	~~< 0.00100~~	~~< 0.00100~~														
Beryllium	2011-06	mg/L																
Beryllium	2011-07	mg/L																
Beryllium	2011-08	mg/L																
Beryllium	2011-09	mg/L	~~< 0.00100~~	~~< 0.00100~~														
Beryllium	2011-12	mg/L																
Beryllium	2012-03	mg/L	~~< 0.00100~~	~~< 0.00100~~														
Beryllium	2012-04	mg/L									~~**0.0139**~~	~~< 0.00100~~		~~< 0.00100~~		~~**0.00353**~~	~~**0.0075**~~	

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Beryllium	2012-06	mg/L																
Beryllium	2012-10	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	2013-03	mg/L	< 0.00100	< 0.00100			< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.00100		< 0.00100	< 0.00100	**0.000179**	< 0.00100	**0.000615**
Beryllium	2013-06	mg/L																
Beryllium	2013-09	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	< 0.00100
Beryllium	2013-11	mg/L																
Beryllium	2014-03	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	< 0.00100	< 0.00100
Beryllium	2014-06	mg/L																
Beryllium	2014-09	mg/L	< 0.001	< 0.001			< 0.00100	< 0.00100	< 0.00100	< 0.00100	< 0.001	< 0.001	< 0.001	< 0.00100	**0.000087**	< 0.00100	< 0.00100	< 0.001
Beryllium	2014-12	mg/L															< 0.00100	
Beryllium	2015-04	mg/L	< 0.00100	< 0.001			< 0.001	< 0.001 o	< 0.001 o	< 0.001 o	**0.00007**	< 0.00100	< 0.001 o			< 0.001 o	< 0.001 o	**0.00007**
Beryllium	2015-10	mg/L	**0.000083 J**	**0.000195 J**			<0.001	**0.000067 J**	**0.000047 J**	**0.000163 J**	**0.000143 J**	**0.000045 J**				**0.000073 J**	<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	<0.001	<0.001
Beryllium	2016-10	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	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	<0.001
Beryllium	2017-10	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	2017-12	mg/L					<0.001					<0.001						<0.001
Beryllium	2018-04	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	2018-07	mg/L											<0.001					
Beryllium	2018-10	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	2019-01	mg/L																
Beryllium	2019-03	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	2019-05	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	<0.5	<0.5	<0.001	<0.001	<0.001
Beryllium	2020-03	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	2020-09	mg/L	<0.001	<0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			**0.00108 o**	<0.001	<0.001
Beryllium	2020-11	mg/L	<0.001															
Beryllium	2020-12	mg/L	<0.001															
Beryllium	2021-03	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	2021-05	mg/L																
Beryllium	2021-08	mg/L																
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	<0.001	<0.001
Beryllium	2021-12	mg/L																
Beryllium	2022-02	mg/L	<0.001		<0.001	<0.001												
Beryllium	2022-04	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	<0.001
Beryllium	2022-07	mg/L			<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	<0.001
Beryllium	2023-04	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	2023-05	mg/L			<0.001													
Beryllium	2023-10	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	<0.001
Beryllium	2024-04	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	<0.001
Beryllium	2024-05	mg/L																
Beryllium	2024-09	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	< 0.001	< 0.001
Beryllium	2025-03	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	< 0.001	< 0.001
Beryllium	2025-08	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	< 0.001	< 0.001
beta-BHC	2009-03	ug/L						< 0.032	< 0.032	< 0.032								
beta-BHC	2009-06	ug/L					< 0.0320	< 0.032	< 0.032	< 0.0320	< 0.032			< 0.0320				
beta-BHC	2009-09	ug/L					< 0.0320	< 0.0320	< 0.0320	< 0.0320	< 0.0320			< 0.0320				
beta-BHC	2009-12	ug/L					< 0.0320	< 0.0320	< 0.0320	< 0.0320	< 0.0320			< 0.0320				
beta-BHC	2010-03	ug/L					< 0.0320				< 0.0320			< 0.0320				
beta-BHC	2010-06	ug/L										< 0.0320						
beta-BHC	2010-08	ug/L										< 0.0320	< 0.0320					
beta-BHC	2010-09	ug/L					< 0.0320	< 0.0320	< 0.0320	< 0.0320	< 0.0320	< 0.0320	< 0.0320	< 0.0320				
beta-BHC	2010-12	ug/L										< 0.0320						
beta-BHC	2011-03	ug/L						< 0.0320	< 0.0320	< 0.0320	< 0.0320	< 0.0320	< 0.0320	< 0.0320	< 0.0320			
beta-BHC	2011-06	ug/L											< 0.0320		< 0.0320	< 0.0392	< 0.0320	
beta-BHC	2011-09	ug/L					< 0.0320	< 0.0320	< 0.0320	< 0.0320	< 0.0320	< 0.0320		< 0.0320	< 0.0320	< 0.0320	< 0.0320	
beta-BHC	2011-12	ug/L													< 0.0320	< 0.0320	< 0.0320	

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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
Beryllium	2012-06	mg/L									~~0.0096~~	~~< 0.00100~~		~~< 0.00100~~		~~0.00246~~	~~0.00568~~	
Beryllium	2012-10	mg/L									~~< 0.00100~~			~~< 0.00100~~		~~< 0.00100~~	~~< 0.00100~~	
Beryllium	2013-03	mg/L	~~< 0.00100~~								~~0.00383~~					~~0.00417~~	~~0.000271~~	
Beryllium	2013-06	mg/L			~~0.000427~~													
Beryllium	2013-09	mg/L	~~0.00129~~	~~0.00017~~	~~0.0014~~						~~0.00288~~					~~0.00438~~	~~< 0.00100~~	
Beryllium	2013-11	mg/L			~~0.00154~~													
Beryllium	2014-03	mg/L	~~< 0.00100~~		~~0.000519~~						~~0.000722~~					~~0.00222~~	~~< 0.00100~~	
Beryllium	2014-06	mg/L		~~0.000291~~	~~0.00307~~													
Beryllium	2014-09	mg/L	~~< 0.001~~	~~< 0.001~~	~~0.000137~~						~~0.000154~~					~~0.000075~~	~~0.000199~~	
Beryllium	2014-12	mg/L																
Beryllium	2015-04	mg/L	~~< 0.001 o~~	~~< 0.001 o~~	~~< 0.001 o~~						**0.00006**					< 0.00100	< 0.00100	
Beryllium	2015-10	mg/L	<0.001	**0.000088 J**	<0.001						<0.001					<0.001	**0.000054 J**	
Beryllium	2016-04	mg/L	<0.001	<0.001	<0.001						<0.001					<0.001	<0.001	
Beryllium	2016-10	mg/L	<0.001	<0.001	<0.001						<0.001					<0.001	<0.001	
Beryllium	2017-03	mg/L	<0.001	<0.001	<0.001						<0.001					<0.001	<0.001	
Beryllium	2017-10	mg/L	<0.001	<0.001	<0.001						<0.001					<0.001	<0.001	
Beryllium	2017-12	mg/L			<0.001													
Beryllium	2018-04	mg/L	<0.001	<0.001	<0.001						<0.001					<0.001	<0.001	
Beryllium	2018-07	mg/L								<0.001								
Beryllium	2018-10	mg/L	<0.001	<0.001	<0.001					<0.001	<0.001					<0.001	<0.001	
Beryllium	2019-01	mg/L								<0.001								
Beryllium	2019-03	mg/L	<0.001	<0.001	<0.001					<0.001	<0.001					<0.001	<0.001	
Beryllium	2019-05	mg/L		<0.001						~~<0.001 o~~								
Beryllium	2019-10	mg/L	<0.001	<0.001	<0.001					<0.001	<0.001					<0.001	<0.001	
Beryllium	2020-03	mg/L	<0.001	<0.001	<0.001					<0.001	<0.001					<0.001	<0.001	
Beryllium	2020-09	mg/L	<0.001	<0.001	<0.001					<0.001	<0.001					<0.001	<0.001	
Beryllium	2020-11	mg/L																
Beryllium	2020-12	mg/L																
Beryllium	2021-03	mg/L	<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															
Beryllium	2021-08	mg/L						<0.001	<0.001									
Beryllium	2021-10	mg/L	~~< 0.001 o~~	<0.001	<0.001			<0.001	**0.000359 J**	<0.001	~~**0.000317 J**~~							
Beryllium	2021-12	mg/L	<0.001															
Beryllium	2022-02	mg/L						**0.000274 J**	**0.000392 J**									
Beryllium	2022-04	mg/L	~~< 0.001 o~~	<0.001	<0.001			<0.001	<0.001	<0.001	<0.001							
Beryllium	2022-07	mg/L																
Beryllium	2022-10	mg/L	<0.001	<0.001	<0.001			<0.001	<0.001	<0.001	~~<0.001~~							
Beryllium	2023-04	mg/L	<0.001	<0.001	<0.001			<0.001	~~< 0.001 o~~	<0.001	~~<0.001~~							
Beryllium	2023-05	mg/L																
Beryllium	2023-10	mg/L	<0.001	<0.001	<0.001			<0.001	<0.001	<0.001	<0.001							
Beryllium	2024-04	mg/L	<0.001	<0.001	<0.001			**0.00119**	<0.001	<0.001	<0.001							
Beryllium	2024-05	mg/L						**0.00227**				<0.001	<0.001	<0.001	<0.001			<0.001
Beryllium	2024-09	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	< 0.001	< 0.001
Beryllium	2025-03	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	< 0.001	< 0.001
Beryllium	2025-08	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	< 0.001	< 0.001
beta-BHC	2009-03	ug/L																
beta-BHC	2009-06	ug/L																
beta-BHC	2009-09	ug/L																
beta-BHC	2009-12	ug/L																
beta-BHC	2010-03	ug/L																
beta-BHC	2010-06	ug/L																
beta-BHC	2010-08	ug/L																
beta-BHC	2010-09	ug/L																
beta-BHC	2010-12	ug/L																
beta-BHC	2011-03	ug/L																
beta-BHC	2011-06	ug/L																
beta-BHC	2011-09	ug/L																
beta-BHC	2011-12	ug/L																

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beta-BHC	2012-03	ug/L														~~< 0.0320~~	~~< 0.0320~~	
beta-BHC	2014-12	ug/L															~~< 0.0352~~	
beta-BHC	2016-10	ug/L							**0.00547 J**	**0.0136 J**	<0.0344					<0.033	<0.033	
beta-BHC	2017-10	ug/L						**0.0113 J**										
beta-BHC	2017-12	ug/L					<0.0333					<0.0333						<0.0333
beta-BHC	2018-07	ug/L											<0.0333					
beta-BHC	2018-10	ug/L											<0.033					
beta-BHC	2019-05	ug/L																
beta-BHC	2021-10	ug/L							<0.0337	<0.0337	**0.0418**					<0.0337	<0.0337	
beta-BHC	2021-12	ug/L																
beta-BHC	2022-02	ug/L									<0.064							
beta-BHC	2022-04	ug/L									<0.064							
beta-BHC	2022-10	ug/L					<0.0542	<0.0561			<0.064	<0.0542						<0.0582
beta-BHC	2023-04	ug/L									<0.064							
beta-BHC	2023-10	ug/L									<0.064							
beta-BHC	2024-04	ug/L									<0.064		<0.064					
beta-BHC	2024-09	ug/L									< 0.0936							
beta-BHC	2025-03	ug/L									< 0.0943							
beta-BHC	2025-08	ug/L									< 0.0923							
bis(2-Chloroethoxy)methane	2009-03	ug/L						~~< 10~~	~~< 10~~	~~< 10~~								
bis(2-Chloroethoxy)methane	2009-06	ug/L					~~< 10.0~~	~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10~~			~~< 10.0~~				
bis(2-Chloroethoxy)methane	2009-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
bis(2-Chloroethoxy)methane	2009-12	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
bis(2-Chloroethoxy)methane	2010-03	ug/L					~~< 10.0~~				~~< 10.0~~			~~< 10.0~~				
bis(2-Chloroethoxy)methane	2010-06	ug/L										~~< 10.0~~						
bis(2-Chloroethoxy)methane	2010-08	ug/L										~~< 10.0~~	~~< 10.0~~					
bis(2-Chloroethoxy)methane	2010-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~				
bis(2-Chloroethoxy)methane	2010-12	ug/L										~~< 10.0~~						
bis(2-Chloroethoxy)methane	2011-03	ug/L											~~< 10.0~~		~~< 10.0~~			
bis(2-Chloroethoxy)methane	2011-06	ug/L											~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
bis(2-Chloroethoxy)methane	2011-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
bis(2-Chloroethoxy)methane	2011-12	ug/L													~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
bis(2-Chloroethoxy)methane	2012-03	ug/L														~~< 10.0~~	~~< 10.0~~	
bis(2-Chloroethoxy)methane	2014-12	ug/L															~~< 10.2~~	
bis(2-Chloroethoxy)methane	2016-10	ug/L							<10	<10	<10.9					<11.2	<11.1	
bis(2-Chloroethoxy)methane	2017-10	ug/L						<10.5										
bis(2-Chloroethoxy)methane	2017-12	ug/L					<10.6					<10.4						<10.4
bis(2-Chloroethoxy)methane	2018-07	ug/L											<10.4					
bis(2-Chloroethoxy)methane	2018-10	ug/L											<10.4					
bis(2-Chloroethoxy)methane	2019-05	ug/L																
bis(2-Chloroethoxy)methane	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
bis(2-Chloroethoxy)methane	2021-12	ug/L																
bis(2-Chloroethoxy)methane	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
bis(2-Chloroethoxy)methane	2024-04	ug/L											<10.6					
bis(2-Chloroethyl)ether	2009-03	ug/L						~~< 10~~	~~< 10~~	~~< 10~~								
bis(2-Chloroethyl)ether	2009-06	ug/L					~~< 10.0~~	~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10~~			~~< 10.0~~				
bis(2-Chloroethyl)ether	2009-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
bis(2-Chloroethyl)ether	2009-12	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
bis(2-Chloroethyl)ether	2010-03	ug/L					~~< 10.0~~				~~< 10.0~~			~~< 10.0~~				
bis(2-Chloroethyl)ether	2010-06	ug/L										~~< 10.0~~						
bis(2-Chloroethyl)ether	2010-08	ug/L										~~< 10.0~~	~~< 10.0~~					
bis(2-Chloroethyl)ether	2010-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~				
bis(2-Chloroethyl)ether	2010-12	ug/L										~~< 10.0~~						
bis(2-Chloroethyl)ether	2011-03	ug/L											~~< 10.0~~		~~< 10.0~~			
bis(2-Chloroethyl)ether	2011-06	ug/L											~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
bis(2-Chloroethyl)ether	2011-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
bis(2-Chloroethyl)ether	2011-12	ug/L													~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
bis(2-Chloroethyl)ether	2012-03	ug/L														~~< 10.0~~	~~< 10.0~~	

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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
beta-BHC	2012-03	ug/L																
beta-BHC	2014-12	ug/L																
beta-BHC	2016-10	ug/L									<0.0333					<0.0333	<0.0333	
beta-BHC	2017-10	ug/L																
beta-BHC	2017-12	ug/L			<0.0333													
beta-BHC	2018-07	ug/L								<0.0323								
beta-BHC	2018-10	ug/L								<0.033								
beta-BHC	2019-05	ug/L		<0.0327														
beta-BHC	2021-10	ug/L																
beta-BHC	2021-12	ug/L	<0.0337															
beta-BHC	2022-02	ug/L																
beta-BHC	2022-04	ug/L																
beta-BHC	2022-10	ug/L			<0.0542													
beta-BHC	2023-04	ug/L	<0.064															
beta-BHC	2023-10	ug/L																
beta-BHC	2024-04	ug/L		<0.064														
beta-BHC	2024-09	ug/L								< 0.0956	< 0.0919							
beta-BHC	2025-03	ug/L								< 0.0951	< 0.0923							
beta-BHC	2025-08	ug/L								< 0.0975	< 0.0938							
bis(2-Chloroethoxy)methane	2009-03	ug/L																
bis(2-Chloroethoxy)methane	2009-06	ug/L																
bis(2-Chloroethoxy)methane	2009-09	ug/L																
bis(2-Chloroethoxy)methane	2009-12	ug/L																
bis(2-Chloroethoxy)methane	2010-03	ug/L																
bis(2-Chloroethoxy)methane	2010-06	ug/L																
bis(2-Chloroethoxy)methane	2010-08	ug/L																
bis(2-Chloroethoxy)methane	2010-09	ug/L																
bis(2-Chloroethoxy)methane	2010-12	ug/L																
bis(2-Chloroethoxy)methane	2011-03	ug/L																
bis(2-Chloroethoxy)methane	2011-06	ug/L																
bis(2-Chloroethoxy)methane	2011-09	ug/L																
bis(2-Chloroethoxy)methane	2011-12	ug/L																
bis(2-Chloroethoxy)methane	2012-03	ug/L																
bis(2-Chloroethoxy)methane	2014-12	ug/L																
bis(2-Chloroethoxy)methane	2016-10	ug/L									<10.4					<10.3	<10.2	
bis(2-Chloroethoxy)methane	2017-10	ug/L																
bis(2-Chloroethoxy)methane	2017-12	ug/L			<10.4													
bis(2-Chloroethoxy)methane	2018-07	ug/L								<10.1								
bis(2-Chloroethoxy)methane	2018-10	ug/L								<10.3								
bis(2-Chloroethoxy)methane	2019-05	ug/L		<10.1														
bis(2-Chloroethoxy)methane	2021-10	ug/L																
bis(2-Chloroethoxy)methane	2021-12	ug/L	<10.5															
bis(2-Chloroethoxy)methane	2022-10	ug/L			<8.77													
bis(2-Chloroethoxy)methane	2024-04	ug/L		<10.2														
bis(2-Chloroethyl)ether	2009-03	ug/L																
bis(2-Chloroethyl)ether	2009-06	ug/L																
bis(2-Chloroethyl)ether	2009-09	ug/L																
bis(2-Chloroethyl)ether	2009-12	ug/L																
bis(2-Chloroethyl)ether	2010-03	ug/L																
bis(2-Chloroethyl)ether	2010-06	ug/L																
bis(2-Chloroethyl)ether	2010-08	ug/L																
bis(2-Chloroethyl)ether	2010-09	ug/L																
bis(2-Chloroethyl)ether	2010-12	ug/L																
bis(2-Chloroethyl)ether	2011-03	ug/L																
bis(2-Chloroethyl)ether	2011-06	ug/L																
bis(2-Chloroethyl)ether	2011-09	ug/L																
bis(2-Chloroethyl)ether	2011-12	ug/L																
bis(2-Chloroethyl)ether	2012-03	ug/L																

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Analytical Data Summary
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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
bis(2-Chloroethyl)ether	2014-12	ug/L															~~< 10.2~~	
bis(2-Chloroethyl)ether	2016-10	ug/L							<10	<10	<10.9					<11.2	<11.1	
bis(2-Chloroethyl)ether	2017-10	ug/L						<10.5										
bis(2-Chloroethyl)ether	2017-12	ug/L					<10.6					<10.4						<10.4
bis(2-Chloroethyl)ether	2018-07	ug/L											<10.4					
bis(2-Chloroethyl)ether	2018-10	ug/L											<10.4					
bis(2-Chloroethyl)ether	2019-05	ug/L																
bis(2-Chloroethyl)ether	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
bis(2-Chloroethyl)ether	2021-12	ug/L																
bis(2-Chloroethyl)ether	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
bis(2-Chloroethyl)ether	2024-04	ug/L											<10.6					
bis(2-Ethylhexyl)phthalate	2009-03	ug/L						~~< 10~~	~~< 10~~	~~< 10~~								
bis(2-Ethylhexyl)phthalate	2009-06	ug/L					~~< 10.0~~	~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10~~			~~< 10.0~~				
bis(2-Ethylhexyl)phthalate	2009-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
bis(2-Ethylhexyl)phthalate	2009-12	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
bis(2-Ethylhexyl)phthalate	2010-03	ug/L					~~< 10.0~~				~~< 10.0~~			~~< 10.0~~				
bis(2-Ethylhexyl)phthalate	2010-06	ug/L										~~< 10.0~~						
bis(2-Ethylhexyl)phthalate	2010-08	ug/L										~~< 10.0~~	~~< 10.0~~					
bis(2-Ethylhexyl)phthalate	2010-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~				
bis(2-Ethylhexyl)phthalate	2010-12	ug/L										~~< 10.0~~						
bis(2-Ethylhexyl)phthalate	2011-03	ug/L											~~< 10.0~~		~~< 10.0~~			
bis(2-Ethylhexyl)phthalate	2011-06	ug/L											~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
bis(2-Ethylhexyl)phthalate	2011-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
bis(2-Ethylhexyl)phthalate	2011-12	ug/L													~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
bis(2-Ethylhexyl)phthalate	2012-03	ug/L														~~< 10.0~~	~~< 10.0~~	
bis(2-Ethylhexyl)phthalate	2014-12	ug/L															~~< 10.2~~	
bis(2-Ethylhexyl)phthalate	2016-10	ug/L							**0.647 J**	**0.981 J**	**0.727 J**					**0.697 J**	**0.64 J**	
bis(2-Ethylhexyl)phthalate	2017-10	ug/L						<10.5										
bis(2-Ethylhexyl)phthalate	2017-12	ug/L					**2.44 J**					<10.4						<10.4
bis(2-Ethylhexyl)phthalate	2018-07	ug/L											<10.4					
bis(2-Ethylhexyl)phthalate	2018-10	ug/L											<10.4					
bis(2-Ethylhexyl)phthalate	2019-05	ug/L																
bis(2-Ethylhexyl)phthalate	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
bis(2-Ethylhexyl)phthalate	2021-12	ug/L																
bis(2-Ethylhexyl)phthalate	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
bis(2-Ethylhexyl)phthalate	2024-04	ug/L											<10.6					
Bromochloromethane	2008-01	ug/L					~~< 5~~	~~< 5~~	~~< 5.00~~	~~< 5~~	~~< 5~~	~~< 5~~	~~< 5~~	~~< 5~~	~~< 5~~			
Bromochloromethane	2008-03	ug/L					~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~			
Bromochloromethane	2008-08	ug/L					~~< 5~~	~~< 5~~	~~< 5~~	~~< 5~~	~~< 5~~	~~< 5~~	~~< 5~~	~~< 5~~	~~< 5~~			
Bromochloromethane	2008-09	ug/L					~~< 5~~	~~< 5~~	~~< 5~~	~~< 5~~	~~< 5~~	~~< 5~~	~~< 5~~	~~< 5~~	~~< 5~~			
Bromochloromethane	2008-10	ug/L					~~< 5~~	~~< 5~~	~~< 5~~	~~< 5~~	~~< 5~~	~~< 5~~	~~< 5~~	~~< 5~~	~~< 5~~			
Bromochloromethane	2009-03	ug/L					~~< 5~~	~~< 5~~	~~< 5~~	~~< 5~~	~~< 5~~	~~< 5~~	~~< 5~~	~~< 5~~	~~< 5~~			
Bromochloromethane	2009-06	ug/L					~~< 25.0~~	~~< 5~~	~~< 5~~	~~< 5.00~~	~~< 5~~			~~< 5.00~~				
Bromochloromethane	2009-09	ug/L					~~< 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~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~			~~< 5.00~~				
Bromochloromethane	2010-03	ug/L					~~< 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~~	~~< 5.00~~	~~< 5.00~~
Bromochloromethane	2010-08	ug/L										~~< 5.00~~	~~< 5.00~~			~~< 5.00~~	~~< 5.00~~	~~< 5.00~~
Bromochloromethane	2010-09	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~~
Bromochloromethane	2010-12	ug/L										~~< 5.00~~				~~< 5.00~~	~~< 5.00~~	~~< 5.00~~
Bromochloromethane	2011-03	ug/L		~~< 5.00~~			~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 50.0~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~
Bromochloromethane	2011-04	ug/L					~~< 5.00~~		~~< 5.00~~	~~< 50.0~~	~~< 5.00~~						~~< 5.00~~	
Bromochloromethane	2011-06	ug/L		~~< 5.00~~									~~< 5.00~~		~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	
Bromochloromethane	2011-07	ug/L	~~< 5.00~~															
Bromochloromethane	2011-08	ug/L		~~< 5.00~~														
Bromochloromethane	2011-09	ug/L	~~< 5.00~~	~~< 5.00~~			~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 50.0~~	~~< 5.00~~	~~< 5.00~~		~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~
Bromochloromethane	2011-12	ug/L	~~< 5.00~~	~~< 5.00~~											~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	
Bromochloromethane	2012-03	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~~	~~< 5.00~~	~~< 5.00~~

Cedar Rapids Linn County Solid Waste Agency Site 2
Permit No. 57-SDP-01-72P

Table 20
Analytical Data Summary
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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
bis(2-Chloroethyl)ether	2014-12	ug/L																
bis(2-Chloroethyl)ether	2016-10	ug/L									<10.4					<10.3	<10.2	
bis(2-Chloroethyl)ether	2017-10	ug/L																
bis(2-Chloroethyl)ether	2017-12	ug/L			<10.4													
bis(2-Chloroethyl)ether	2018-07	ug/L								<10.1								
bis(2-Chloroethyl)ether	2018-10	ug/L								<10.3								
bis(2-Chloroethyl)ether	2019-05	ug/L		<10.1														
bis(2-Chloroethyl)ether	2021-10	ug/L																
bis(2-Chloroethyl)ether	2021-12	ug/L	<10.5															
bis(2-Chloroethyl)ether	2022-10	ug/L			<8.77													
bis(2-Chloroethyl)ether	2024-04	ug/L		<10.2														
bis(2-Ethylhexyl)phthalate	2009-03	ug/L																
bis(2-Ethylhexyl)phthalate	2009-06	ug/L																
bis(2-Ethylhexyl)phthalate	2009-09	ug/L																
bis(2-Ethylhexyl)phthalate	2009-12	ug/L																
bis(2-Ethylhexyl)phthalate	2010-03	ug/L																
bis(2-Ethylhexyl)phthalate	2010-06	ug/L																
bis(2-Ethylhexyl)phthalate	2010-08	ug/L																
bis(2-Ethylhexyl)phthalate	2010-09	ug/L																
bis(2-Ethylhexyl)phthalate	2010-12	ug/L																
bis(2-Ethylhexyl)phthalate	2011-03	ug/L																
bis(2-Ethylhexyl)phthalate	2011-06	ug/L																
bis(2-Ethylhexyl)phthalate	2011-09	ug/L																
bis(2-Ethylhexyl)phthalate	2011-12	ug/L																
bis(2-Ethylhexyl)phthalate	2012-03	ug/L																
bis(2-Ethylhexyl)phthalate	2014-12	ug/L																
bis(2-Ethylhexyl)phthalate	2016-10	ug/L									<10.4					**0.595 J**	**0.627 J**	
bis(2-Ethylhexyl)phthalate	2017-10	ug/L																
bis(2-Ethylhexyl)phthalate	2017-12	ug/L			<10.4													
bis(2-Ethylhexyl)phthalate	2018-07	ug/L								<10.1								
bis(2-Ethylhexyl)phthalate	2018-10	ug/L								<10.3								
bis(2-Ethylhexyl)phthalate	2019-05	ug/L		<10.1														
bis(2-Ethylhexyl)phthalate	2021-10	ug/L																
bis(2-Ethylhexyl)phthalate	2021-12	ug/L	<10.5															
bis(2-Ethylhexyl)phthalate	2022-10	ug/L			<8.77													
bis(2-Ethylhexyl)phthalate	2024-04	ug/L		<10.2														
Bromochloromethane	2008-01	ug/L																
Bromochloromethane	2008-03	ug/L																
Bromochloromethane	2008-08	ug/L																
Bromochloromethane	2008-09	ug/L																
Bromochloromethane	2008-10	ug/L																
Bromochloromethane	2009-03	ug/L																
Bromochloromethane	2009-06	ug/L																
Bromochloromethane	2009-09	ug/L																
Bromochloromethane	2009-12	ug/L																
Bromochloromethane	2010-03	ug/L																
Bromochloromethane	2010-06	ug/L	~~< 5.00~~	~~< 5.00~~														
Bromochloromethane	2010-08	ug/L	~~< 5.00~~	~~< 5.00~~														
Bromochloromethane	2010-09	ug/L	~~< 5.00~~	~~< 5.00~~														
Bromochloromethane	2010-12	ug/L	~~< 5.00~~	~~< 5.00~~														
Bromochloromethane	2011-03	ug/L	~~< 5.00~~	~~< 5.00~~														
Bromochloromethane	2011-04	ug/L																
Bromochloromethane	2011-06	ug/L																
Bromochloromethane	2011-07	ug/L																
Bromochloromethane	2011-08	ug/L																
Bromochloromethane	2011-09	ug/L	~~< 5.00~~	~~< 5.00~~														
Bromochloromethane	2011-12	ug/L																
Bromochloromethane	2012-03	ug/L	~~< 5.00~~	~~< 5.00~~														

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Table 20
Analytical Data Summary
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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
Bromochloromethane	2012-06	ug/L																
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	2013-03	ug/L	~~< 5.00~~	~~< 5.00~~			~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 50.0~~	~~< 5.00~~	~~< 5.00~~		~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~
Bromochloromethane	2013-06	ug/L																
Bromochloromethane	2013-09	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~~	~~< 5.00~~
Bromochloromethane	2013-11	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~~	~~< 5.00~~	~~< 5.00~~
Bromochloromethane	2014-06	ug/L																
Bromochloromethane	2014-09	ug/L	~~< 5~~	~~< 5~~			~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 5~~	~~< 5~~	~~< 5~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 5~~
Bromochloromethane	2014-12	ug/L															~~< 5.00~~	
Bromochloromethane	2015-04	ug/L	< 5.00	< 5			< 5	< 5.00	< 5	< 5	< 5	< 5.00	< 5.00			< 5.00	< 5	< 5
Bromochloromethane	2015-10	ug/L	<5	<5			<5	<5	<5	<5	<5	<5				<5	<5	<5
Bromochloromethane	2016-04	ug/L	<5	<5			<5	<5	<5	<5	<5	<5	<5			<5	<5	<5
Bromochloromethane	2016-10	ug/L	<5	<5			<5	<5	<5	<5	<5	<5	<5			<5	<5	<5
Bromochloromethane	2017-03	ug/L	<5	<5			<5	<5	<5	<5	<5	<5	<5			<5	<5	<5
Bromochloromethane	2017-10	ug/L	<5	<5			<5	<5	<5	<5	<5	<5				<5	<5	<5
Bromochloromethane	2017-12	ug/L					<5					<5						<5
Bromochloromethane	2018-04	ug/L	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5			<5	<5	<5
Bromochloromethane	2018-07	ug/L											<5					
Bromochloromethane	2018-10	ug/L	<5	<5			<5	<5	<5	<5	<5	<5	<5			<5	<5	<5
Bromochloromethane	2019-01	ug/L																
Bromochloromethane	2019-03	ug/L	<5	<5			<5	<5	<5	<5	<5	<5	<5			<5	<5	<5
Bromochloromethane	2019-05	ug/L																
Bromochloromethane	2019-10	ug/L	<5	<5			<5	<5	<5	<5	<5	<5	<5			<5	<5	<5
Bromochloromethane	2020-03	ug/L	<5	<5			<5	<5	<5	<5	<5	<5	<5			<5	<5	<5
Bromochloromethane	2020-09	ug/L	<5	<5			<5	<5	<5	<5	<5	<5	<5			<5	<5	<5
Bromochloromethane	2021-03	ug/L	<5	<5			<5	<5	<5	<5	<5	<5	<5			<5	<5	<5
Bromochloromethane	2021-05	ug/L																
Bromochloromethane	2021-08	ug/L																
Bromochloromethane	2021-10	ug/L	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5			<5	<5	<5
Bromochloromethane	2021-12	ug/L																
Bromochloromethane	2022-02	ug/L	<5		<5	<5												
Bromochloromethane	2022-04	ug/L	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5			<5	<5	<5
Bromochloromethane	2022-07	ug/L			<5	<5												
Bromochloromethane	2022-10	ug/L	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				<5	<5	<5
Bromochloromethane	2023-04	ug/L	<5	<5		<5	<5	<5	<5	<5	<5	<5	<5			<5	<5	<5
Bromochloromethane	2023-05	ug/L			<5													
Bromochloromethane	2023-10	ug/L	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				<5	<5	<5
Bromochloromethane	2024-04	ug/L	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5			<5	<5	<5
Bromochloromethane	2024-09	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5			< 5	< 5	< 5
Bromochloromethane	2025-03	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5			< 5	< 5	< 5
Bromochloromethane	2025-08	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5			< 5	< 5	< 5
Bromodichloromethane	2008-01	ug/L					~~< 1~~	~~< 1~~	~~< 1.00~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~			
Bromodichloromethane	2008-03	ug/L					~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~			
Bromodichloromethane	2008-08	ug/L					~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~			
Bromodichloromethane	2008-09	ug/L					~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~			
Bromodichloromethane	2008-10	ug/L					~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~			
Bromodichloromethane	2009-03	ug/L					~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~			
Bromodichloromethane	2009-06	ug/L					~~< 5.00~~	~~< 1~~	~~< 1~~	~~< 1.00~~	~~< 1~~			~~< 1.00~~				
Bromodichloromethane	2009-09	ug/L					~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~			
Bromodichloromethane	2009-12	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 1.00~~	~~< 1.00~~			~~< 1.00~~				
Bromodichloromethane	2010-03	ug/L					~~< 1.00~~	~~< 1.00~~	~~< 5.00~~	~~< 5.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 5.00~~	~~< 1.00~~			
Bromodichloromethane	2010-06	ug/L										~~< 4.00~~				~~< 5.00~~	~~< 5.00~~	~~< 5.00~~
Bromodichloromethane	2010-08	ug/L										~~< 1.00~~	~~< 1.00~~			~~< 1.00~~	~~< 1.00~~	~~< 1.00~~
Bromodichloromethane	2010-09	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	2010-12	ug/L										~~< 1.00~~				~~< 1.00~~	~~< 1.00~~	~~< 1.00~~
Bromodichloromethane	2011-03	ug/L		~~< 1.00~~			~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 10.0~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~
Bromodichloromethane	2011-04	ug/L					~~< 1.00~~		~~< 1.00~~	~~< 10.0~~	~~< 1.00~~						~~< 1.00~~	

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Table 20
Analytical Data Summary
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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
Bromochloromethane	2012-06	ug/L									~~< 5.00~~	~~< 5.00~~		~~< 5.00~~		~~< 5.00~~	~~< 5.00~~	
Bromochloromethane	2012-10	ug/L																
Bromochloromethane	2013-03	ug/L	~~< 5.00~~								~~< 5.00~~							
Bromochloromethane	2013-06	ug/L			~~< 5.00~~													
Bromochloromethane	2013-09	ug/L	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~						~~< 5.00~~							
Bromochloromethane	2013-11	ug/L			~~< 5.00~~													
Bromochloromethane	2014-03	ug/L	~~< 5.00~~		~~< 5.00~~						~~< 5.00~~							
Bromochloromethane	2014-06	ug/L		~~< 5.00~~	~~< 5.00~~													
Bromochloromethane	2014-09	ug/L	~~< 5~~	~~< 5~~	~~< 5~~						~~< 5~~							
Bromochloromethane	2014-12	ug/L																
Bromochloromethane	2015-04	ug/L	< 5.00	< 5.00	< 5.00						< 5							
Bromochloromethane	2015-10	ug/L	<5	<5	<5						<5					<5	<5	
Bromochloromethane	2016-04	ug/L	<5	<5	<5						<5					<5	<5	
Bromochloromethane	2016-10	ug/L	<5	<5	<5						<5					<5	<5	
Bromochloromethane	2017-03	ug/L	<5	<5	<5						<5					<5	<5	
Bromochloromethane	2017-10	ug/L	<5	<5	<5						<5					<5	<5	
Bromochloromethane	2017-12	ug/L			<5													
Bromochloromethane	2018-04	ug/L	<5	<5	<5						<5					<5	<5	
Bromochloromethane	2018-07	ug/L								<5								
Bromochloromethane	2018-10	ug/L	<5	<5	<5					<5	<5					<5	<5	
Bromochloromethane	2019-01	ug/L								<5								
Bromochloromethane	2019-03	ug/L	<5	<5	<5					<5	<5					<5	<5	
Bromochloromethane	2019-05	ug/L		<5						<5								
Bromochloromethane	2019-10	ug/L	<5	<5	<5					<5	<5					<5	<5	
Bromochloromethane	2020-03	ug/L	<5	<5	<5					<5	<5					<5	<5	
Bromochloromethane	2020-09	ug/L	<5	<5	<5					<5	<5					<5	<5	
Bromochloromethane	2021-03	ug/L	<5	<5	<5			<5	<5	<5	<5					<5	<5	
Bromochloromethane	2021-05	ug/L	<5															
Bromochloromethane	2021-08	ug/L						<5	<5									
Bromochloromethane	2021-10	ug/L	<5	<5	<5			<5	<5	<5	<5							
Bromochloromethane	2021-12	ug/L	<5															
Bromochloromethane	2022-02	ug/L						<5	<5									
Bromochloromethane	2022-04	ug/L	<5	<5	<5			<5	<5	<5	<5							
Bromochloromethane	2022-07	ug/L																
Bromochloromethane	2022-10	ug/L	<5	<5	<5			<5	<5	<5	<5							
Bromochloromethane	2023-04	ug/L	<5	<5	<5			<5	<5	<5	<5							
Bromochloromethane	2023-05	ug/L																
Bromochloromethane	2023-10	ug/L	<5	<5	<5			<5	<5	<5	<5							
Bromochloromethane	2024-04	ug/L	<5	<5	<5			<5	<5	<5	<5							
Bromochloromethane	2024-09	ug/L	< 5	< 5	< 5			< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromochloromethane	2025-03	ug/L	< 5	< 5	< 5			< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromochloromethane	2025-08	ug/L	< 5	< 5	< 5			< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromodichloromethane	2008-01	ug/L																
Bromodichloromethane	2008-03	ug/L																
Bromodichloromethane	2008-08	ug/L																
Bromodichloromethane	2008-09	ug/L																
Bromodichloromethane	2008-10	ug/L																
Bromodichloromethane	2009-03	ug/L																
Bromodichloromethane	2009-06	ug/L																
Bromodichloromethane	2009-09	ug/L																
Bromodichloromethane	2009-12	ug/L																
Bromodichloromethane	2010-03	ug/L																
Bromodichloromethane	2010-06	ug/L	~~< 5.00~~	~~< 5.00~~														
Bromodichloromethane	2010-08	ug/L	~~< 1.00~~	~~< 1.00~~														
Bromodichloromethane	2010-09	ug/L	~~< 1.00~~	~~< 1.00~~														
Bromodichloromethane	2010-12	ug/L	~~< 1.00~~	~~< 1.00~~														
Bromodichloromethane	2011-03	ug/L	~~< 1.00~~	~~< 1.00~~														
Bromodichloromethane	2011-04	ug/L																

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
Bromodichloromethane	2011-06	ug/L		~~< 1.00~~									~~< 1.00~~		~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	
Bromodichloromethane	2011-07	ug/L	~~< 1.00~~															
Bromodichloromethane	2011-08	ug/L		~~< 1.00~~														
Bromodichloromethane	2011-09	ug/L	~~< 1.00~~	~~< 1.00~~			~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 10.0~~	~~< 1.00~~	~~< 1.00~~		~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~
Bromodichloromethane	2011-12	ug/L	~~< 1.00~~	~~< 1.00~~											~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	
Bromodichloromethane	2012-03	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~~	~~< 1.00~~	~~< 1.00~~
Bromodichloromethane	2012-06	ug/L																
Bromodichloromethane	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~~
Bromodichloromethane	2013-03	ug/L	~~< 1.00~~	~~< 1.00~~			~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 10.0~~	~~< 1.00~~	~~< 1.00~~		~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~
Bromodichloromethane	2013-06	ug/L																
Bromodichloromethane	2013-09	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~~	~~< 1.00~~
Bromodichloromethane	2013-11	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~~	~~< 1.00~~	~~< 1.00~~
Bromodichloromethane	2014-06	ug/L																
Bromodichloromethane	2014-09	ug/L	~~< 1~~	~~< 1~~			~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1~~
Bromodichloromethane	2014-12	ug/L															~~< 1.00~~	
Bromodichloromethane	2015-04	ug/L	< 1.00	< 1			< 1	< 1.00	< 1	< 1	< 1	< 1.00	< 1.00			< 1.00	< 1	< 1
Bromodichloromethane	2015-10	ug/L	<1	<1			<1	<1	<1	<1	<1	<1				<1	<1	<1
Bromodichloromethane	2016-04	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Bromodichloromethane	2016-10	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Bromodichloromethane	2017-03	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Bromodichloromethane	2017-10	ug/L	<1	<1			<1	<1	<1	<1	<1	<1				<1	<1	<1
Bromodichloromethane	2017-12	ug/L					<1					<1						<1
Bromodichloromethane	2018-04	ug/L	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Bromodichloromethane	2018-07	ug/L											<1					
Bromodichloromethane	2018-10	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Bromodichloromethane	2019-01	ug/L																
Bromodichloromethane	2019-03	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Bromodichloromethane	2019-05	ug/L																
Bromodichloromethane	2019-10	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Bromodichloromethane	2020-03	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Bromodichloromethane	2020-09	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Bromodichloromethane	2021-03	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Bromodichloromethane	2021-05	ug/L																
Bromodichloromethane	2021-08	ug/L																
Bromodichloromethane	2021-10	ug/L	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Bromodichloromethane	2021-12	ug/L																
Bromodichloromethane	2022-02	ug/L	<1		<1	<1												
Bromodichloromethane	2022-04	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Bromodichloromethane	2022-07	ug/L			<1	<1												
Bromodichloromethane	2022-10	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				<1	<1	<1
Bromodichloromethane	2023-04	ug/L	<1	<1		<1	<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Bromodichloromethane	2023-05	ug/L			<1													
Bromodichloromethane	2023-10	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				<1	<1	<1
Bromodichloromethane	2024-04	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Bromodichloromethane	2024-09	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1			< 1	< 1	< 1
Bromodichloromethane	2025-03	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1			< 1	< 1	< 1
Bromodichloromethane	2025-08	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1			< 1	< 1	< 1
Bromoform	2008-01	ug/L					~~< 5~~	~~< 5~~	~~< 5.00~~	~~< 5~~	~~< 5~~	~~< 5~~	~~< 5~~	~~< 5~~	~~< 5~~			
Bromoform	2008-03	ug/L					~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~			
Bromoform	2008-08	ug/L					~~< 5~~	~~< 5~~	~~< 5~~	~~< 5~~	~~< 5~~	~~< 5~~	~~< 5~~	~~< 5~~	~~< 5~~			
Bromoform	2008-09	ug/L					~~< 5~~	~~< 5~~	~~< 5~~	~~< 5~~	~~< 5~~	~~< 5~~	~~< 5~~	~~< 5~~	~~< 5~~			
Bromoform	2008-10	ug/L					~~< 5~~	~~< 5~~	~~< 5~~	~~< 5~~	~~< 5~~	~~< 5~~	~~< 5~~	~~< 5~~	~~< 5~~			
Bromoform	2009-03	ug/L					~~< 5~~	~~< 5~~	~~< 5~~	~~< 5~~	~~< 5~~	~~< 5~~	~~< 5~~	~~< 5~~	~~< 5~~			
Bromoform	2009-06	ug/L					~~< 25.0~~	~~< 5~~	~~< 5~~	~~< 5.00~~	~~< 5~~			~~< 5.00~~				
Bromoform	2009-09	ug/L					~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~			
Bromoform	2009-12	ug/L					~~< 50.0~~	~~< 50.0~~	~~< 50.0~~	~~< 20.0~~	~~< 20.0~~			~~< 20.0~~				
Bromoform	2010-03	ug/L					~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~			

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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
Bromodichloromethane	2011-06	ug/L																
Bromodichloromethane	2011-07	ug/L																
Bromodichloromethane	2011-08	ug/L																
Bromodichloromethane	2011-09	ug/L	~~< 1.00~~	~~< 1.00~~														
Bromodichloromethane	2011-12	ug/L																
Bromodichloromethane	2012-03	ug/L	~~< 1.00~~	~~< 1.00~~														
Bromodichloromethane	2012-06	ug/L									~~< 1.00~~	~~< 1.00~~		~~< 1.00~~		~~< 1.00~~	~~< 1.00~~	
Bromodichloromethane	2012-10	ug/L																
Bromodichloromethane	2013-03	ug/L	~~< 1.00~~								~~< 1.00~~							
Bromodichloromethane	2013-06	ug/L			~~< 1.00~~													
Bromodichloromethane	2013-09	ug/L	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~						~~< 1.00~~							
Bromodichloromethane	2013-11	ug/L			~~< 1.00~~													
Bromodichloromethane	2014-03	ug/L	~~< 1.00~~		~~< 1.00~~						~~< 1.00~~							
Bromodichloromethane	2014-06	ug/L		~~< 1.00~~	~~< 1.00~~													
Bromodichloromethane	2014-09	ug/L	~~< 1~~	~~< 1~~	~~< 1~~						~~< 1~~							
Bromodichloromethane	2014-12	ug/L																
Bromodichloromethane	2015-04	ug/L	< 1.00	< 1.00	< 1.00						< 1							
Bromodichloromethane	2015-10	ug/L	<1	<1	<1						<1					<1	<1	
Bromodichloromethane	2016-04	ug/L	<1	<1	<1						<1					<1	<1	
Bromodichloromethane	2016-10	ug/L	<1	<1	<1						<1					<1	<1	
Bromodichloromethane	2017-03	ug/L	<1	<1	<1						<1					<1	<1	
Bromodichloromethane	2017-10	ug/L	<1	<1	<1						<1					<1	<1	
Bromodichloromethane	2017-12	ug/L			<1													
Bromodichloromethane	2018-04	ug/L	<1	<1	<1						<1					<1	<1	
Bromodichloromethane	2018-07	ug/L								<1								
Bromodichloromethane	2018-10	ug/L	<1	<1	<1					<1	<1					<1	<1	
Bromodichloromethane	2019-01	ug/L								<1								
Bromodichloromethane	2019-03	ug/L	<1	<1	<1					<1	<1					<1	<1	
Bromodichloromethane	2019-05	ug/L		<1						<1								
Bromodichloromethane	2019-10	ug/L	<1	<1	<1					<1	<1					<1	<1	
Bromodichloromethane	2020-03	ug/L	<1	<1	<1					<1	<1					<1	<1	
Bromodichloromethane	2020-09	ug/L	<1	<1	<1					<1	<1					<1	<1	
Bromodichloromethane	2021-03	ug/L	<1	<1	<1			<1	<1	<1	<1					<1	<1	
Bromodichloromethane	2021-05	ug/L	<1															
Bromodichloromethane	2021-08	ug/L						<1	<1									
Bromodichloromethane	2021-10	ug/L	<1	<1	<1			<1	<1	<1	<1							
Bromodichloromethane	2021-12	ug/L	<1															
Bromodichloromethane	2022-02	ug/L						<1	<1									
Bromodichloromethane	2022-04	ug/L	<1	<1	<1			<1	<1	<1	<1							
Bromodichloromethane	2022-07	ug/L																
Bromodichloromethane	2022-10	ug/L	<1	<1	<1			<1	<1	<1	<1							
Bromodichloromethane	2023-04	ug/L	<1	<1	<1			<1	<1	<1	<1							
Bromodichloromethane	2023-05	ug/L																
Bromodichloromethane	2023-10	ug/L	<1	<1	<1			<1	<1	<1	<1							
Bromodichloromethane	2024-04	ug/L	<1	<1	<1			<1	<1	<1	<1							
Bromodichloromethane	2024-09	ug/L	< 1	< 1	< 1			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Bromodichloromethane	2025-03	ug/L	< 1	< 1	< 1			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Bromodichloromethane	2025-08	ug/L	< 1	< 1	< 1			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Bromoform	2008-01	ug/L																
Bromoform	2008-03	ug/L																
Bromoform	2008-08	ug/L																
Bromoform	2008-09	ug/L																
Bromoform	2008-10	ug/L																
Bromoform	2009-03	ug/L																
Bromoform	2009-06	ug/L																
Bromoform	2009-09	ug/L																
Bromoform	2009-12	ug/L																
Bromoform	2010-03	ug/L																

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
Bromoform	2010-06	ug/L										< 5.00				< 5.00	< 5.00	< 5.00
Bromoform	2010-08	ug/L										< 5.00	< 5.00			< 5.00	< 5.00	< 5.00
Bromoform	2010-09	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	2010-12	ug/L										< 10.0				< 10.0	< 10.0	< 10.0
Bromoform	2011-03	ug/L		< 5.00			< 10.0	< 5.00	< 5.00	< 100	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00
Bromoform	2011-04	ug/L					< 5.00		< 5.00	< 50.0	< 5.00						< 5.00	
Bromoform	2011-06	ug/L		< 5.00									< 5.00		< 5.00	< 5.00	< 5.00	
Bromoform	2011-07	ug/L	< 5.00															
Bromoform	2011-08	ug/L		< 5.00														
Bromoform	2011-09	ug/L	< 5.00	< 5.00			< 5.00	< 5.00	< 5.00	< 50.0	< 5.00	< 5.00		< 5.00	< 5.00	< 5.00	< 5.00	< 5.00
Bromoform	2011-12	ug/L	< 5.00	< 5.00											< 5.00	< 5.00	< 5.00	
Bromoform	2012-03	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	< 5.00	< 5.00
Bromoform	2012-06	ug/L																
Bromoform	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
Bromoform	2013-03	ug/L	< 5.00	< 5.00			< 5.00	< 5.00	< 5.00	< 50.0	< 5.00	< 5.00		< 5.00	< 5.00	< 5.00	< 5.00	< 5.00
Bromoform	2013-06	ug/L																
Bromoform	2013-09	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	< 5.00
Bromoform	2013-11	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	< 5.00	< 5.00
Bromoform	2014-06	ug/L																
Bromoform	2014-09	ug/L	< 5	< 5			< 5.00	< 5.00	< 5.00	< 5.00	< 5	< 5	< 5	< 5.00	< 5.00	< 5.00	< 5.00	< 5
Bromoform	2014-12	ug/L															< 5.00	
Bromoform	2015-04	ug/L	< 5.00	< 5			< 5	< 5.00	< 5	< 5	< 5	< 5.00	< 5.00			< 5.00	< 5	< 5
Bromoform	2015-10	ug/L	<5	<5			<5	<5	<5	<5	<5	<5				<5	<5	<5
Bromoform	2016-04	ug/L	<5	<5			<5	<5	<5	<5	<5	<5	<5			<5	<5	<5
Bromoform	2016-10	ug/L	<5	<5			<5	<5	<5	<5	<5	<5	<5			<5	<5	<5
Bromoform	2017-03	ug/L	<5	<5			<5	<5	<5	<5	<5	<5	<5			<5	<5	<5
Bromoform	2017-10	ug/L	<5	<5			<5	<5	<5	<5	<5	<5				<5	<5	<5
Bromoform	2017-12	ug/L					<5					<5						<5
Bromoform	2018-04	ug/L	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5			<5	<5	<5
Bromoform	2018-07	ug/L											<5					
Bromoform	2018-10	ug/L	<5	<5			<5	<5	<5	<5	<5	<5	<5			<5	<5	<5
Bromoform	2019-01	ug/L																
Bromoform	2019-03	ug/L	<5	<5			<5	<5	<5	<5	<5	<5	<5			<5	<5	<5
Bromoform	2019-05	ug/L																
Bromoform	2019-10	ug/L	<5	<5			<5	<5	<5	<5	<5	<5	<5			<5	<5	<5
Bromoform	2020-03	ug/L	<5	<5			<5	<5	<5	<5	<5	<5	<5			<5	<5	<5
Bromoform	2020-09	ug/L	<5	<5			<5	<5	<5	<5	<5	<5	<5			<5	<5	<5
Bromoform	2021-03	ug/L	<5	<5			<5	<5	<5	<5	<5	<5	<5			<5	<5	<5
Bromoform	2021-05	ug/L																
Bromoform	2021-08	ug/L																
Bromoform	2021-10	ug/L	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5			<5	<5	<5
Bromoform	2021-12	ug/L																
Bromoform	2022-02	ug/L	<5		<5	<5												
Bromoform	2022-04	ug/L	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5			<5	<5	<5
Bromoform	2022-07	ug/L			<5	<5												
Bromoform	2022-10	ug/L	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				<5	<5	<5
Bromoform	2023-04	ug/L	<5	<5		<5	<5	<5	<5	<5	<5	<5	<5			<5	<5	<5
Bromoform	2023-05	ug/L			<5													
Bromoform	2023-10	ug/L	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				<5	<5	<5
Bromoform	2024-04	ug/L	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5			<5	<5	<5
Bromoform	2024-09	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5			< 5	< 5	< 5
Bromoform	2025-03	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5			< 5	< 5	< 5
Bromoform	2025-08	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5			< 5	< 5	< 5
Bromomethane	2008-01	ug/L					< 4	< 4	< 4.00	< 4	< 4	< 4	< 4	< 4	< 4			
Bromomethane	2008-03	ug/L					< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00			
Bromomethane	2008-08	ug/L					< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4			
Bromomethane	2008-09	ug/L					< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4			

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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
Bromoform	2010-06	ug/L	~~< 5.00~~	~~< 5.00~~														
Bromoform	2010-08	ug/L	~~< 5.00~~	~~< 5.00~~														
Bromoform	2010-09	ug/L	~~< 5.00~~	~~< 5.00~~														
Bromoform	2010-12	ug/L	~~< 10.0~~	~~< 10.0~~														
Bromoform	2011-03	ug/L	~~< 5.00~~	~~< 5.00~~														
Bromoform	2011-04	ug/L																
Bromoform	2011-06	ug/L																
Bromoform	2011-07	ug/L																
Bromoform	2011-08	ug/L																
Bromoform	2011-09	ug/L	~~< 5.00~~	~~< 5.00~~														
Bromoform	2011-12	ug/L																
Bromoform	2012-03	ug/L	~~< 5.00~~	~~< 5.00~~														
Bromoform	2012-06	ug/L									~~< 5.00~~	~~< 5.00~~		~~< 5.00~~		~~< 5.00~~	~~< 5.00~~	
Bromoform	2012-10	ug/L																
Bromoform	2013-03	ug/L	~~< 5.00~~								~~< 5.00~~							
Bromoform	2013-06	ug/L			~~< 5.00~~													
Bromoform	2013-09	ug/L	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~						~~< 5.00~~							
Bromoform	2013-11	ug/L			~~< 5.00~~													
Bromoform	2014-03	ug/L	~~< 5.00~~		~~< 5.00~~						~~< 5.00~~							
Bromoform	2014-06	ug/L		~~< 5.00~~	~~< 5.00~~													
Bromoform	2014-09	ug/L	~~< 5~~	~~< 5~~	~~< 5~~						~~< 5~~							
Bromoform	2014-12	ug/L																
Bromoform	2015-04	ug/L	< 5.00	< 5.00	< 5.00						< 5							
Bromoform	2015-10	ug/L	<5	<5	<5						<5					<5	<5	
Bromoform	2016-04	ug/L	<5	<5	<5						<5					<5	<5	
Bromoform	2016-10	ug/L	<5	<5	<5						<5					<5	<5	
Bromoform	2017-03	ug/L	<5	<5	<5						<5					<5	<5	
Bromoform	2017-10	ug/L	<5	<5	<5						<5					<5	<5	
Bromoform	2017-12	ug/L			<5													
Bromoform	2018-04	ug/L	<5	<5	<5						<5					<5	<5	
Bromoform	2018-07	ug/L								<5								
Bromoform	2018-10	ug/L	<5	<5	<5					<5	<5					<5	<5	
Bromoform	2019-01	ug/L								<5								
Bromoform	2019-03	ug/L	<5	<5	<5					<5	<5					<5	<5	
Bromoform	2019-05	ug/L		<5						<5								
Bromoform	2019-10	ug/L	<5	<5	<5					<5	<5					<5	<5	
Bromoform	2020-03	ug/L	<5	<5	<5					<5	<5					<5	<5	
Bromoform	2020-09	ug/L	<5	<5	<5					<5	<5					<5	<5	
Bromoform	2021-03	ug/L	<5	<5	<5			<5	<5	<5	<5					<5	<5	
Bromoform	2021-05	ug/L	<5															
Bromoform	2021-08	ug/L						<5	<5									
Bromoform	2021-10	ug/L	<5	<5	<5			<5	<5	<5	<5							
Bromoform	2021-12	ug/L	<5															
Bromoform	2022-02	ug/L						<5	<5									
Bromoform	2022-04	ug/L	<5	<5	<5			<5	<5	<5	<5							
Bromoform	2022-07	ug/L																
Bromoform	2022-10	ug/L	<5	<5	<5			<5	<5	<5	<5							
Bromoform	2023-04	ug/L	<5	<5	<5			<5	<5	<5	<5							
Bromoform	2023-05	ug/L																
Bromoform	2023-10	ug/L	<5	<5	<5			<5	<5	<5	<5							
Bromoform	2024-04	ug/L	<5	<5	<5			<5	<5	<5	<5							
Bromoform	2024-09	ug/L	< 5	< 5	< 5			< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromoform	2025-03	ug/L	< 5	< 5	< 5			< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromoform	2025-08	ug/L	< 5	< 5	< 5			< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bromomethane	2008-01	ug/L																
Bromomethane	2008-03	ug/L																
Bromomethane	2008-08	ug/L																
Bromomethane	2008-09	ug/L																

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
Bromomethane	2008-10	ug/L					~~< 4~~	~~< 4~~	~~< 4~~	~~< 4~~	~~< 4~~	~~< 4~~	~~< 4~~	~~< 4~~	~~< 4~~			
Bromomethane	2009-03	ug/L					~~< 4~~	~~< 4~~	~~< 4~~	~~< 4~~	~~< 4~~	~~< 4~~	~~< 4~~	~~< 4~~	~~< 4~~			
Bromomethane	2009-06	ug/L					~~< 20.0~~	~~< 4~~	~~< 4~~	~~< 4.00~~	~~< 4~~			~~< 4.00~~				
Bromomethane	2009-09	ug/L					~~< 4.00~~	~~< 4.00~~	~~< 4.00~~	~~< 4.00~~	~~< 4.00~~	~~< 4.00~~	~~< 4.00~~	~~< 4.00~~	~~< 4.00~~			
Bromomethane	2009-12	ug/L					~~< 4.00~~	~~< 4.00~~	~~< 4.00~~	~~< 4.00~~	~~< 4.00~~			~~< 4.00~~				
Bromomethane	2010-03	ug/L					~~< 4.00~~	~~< 4.00~~	~~< 10.0~~	~~< 10.0~~	~~< 4.00~~	~~< 4.00~~	~~< 4.00~~	~~< 10.0~~	~~< 4.00~~			
Bromomethane	2010-06	ug/L										~~< 4.00~~				~~< 4.00~~	~~< 4.00~~	~~< 4.00~~
Bromomethane	2010-08	ug/L										~~< 4.00~~	~~< 4.00~~			~~< 4.00~~	~~< 4.00~~	~~< 4.00~~
Bromomethane	2010-09	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~~
Bromomethane	2010-12	ug/L										~~< 4.00~~				~~< 4.00~~	~~< 4.00~~	~~< 4.00~~
Bromomethane	2011-03	ug/L		~~< 4.00~~			~~< 4.00~~	~~< 4.00~~	~~< 4.00~~	~~< 40.0~~	~~< 4.00~~	~~< 4.00~~	~~< 4.00~~	~~< 4.00~~	~~< 4.00~~	~~< 4.00~~	~~< 4.00~~	~~< 4.00~~
Bromomethane	2011-04	ug/L					~~< 4.00~~		~~< 4.00~~	~~< 40.0~~	~~< 4.00~~						~~< 4.00~~	
Bromomethane	2011-06	ug/L		~~< 20.0~~									~~< 20.0~~		~~< 20.0~~	~~< 20.0~~	~~< 20.0~~	
Bromomethane	2011-07	ug/L	~~< 4.00~~															
Bromomethane	2011-08	ug/L		~~< 4.00~~														
Bromomethane	2011-09	ug/L	~~< 4.00~~	~~< 4.00~~			~~< 4.00~~	~~< 4.00~~	~~< 4.00~~	~~< 40.0~~	~~< 4.00~~	~~< 4.00~~		~~< 4.00~~	~~< 4.00~~	~~< 4.00~~	~~< 4.00~~	~~< 4.00~~
Bromomethane	2011-12	ug/L	~~< 4.00~~	~~< 20.0~~											~~< 4.00~~	~~< 4.00~~	~~< 4.00~~	
Bromomethane	2012-03	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~~	~~< 4.00~~	~~< 4.00~~
Bromomethane	2012-06	ug/L																
Bromomethane	2012-10	ug/L	~~< 20.0~~	~~< 20.0~~			~~< 20.0~~	~~< 20.0~~	~~< 20.0~~	~~< 20.0~~	~~< 20.0~~			~~< 20.0~~	~~< 20.0~~	~~< 20.0~~	~~< 20.0~~	~~< 20.0~~
Bromomethane	2013-03	ug/L	~~< 4.00~~	~~< 4.00~~			~~< 4.00~~	~~< 4.00~~	~~< 4.00~~	~~< 40.0~~	~~< 4.00~~	~~< 4.00~~		~~< 4.00~~	~~< 4.00~~	~~< 4.00~~	~~< 4.00~~	~~< 4.00~~
Bromomethane	2013-06	ug/L																
Bromomethane	2013-09	ug/L	~~< 4.00~~	**~~0.765~~**			~~< 4.00~~	~~< 4.00~~	~~< 4.00~~	~~< 4.00~~	~~< 4.00~~	~~< 4.00~~		~~< 4.00~~	~~< 4.00~~	~~< 4.00~~	~~< 4.00~~	~~< 4.00~~
Bromomethane	2013-11	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~~	~~< 4.00~~	~~< 4.00~~
Bromomethane	2014-06	ug/L																
Bromomethane	2014-09	ug/L	~~< 4~~	~~< 4~~			~~< 4.00~~	~~< 4.00~~	~~< 4.00~~	~~< 4.00~~	~~< 4~~	~~< 4~~	~~< 4~~	~~< 4.00~~	~~< 4.00~~	~~< 4.00~~	~~< 4.00~~	~~< 4~~
Bromomethane	2014-12	ug/L															~~< 4.00~~	
Bromomethane	2015-04	ug/L	< 4.00	< 4			< 4	< 4.00	< 4	**0.327**	< 4	< 4.00	< 4.00			< 4.00	< 4	< 4
Bromomethane	2015-10	ug/L	<4	<4			<4	<4	<4	<4	<4	<4				<4	<4	<4
Bromomethane	2016-04	ug/L	<4	<4			<4	<4	<4	<4	<4	<4	<4			<4	<4	<4
Bromomethane	2016-10	ug/L	**0.43 J**	<4			<4	<4	<4	<4	<4	<4	<4			<4	<4	<4
Bromomethane	2017-03	ug/L	**0.222 J**	<4			<4	<4	<4	<4	<4	<4	<4			<4	<4	<4
Bromomethane	2017-10	ug/L	<4	<4			<4	<4	<4	<4	<4	<4				<4	<4	<4
Bromomethane	2017-12	ug/L					<4					<4						<4
Bromomethane	2018-04	ug/L	<4	<4	<4		<4	<4	<4	**0.346 J**	<4	<4	<4			**0.222 J**	<4	<4
Bromomethane	2018-07	ug/L											<4					
Bromomethane	2018-10	ug/L	<4	<4			<4	<4	<4	<4	<4	<4	<4			<4	<4	<4
Bromomethane	2019-01	ug/L																
Bromomethane	2019-03	ug/L	<4	<4			<4	<4	<4	<4	<4	<4	<4			<4	<4	<4
Bromomethane	2019-05	ug/L																
Bromomethane	2019-10	ug/L	<5	<5			<5	<4	<5	<5	<4	<5	<5			<5	<4	<5
Bromomethane	2020-03	ug/L	<4	<4			<4	<4	<4	<4	<4	<4	<4			<4	<4	<4
Bromomethane	2020-09	ug/L	<4	<4			<4	<4	<4	<4	<4	<4	<4			<4	<4	<4
Bromomethane	2021-03	ug/L	<4	<4			<4	<4	<4	<4	<4	<4	<4			<4	<4	<4
Bromomethane	2021-05	ug/L																
Bromomethane	2021-08	ug/L																
Bromomethane	2021-10	ug/L	<4	<4	<4		<4	<4	<4	<4	<4	<4	<4			<4	<4	<4
Bromomethane	2021-12	ug/L																
Bromomethane	2022-02	ug/L	<4		<4	<4												
Bromomethane	2022-04	ug/L	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4			<4	<4	<4
Bromomethane	2022-07	ug/L			<4	<4												
Bromomethane	2022-10	ug/L	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4				<4	<4	<4
Bromomethane	2023-04	ug/L	<4	<4		<4	<4	<4	<4	<4	<4	<4	<4			<4	<4	<4
Bromomethane	2023-05	ug/L			<4													
Bromomethane	2023-10	ug/L	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4				<4	<4	<4
Bromomethane	2024-04	ug/L	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4			<4	<4	<4
Bromomethane	2024-09	ug/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4			< 4	< 4	< 4

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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
Bromomethane	2008-10	ug/L																
Bromomethane	2009-03	ug/L																
Bromomethane	2009-06	ug/L																
Bromomethane	2009-09	ug/L																
Bromomethane	2009-12	ug/L																
Bromomethane	2010-03	ug/L																
Bromomethane	2010-06	ug/L	~~< 4.00~~	~~< 4.00~~														
Bromomethane	2010-08	ug/L	~~< 4.00~~	~~< 4.00~~														
Bromomethane	2010-09	ug/L	~~< 4.00~~	~~< 4.00~~														
Bromomethane	2010-12	ug/L	~~< 4.00~~	~~< 4.00~~														
Bromomethane	2011-03	ug/L	~~< 4.00~~	~~< 4.00~~														
Bromomethane	2011-04	ug/L																
Bromomethane	2011-06	ug/L																
Bromomethane	2011-07	ug/L																
Bromomethane	2011-08	ug/L																
Bromomethane	2011-09	ug/L	~~< 4.00~~	~~< 4.00~~														
Bromomethane	2011-12	ug/L																
Bromomethane	2012-03	ug/L	~~< 4.00~~	~~< 4.00~~														
Bromomethane	2012-06	ug/L									~~< 4.00~~	~~< 4.00~~		~~< 4.00~~		~~< 4.00~~	~~< 4.00~~	
Bromomethane	2012-10	ug/L																
Bromomethane	2013-03	ug/L	~~< 4.00~~								~~< 4.00~~							
Bromomethane	2013-06	ug/L			~~< 4.00~~													
Bromomethane	2013-09	ug/L	~~< 4.00~~	~~< 4.00~~	~~< 4.00~~						~~< 4.00~~							
Bromomethane	2013-11	ug/L			~~< 4.00~~													
Bromomethane	2014-03	ug/L	~~< 4.00~~		~~< 4.00~~						~~< 4.00~~							
Bromomethane	2014-06	ug/L		~~< 4.00~~	~~< 4.00~~													
Bromomethane	2014-09	ug/L	~~< 4~~	~~< 4~~	~~< 4~~						~~< 4~~							
Bromomethane	2014-12	ug/L																
Bromomethane	2015-04	ug/L	< 4.00	< 4.00	< 4.00						< 4							
Bromomethane	2015-10	ug/L	<4	<4	<4						<4					<4	<4	
Bromomethane	2016-04	ug/L	<4	**0.286 J**	**0.301 J**						<4					<4	<4	
Bromomethane	2016-10	ug/L	<4	<4	<4						<4					<4	<4	
Bromomethane	2017-03	ug/L	<4	<4	<4						**0.286 J**					<4	<4	
Bromomethane	2017-10	ug/L	<4	<4	<4						<4					<4	<4	
Bromomethane	2017-12	ug/L			<4													
Bromomethane	2018-04	ug/L	<4	<4	<4						<4					<4	<4	
Bromomethane	2018-07	ug/L								<4								
Bromomethane	2018-10	ug/L	<4	<4	<4					<4	<4					<4	<4	
Bromomethane	2019-01	ug/L								<4								
Bromomethane	2019-03	ug/L	<4	<4	<4					<4	<4					<4	<4	
Bromomethane	2019-05	ug/L		<4						<4								
Bromomethane	2019-10	ug/L	<5	<4	<4					<5	<4					<4	<4	
Bromomethane	2020-03	ug/L	<4	<4	<4					<4	<4					<4	<4	
Bromomethane	2020-09	ug/L	<4	<4	<4					<4	<4					<4	<4	
Bromomethane	2021-03	ug/L	<4	<4	<4			<4	<4	<4	<4					<4	<4	
Bromomethane	2021-05	ug/L	<4															
Bromomethane	2021-08	ug/L						<4	<4									
Bromomethane	2021-10	ug/L	<4	<4	<4			<4	<4	<4	<4							
Bromomethane	2021-12	ug/L	<4															
Bromomethane	2022-02	ug/L						<4	<4									
Bromomethane	2022-04	ug/L	<4	<4	<4			<4	<4	<4	<4							
Bromomethane	2022-07	ug/L																
Bromomethane	2022-10	ug/L	<4	<4	<4			<4	<4	<4	<4							
Bromomethane	2023-04	ug/L	<4	<4	<4			<4	<4	<4	<4							
Bromomethane	2023-05	ug/L																
Bromomethane	2023-10	ug/L	<4	<4	<4			<4	<4	<4	<4							
Bromomethane	2024-04	ug/L	<4	<4	<4			<4	<4	<4	<4							
Bromomethane	2024-09	ug/L	< 4	< 4	< 4			< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
Bromomethane	2025-03	ug/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4			< 4	< 4	< 4
Bromomethane	2025-08	ug/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4			< 4	< 4	< 4
Butylbenzylphthalate	2009-03	ug/L						< 10	< 10	< 10								
Butylbenzylphthalate	2009-06	ug/L					< 10.0	< 10	< 10	< 10.0	< 10			< 10.0				
Butylbenzylphthalate	2009-09	ug/L					< 10.0	< 10.0	< 10.0	< 10.0	< 10.0			< 10.0				
Butylbenzylphthalate	2009-12	ug/L					< 10.0	< 10.0	< 10.0	< 10.0	< 10.0			< 10.0				
Butylbenzylphthalate	2010-03	ug/L					< 10.0				< 10.0			< 10.0				
Butylbenzylphthalate	2010-06	ug/L										< 10.0						
Butylbenzylphthalate	2010-08	ug/L										< 10.0	< 10.0					
Butylbenzylphthalate	2010-09	ug/L					< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0				
Butylbenzylphthalate	2010-12	ug/L										< 10.0						
Butylbenzylphthalate	2011-03	ug/L											< 10.0		< 10.0			
Butylbenzylphthalate	2011-06	ug/L											< 10.0		< 10.0	< 10.0	< 10.0	
Butylbenzylphthalate	2011-09	ug/L					< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	
Butylbenzylphthalate	2011-12	ug/L													< 10.0	< 10.0	< 10.0	
Butylbenzylphthalate	2012-03	ug/L														< 10.0	< 10.0	
Butylbenzylphthalate	2014-12	ug/L															< 10.2	
Butylbenzylphthalate	2016-10	ug/L							<10	<10	<10.9					<11.2	<11.1	
Butylbenzylphthalate	2017-10	ug/L						<10.5										
Butylbenzylphthalate	2017-12	ug/L					<10.6					<10.4						<10.4
Butylbenzylphthalate	2018-07	ug/L											<10.4					
Butylbenzylphthalate	2018-10	ug/L											<10.4					
Butylbenzylphthalate	2019-05	ug/L																
Butylbenzylphthalate	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
Butylbenzylphthalate	2021-12	ug/L																
Butylbenzylphthalate	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
Butylbenzylphthalate	2024-04	ug/L											<10.6					
Cadmium	2008-01	mg/L					< 0.0005	**0.000986**	< 0.000500	< 0.0005	< 0.0005	**0.000509**	< 0.0005	< 0.0005	< 0.0005			
Cadmium	2008-03	mg/L					< 0.000500	**0.0008**	< 0.000500	< 0.000500	< 0.000500	< 0.000500	< 0.000500	< 0.000500	< 0.000500			
Cadmium	2008-08	mg/L					< 0.0005	**0.000969**	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005			
Cadmium	2008-09	mg/L					< 0.0005	**0.00137**	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005			
Cadmium	2008-10	mg/L					< 0.0005	**0.00145**	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005			
Cadmium	2009-03	mg/L					< 0.0005	**0.000701**	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005			
Cadmium	2009-06	mg/L					< 0.000500	< 0.0005	< 0.0005	< 0.000500	< 0.0005			< 0.000500				
Cadmium	2009-09	mg/L					< 0.000500	**0.00154**	< 0.000500	< 0.000500	< 0.000500	< 0.000500	< 0.000500	< 0.000500	< 0.000500			
Cadmium	2009-12	mg/L					< 0.000500	< 0.000500	< 0.000500	< 0.000500	< 0.000500			< 0.000500				
Cadmium	2010-03	mg/L					< 0.000500	< 0.000500	< 0.000500	< 0.000500	< 0.000500	< 0.000500	< 0.000500	< 0.000500	< 0.000500			
Cadmium	2010-06	mg/L										< 0.000500				< 0.000500	< 0.000500	< 0.000500
Cadmium	2010-08	mg/L										< 0.000500	< 0.000500			< 0.000500	< 0.000500	< 0.000500
Cadmium	2010-09	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
Cadmium	2010-12	mg/L										< 0.000500				< 0.000500	< 0.000500	< 0.000500
Cadmium	2011-03	mg/L		< 0.000500			< 0.000500	**0.000505**	< 0.000500	< 0.000500	< 0.000500	< 0.000500	< 0.000500	< 0.000500	< 0.000500	< 0.000500	< 0.000500	< 0.000500
Cadmium	2011-06	mg/L		< 0.000500									< 0.000500		< 0.000500	< 0.000500	< 0.000500	
Cadmium	2011-07	mg/L	< 0.000500															
Cadmium	2011-08	mg/L		< 0.000500														
Cadmium	2011-09	mg/L	< 0.000500	< 0.000500			< 0.000500	**0.00059**	< 0.000500	< 0.000500	< 0.000500	< 0.000500		< 0.000500	< 0.000500	< 0.000500	< 0.000500	< 0.000500
Cadmium	2011-12	mg/L	< 0.000500	< 0.000500											< 0.000500	< 0.000500	< 0.000500	
Cadmium	2012-03	mg/L	< 0.000500	< 0.000500			< 0.000500	**0.000578**	< 0.000500	< 0.000500	< 0.000500	< 0.000500	< 0.000500	< 0.000500	< 0.000500	< 0.000500	< 0.000500	< 0.000500
Cadmium	2012-04	mg/L																
Cadmium	2012-06	mg/L																
Cadmium	2012-10	mg/L	< 0.000500	< 0.000500			< 0.000500	**0.000537**	< 0.000500	< 0.000500	< 0.000500			< 0.000500	< 0.000500	< 0.000500	< 0.000500	< 0.000500
Cadmium	2013-03	mg/L	< 0.000500	< 0.000500			< 0.000500	**0.000526**	< 0.000500	< 0.000500	< 0.000500	< 0.000500		< 0.000500	< 0.000500	**0.00123**	< 0.000500	**0.000359**
Cadmium	2013-06	mg/L																
Cadmium	2013-09	mg/L	< 0.000500	< 0.000500			< 0.000500	**0.000329**	< 0.000500	< 0.000500	< 0.000500	< 0.000500		< 0.000500	< 0.000500	< 0.000500	< 0.000500	< 0.000500
Cadmium	2013-11	mg/L																
Cadmium	2013-12	mg/L																
Cadmium	2014-03	mg/L	< 0.000500	< 0.000500			< 0.000500	**0.00033**	**0.000144**	**0.000086**	**0.000115**	**0.000121**	**8.39E-05**	**9.52E-05**	**7.59E-05**	**0.000442**	< 0.000500	< 0.000500
Cadmium	2014-06	mg/L																

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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
Bromomethane	2025-03	ug/L	< 4	< 4	< 4			< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Bromomethane	2025-08	ug/L	< 4	< 4	< 4			< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Butylbenzylphthalate	2009-03	ug/L																
Butylbenzylphthalate	2009-06	ug/L																
Butylbenzylphthalate	2009-09	ug/L																
Butylbenzylphthalate	2009-12	ug/L																
Butylbenzylphthalate	2010-03	ug/L																
Butylbenzylphthalate	2010-06	ug/L																
Butylbenzylphthalate	2010-08	ug/L																
Butylbenzylphthalate	2010-09	ug/L																
Butylbenzylphthalate	2010-12	ug/L																
Butylbenzylphthalate	2011-03	ug/L																
Butylbenzylphthalate	2011-06	ug/L																
Butylbenzylphthalate	2011-09	ug/L																
Butylbenzylphthalate	2011-12	ug/L																
Butylbenzylphthalate	2012-03	ug/L																
Butylbenzylphthalate	2014-12	ug/L																
Butylbenzylphthalate	2016-10	ug/L									<10.4					<10.3	<10.2	
Butylbenzylphthalate	2017-10	ug/L																
Butylbenzylphthalate	2017-12	ug/L			<10.4													
Butylbenzylphthalate	2018-07	ug/L								<10.1								
Butylbenzylphthalate	2018-10	ug/L								<10.3								
Butylbenzylphthalate	2019-05	ug/L		<10.1														
Butylbenzylphthalate	2021-10	ug/L																
Butylbenzylphthalate	2021-12	ug/L	<10.5															
Butylbenzylphthalate	2022-10	ug/L			<8.77													
Butylbenzylphthalate	2024-04	ug/L		<10.2														
Cadmium	2008-01	mg/L																
Cadmium	2008-03	mg/L																
Cadmium	2008-08	mg/L																
Cadmium	2008-09	mg/L																
Cadmium	2008-10	mg/L																
Cadmium	2009-03	mg/L																
Cadmium	2009-06	mg/L																
Cadmium	2009-09	mg/L																
Cadmium	2009-12	mg/L																
Cadmium	2010-03	mg/L																
Cadmium	2010-06	mg/L	~~< 0.000500~~	~~< 0.000500~~														
Cadmium	2010-08	mg/L	~~< 0.000500~~	~~< 0.000500~~														
Cadmium	2010-09	mg/L	~~< 0.000500~~	~~< 0.000500~~														
Cadmium	2010-12	mg/L	~~< 0.000500~~	~~< 0.000500~~														
Cadmium	2011-03	mg/L	~~< 0.000500~~	~~< 0.000500~~														
Cadmium	2011-06	mg/L																
Cadmium	2011-07	mg/L																
Cadmium	2011-08	mg/L																
Cadmium	2011-09	mg/L	~~< 0.000500~~	~~< 0.000500~~														
Cadmium	2011-12	mg/L																
Cadmium	2012-03	mg/L	~~< 0.000500~~	~~< 0.000500~~														
Cadmium	2012-04	mg/L									~~0.00212~~	~~< 0.000500~~		~~< 0.000500~~		~~0.00123~~	~~0.00153~~	
Cadmium	2012-06	mg/L									~~0.00148~~	~~< 0.000500~~		~~< 0.000500~~		~~0.000857~~	~~0.000979~~	
Cadmium	2012-10	mg/L									~~< 0.000500~~			~~< 0.000500~~		~~< 0.000500~~	~~< 0.000500~~	
Cadmium	2013-03	mg/L	~~< 0.000500~~								~~0.00028~~					~~0.00124~~	~~< 0.000500~~	
Cadmium	2013-06	mg/L			~~< 0.000500~~													
Cadmium	2013-09	mg/L	~~0.00214~~	~~< 0.000500~~	~~0.00043~~						~~0.00119~~					~~0.00173~~	~~< 0.000500~~	
Cadmium	2013-11	mg/L			~~0.000229~~													
Cadmium	2013-12	mg/L	~~0.00174~~															
Cadmium	2014-03	mg/L	~~0.000883~~		~~< 0.000500~~						~~< 0.000500~~					~~0.00128~~	~~< 0.000500~~	
Cadmium	2014-06	mg/L		~~0.000212~~	~~0.00588~~													

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
Cadmium	2014-09	mg/L	< 0.0005	< 0.0005			< 0.000500	**0.000113**	< 0.000500	< 0.000500	< 0.0005	**0.00149**	< 0.0005	< 0.000500	< 0.000500	**0.000449**	< 0.000500	**0.000221**
Cadmium	2014-12	mg/L															< 0.000500	
Cadmium	2015-04	mg/L	< 0.000500	< 0.0005			< 0.0005	**0.000202**	< 0.0005	< 0.0005 o	< 0.0005 o	< 0.000500	< 0.000500			< 0.000500	< 0.0005 o	**0.000272**
Cadmium	2015-10	mg/L	<0.0005	<0.0005			<0.0005	**0.000175 J**	<0.0005	<0.0005	<0.0005	**0.000158 J**				**0.000228 J**	<0.0005	**0.000129 J**
Cadmium	2016-04	mg/L	<0.0005	<0.0005			<0.0005	**0.000092 J**	<0.0005	<0.0005	<0.0005	**0.000087 J**	<0.0005			**0.000073 J**	<0.0005	<0.0005
Cadmium	2016-10	mg/L	<0.0005	<0.0005			<0.0005	**0.00014 J**	<0.0005	<0.0005	<0.0005	**0.000218**	**0.000065**			**0.000244 J**	**0.000061 J**	**0.000043**
Cadmium	2017-03	mg/L	<0.0005	<0.0005			<0.0005	**0.000116 J**	**0.000153 J**	<0.0005	<0.0005	**0.000124 J**	<0.0005			**0.000067 J**	<0.0005	<0.0005
Cadmium	2017-10	mg/L	<0.0005	<0.0005			<0.0005	**0.000132 J**	<0.0005	<0.0005	<0.0005	**0.000448 J**				**0.000094 J**	<0.0005	<0.0005
Cadmium	2017-12	mg/L					<0.0005					**0.000399 J**						**0.000094 J**
Cadmium	2018-04	mg/L	<0.0005	**0.000398 Je**	<0.0005		<0.0005	**0.000268 J**	<0.0005	<0.0005	<0.0005	**0.000101 J**	**0.00013 J**			**0.000599**	<0.0005	**0.000084 J**
Cadmium	2018-07	mg/L											**0.000155 J**					
Cadmium	2018-10	mg/L	<0.0005	<0.0005			<0.0005	**0.000118 J**	<0.0005	<0.0005	<0.0005	**0.00009 J**	<0.0005			**0.000182 J**	<0.0005	<0.0005
Cadmium	2019-01	mg/L																
Cadmium	2019-03	mg/L	<0.0005	<0.0005			<0.0005	**0.000121 J**	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005			<0.0005	<0.0005	<0.0005
Cadmium	2019-05	mg/L																
Cadmium	2019-10	mg/L	<0.0001	<0.0001			**0.000068 J**	**0.000123**	<0.0001	<0.0001	<0.0001	**0.000117**	**0.000081 J**			**0.000299**	<0.0001	**0.000117**
Cadmium	2020-03	mg/L	<0.0001	<0.0001			**0.000209 o**	**0.000068 J**	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001			**0.00017**	<0.0001	<0.0001
Cadmium	2020-09	mg/L	<0.0001	<0.0001			**0.00009 J**	**0.000087 J**	<0.0001	<0.0001	<0.0001	**0.00018**	<0.0001			**0.000165**	<0.0001	**0.000064 J**
Cadmium	2020-11	mg/L	<0.0001															
Cadmium	2020-12	mg/L	<0.0001															
Cadmium	2021-03	mg/L	<0.0001	<0.0001			**0.000078 J**	**0.000063 J**	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001			**0.000067 J**	<0.0001	<0.0001
Cadmium	2021-05	mg/L																
Cadmium	2021-08	mg/L																
Cadmium	2021-10	mg/L	<0.0001	<0.0001	<0.0001		**0.000149**	**0.000096 J**	<0.0001	<0.0001	<0.0001	**0.000368**	<0.0001			**0.000057 J**	<0.0001	<0.0001
Cadmium	2021-12	mg/L																
Cadmium	2022-02	mg/L	<0.0001		<0.0001	<0.0001												
Cadmium	2022-04	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	**0.000185**	**0.000122**	<0.0001	<0.0001	<0.0001	**0.000078 J**			<0.0001	<0.0001	<0.0001
Cadmium	2022-07	mg/L			**0.000073 J**	<0.0001												
Cadmium	2022-10	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	**0.000132**	**0.00018**	<0.0001	<0.0001	<0.0001	**0.000659**				**0.000084 J**	<0.0001	<0.0001
Cadmium	2023-04	mg/L	<0.0002	<0.0002		**0.000102 J**	<0.0002	**0.000144 J**	<0.0002	<0.0002	<0.0002	**0.000177 J**	<0.0002			<0.0002	<0.0002	<0.0002
Cadmium	2023-05	mg/L			<0.0002													
Cadmium	2023-06	mg/L																
Cadmium	2023-10	mg/L	<0.0002	<0.0002	<0.0002	<0.0002	**0.000134 J**	**0.00053**	<0.0002	<0.0002	<0.0002	**0.000488**				<0.0002	**0.00026 o**	<0.0002
Cadmium	2024-04	mg/L	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	**0.000211**	**0.000119 J**	<0.0002	<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	**0.000181 J**	**0.000181 J**	**0.000138 J**	< 0.0002	< 0.0002	**0.000168 J**	< 0.0002			**0.000295**	< 0.0002	< 0.0002
Cadmium	2025-03	mg/L	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	**0.00015 J**	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002			< 0.0002	< 0.0002	< 0.0002
Cadmium	2025-08	mg/L	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002			< 0.0002	< 0.0002	< 0.0002
Carbon Disulfide	2008-01	ug/L					< 1	< 1	< 1.00	< 1	< 1	< 1	< 1	< 1	< 1			
Carbon Disulfide	2008-03	ug/L					< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00			
Carbon Disulfide	2008-08	ug/L					< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1			
Carbon Disulfide	2008-09	ug/L					**0.23**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1			
Carbon Disulfide	2008-10	ug/L					< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1			
Carbon Disulfide	2009-03	ug/L					< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1			
Carbon Disulfide	2009-06	ug/L					< 5.00	< 1	< 1	< 1.00	< 1			< 1.00				
Carbon Disulfide	2009-09	ug/L					< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00			
Carbon Disulfide	2009-12	ug/L					< 10.0	< 10.0	< 10.0	< 1.00	< 1.00			< 1.00				
Carbon Disulfide	2010-03	ug/L					< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00			
Carbon Disulfide	2010-06	ug/L										< 1.00				< 5.00	< 5.00	< 5.00
Carbon Disulfide	2010-08	ug/L										< 4.00	< 4.00			< 4.00	< 4.00	< 4.00
Carbon Disulfide	2010-09	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
Carbon Disulfide	2010-12	ug/L										< 1.00				< 1.00	< 1.00	< 1.00
Carbon Disulfide	2011-03	ug/L		< 1.00			< 1.00	< 1.00	< 1.00	< 10.0	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Carbon Disulfide	2011-04	ug/L					< 1.00		< 1.00	< 10.0	< 1.00						< 1.00	
Carbon Disulfide	2011-06	ug/L		< 1.00									< 1.00		< 1.00	< 1.00	< 1.00	
Carbon Disulfide	2011-07	ug/L	< 1.00															
Carbon Disulfide	2011-08	ug/L		< 1.00														
Carbon Disulfide	2011-09	ug/L	< 1.00	< 1.00			< 1.00	< 1.00	< 1.00	< 10.0	< 1.00	< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00

Cedar Rapids Linn County Solid Waste Agency Site 2
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Table 20
Analytical Data Summary
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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
Cadmium	2014-09	mg/L	~~0.000291~~	~~< 0.0005~~	~~< 0.0005~~						~~< 0.0005~~					~~0.000114~~	~~< 0.0005~~	
Cadmium	2014-12	mg/L																
Cadmium	2015-04	mg/L	**0.000799**	< 0.000500	~~< 0.0005 o~~						~~< 0.0005 o~~					< 0.000500	< 0.000500	
Cadmium	2015-10	mg/L	**0.00013 J**	<0.0005	<0.0005						~~<0.0005~~					<0.0005	<0.0005	
Cadmium	2016-04	mg/L	<0.0005	<0.0005	<0.0005						~~<0.0005~~					<0.0005	<0.0005	
Cadmium	2016-10	mg/L	**0.000401 J**	**0.000052 J**	<0.0005						~~<0.0005~~					<0.0005	<0.0005	
Cadmium	2017-03	mg/L	**0.00043 J**	<0.0005	<0.0005						~~<0.0005~~					<0.0005	<0.0005	
Cadmium	2017-10	mg/L	<0.0005	<0.0005	<0.0005						~~<0.0005~~					<0.0005	<0.0005	
Cadmium	2017-12	mg/L			<0.0005													
Cadmium	2018-04	mg/L	**0.000119 J**	<0.0005	<0.0005						~~<0.0005~~					<0.0005	<0.0005	
Cadmium	2018-07	mg/L								~~<0.0005~~								
Cadmium	2018-10	mg/L	<0.0005	<0.0005	**0.000063 J**					~~<0.0005~~	**0.000065 J**					<0.0005	<0.0005	
Cadmium	2019-01	mg/L								~~<0.0005~~								
Cadmium	2019-03	mg/L	<0.0005	<0.0005	<0.0005					~~<0.0005~~	~~<0.0005~~					<0.0005	<0.0005	
Cadmium	2019-05	mg/L		<0.0005						~~<0.0005 o~~								
Cadmium	2019-10	mg/L	<0.0001	<0.0001	<0.0001					<0.0001	<0.0001					<0.0001	<0.0001	
Cadmium	2020-03	mg/L	<0.0001	**0.000062 J**	<0.0001					<0.0001	<0.0001					<0.0001	<0.0001	
Cadmium	2020-09	mg/L	<0.0001	<0.0001	<0.0001					<0.0001	<0.0001					<0.0001	<0.0001	
Cadmium	2020-11	mg/L																
Cadmium	2020-12	mg/L																
Cadmium	2021-03	mg/L	**0.000371**	~~**0.000127 o**~~	**0.000059 J**			<0.0001	**0.000126**	<0.0001	<0.0001					<0.0001	<0.0001	
Cadmium	2021-05	mg/L	**0.00036**															
Cadmium	2021-08	mg/L						**0.000065 J**	**0.000079 J**									
Cadmium	2021-10	mg/L	**0.000443**	**0.000063 J**	<0.0001			<0.0001	**0.000194**	<0.0001	~~**0.000139**~~							
Cadmium	2021-12	mg/L	**0.000129**															
Cadmium	2022-02	mg/L						**0.000213**	**0.000157**									
Cadmium	2022-04	mg/L	**0.000924**	**0.00014**	<0.0001			**0.000082 J**	<0.0001	<0.0001	<0.0001							
Cadmium	2022-07	mg/L																
Cadmium	2022-10	mg/L	<0.0001	**0.000085 J**	<0.0001			<0.0001	<0.0001	<0.0001	~~**0.000081 J**~~							
Cadmium	2023-04	mg/L	**0.00629**	<0.0002	<0.0002			**0.000148 J**	<0.0002	<0.0002	~~<0.0002~~							
Cadmium	2023-05	mg/L																
Cadmium	2023-06	mg/L	**0.00607**															
Cadmium	2023-10	mg/L	**0.00172**	<0.0002	<0.0002			~~<0.0002~~	**0.000105 J**	<0.0002	<0.0002							
Cadmium	2024-04	mg/L	**0.000173 J**	<0.0002	<0.0002			~~**0.000875**~~	<0.0002	<0.0002	<0.0002							
Cadmium	2024-05	mg/L						~~**0.000576**~~				**0.000173 J**	<0.0002	<0.0002	<0.0002			<0.0002
Cadmium	2024-09	mg/L	< 0.0002	**0.000117 J**	< 0.0002			**0.000314**	< 0.0002	< 0.0002	< 0.0002	**0.000246**	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Cadmium	2025-03	mg/L	**0.00167**	< 0.0002	< 0.0002			**0.000136 J**	< 0.0002	< 0.0002	< 0.0002	**0.000119 J**	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Cadmium	2025-08	mg/L	**0.00165**	< 0.0002	< 0.0002			**0.000161 J**	< 0.0002	< 0.0002	< 0.0002	**0.000223**	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Carbon Disulfide	2008-01	ug/L																
Carbon Disulfide	2008-03	ug/L																
Carbon Disulfide	2008-08	ug/L																
Carbon Disulfide	2008-09	ug/L																
Carbon Disulfide	2008-10	ug/L																
Carbon Disulfide	2009-03	ug/L																
Carbon Disulfide	2009-06	ug/L																
Carbon Disulfide	2009-09	ug/L																
Carbon Disulfide	2009-12	ug/L																
Carbon Disulfide	2010-03	ug/L																
Carbon Disulfide	2010-06	ug/L	~~< 5.00~~	~~< 5.00~~														
Carbon Disulfide	2010-08	ug/L	~~< 4.00~~	~~< 4.00~~														
Carbon Disulfide	2010-09	ug/L	~~< 4.00~~	~~< 4.00~~														
Carbon Disulfide	2010-12	ug/L	~~< 1.00~~	~~< 1.00~~														
Carbon Disulfide	2011-03	ug/L	~~< 1.00~~	~~< 1.00~~														
Carbon Disulfide	2011-04	ug/L																
Carbon Disulfide	2011-06	ug/L																
Carbon Disulfide	2011-07	ug/L																
Carbon Disulfide	2011-08	ug/L																
Carbon Disulfide	2011-09	ug/L	~~< 1.00~~	~~< 1.00~~														

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Table 20
Analytical Data Summary
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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
Carbon Disulfide	2011-12	ug/L	~~< 1.00~~	~~< 1.00~~											~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	
Carbon Disulfide	2012-03	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~~	~~< 1.00~~	~~< 1.00~~
Carbon Disulfide	2012-06	ug/L																
Carbon Disulfide	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~~
Carbon Disulfide	2013-03	ug/L	~~< 1.00~~	~~< 1.00~~			~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 10.0~~	~~< 1.00~~	~~< 1.00~~		~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~
Carbon Disulfide	2013-06	ug/L																
Carbon Disulfide	2013-09	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~~	~~< 1.00~~
Carbon Disulfide	2013-11	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~~	~~< 1.00~~	~~< 1.00~~
Carbon Disulfide	2014-06	ug/L																
Carbon Disulfide	2014-09	ug/L	~~< 1~~	~~< 1~~			~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1~~
Carbon Disulfide	2014-12	ug/L															~~< 1.00~~	
Carbon Disulfide	2015-04	ug/L	< 1.00	< 1			~~< 1 o~~	< 1.00	< 1	< 1	< 1	< 1.00	< 1.00			< 1.00	< 1	< 1
Carbon Disulfide	2015-10	ug/L	<1	<1			<1	<1	<1	<1	<1	<1				<1	<1	<1
Carbon Disulfide	2016-04	ug/L	<1	<1			<1	<1	<1	<1	**0.231 J**	<1	<1			<1	<1	<1
Carbon Disulfide	2016-10	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Carbon Disulfide	2017-03	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Carbon Disulfide	2017-10	ug/L	<1	<1			<1	<1	<1	**0.161 J**	<1	<1				<1	<1	<1
Carbon Disulfide	2017-12	ug/L					~~**0.993 Jo**~~					<1						~~**0.581 Jo**~~
Carbon Disulfide	2018-04	ug/L	<1	<1	<1		<1	<1	<1	**0.384 J**	<1	<1	<1			<1	<1	<1
Carbon Disulfide	2018-07	ug/L											<1					
Carbon Disulfide	2018-10	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Carbon Disulfide	2019-01	ug/L																
Carbon Disulfide	2019-03	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Carbon Disulfide	2019-05	ug/L																
Carbon Disulfide	2019-10	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Carbon Disulfide	2020-03	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Carbon Disulfide	2020-09	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Carbon Disulfide	2021-03	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Carbon Disulfide	2021-05	ug/L																
Carbon Disulfide	2021-08	ug/L																
Carbon Disulfide	2021-10	ug/L	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Carbon Disulfide	2021-12	ug/L																
Carbon Disulfide	2022-02	ug/L	<1		<1	<1												
Carbon Disulfide	2022-04	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Carbon Disulfide	2022-07	ug/L			<1	<1												
Carbon Disulfide	2022-10	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				<1	<1	<1
Carbon Disulfide	2023-04	ug/L	<1	<1		<1	<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Carbon Disulfide	2023-05	ug/L			<1													
Carbon Disulfide	2023-10	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				<1	<1	<1
Carbon Disulfide	2024-04	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Carbon Disulfide	2024-09	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1			< 1	< 1	< 1
Carbon Disulfide	2025-03	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1			< 1	< 1	< 1
Carbon Disulfide	2025-08	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1			< 1	< 1	< 1
Carbon Tetrachloride	2008-01	ug/L					~~< 2~~	~~< 2~~	~~< 2.00~~	~~< 2~~	~~< 2~~	~~< 2~~	~~< 2~~	~~< 2~~	~~< 2~~			
Carbon Tetrachloride	2008-03	ug/L					~~< 2.00~~	~~< 2.00~~	~~**3.08**~~	~~< 2.00~~	~~**2.93**~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~			
Carbon Tetrachloride	2008-08	ug/L					~~< 2~~	~~< 2~~	~~< 2~~	~~< 2~~	~~< 2~~	~~< 2~~	~~< 2~~	~~< 2~~	~~< 2~~			
Carbon Tetrachloride	2008-09	ug/L					~~< 2~~	~~< 2~~	~~< 2~~	~~< 2~~	~~< 2~~	~~< 2~~	~~< 2~~	~~< 2~~	~~< 2~~			
Carbon Tetrachloride	2008-10	ug/L					~~< 2~~	~~< 2~~	~~< 2~~	~~< 2~~	~~< 2~~	~~< 2~~	~~< 2~~	~~< 2~~	~~< 2~~			
Carbon Tetrachloride	2009-03	ug/L					~~< 2~~	~~< 2~~	~~< 2~~	~~< 2~~	~~< 2~~	~~< 2~~	~~< 2~~	~~< 2~~	~~< 2~~			
Carbon Tetrachloride	2009-06	ug/L					~~< 10.0~~	~~< 2~~	~~< 2~~	~~< 2.00~~	~~< 2~~			~~< 2.00~~				
Carbon Tetrachloride	2009-09	ug/L					~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~			
Carbon Tetrachloride	2009-12	ug/L					~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 2.00~~	~~< 2.00~~			~~< 2.00~~				
Carbon Tetrachloride	2010-03	ug/L					~~< 2.00~~	~~< 2.00~~	~~< 10.0~~	~~< 10.0~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 10.0~~	~~< 2.00~~			
Carbon Tetrachloride	2010-06	ug/L										~~< 4.00~~				~~< 4.00~~	~~< 4.00~~	~~< 4.00~~
Carbon Tetrachloride	2010-08	ug/L										~~< 5.00~~	~~< 5.00~~			~~< 5.00~~	~~< 5.00~~	~~< 5.00~~
Carbon Tetrachloride	2010-09	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~~
Carbon Tetrachloride	2010-12	ug/L										~~< 5.00~~				~~< 5.00~~	~~< 5.00~~	~~< 5.00~~

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Table 20
Analytical Data Summary
2025 Annual Water Quality Report

Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
Carbon Disulfide	2011-12	ug/L																
Carbon Disulfide	2012-03	ug/L	~~< 1.00~~	~~< 1.00~~														
Carbon Disulfide	2012-06	ug/L									~~< 1.00~~	~~< 1.00~~		~~< 1.00~~		~~< 1.00~~	~~< 1.00~~	
Carbon Disulfide	2012-10	ug/L																
Carbon Disulfide	2013-03	ug/L	~~< 1.00~~								~~< 1.00~~							
Carbon Disulfide	2013-06	ug/L			~~< 1.00~~													
Carbon Disulfide	2013-09	ug/L	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~						~~0.273~~							
Carbon Disulfide	2013-11	ug/L			~~< 1.00~~													
Carbon Disulfide	2014-03	ug/L	~~< 1.00~~		~~< 1.00~~						~~< 1.00~~							
Carbon Disulfide	2014-06	ug/L		~~< 1.00~~	~~< 1.00~~													
Carbon Disulfide	2014-09	ug/L	~~< 1~~	~~< 1~~	~~< 1~~						~~< 1~~							
Carbon Disulfide	2014-12	ug/L																
Carbon Disulfide	2015-04	ug/L	< 1.00	< 1.00	< 1.00						< 1							
Carbon Disulfide	2015-10	ug/L	<1	<1	<1						<1					<1	<1	
Carbon Disulfide	2016-04	ug/L	<1	<1	<1						<1					<1	<1	
Carbon Disulfide	2016-10	ug/L	<1	<1	<1						<1					<1	<1	
Carbon Disulfide	2017-03	ug/L	<1	<1	<1						<1					<1	<1	
Carbon Disulfide	2017-10	ug/L	<1	<1	<1						<1					<1	<1	
Carbon Disulfide	2017-12	ug/L			~~0.324 Jo~~													
Carbon Disulfide	2018-04	ug/L	<1	<1	<1						**0.18 J**					<1	<1	
Carbon Disulfide	2018-07	ug/L								<1								
Carbon Disulfide	2018-10	ug/L	<1	<1	<1					<1	<1					<1	<1	
Carbon Disulfide	2019-01	ug/L								<1								
Carbon Disulfide	2019-03	ug/L	<1	<1	<1					<1	<1					<1	<1	
Carbon Disulfide	2019-05	ug/L		<1						<1								
Carbon Disulfide	2019-10	ug/L	<1	<1	<1					<1	<1					<1	<1	
Carbon Disulfide	2020-03	ug/L	<1	<1	<1					<1	<1					<1	<1	
Carbon Disulfide	2020-09	ug/L	<1	<1	<1					<1	<1					<1	<1	
Carbon Disulfide	2021-03	ug/L	<1	<1	<1			<1	<1	~~0.679 Jo~~	<1					<1	<1	
Carbon Disulfide	2021-05	ug/L	<1															
Carbon Disulfide	2021-08	ug/L						<1	<1									
Carbon Disulfide	2021-10	ug/L	<1	<1	<1			<1	<1	<1	<1							
Carbon Disulfide	2021-12	ug/L	<1															
Carbon Disulfide	2022-02	ug/L						<1	<1									
Carbon Disulfide	2022-04	ug/L	<1	<1	<1			<1	<1	<1	<1							
Carbon Disulfide	2022-07	ug/L																
Carbon Disulfide	2022-10	ug/L	<1	<1	<1			<1	<1	<1	<1							
Carbon Disulfide	2023-04	ug/L	<1	<1	<1			<1	<1	<1	<1							
Carbon Disulfide	2023-05	ug/L																
Carbon Disulfide	2023-10	ug/L	<1	<1	<1			<1	<1	<1	<1							
Carbon Disulfide	2024-04	ug/L	<1	<1	<1			<1	<1	<1	<1							
Carbon Disulfide	2024-09	ug/L	< 1	< 1	< 1			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Carbon Disulfide	2025-03	ug/L	< 1	< 1	< 1			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Carbon Disulfide	2025-08	ug/L	< 1	< 1	< 1			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Carbon Tetrachloride	2008-01	ug/L																
Carbon Tetrachloride	2008-03	ug/L																
Carbon Tetrachloride	2008-08	ug/L																
Carbon Tetrachloride	2008-09	ug/L																
Carbon Tetrachloride	2008-10	ug/L																
Carbon Tetrachloride	2009-03	ug/L																
Carbon Tetrachloride	2009-06	ug/L																
Carbon Tetrachloride	2009-09	ug/L																
Carbon Tetrachloride	2009-12	ug/L																
Carbon Tetrachloride	2010-03	ug/L																
Carbon Tetrachloride	2010-06	ug/L	~~< 4.00~~	~~< 4.00~~														
Carbon Tetrachloride	2010-08	ug/L	~~< 5.00~~	~~< 5.00~~														
Carbon Tetrachloride	2010-09	ug/L	~~< 5.00~~	~~< 5.00~~														
Carbon Tetrachloride	2010-12	ug/L	~~< 5.00~~	~~< 5.00~~														

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Table 20
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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
Carbon Tetrachloride	2011-03	ug/L		~~< 2.00~~			~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 20.0~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~
Carbon Tetrachloride	2011-04	ug/L					~~< 2.00~~		~~< 2.00~~	~~< 20.0~~	~~< 2.00~~						~~< 2.00~~	
Carbon Tetrachloride	2011-06	ug/L		~~< 2.00~~									~~< 2.00~~		~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	
Carbon Tetrachloride	2011-07	ug/L	~~< 2.00~~															
Carbon Tetrachloride	2011-08	ug/L		~~< 2.00~~														
Carbon Tetrachloride	2011-09	ug/L	~~< 2.00~~	~~< 2.00~~			~~< 4.00~~	~~< 4.00~~	~~< 4.00~~	~~< 40.0~~	~~< 2.00~~	~~< 2.00~~		~~< 4.00~~	~~< 4.00~~	~~< 4.00~~	~~< 4.00~~	~~< 2.00~~
Carbon Tetrachloride	2011-12	ug/L	~~< 2.00~~	~~< 2.00~~											~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	
Carbon Tetrachloride	2012-03	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~~	~~< 2.00~~	~~< 2.00~~
Carbon Tetrachloride	2012-06	ug/L																
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	2013-03	ug/L	~~< 2.00~~	~~< 2.00~~			~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 20.0~~	~~< 2.00~~	~~< 2.00~~		~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~
Carbon Tetrachloride	2013-06	ug/L																
Carbon Tetrachloride	2013-09	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~~	~~< 2.00~~
Carbon Tetrachloride	2013-11	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~~	~~< 2.00~~	~~< 2.00~~
Carbon Tetrachloride	2014-06	ug/L																
Carbon Tetrachloride	2014-09	ug/L	~~< 2~~	~~< 2~~			~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2~~	~~< 2~~	~~< 2~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2~~
Carbon Tetrachloride	2014-12	ug/L															~~< 2.00~~	
Carbon Tetrachloride	2015-04	ug/L	< 2.00	< 2			< 2	< 2.00	< 2	< 2	< 2	< 2.00	< 2.00			< 2.00	< 2	< 2
Carbon Tetrachloride	2015-10	ug/L	<2	<2			<2	<2	<2	<2	<2	<2				<2	<2	<2
Carbon Tetrachloride	2016-04	ug/L	<2	<2			<2	<2	<2	<2	<2	<2	<2			<2	<2	<2
Carbon Tetrachloride	2016-10	ug/L	<2	<2			<2	<2	<2	<2	<2	<2	<2			<2	<2	<2
Carbon Tetrachloride	2017-03	ug/L	<2	<2			<2	<2	<2	<2	<2	<2	<2			<2	<2	<2
Carbon Tetrachloride	2017-10	ug/L	<2	<2			<2	<2	<2	<2	<2	<2				<2	<2	<2
Carbon Tetrachloride	2017-12	ug/L					<2					<2						<2
Carbon Tetrachloride	2018-04	ug/L	<2	<2	<2		<2	<2	<2	<2	<2	<2	<2			<2	<2	<2
Carbon Tetrachloride	2018-07	ug/L											<2					
Carbon Tetrachloride	2018-10	ug/L	<2	<2			<2	<2	<2	<2	<2	<2	<2			<2	<2	<2
Carbon Tetrachloride	2019-01	ug/L																
Carbon Tetrachloride	2019-03	ug/L	<2	<2			<2	<2	<2	<2	<2	<2	<2			<2	<2	<2
Carbon Tetrachloride	2019-05	ug/L																
Carbon Tetrachloride	2019-10	ug/L	<2	<2			<2	<2	<2	<2	<2	<2	<2			<2	<2	<2
Carbon Tetrachloride	2020-03	ug/L	<2	<2			<2	<2	<2	<2	<2	<2	<2			<2	<2	<2
Carbon Tetrachloride	2020-09	ug/L	<2	<2			<2	<2	<2	<2	<2	<2	<2			<2	<2	<2
Carbon Tetrachloride	2021-03	ug/L	<2	<2			<2	<2	<2	<2	<2	<2	<2			<2	<2	<2
Carbon Tetrachloride	2021-05	ug/L																
Carbon Tetrachloride	2021-08	ug/L																
Carbon Tetrachloride	2021-10	ug/L	<2	<2	<2		<2	<2	<2	<2	<2	<2	<2			<2	<2	<2
Carbon Tetrachloride	2021-12	ug/L																
Carbon Tetrachloride	2022-02	ug/L	<2		<2	<2												
Carbon Tetrachloride	2022-04	ug/L	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2			<2	<2	<2
Carbon Tetrachloride	2022-07	ug/L			<2	<2												
Carbon Tetrachloride	2022-10	ug/L	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2				<2	<2	<2
Carbon Tetrachloride	2023-04	ug/L	<2	<2		<2	<2	<2	<2	<2	<2	<2	<2			<2	<2	<2
Carbon Tetrachloride	2023-05	ug/L			<2													
Carbon Tetrachloride	2023-10	ug/L	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2				<2	<2	<2
Carbon Tetrachloride	2024-04	ug/L	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2			<2	<2	<2
Carbon Tetrachloride	2024-09	ug/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2			< 2	< 2	< 2
Carbon Tetrachloride	2025-03	ug/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2			< 2	< 2	< 2
Carbon Tetrachloride	2025-08	ug/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2			< 2	< 2	< 2
Chlorobenzene	2008-01	ug/L					~~< 1~~	~~< 1~~	**~~4.54~~**	**~~9.31~~**	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~			
Chlorobenzene	2008-03	ug/L					~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~			
Chlorobenzene	2008-08	ug/L					~~< 1~~	~~< 1~~	**~~5.06~~**	**~~9.34~~**	**~~1.57~~**	~~< 1~~	~~< 1~~	**~~0.63~~**	~~< 1~~			
Chlorobenzene	2008-09	ug/L					~~< 1~~	**~~0.57~~**	**~~5.26~~**	**~~11.2~~**	**~~1.32~~**	~~< 1~~	~~< 1~~	**~~0.67~~**	~~< 1~~			
Chlorobenzene	2008-10	ug/L					~~< 1~~	**~~0.63~~**	**~~5.39~~**	**~~11.6~~**	**~~1.35~~**	~~< 1~~	~~< 1~~	**~~0.54~~**	~~< 1~~			
Chlorobenzene	2009-03	ug/L					~~< 1~~	**~~0.18~~**	**~~3.49~~**	**~~9.72~~**	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~			
Chlorobenzene	2009-06	ug/L					~~< 5.00~~	~~< 1~~	**~~4.93~~**	**~~10.6~~**	**~~1.01~~**			~~< 1.00~~				
Chlorobenzene	2009-09	ug/L					~~< 1.00~~	~~< 1.00~~	**~~6.17~~**	**~~10.1~~**	**~~1.26~~**	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~			

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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
Carbon Tetrachloride	2011-03	ug/L	~~< 2.00~~	~~< 2.00~~														
Carbon Tetrachloride	2011-04	ug/L																
Carbon Tetrachloride	2011-06	ug/L																
Carbon Tetrachloride	2011-07	ug/L																
Carbon Tetrachloride	2011-08	ug/L																
Carbon Tetrachloride	2011-09	ug/L	~~< 2.00~~	~~< 2.00~~														
Carbon Tetrachloride	2011-12	ug/L																
Carbon Tetrachloride	2012-03	ug/L	~~< 2.00~~	~~< 2.00~~														
Carbon Tetrachloride	2012-06	ug/L									~~< 2.00~~	~~< 2.00~~		~~< 2.00~~		~~< 2.00~~	~~< 2.00~~	
Carbon Tetrachloride	2012-10	ug/L																
Carbon Tetrachloride	2013-03	ug/L	~~< 2.00~~								~~< 2.00~~							
Carbon Tetrachloride	2013-06	ug/L			~~< 2.00~~													
Carbon Tetrachloride	2013-09	ug/L	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~						~~< 2.00~~							
Carbon Tetrachloride	2013-11	ug/L			~~< 2.00~~													
Carbon Tetrachloride	2014-03	ug/L	~~< 2.00~~		~~< 2.00~~						~~< 2.00~~							
Carbon Tetrachloride	2014-06	ug/L		~~< 2.00~~	~~< 2.00~~													
Carbon Tetrachloride	2014-09	ug/L	~~< 2~~	~~< 2~~	~~< 2~~						~~< 2~~							
Carbon Tetrachloride	2014-12	ug/L																
Carbon Tetrachloride	2015-04	ug/L	< 2.00	< 2.00	< 2.00						< 2							
Carbon Tetrachloride	2015-10	ug/L	<2	<2	<2						<2					<2	<2	
Carbon Tetrachloride	2016-04	ug/L	<2	<2	<2						<2					<2	<2	
Carbon Tetrachloride	2016-10	ug/L	<2	<2	<2						<2					<2	<2	
Carbon Tetrachloride	2017-03	ug/L	<2	<2	<2						<2					<2	<2	
Carbon Tetrachloride	2017-10	ug/L	<2	<2	<2						<2					<2	<2	
Carbon Tetrachloride	2017-12	ug/L			<2													
Carbon Tetrachloride	2018-04	ug/L	<2	<2	<2						<2					<2	<2	
Carbon Tetrachloride	2018-07	ug/L								<2								
Carbon Tetrachloride	2018-10	ug/L	<2	<2	<2					<2	<2					<2	<2	
Carbon Tetrachloride	2019-01	ug/L								<2								
Carbon Tetrachloride	2019-03	ug/L	<2	<2	<2					<2	<2					<2	<2	
Carbon Tetrachloride	2019-05	ug/L		<2						<2								
Carbon Tetrachloride	2019-10	ug/L	<2	<2	<2					<2	<2					<2	<2	
Carbon Tetrachloride	2020-03	ug/L	<2	<2	<2					<2	<2					<2	<2	
Carbon Tetrachloride	2020-09	ug/L	<2	<2	<2					<2	<2					<2	<2	
Carbon Tetrachloride	2021-03	ug/L	<2	<2	<2			<2	<2	<2	<2					<2	<2	
Carbon Tetrachloride	2021-05	ug/L	<2															
Carbon Tetrachloride	2021-08	ug/L						<2	<2									
Carbon Tetrachloride	2021-10	ug/L	<2	<2	<2			<2	<2	<2	<2							
Carbon Tetrachloride	2021-12	ug/L	<2															
Carbon Tetrachloride	2022-02	ug/L						<2	<2									
Carbon Tetrachloride	2022-04	ug/L	<2	<2	<2			<2	<2	<2	<2							
Carbon Tetrachloride	2022-07	ug/L																
Carbon Tetrachloride	2022-10	ug/L	<2	<2	<2			<2	<2	<2	<2							
Carbon Tetrachloride	2023-04	ug/L	<2	<2	<2			<2	<2	<2	<2							
Carbon Tetrachloride	2023-05	ug/L																
Carbon Tetrachloride	2023-10	ug/L	<2	<2	<2			<2	<2	<2	<2							
Carbon Tetrachloride	2024-04	ug/L	<2	<2	<2			<2	<2	<2	<2							
Carbon Tetrachloride	2024-09	ug/L	< 2	< 2	< 2			< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Carbon Tetrachloride	2025-03	ug/L	< 2	< 2	< 2			< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Carbon Tetrachloride	2025-08	ug/L	< 2	< 2	< 2			< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Chlorobenzene	2008-01	ug/L																
Chlorobenzene	2008-03	ug/L																
Chlorobenzene	2008-08	ug/L																
Chlorobenzene	2008-09	ug/L																
Chlorobenzene	2008-10	ug/L																
Chlorobenzene	2009-03	ug/L																
Chlorobenzene	2009-06	ug/L																
Chlorobenzene	2009-09	ug/L																

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
Chlorobenzene	2009-12	ug/L					< 2.00	< 2.00	5.63	9.01	1.13			< 1.00				
Chlorobenzene	2010-03	ug/L					< 1.00	< 1.00	5.07	10.3	1	< 1.00	< 1.00	< 5.00	< 1.00			
Chlorobenzene	2010-06	ug/L										< 1.00				3.57	< 1.00	< 1.00
Chlorobenzene	2010-08	ug/L										< 1.00	< 1.00			4.48	< 1.00	< 1.00
Chlorobenzene	2010-09	ug/L					< 1.00	< 1.00	6.02	13.1	1.08	< 1.00	< 1.00	< 1.00	< 1.00	4.55	< 1.00	< 1.00
Chlorobenzene	2010-12	ug/L										< 1.00				5.16	< 1.00	< 1.00
Chlorobenzene	2011-03	ug/L		< 1.00			< 1.00	< 1.00	5.71	< 10.0	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	3.26	< 1.00	< 1.00
Chlorobenzene	2011-04	ug/L					< 1.00		3.01	< 10.0	< 1.00						< 1.00	
Chlorobenzene	2011-06	ug/L		< 1.00									< 1.00		< 1.00	3.55	< 1.00	
Chlorobenzene	2011-07	ug/L	< 1.00															
Chlorobenzene	2011-08	ug/L		< 1.00														
Chlorobenzene	2011-09	ug/L	< 1.00	< 1.00			< 1.00	< 1.00	8.09	12	1	< 1.00		< 1.00	< 1.00	6.03	< 1.00	< 1.00
Chlorobenzene	2011-12	ug/L	< 1.00	< 1.00											< 1.00	4.49	< 1.00	
Chlorobenzene	2012-03	ug/L	< 1.00	< 1.00			< 1.00	< 1.00	6.46	6.37	1	< 1.00	< 1.00	< 1.00	< 1.00	3.56	< 1.00	< 1.00
Chlorobenzene	2012-06	ug/L																
Chlorobenzene	2012-10	ug/L	< 1.00	< 1.00			< 1.00	< 1.00	7.29	1.18	< 1.00			< 1.00	< 1.00	5.7	< 1.00	< 1.00
Chlorobenzene	2013-03	ug/L	< 1.00	< 1.00			< 1.00	< 1.00	6.27	10.3	< 1.00	< 1.00		0.734	< 1.00	< 1.00	< 1.00	< 1.00
Chlorobenzene	2013-06	ug/L																
Chlorobenzene	2013-09	ug/L	< 1.00	< 1.00			< 1.00	< 1.00	9.24	15.2	1.04	< 1.00		0.897	< 1.00	5.41	0.61	< 1.00
Chlorobenzene	2013-11	ug/L																
Chlorobenzene	2014-03	ug/L	< 1.00	< 1.00			< 1.00	< 1.00	4.87	10.2	0.799	< 1.00	< 1.00	0.45	< 1.00	< 1.00	1.08	< 1.00
Chlorobenzene	2014-06	ug/L																
Chlorobenzene	2014-09	ug/L	< 1	< 1			< 1.00	< 1.00	6.31	11.4	< 1	< 1	< 1	0.873	< 1.00	< 1.00	1.03	< 1
Chlorobenzene	2014-12	ug/L															1.25	
Chlorobenzene	2015-04	ug/L	< 1.00	< 1			< 1	< 1.00	4.26	9.39	0.723	< 1.00	< 1.00			< 1.00	1.03	< 1
Chlorobenzene	2015-10	ug/L	<1	<1			<1	<1	7.63	10.8	0.894 J	<1				2.73	0.949 J	<1
Chlorobenzene	2016-04	ug/L	<1	<1			<1	<1	5.23	7.57	0.63 J	<1	<1			1.37	1.22	<1
Chlorobenzene	2016-10	ug/L	<1	<1			<1	<1	7.48	7.42	<1	<1	<1			<1	<1	<1
Chlorobenzene	2017-03	ug/L	<1	<1			<1	<1	4.62	5.68	<1	<1	<1			<1	0.627 J	<1
Chlorobenzene	2017-10	ug/L	<1	<1			<1	<1	4.98	8.05	0.922 J	<1				2.96	0.784 J	<1
Chlorobenzene	2017-12	ug/L					<1					<1						<1
Chlorobenzene	2018-04	ug/L	<1	<1	<1		<1	<1	6.49	5.56	0.632 J	<1	<1			0.355 J	0.224 J	<1
Chlorobenzene	2018-07	ug/L											<1					
Chlorobenzene	2018-10	ug/L	<1	<1			<1	<1	7.77	7.28	<1	<1	<1			<1	<1	<1
Chlorobenzene	2019-01	ug/L																
Chlorobenzene	2019-03	ug/L	<1	<1			<1	<1	6.6	8.31	0.752	<1	<1			<1	<1	<1
Chlorobenzene	2019-05	ug/L																
Chlorobenzene	2019-10	ug/L	<1	<1			<1	<1	5.92	5.56	0.765 J	<1	<1			0.93 J	0.534 J	<1
Chlorobenzene	2020-03	ug/L	<1	<1			<1	<1	3.11	6.07	0.79 J	<1	<1			0.507 J	0.581 J	<1
Chlorobenzene	2020-09	ug/L	<1	<1			<1	<1	4.02	7.83	0.828 J	<1	<1			1.04	0.599 J	<1
Chlorobenzene	2021-03	ug/L	<1	<1			<1	<1	2.17	5.23	<1	<1	<1			<1	<1	<1
Chlorobenzene	2021-05	ug/L																
Chlorobenzene	2021-08	ug/L																
Chlorobenzene	2021-10	ug/L	<1	<1	<1		<1	<1	<1	10.8	<1	<1	<1			4.06	1.09	<1
Chlorobenzene	2021-12	ug/L																
Chlorobenzene	2022-02	ug/L	<1		<1	<1												
Chlorobenzene	2022-04	ug/L	<1	<1	<1	<1	<1	<1	1.84	5.15	0.581 J	<1	<1			<1	<1	<1
Chlorobenzene	2022-07	ug/L			<1	<1												
Chlorobenzene	2022-10	ug/L	<1	<1	<1	<1	<1	<1	2.18	6.86	0.746 J	<1				3.57	0.42 J	<1
Chlorobenzene	2023-04	ug/L	<1	<1		<1	<1	<1	1.78	4.9	0.604 J	<1	<1			<1	<1	<1
Chlorobenzene	2023-05	ug/L			<1													
Chlorobenzene	2023-10	ug/L	<1	<1	<1	<1	<1	<1	2.19	7.42	0.636 J	<1				2.14	0.524 J	<1
Chlorobenzene	2024-04	ug/L	<1	<1	<1	<1	<1	<1	0.994 J	3.59	0.577 J	<1	<1			<1	<1	<1
Chlorobenzene	2024-09	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	1.57	6.09	0.666 J	< 1	< 1			1.75	1.01	< 1
Chlorobenzene	2025-03	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	3.61	0.556 J	< 1	< 1			< 1	0.459 J	< 1
Chlorobenzene	2025-08	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	1.19	3.59	0.651 J	< 1	< 1			0.648 J	0.941 J	< 1
Chlorobenzilate	2009-03	ug/L						< 10	< 10	< 10								
Chlorobenzilate	2009-06	ug/L					< 10.0	< 10	< 10	< 10.0	< 10			< 10.0				

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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
Chlorobenzene	2009-12	ug/L																
Chlorobenzene	2010-03	ug/L																
Chlorobenzene	2010-06	ug/L	~~< 1.00~~	~~< 1.00~~														
Chlorobenzene	2010-08	ug/L	~~< 1.00~~	~~< 1.00~~														
Chlorobenzene	2010-09	ug/L	~~< 1.00~~	~~< 1.00~~														
Chlorobenzene	2010-12	ug/L	~~< 1.00~~	~~< 1.00~~														
Chlorobenzene	2011-03	ug/L	~~< 1.00~~	~~< 1.00~~														
Chlorobenzene	2011-04	ug/L																
Chlorobenzene	2011-06	ug/L																
Chlorobenzene	2011-07	ug/L																
Chlorobenzene	2011-08	ug/L																
Chlorobenzene	2011-09	ug/L	~~< 1.00~~	~~< 1.00~~														
Chlorobenzene	2011-12	ug/L																
Chlorobenzene	2012-03	ug/L	~~< 1.00~~	~~< 1.00~~														
Chlorobenzene	2012-06	ug/L									~~< 1.00~~	~~< 1.00~~		~~< 1.00~~		~~< 1.00~~	~~< 1.00~~	
Chlorobenzene	2012-10	ug/L																
Chlorobenzene	2013-03	ug/L	~~< 1.00~~								~~< 1.00~~							
Chlorobenzene	2013-06	ug/L			~~< 1.00~~													
Chlorobenzene	2013-09	ug/L	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~						~~< 1.00~~							
Chlorobenzene	2013-11	ug/L			~~< 1.00~~													
Chlorobenzene	2014-03	ug/L	~~< 1.00~~		~~< 1.00~~						~~< 1.00~~							
Chlorobenzene	2014-06	ug/L		~~< 1.00~~	~~< 1.00~~													
Chlorobenzene	2014-09	ug/L	~~< 1~~	~~< 1~~	~~< 1~~						~~< 1~~							
Chlorobenzene	2014-12	ug/L																
Chlorobenzene	2015-04	ug/L	< 1.00	< 1.00	< 1.00						< 1							
Chlorobenzene	2015-10	ug/L	<1	<1	<1						<1					<1	<1	
Chlorobenzene	2016-04	ug/L	<1	<1	<1						<1					<1	<1	
Chlorobenzene	2016-10	ug/L	<1	<1	<1						<1					<1	<1	
Chlorobenzene	2017-03	ug/L	<1	<1	<1						<1					<1	<1	
Chlorobenzene	2017-10	ug/L	<1	<1	<1						<1					<1	<1	
Chlorobenzene	2017-12	ug/L			<1													
Chlorobenzene	2018-04	ug/L	<1	<1	<1						<1					<1	<1	
Chlorobenzene	2018-07	ug/L								<1								
Chlorobenzene	2018-10	ug/L	<1	<1	<1					<1	<1					<1	<1	
Chlorobenzene	2019-01	ug/L								<1								
Chlorobenzene	2019-03	ug/L	<1	<1	<1					<1	<1					<1	<1	
Chlorobenzene	2019-05	ug/L		<1						<1								
Chlorobenzene	2019-10	ug/L	<1	<1	<1					<1	<1					<1	<1	
Chlorobenzene	2020-03	ug/L	<1	<1	<1					<1	<1					<1	<1	
Chlorobenzene	2020-09	ug/L	<1	<1	<1					<1	<1					<1	<1	
Chlorobenzene	2021-03	ug/L	<1	<1	<1			<1	<1	<1	<1					<1	<1	
Chlorobenzene	2021-05	ug/L	<1															
Chlorobenzene	2021-08	ug/L						<1	<1									
Chlorobenzene	2021-10	ug/L	<1	<1	<1			<1	<1	<1	<1							
Chlorobenzene	2021-12	ug/L	<1															
Chlorobenzene	2022-02	ug/L						<1	<1									
Chlorobenzene	2022-04	ug/L	<1	<1	<1			<1	<1	<1	<1							
Chlorobenzene	2022-07	ug/L																
Chlorobenzene	2022-10	ug/L	<1	<1	<1			<1	<1	<1	<1							
Chlorobenzene	2023-04	ug/L	<1	<1	<1			<1	<1	<1	<1							
Chlorobenzene	2023-05	ug/L																
Chlorobenzene	2023-10	ug/L	<1	<1	<1			<1	<1	<1	<1							
Chlorobenzene	2024-04	ug/L	<1	<1	<1			<1	<1	<1	<1							
Chlorobenzene	2024-09	ug/L	< 1	< 1	< 1			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Chlorobenzene	2025-03	ug/L	< 1	< 1	< 1			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Chlorobenzene	2025-08	ug/L	< 1	< 1	< 1			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Chlorobenzilate	2009-03	ug/L																
Chlorobenzilate	2009-06	ug/L																

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
Chlorobenzilate	2009-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
Chlorobenzilate	2009-12	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
Chlorobenzilate	2010-03	ug/L					~~< 10.0~~				~~< 10.0~~			~~< 10.0~~				
Chlorobenzilate	2010-06	ug/L										~~< 10.0~~						
Chlorobenzilate	2010-08	ug/L										~~< 10.0~~	~~< 10.0~~					
Chlorobenzilate	2010-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~				
Chlorobenzilate	2010-12	ug/L										~~< 10.0~~						
Chlorobenzilate	2011-03	ug/L											~~< 10.0~~		~~< 10.0~~			
Chlorobenzilate	2011-06	ug/L											~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Chlorobenzilate	2011-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Chlorobenzilate	2011-12	ug/L													~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Chlorobenzilate	2012-03	ug/L														~~< 10.0~~	~~< 10.0~~	
Chlorobenzilate	2014-12	ug/L															~~< 10.2~~	
Chlorobenzilate	2016-10	ug/L							<10	<10	<10.9					<11.2	<11.1	
Chlorobenzilate	2017-10	ug/L						<10.5										
Chlorobenzilate	2017-12	ug/L					<10.6					<10.4						<10.4
Chlorobenzilate	2018-07	ug/L											<10.4					
Chlorobenzilate	2018-10	ug/L											<10.4					
Chlorobenzilate	2019-05	ug/L																
Chlorobenzilate	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
Chlorobenzilate	2021-12	ug/L																
Chlorobenzilate	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
Chlorobenzilate	2024-04	ug/L											<10.6					
Chlorodibromomethane	2008-01	ug/L					~~< 5~~	~~< 5~~	~~< 5.00~~	~~< 5~~	~~< 5~~	~~< 5~~	~~< 5~~	~~< 5~~	~~< 5~~			
Chlorodibromomethane	2008-03	ug/L					~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~			
Chlorodibromomethane	2008-08	ug/L					~~< 5~~	~~< 5~~	~~< 5~~	~~< 5~~	~~< 5~~	~~< 5~~	~~< 5~~	~~< 5~~	~~< 5~~			
Chlorodibromomethane	2008-09	ug/L					~~< 5~~	~~< 5~~	~~< 5~~	~~< 5~~	~~< 5~~	~~< 5~~	~~< 5~~	~~< 5~~	~~< 5~~			
Chlorodibromomethane	2008-10	ug/L					~~< 5~~	~~< 5~~	~~< 5~~	~~< 5~~	~~< 5~~	~~< 5~~	~~< 5~~	~~< 5~~	~~< 5~~			
Chlorodibromomethane	2009-03	ug/L					~~< 5~~	~~< 5~~	~~< 5~~	~~< 5~~	~~< 5~~	~~< 5~~	~~< 5~~	~~< 5~~	~~< 5~~			
Chlorodibromomethane	2009-06	ug/L					~~< 25.0~~	~~< 5~~	~~< 5~~	~~< 5.00~~	~~< 5~~			~~< 5.00~~				
Chlorodibromomethane	2009-09	ug/L					~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~			
Chlorodibromomethane	2009-12	ug/L					~~< 20.0~~	~~< 20.0~~	~~< 20.0~~	~~< 5.00~~	~~< 5.00~~			~~< 5.00~~				
Chlorodibromomethane	2010-03	ug/L					~~< 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~~	~~< 5.00~~	~~< 5.00~~
Chlorodibromomethane	2010-08	ug/L										~~< 10.0~~	~~< 10.0~~			~~< 10.0~~	~~< 10.0~~	~~< 10.0~~
Chlorodibromomethane	2010-09	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~~
Chlorodibromomethane	2010-12	ug/L										~~< 5.00~~				~~< 5.00~~	~~< 5.00~~	~~< 5.00~~
Chlorodibromomethane	2011-03	ug/L		~~< 5.00~~			~~< 10.0~~	~~< 5.00~~	~~< 5.00~~	~~< 100~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~
Chlorodibromomethane	2011-04	ug/L					~~< 5.00~~		~~< 5.00~~	~~< 50.0~~	~~< 5.00~~						~~< 5.00~~	
Chlorodibromomethane	2011-06	ug/L		~~< 5.00~~									~~< 5.00~~		~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	
Chlorodibromomethane	2011-07	ug/L	~~< 5.00~~															
Chlorodibromomethane	2011-08	ug/L		~~< 5.00~~														
Chlorodibromomethane	2011-09	ug/L	~~< 5.00~~	~~< 5.00~~			~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 50.0~~	~~< 5.00~~	~~< 5.00~~		~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~
Chlorodibromomethane	2011-12	ug/L	~~< 5.00~~	~~< 5.00~~											~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	
Chlorodibromomethane	2012-03	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~~	~~< 5.00~~	~~< 5.00~~
Chlorodibromomethane	2012-06	ug/L																
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	2013-03	ug/L	~~< 5.00~~	~~< 5.00~~			~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 50.0~~	~~< 5.00~~	~~< 5.00~~		~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~
Chlorodibromomethane	2013-06	ug/L																
Chlorodibromomethane	2013-09	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~~	~~< 5.00~~
Chlorodibromomethane	2013-11	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~~	~~< 5.00~~	~~< 5.00~~
Chlorodibromomethane	2014-06	ug/L																
Chlorodibromomethane	2014-09	ug/L	~~< 5~~	~~< 5~~			~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 5~~	~~< 5~~	~~< 5~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 5~~
Chlorodibromomethane	2014-12	ug/L															~~< 5.00~~	
Chlorodibromomethane	2015-04	ug/L	< 5.00	< 5			< 5	< 5.00	< 5	< 5	< 5	< 5.00	< 5.00			< 5.00	< 5	< 5
Chlorodibromomethane	2015-10	ug/L	<5	<5			<5	<5	<5	<5	<5	<5				<5	<5	<5
Chlorodibromomethane	2016-04	ug/L	<5	<5			<5	<5	<5	<5	<5	<5	<5			<5	<5	<5

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Table 20
Analytical Data Summary
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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
Chlorobenzilate	2009-09	ug/L																
Chlorobenzilate	2009-12	ug/L																
Chlorobenzilate	2010-03	ug/L																
Chlorobenzilate	2010-06	ug/L																
Chlorobenzilate	2010-08	ug/L																
Chlorobenzilate	2010-09	ug/L																
Chlorobenzilate	2010-12	ug/L																
Chlorobenzilate	2011-03	ug/L																
Chlorobenzilate	2011-06	ug/L																
Chlorobenzilate	2011-09	ug/L																
Chlorobenzilate	2011-12	ug/L																
Chlorobenzilate	2012-03	ug/L																
Chlorobenzilate	2014-12	ug/L																
Chlorobenzilate	2016-10	ug/L									<10.4					<10.3	<10.2	
Chlorobenzilate	2017-10	ug/L																
Chlorobenzilate	2017-12	ug/L			<10.4													
Chlorobenzilate	2018-07	ug/L								<10.1								
Chlorobenzilate	2018-10	ug/L								<10.3								
Chlorobenzilate	2019-05	ug/L		<10.1														
Chlorobenzilate	2021-10	ug/L																
Chlorobenzilate	2021-12	ug/L	<10.5															
Chlorobenzilate	2022-10	ug/L			<8.77													
Chlorobenzilate	2024-04	ug/L		<10.2														
Chlorodibromomethane	2008-01	ug/L																
Chlorodibromomethane	2008-03	ug/L																
Chlorodibromomethane	2008-08	ug/L																
Chlorodibromomethane	2008-09	ug/L																
Chlorodibromomethane	2008-10	ug/L																
Chlorodibromomethane	2009-03	ug/L																
Chlorodibromomethane	2009-06	ug/L																
Chlorodibromomethane	2009-09	ug/L																
Chlorodibromomethane	2009-12	ug/L																
Chlorodibromomethane	2010-03	ug/L																
Chlorodibromomethane	2010-06	ug/L	~~< 5.00~~	~~< 5.00~~														
Chlorodibromomethane	2010-08	ug/L	~~< 10.0~~	~~< 10.0~~														
Chlorodibromomethane	2010-09	ug/L	~~< 10.0~~	~~< 10.0~~														
Chlorodibromomethane	2010-12	ug/L	~~< 5.00~~	~~< 5.00~~														
Chlorodibromomethane	2011-03	ug/L	~~< 5.00~~	~~< 5.00~~														
Chlorodibromomethane	2011-04	ug/L																
Chlorodibromomethane	2011-06	ug/L																
Chlorodibromomethane	2011-07	ug/L																
Chlorodibromomethane	2011-08	ug/L																
Chlorodibromomethane	2011-09	ug/L	~~< 5.00~~	~~< 5.00~~														
Chlorodibromomethane	2011-12	ug/L																
Chlorodibromomethane	2012-03	ug/L	~~< 5.00~~	~~< 5.00~~														
Chlorodibromomethane	2012-06	ug/L									~~< 5.00~~	~~< 5.00~~		~~< 5.00~~		~~< 5.00~~	~~< 5.00~~	
Chlorodibromomethane	2012-10	ug/L																
Chlorodibromomethane	2013-03	ug/L	~~< 5.00~~								~~< 5.00~~							
Chlorodibromomethane	2013-06	ug/L			~~< 5.00~~													
Chlorodibromomethane	2013-09	ug/L	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~						~~< 5.00~~							
Chlorodibromomethane	2013-11	ug/L			~~< 5.00~~													
Chlorodibromomethane	2014-03	ug/L	~~< 5.00~~		~~< 5.00~~						~~< 5.00~~							
Chlorodibromomethane	2014-06	ug/L		~~< 5.00~~	~~< 5.00~~													
Chlorodibromomethane	2014-09	ug/L	~~< 5~~	~~< 5~~	~~< 5~~						~~< 5~~							
Chlorodibromomethane	2014-12	ug/L																
Chlorodibromomethane	2015-04	ug/L	< 5.00	< 5.00	< 5.00						< 5							
Chlorodibromomethane	2015-10	ug/L	<5	<5	<5						<5					<5	<5	
Chlorodibromomethane	2016-04	ug/L	<5	<5	<5						<5					<5	<5	

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Table 20
Analytical Data Summary
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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
Chlorodibromomethane	2016-10	ug/L	<5	<5			<5	<5	<5	<5	<5	<5	<5			<5	<5	<5
Chlorodibromomethane	2017-03	ug/L	<5	<5			<5	<5	<5	<5	<5	<5	<5			<5	<5	<5
Chlorodibromomethane	2017-10	ug/L	<5	<5			<5	<5	<5	<5	<5	<5				<5	<5	<5
Chlorodibromomethane	2017-12	ug/L					<5					<5						<5
Chlorodibromomethane	2018-04	ug/L	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5			<5	<5	<5
Chlorodibromomethane	2018-07	ug/L											<5					
Chlorodibromomethane	2018-10	ug/L	<5	<5			<5	<5	<5	<5	<5	<5	<5			<5	<5	<5
Chlorodibromomethane	2019-01	ug/L																
Chlorodibromomethane	2019-03	ug/L	<5	<5			<5	<5	<5	<5	<5	<5	<5			<5	<5	<5
Chlorodibromomethane	2019-05	ug/L																
Chlorodibromomethane	2019-10	ug/L	<5	<5			<5	<5	<5	<5	<5	<5	<5			<5	<5	<5
Chlorodibromomethane	2020-03	ug/L	<5	<5			<5	<5	<5	<5	<5	<5	<5			<5	<5	<5
Chlorodibromomethane	2020-09	ug/L	<5	<5			<5	<5	<5	<5	<5	<5	<5			<5	<5	<5
Chlorodibromomethane	2021-03	ug/L	<5	<5			<5	<5	<5	<5	<5	<5	<5			<5	<5	<5
Chlorodibromomethane	2021-05	ug/L																
Chlorodibromomethane	2021-08	ug/L																
Chlorodibromomethane	2021-10	ug/L	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5			<5	<5	<5
Chlorodibromomethane	2021-12	ug/L																
Chlorodibromomethane	2022-02	ug/L	<5		<5	<5												
Chlorodibromomethane	2022-04	ug/L	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5			<5	<5	<5
Chlorodibromomethane	2022-07	ug/L			<5	<5												
Chlorodibromomethane	2022-10	ug/L	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				<5	<5	<5
Chlorodibromomethane	2023-04	ug/L	<5	<5		<5	<5	<5	<5	<5	<5	<5	<5			<5	<5	<5
Chlorodibromomethane	2023-05	ug/L			<5													
Chlorodibromomethane	2023-10	ug/L	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				<5	<5	<5
Chlorodibromomethane	2024-04	ug/L	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5			<5	<5	<5
Chlorodibromomethane	2024-09	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5			< 5	< 5	< 5
Chlorodibromomethane	2025-03	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5			< 5	< 5	< 5
Chlorodibromomethane	2025-08	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5			< 5	< 5	< 5
Chloroethane	2008-01	ug/L					~~< 4~~	~~< 4~~	~~< 4.00~~	~~< 4~~	~~< 4~~	~~< 4~~	~~< 4~~	~~< 4~~	~~< 4~~			
Chloroethane	2008-03	ug/L					~~< 4.00~~	~~< 4.00~~	~~< 4.00~~	~~< 4.00~~	~~< 4.00~~	~~< 4.00~~	~~< 4.00~~	~~< 4.00~~	~~< 4.00~~			
Chloroethane	2008-08	ug/L					**~~3.42~~**	~~< 4~~	**~~2.19~~**	**~~2.4~~**	**~~0.55~~**	~~< 4~~	~~< 4~~	**~~0.88~~**	~~< 4~~			
Chloroethane	2008-09	ug/L					**~~2.23~~**	~~< 4~~	**~~1.42~~**	**~~2.07~~**	~~< 4~~	~~< 4~~	~~< 4~~	~~< 4~~	~~< 4~~			
Chloroethane	2008-10	ug/L					**~~3.23~~**	**~~0.61~~**	**~~2.43~~**	**~~2.26~~**	**~~0.85~~**	~~< 4~~	~~< 4~~	**~~0.69~~**	~~< 4~~			
Chloroethane	2009-03	ug/L					**~~2.98~~**	~~< 4~~	**~~1.64~~**	**~~2.94~~**	~~< 4~~	~~< 4~~	~~< 4~~	~~< 4~~	~~< 4~~			
Chloroethane	2009-06	ug/L					~~< 20.0~~	~~< 4~~	~~< 4~~	~~< 4.00~~	~~< 4~~			~~< 4.00~~				
Chloroethane	2009-09	ug/L					~~< 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~~	~~< 4.00~~	~~< 4.00~~	~~< 4.00~~			~~< 4.00~~				
Chloroethane	2010-03	ug/L					~~< 4.00~~	~~< 4.00~~	~~< 4.00~~	~~< 4.00~~	~~< 4.00~~	~~< 4.00~~	~~< 4.00~~	~~< 4.00~~	~~< 4.00~~			
Chloroethane	2010-06	ug/L										~~< 4.00~~				~~< 4.00~~	~~< 4.00~~	~~< 4.00~~
Chloroethane	2010-08	ug/L										~~< 4.00~~	~~< 4.00~~			~~< 4.00~~	~~< 4.00~~	~~< 4.00~~
Chloroethane	2010-09	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~~
Chloroethane	2010-12	ug/L										~~< 4.00~~				~~< 4.00~~	~~< 4.00~~	~~< 4.00~~
Chloroethane	2011-03	ug/L		~~< 4.00~~			~~< 4.00~~	~~< 4.00~~	~~< 4.00~~	~~< 40.0~~	~~< 4.00~~	~~< 4.00~~	~~< 4.00~~	~~< 4.00~~	~~< 4.00~~	~~< 4.00~~	~~< 4.00~~	~~< 4.00~~
Chloroethane	2011-04	ug/L					~~< 4.00~~		~~< 4.00~~	~~< 40.0~~	~~< 4.00~~						~~< 4.00~~	
Chloroethane	2011-06	ug/L		~~< 4.00~~									~~< 4.00~~		~~< 4.00~~	~~< 4.00~~	~~< 4.00~~	
Chloroethane	2011-07	ug/L	~~< 4.00~~															
Chloroethane	2011-08	ug/L		~~< 4.00~~														
Chloroethane	2011-09	ug/L	~~< 4.00~~	~~< 4.00~~			~~< 4.00~~	~~< 4.00~~	~~< 4.00~~	~~< 40.0~~	~~< 4.00~~	~~< 4.00~~		~~< 4.00~~	~~< 4.00~~	~~< 4.00~~	~~< 4.00~~	~~< 4.00~~
Chloroethane	2011-12	ug/L	~~< 4.00~~	~~< 4.00~~											~~< 4.00~~	~~< 4.00~~	~~< 4.00~~	
Chloroethane	2012-03	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~~	~~< 4.00~~	~~< 4.00~~
Chloroethane	2012-06	ug/L																
Chloroethane	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~~
Chloroethane	2013-03	ug/L	~~< 4.00~~	~~< 4.00~~			**~~0.801~~**	~~< 4.00~~	**~~1.71~~**	~~< 40.0~~	~~< 4.00~~	~~< 4.00~~		**~~0.563~~**	**~~0.984~~**	~~< 4.00~~	~~< 4.00~~	~~< 4.00~~
Chloroethane	2013-06	ug/L																
Chloroethane	2013-09	ug/L	~~< 4.00~~	~~< 4.00~~			~~< 4.00~~	~~< 4.00~~	**~~2.01~~**	**~~1.42~~**	~~< 4.00~~	~~< 4.00~~		~~< 4.00~~	~~< 4.00~~	**~~2.13~~**	~~< 4.00~~	~~< 4.00~~
Chloroethane	2013-11	ug/L																
Chloroethane	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~~	~~< 4.00~~	~~< 4.00~~

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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
Chlorodibromomethane	2016-10	ug/L	<5	<5	<5						<5					<5	<5	
Chlorodibromomethane	2017-03	ug/L	<5	<5	<5						<5					<5	<5	
Chlorodibromomethane	2017-10	ug/L	<5	<5	<5						<5					<5	<5	
Chlorodibromomethane	2017-12	ug/L			<5													
Chlorodibromomethane	2018-04	ug/L	<5	<5	<5						<5					<5	<5	
Chlorodibromomethane	2018-07	ug/L								<5								
Chlorodibromomethane	2018-10	ug/L	<5	<5	<5					<5	<5					<5	<5	
Chlorodibromomethane	2019-01	ug/L								<5								
Chlorodibromomethane	2019-03	ug/L	<5	<5	<5					<5	<5					<5	<5	
Chlorodibromomethane	2019-05	ug/L		<5						<5								
Chlorodibromomethane	2019-10	ug/L	<5	<5	<5					<5	<5					<5	<5	
Chlorodibromomethane	2020-03	ug/L	<5	<5	<5					<5	<5					<5	<5	
Chlorodibromomethane	2020-09	ug/L	<5	<5	<5					<5	<5					<5	<5	
Chlorodibromomethane	2021-03	ug/L	<5	<5	<5			<5	<5	<5	<5					<5	<5	
Chlorodibromomethane	2021-05	ug/L	<5															
Chlorodibromomethane	2021-08	ug/L						<5	<5									
Chlorodibromomethane	2021-10	ug/L	<5	<5	<5			<5	<5	<5	<5							
Chlorodibromomethane	2021-12	ug/L	<5															
Chlorodibromomethane	2022-02	ug/L						<5	<5									
Chlorodibromomethane	2022-04	ug/L	<5	<5	<5			<5	<5	<5	<5							
Chlorodibromomethane	2022-07	ug/L																
Chlorodibromomethane	2022-10	ug/L	<5	<5	<5			<5	<5	<5	<5							
Chlorodibromomethane	2023-04	ug/L	<5	<5	<5			<5	<5	<5	<5							
Chlorodibromomethane	2023-05	ug/L																
Chlorodibromomethane	2023-10	ug/L	<5	<5	<5			<5	<5	<5	<5							
Chlorodibromomethane	2024-04	ug/L	<5	<5	<5			<5	<5	<5	<5							
Chlorodibromomethane	2024-09	ug/L	< 5	< 5	< 5			< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chlorodibromomethane	2025-03	ug/L	< 5	< 5	< 5			< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chlorodibromomethane	2025-08	ug/L	< 5	< 5	< 5			< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chloroethane	2008-01	ug/L																
Chloroethane	2008-03	ug/L																
Chloroethane	2008-08	ug/L																
Chloroethane	2008-09	ug/L																
Chloroethane	2008-10	ug/L																
Chloroethane	2009-03	ug/L																
Chloroethane	2009-06	ug/L																
Chloroethane	2009-09	ug/L																
Chloroethane	2009-12	ug/L																
Chloroethane	2010-03	ug/L																
Chloroethane	2010-06	ug/L	~~< 4.00~~	~~< 4.00~~														
Chloroethane	2010-08	ug/L	~~< 4.00~~	~~< 4.00~~														
Chloroethane	2010-09	ug/L	~~< 4.00~~	~~< 4.00~~														
Chloroethane	2010-12	ug/L	~~< 4.00~~	~~< 4.00~~														
Chloroethane	2011-03	ug/L	~~< 4.00~~	~~< 4.00~~														
Chloroethane	2011-04	ug/L																
Chloroethane	2011-06	ug/L																
Chloroethane	2011-07	ug/L																
Chloroethane	2011-08	ug/L																
Chloroethane	2011-09	ug/L	~~< 4.00~~	~~< 4.00~~														
Chloroethane	2011-12	ug/L																
Chloroethane	2012-03	ug/L	~~< 4.00~~	~~< 4.00~~														
Chloroethane	2012-06	ug/L									~~< 4.00~~	~~< 4.00~~		~~< 4.00~~		~~< 4.00~~	~~< 4.00~~	
Chloroethane	2012-10	ug/L																
Chloroethane	2013-03	ug/L	~~< 4.00~~								~~< 4.00~~							
Chloroethane	2013-06	ug/L			~~< 4.00~~													
Chloroethane	2013-09	ug/L	~~< 4.00~~	~~< 4.00~~	~~< 4.00~~						~~< 4.00~~							
Chloroethane	2013-11	ug/L			~~< 4.00~~													
Chloroethane	2014-03	ug/L	~~< 4.00~~		~~< 4.00~~						~~< 4.00~~							

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
Chloroethane	2014-06	ug/L																
Chloroethane	2014-09	ug/L	~~< 4~~	~~< 4~~			~~< 4.00~~	~~< 4.00~~	**~~1.34~~**	**~~1.13~~**	~~< 4~~	~~< 4~~	~~< 4~~	**~~0.854~~**	**~~0.767~~**	~~< 4.00~~	~~< 4.00~~	~~< 4~~
Chloroethane	2014-12	ug/L															~~< 4.00~~	
Chloroethane	2015-04	ug/L	< 4.00	< 4			< 4	< 4.00	< 4	**1.52**	< 4	< 4.00	< 4.00			< 4.00	< 4	< 4
Chloroethane	2015-10	ug/L	<4	<4			<4	<4	**3.39 J**	**1.21 J**	<4	<4				<4	<4	<4
Chloroethane	2016-04	ug/L	<4	<4			<4	<4	**1.9 J**	**0.8795 J**	<4	<4	<4			<4	<4	<4
Chloroethane	2016-10	ug/L	<4	<4			<4	<4	**1.62 J**	<4	<4	<4	<4			<4	<4	<4
Chloroethane	2017-03	ug/L	<4	<4			<4	<4	**1.21 J**	**2.28 J**	<4	<4	<4			<4	<4	<4
Chloroethane	2017-10	ug/L	<4	<4			<4	<4	**1.46 J**	**1.08 J**	<4	<4				<4	<4	<4
Chloroethane	2017-12	ug/L					<4					<4						<4
Chloroethane	2018-04	ug/L	<4	<4	<4		<4	<4	**1.14 J**	**1.4 J**	<4	<4	<4			<4	<4	<4
Chloroethane	2018-07	ug/L											<4					
Chloroethane	2018-10	ug/L	<4	<4			<4	<4	**0.857 J**	<4	<4	<4	<4			<4	<4	<4
Chloroethane	2019-01	ug/L																
Chloroethane	2019-03	ug/L	<4	<4			<4	<4	<4	<4	<4	<4	<4			<4	<4	<4
Chloroethane	2019-05	ug/L																
Chloroethane	2019-10	ug/L	<4	<4			<4	<4	<4	<4	<4	<4	<4			<4	<4	<4
Chloroethane	2020-03	ug/L	<4	<4			<4	<4	<4	<4	<4	<4	<4			<4	<4	<4
Chloroethane	2020-09	ug/L	<4	<4			<4	<4	<4	<4	<4	<4	<4			<4	<4	<4
Chloroethane	2021-03	ug/L	<4	<4			<4	<4	<4	<4	<4	<4	<4			<4	<4	<4
Chloroethane	2021-05	ug/L																
Chloroethane	2021-08	ug/L																
Chloroethane	2021-10	ug/L	<4	<4	<4		<4	<4	<4	**0.806 J**	<4	<4	<4			<4	<4	<4
Chloroethane	2021-12	ug/L																
Chloroethane	2022-02	ug/L	<4		<4	<4												
Chloroethane	2022-04	ug/L	<4	<4	<4	<4	<4	<4	<4	**1.24 J**	<4	<4	<4			<4	<4	<4
Chloroethane	2022-07	ug/L			<4	<4												
Chloroethane	2022-10	ug/L	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4				<4	<4	<4
Chloroethane	2023-04	ug/L	<4	<4		<4	<4	<4	<4	<4	<4	<4	<4			<4	<4	<4
Chloroethane	2023-05	ug/L			<4													
Chloroethane	2023-10	ug/L	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4				<4	<4	<4
Chloroethane	2024-04	ug/L	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4			<4	<4	<4
Chloroethane	2024-09	ug/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4			< 4	< 4	< 4
Chloroethane	2025-03	ug/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4			< 4	< 4	< 4
Chloroethane	2025-08	ug/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4			< 4	< 4	< 4
Chloroform	2008-01	ug/L					~~< 1~~	~~< 1~~	~~< 1.00~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~			
Chloroform	2008-03	ug/L					~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~			
Chloroform	2008-08	ug/L					~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~			
Chloroform	2008-09	ug/L					~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~			
Chloroform	2008-10	ug/L					~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~			
Chloroform	2009-03	ug/L					~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~			
Chloroform	2009-06	ug/L					~~< 5.00~~	~~< 1~~	~~< 1~~	~~< 1.00~~	~~< 1~~			~~< 1.00~~				
Chloroform	2009-09	ug/L					~~< 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~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~			~~< 1.00~~				
Chloroform	2010-03	ug/L					~~< 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~~	~~< 1.00~~	~~< 1.00~~
Chloroform	2010-08	ug/L										~~< 1.00~~	~~< 1.00~~			~~< 1.00~~	~~< 1.00~~	~~< 1.00~~
Chloroform	2010-09	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	2010-12	ug/L										~~< 1.00~~				~~< 1.00~~	~~< 1.00~~	~~< 1.00~~
Chloroform	2011-03	ug/L		~~< 1.00~~			~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 10.0~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~
Chloroform	2011-04	ug/L					~~< 1.00~~		~~< 1.00~~	~~< 10.0~~	~~< 1.00~~						~~< 1.00~~	
Chloroform	2011-06	ug/L		~~< 1.00~~									~~< 1.00~~		~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	
Chloroform	2011-07	ug/L	~~< 1.00~~															
Chloroform	2011-08	ug/L		~~< 1.00~~														
Chloroform	2011-09	ug/L	~~< 1.00~~	~~< 1.00~~			~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 10.0~~	~~< 1.00~~	~~< 1.00~~		~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~
Chloroform	2011-12	ug/L	~~< 1.00~~	~~< 1.00~~											~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	
Chloroform	2012-03	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~~	~~< 1.00~~	~~< 1.00~~
Chloroform	2012-06	ug/L																

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Table 20
Analytical Data Summary
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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
Chloroethane	2014-06	ug/L		~~< 4.00~~	~~< 4.00~~													
Chloroethane	2014-09	ug/L	~~< 4~~	~~< 4~~	~~< 4~~						~~< 4~~							
Chloroethane	2014-12	ug/L																
Chloroethane	2015-04	ug/L	< 4.00	< 4.00	< 4.00						< 4							
Chloroethane	2015-10	ug/L	<4	<4	<4						<4					<4	<4	
Chloroethane	2016-04	ug/L	<4	<4	<4						<4					<4	<4	
Chloroethane	2016-10	ug/L	<4	<4	<4						<4					<4	<4	
Chloroethane	2017-03	ug/L	<4	<4	<4						<4					<4	<4	
Chloroethane	2017-10	ug/L	<4	<4	<4						<4					<4	<4	
Chloroethane	2017-12	ug/L			<4													
Chloroethane	2018-04	ug/L	<4	<4	<4						<4					<4	<4	
Chloroethane	2018-07	ug/L								<4								
Chloroethane	2018-10	ug/L	<4	<4	<4					<4	<4					<4	<4	
Chloroethane	2019-01	ug/L								<4								
Chloroethane	2019-03	ug/L	<4	<4	<4					<4	<4					<4	<4	
Chloroethane	2019-05	ug/L		<4						<4								
Chloroethane	2019-10	ug/L	<4	<4	<4					<4	<4					<4	<4	
Chloroethane	2020-03	ug/L	<4	<4	<4					<4	<4					<4	<4	
Chloroethane	2020-09	ug/L	<4	<4	<4					<4	<4					<4	<4	
Chloroethane	2021-03	ug/L	<4	<4	<4			<4	<4	<4	<4					<4	<4	
Chloroethane	2021-05	ug/L	<4															
Chloroethane	2021-08	ug/L						<4	<4									
Chloroethane	2021-10	ug/L	<4	<4	<4			<4	<4	<4	<4							
Chloroethane	2021-12	ug/L	<4															
Chloroethane	2022-02	ug/L						<4	<4									
Chloroethane	2022-04	ug/L	<4	<4	<4			<4	<4	<4	<4							
Chloroethane	2022-07	ug/L																
Chloroethane	2022-10	ug/L	<4	<4	<4			<4	<4	<4	<4							
Chloroethane	2023-04	ug/L	<4	<4	<4			<4	<4	<4	<4							
Chloroethane	2023-05	ug/L																
Chloroethane	2023-10	ug/L	<4	<4	<4			<4	<4	<4	<4							
Chloroethane	2024-04	ug/L	<4	<4	<4			<4	<4	<4	<4							
Chloroethane	2024-09	ug/L	< 4	< 4	< 4			< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Chloroethane	2025-03	ug/L	< 4	< 4	< 4			< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Chloroethane	2025-08	ug/L	< 4	< 4	< 4			< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Chloroform	2008-01	ug/L																
Chloroform	2008-03	ug/L																
Chloroform	2008-08	ug/L																
Chloroform	2008-09	ug/L																
Chloroform	2008-10	ug/L																
Chloroform	2009-03	ug/L																
Chloroform	2009-06	ug/L																
Chloroform	2009-09	ug/L																
Chloroform	2009-12	ug/L																
Chloroform	2010-03	ug/L																
Chloroform	2010-06	ug/L	~~< 1.00~~	~~< 1.00~~														
Chloroform	2010-08	ug/L	~~< 1.00~~	~~< 1.00~~														
Chloroform	2010-09	ug/L	~~< 1.00~~	~~< 1.00~~														
Chloroform	2010-12	ug/L	~~< 1.00~~	~~< 1.00~~														
Chloroform	2011-03	ug/L	~~< 1.00~~	~~< 1.00~~														
Chloroform	2011-04	ug/L																
Chloroform	2011-06	ug/L																
Chloroform	2011-07	ug/L																
Chloroform	2011-08	ug/L																
Chloroform	2011-09	ug/L	~~< 1.00~~	~~< 1.00~~														
Chloroform	2011-12	ug/L																
Chloroform	2012-03	ug/L	~~< 1.00~~	~~< 1.00~~														
Chloroform	2012-06	ug/L									~~< 1.00~~	~~< 1.00~~		~~< 1.00~~		~~< 1.00~~	~~< 1.00~~	

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
Chloroform	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~~
Chloroform	2013-03	ug/L	~~< 1.00~~	~~< 1.00~~			~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 10.0~~	~~< 1.00~~	~~< 1.00~~		~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~
Chloroform	2013-06	ug/L																
Chloroform	2013-09	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~~	~~< 1.00~~
Chloroform	2013-11	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~~	~~< 1.00~~	~~< 1.00~~
Chloroform	2014-06	ug/L																
Chloroform	2014-09	ug/L	~~< 1~~	~~< 1~~			~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1~~
Chloroform	2014-12	ug/L															~~< 1.00~~	
Chloroform	2015-04	ug/L	< 1.00	< 1			< 1	< 1.00	< 1	< 1	< 1	< 1.00	< 1.00			< 1.00	< 1	< 1
Chloroform	2015-10	ug/L	<1	<1			<1	<1	<1	<1	<1	<1				<1	<1	<1
Chloroform	2016-04	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Chloroform	2016-10	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Chloroform	2017-03	ug/L	<1	<1			<1	<1	**0.28 J**	<1	<1	<1	<1			<1	<1	<1
Chloroform	2017-10	ug/L	<1	<1			<1	<1	<1	<1	<1	<1				<1	<1	<1
Chloroform	2017-12	ug/L					<1					<1						<1
Chloroform	2018-04	ug/L	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Chloroform	2018-07	ug/L											<3					
Chloroform	2018-10	ug/L	<3	<3			<3	<3	<3	<3	<3	<3	<3			<3	<3	<3
Chloroform	2019-01	ug/L																
Chloroform	2019-03	ug/L	<3	<3			<3	<3	<3	<3	<3	<3	<3			<3	<3	<3
Chloroform	2019-05	ug/L																
Chloroform	2019-10	ug/L	<3	<3			<3	<3	<3	<3	<3	<3	<3			<3	<3	<3
Chloroform	2020-03	ug/L	<3	<3			<3	<3	<3	<3	<3	<3	<3			<3	<3	<3
Chloroform	2020-09	ug/L	<3	<3			<3	<3	<3	<3	<3	<3	<3			<3	<3	<3
Chloroform	2021-03	ug/L	<3	<3			<3	<3	<3	<3	<3	<3	<3			<3	<3	<3
Chloroform	2021-05	ug/L																
Chloroform	2021-08	ug/L																
Chloroform	2021-10	ug/L	<3	<3	<3		<3	<3	<3	<3	<3	<3	<3			<3	<3	<3
Chloroform	2021-12	ug/L																
Chloroform	2022-02	ug/L	<3		<3	<3												
Chloroform	2022-04	ug/L	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3			<3	<3	<3
Chloroform	2022-07	ug/L			<3	<3												
Chloroform	2022-10	ug/L	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3				<3	<3	<3
Chloroform	2023-04	ug/L	<3	<3		<3	<3	<3	<3	<3	<3	<3	<3			<3	<3	<3
Chloroform	2023-05	ug/L			<3													
Chloroform	2023-10	ug/L	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3				<3	<3	<3
Chloroform	2024-04	ug/L	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3			<3	<3	<3
Chloroform	2024-09	ug/L	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3			< 3	< 3	< 3
Chloroform	2025-03	ug/L	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3			< 3	< 3	< 3
Chloroform	2025-08	ug/L	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3			< 3	< 3	< 3
Chloromethane	2008-01	ug/L					~~< 3~~	~~< 3~~	~~< 3.00~~	~~< 3~~	~~< 3~~	~~< 3~~	~~< 3~~	~~< 3~~	~~< 3~~			
Chloromethane	2008-03	ug/L					~~< 3.00~~	~~< 3.00~~	~~< 3.00~~	~~< 3.00~~	~~< 3.00~~	~~< 3.00~~	~~< 3.00~~	~~< 3.00~~	~~< 3.00~~			
Chloromethane	2008-08	ug/L					~~< 3~~	~~< 3~~	~~< 3~~	~~< 3~~	~~< 3~~	~~< 3~~	**~~0.24~~**	~~< 3~~	~~< 3~~			
Chloromethane	2008-09	ug/L					~~< 3~~	~~< 3~~	~~< 3~~	~~< 3~~	~~< 3~~	~~< 3~~	~~< 3~~	~~< 3~~	~~< 3~~			
Chloromethane	2008-10	ug/L					~~< 3~~	~~< 3~~	**~~0.22~~**	~~< 3~~	~~< 3~~	~~< 3~~	~~< 3~~	~~< 3~~	~~< 3~~			
Chloromethane	2009-03	ug/L					~~< 3~~	~~< 3~~	~~< 3~~	~~< 3~~	~~< 3~~	**~~0.25~~**	~~< 3~~	~~< 3~~	~~< 3~~			
Chloromethane	2009-06	ug/L					~~< 15.0~~	~~< 3~~	~~< 3~~	~~< 3.00~~	~~< 3~~			~~< 3.00~~				
Chloromethane	2009-09	ug/L					~~< 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~~	~~< 3.00~~	~~< 3.00~~	~~< 3.00~~			~~< 3.00~~				
Chloromethane	2010-03	ug/L					~~< 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~~	~~< 3.00~~	~~< 3.00~~
Chloromethane	2010-08	ug/L										~~< 3.00~~	~~< 3.00~~			~~< 3.00~~	~~< 3.00~~	~~< 3.00~~
Chloromethane	2010-09	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	2010-12	ug/L										~~< 3.00~~				~~< 3.00~~	~~< 3.00~~	~~< 3.00~~
Chloromethane	2011-03	ug/L		~~< 3.00~~			~~< 75.0~~	~~< 3.00~~	~~< 3.00~~	~~< 750~~	~~< 3.00~~	~~< 3.00~~	~~< 3.00~~	~~< 3.00~~	~~< 3.00~~	~~< 3.00~~	~~< 3.00~~	~~< 3.00~~
Chloromethane	2011-04	ug/L					~~< 3.00~~		~~< 3.00~~	~~< 30.0~~	~~< 3.00~~						~~< 3.00~~	
Chloromethane	2011-06	ug/L		~~< 3.00~~									~~< 3.00~~		~~< 3.00~~	~~< 3.00~~	~~< 3.00~~	

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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
Chloroform	2012-10	ug/L																
Chloroform	2013-03	ug/L	~~< 1.00~~								~~< 1.00~~							
Chloroform	2013-06	ug/L			~~< 1.00~~													
Chloroform	2013-09	ug/L	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~						~~< 1.00~~							
Chloroform	2013-11	ug/L			~~< 1.00~~													
Chloroform	2014-03	ug/L	~~< 1.00~~		~~< 1.00~~						~~< 1.00~~							
Chloroform	2014-06	ug/L		~~< 1.00~~	~~< 1.00~~													
Chloroform	2014-09	ug/L	~~< 1~~	~~< 1~~	~~< 1~~						~~< 1~~							
Chloroform	2014-12	ug/L																
Chloroform	2015-04	ug/L	< 1.00	**1.24**	< 1.00						< 1							
Chloroform	2015-10	ug/L	<1	<1	<1						<1					<1	<1	
Chloroform	2016-04	ug/L	<1	<1	<1						<1					<1	<1	
Chloroform	2016-10	ug/L	<1	<1	<1						<1					<1	<1	
Chloroform	2017-03	ug/L	<1	<1	<1						**0.293 J**					<1	<1	
Chloroform	2017-10	ug/L	<1	<1	<1						<1					<1	<1	
Chloroform	2017-12	ug/L			<1													
Chloroform	2018-04	ug/L	<1	<1	<1						<1					<1	<1	
Chloroform	2018-07	ug/L								<3								
Chloroform	2018-10	ug/L	<3	<3	<3					<3	<3					<3	<3	
Chloroform	2019-01	ug/L								<3								
Chloroform	2019-03	ug/L	<3	<3	<3					<3	<3					<3	<3	
Chloroform	2019-05	ug/L		<3						<3								
Chloroform	2019-10	ug/L	<3	<3	<3					<3	<3					<3	<3	
Chloroform	2020-03	ug/L	<3	<3	<3					<3	<3					<3	<3	
Chloroform	2020-09	ug/L	<3	<3	<3					<3	<3					<3	<3	
Chloroform	2021-03	ug/L	<3	<3	<3			<3	<3	<3	<3					<3	<3	
Chloroform	2021-05	ug/L	<3															
Chloroform	2021-08	ug/L						<3	<3									
Chloroform	2021-10	ug/L	<3	<3	<3			<3	<3	<3	<3							
Chloroform	2021-12	ug/L	<3															
Chloroform	2022-02	ug/L						<3	<3									
Chloroform	2022-04	ug/L	<3	<3	<3			<3	<3	<3	<3							
Chloroform	2022-07	ug/L																
Chloroform	2022-10	ug/L	<3	<3	<3			<3	<3	<3	<3							
Chloroform	2023-04	ug/L	<3	<3	<3			<3	<3	<3	<3							
Chloroform	2023-05	ug/L																
Chloroform	2023-10	ug/L	<3	<3	<3			<3	<3	<3	<3							
Chloroform	2024-04	ug/L	<3	<3	<3			<3	<3	<3	<3							
Chloroform	2024-09	ug/L	< 3	< 3	< 3			< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Chloroform	2025-03	ug/L	< 3	< 3	< 3			< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Chloroform	2025-08	ug/L	< 3	< 3	< 3			< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Chloromethane	2008-01	ug/L																
Chloromethane	2008-03	ug/L																
Chloromethane	2008-08	ug/L																
Chloromethane	2008-09	ug/L																
Chloromethane	2008-10	ug/L																
Chloromethane	2009-03	ug/L																
Chloromethane	2009-06	ug/L																
Chloromethane	2009-09	ug/L																
Chloromethane	2009-12	ug/L																
Chloromethane	2010-03	ug/L																
Chloromethane	2010-06	ug/L	~~< 3.00~~	~~< 3.00~~														
Chloromethane	2010-08	ug/L	~~< 3.00~~	~~< 3.00~~														
Chloromethane	2010-09	ug/L	~~< 3.00~~	~~< 3.00~~														
Chloromethane	2010-12	ug/L	~~< 3.00~~	~~< 3.00~~														
Chloromethane	2011-03	ug/L	~~< 3.00~~	~~< 3.00~~														
Chloromethane	2011-04	ug/L																
Chloromethane	2011-06	ug/L																

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
Chloromethane	2011-07	ug/L	~~< 3.00~~															
Chloromethane	2011-08	ug/L		~~< 3.00~~														
Chloromethane	2011-09	ug/L	~~< 3.00~~	~~< 3.00~~			~~< 3.00~~	~~< 3.00~~	~~< 3.00~~	~~< 30.0~~	~~< 3.00~~	~~< 3.00~~		~~< 3.00~~	~~< 3.00~~	~~< 3.00~~	~~< 3.00~~	~~< 3.00~~
Chloromethane	2011-12	ug/L	~~< 3.00~~	~~< 3.00~~											~~< 3.00~~	~~< 3.00~~	~~< 3.00~~	
Chloromethane	2012-03	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~~	~~< 3.00~~	~~< 3.00~~
Chloromethane	2012-06	ug/L																
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	2013-03	ug/L	~~< 3.00~~	~~< 3.00~~			~~< 3.00~~	~~< 3.00~~	~~< 3.00~~	~~< 30.0~~	~~< 3.00~~	~~< 3.00~~		~~< 3.00~~	~~< 3.00~~	~~< 3.00~~	~~< 3.00~~	~~< 3.00~~
Chloromethane	2013-06	ug/L																
Chloromethane	2013-09	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~~	~~< 3.00~~
Chloromethane	2013-11	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~~	~~< 3.00~~	~~< 3.00~~
Chloromethane	2014-06	ug/L																
Chloromethane	2014-09	ug/L	~~< 3~~	~~< 3~~			~~< 3.00~~	~~< 3.00~~	~~< 3.00~~	~~< 3.00~~	~~< 3~~	~~< 3~~	~~< 3~~	~~< 3.00~~	~~< 3.00~~	~~< 3.00~~	~~< 3.00~~	~~< 3~~
Chloromethane	2014-12	ug/L															~~< 3.00~~	
Chloromethane	2015-04	ug/L	< 3.00	< 3			< 3	< 3.00	< 3	< 3	< 3	< 3.00	< 3.00			< 3.00	< 3	< 3
Chloromethane	2015-10	ug/L	**0.341 J**	<3			<3	<3	<3	<3	<3	<3				<3	<3	<3
Chloromethane	2016-04	ug/L	<3	<3			<3	<3	<3	<3	<3	<3	<3			<3	<3	<3
Chloromethane	2016-10	ug/L	<3	<3			<3	<3	<3	<3	<3	<3	<3			<3	<3	<3
Chloromethane	2017-03	ug/L	<3	<3			<3	<3	<3	<3	<3	<3	<3			<3	<3	<3
Chloromethane	2017-10	ug/L	<3	<3			<3	<3	<3	<3	<3	<3				<3	<3	<3
Chloromethane	2017-12	ug/L					<3					<3						<3
Chloromethane	2018-04	ug/L	<3	<3	<3		<3	<3	<3	<3	<3	<3	<3			<3	<3	<3
Chloromethane	2018-07	ug/L											<3					
Chloromethane	2018-10	ug/L	<3	<3			<3	<3	<3	<3	<3	<3	<3			<3	<3	<3
Chloromethane	2019-01	ug/L																
Chloromethane	2019-03	ug/L	<3	<3			<3	<3	<3	<3	<3	<3	<3			<3	<3	<3
Chloromethane	2019-05	ug/L																
Chloromethane	2019-10	ug/L	<3	<3			<3	<3	<3	<3	<3	<3	<3			<3	<3	<3
Chloromethane	2020-03	ug/L	<3	<3			<3	<3	<3	<3	<3	<3	<3			<3	<3	<3
Chloromethane	2020-09	ug/L	<3	<3			<3	<3	<3	<3	<3	<3	<3			<3	<3	<3
Chloromethane	2021-03	ug/L	<3	<3			<3	<3	<3	<3	<3	<3	<3			<3	<3	<3
Chloromethane	2021-05	ug/L																
Chloromethane	2021-08	ug/L																
Chloromethane	2021-10	ug/L	<3	<3	<3		<3	<3	<3	<3	<3	<3	<3			<3	<3	<3
Chloromethane	2021-12	ug/L																
Chloromethane	2022-02	ug/L	<3		<3	<3												
Chloromethane	2022-04	ug/L	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3			<3	<3	<3
Chloromethane	2022-07	ug/L			<3	<3												
Chloromethane	2022-10	ug/L	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3				<3	<3	<3
Chloromethane	2023-04	ug/L	<3	<3		<3	<3	<3	<3	<3	<3	<3	<3			<3	<3	<3
Chloromethane	2023-05	ug/L			<3													
Chloromethane	2023-10	ug/L	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3				<3	<3	<3
Chloromethane	2024-04	ug/L	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3			<3	<3	<3
Chloromethane	2024-09	ug/L	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3			< 3	< 3	< 3
Chloromethane	2025-03	ug/L	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3			< 3	< 3	< 3
Chloromethane	2025-08	ug/L	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3			< 3	< 3	< 3
Chloroprene	2009-03	ug/L						~~< 1~~	~~< 1~~	~~< 1~~								
Chloroprene	2009-06	ug/L					~~< 5.00~~	~~< 1~~	~~< 1~~	~~< 1.00~~	~~< 1~~			~~< 1.00~~				
Chloroprene	2009-09	ug/L					~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~			~~< 1.00~~				
Chloroprene	2009-12	ug/L					~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~			~~< 1.00~~				
Chloroprene	2010-03	ug/L					~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~			~~< 1.00~~				
Chloroprene	2010-06	ug/L										~~< 1.00~~						
Chloroprene	2010-08	ug/L										~~< 1.00~~	~~< 1.00~~					
Chloroprene	2010-09	ug/L					~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~				
Chloroprene	2010-12	ug/L										~~< 1.00~~						
Chloroprene	2011-03	ug/L					~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 10.0~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~			
Chloroprene	2011-04	ug/L					~~< 1.00~~		~~< 1.00~~	~~< 10.0~~	~~< 1.00~~						~~< 1.00~~	

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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
Chloromethane	2011-07	ug/L																
Chloromethane	2011-08	ug/L																
Chloromethane	2011-09	ug/L	~~< 3.00~~	~~< 3.00~~														
Chloromethane	2011-12	ug/L																
Chloromethane	2012-03	ug/L	~~< 3.00~~	~~< 3.00~~														
Chloromethane	2012-06	ug/L									~~< 3.00~~	~~< 3.00~~		~~< 3.00~~		~~< 3.00~~	~~< 3.00~~	
Chloromethane	2012-10	ug/L																
Chloromethane	2013-03	ug/L	~~< 3.00~~								~~< 3.00~~							
Chloromethane	2013-06	ug/L			~~< 3.00~~													
Chloromethane	2013-09	ug/L	~~< 3.00~~	~~< 3.00~~	~~< 3.00~~						~~< 3.00~~							
Chloromethane	2013-11	ug/L			~~< 3.00~~													
Chloromethane	2014-03	ug/L	~~< 3.00~~		~~< 3.00~~						~~< 3.00~~							
Chloromethane	2014-06	ug/L		~~< 3.00~~	~~< 3.00~~													
Chloromethane	2014-09	ug/L	~~< 3~~	~~< 3~~	~~< 3~~						~~< 3~~							
Chloromethane	2014-12	ug/L																
Chloromethane	2015-04	ug/L	< 3.00	**0.546**	**0.388**						< 3							
Chloromethane	2015-10	ug/L	<3	<3	<3						<3					<3	<3	
Chloromethane	2016-04	ug/L	<3	<3	<3						<3					<3	<3	
Chloromethane	2016-10	ug/L	<3	<3	<3						<3					<3	<3	
Chloromethane	2017-03	ug/L	<3	<3	<3						<3					<3	<3	
Chloromethane	2017-10	ug/L	<3	<3	<3						<3					<3	<3	
Chloromethane	2017-12	ug/L			<3													
Chloromethane	2018-04	ug/L	<3	<3	<3						<3					<3	<3	
Chloromethane	2018-07	ug/L								<3								
Chloromethane	2018-10	ug/L	<3	<3	<3					<3	<3					<3	<3	
Chloromethane	2019-01	ug/L								<3								
Chloromethane	2019-03	ug/L	<3	<3	<3					<3	<3					<3	<3	
Chloromethane	2019-05	ug/L		<3						<3								
Chloromethane	2019-10	ug/L	<3	<3	<3					<3	<3					<3	<3	
Chloromethane	2020-03	ug/L	<3	<3	<3					<3	<3					<3	<3	
Chloromethane	2020-09	ug/L	<3	<3	<3					<3	<3					<3	<3	
Chloromethane	2021-03	ug/L	<3	<3	<3			<3	<3	<3	<3					<3	<3	
Chloromethane	2021-05	ug/L	<3															
Chloromethane	2021-08	ug/L						<3	<3									
Chloromethane	2021-10	ug/L	<3	<3	<3			<3	<3	<3	<3							
Chloromethane	2021-12	ug/L	<3															
Chloromethane	2022-02	ug/L						<3	<3									
Chloromethane	2022-04	ug/L	<3	<3	<3			<3	<3	<3	<3							
Chloromethane	2022-07	ug/L																
Chloromethane	2022-10	ug/L	<3	<3	<3			**0.738 J**	**0.65 J**	<3	<3							
Chloromethane	2023-04	ug/L	<3	<3	<3			<3	<3	<3	<3							
Chloromethane	2023-05	ug/L																
Chloromethane	2023-10	ug/L	<3	<3	<3			<3	<3	<3	<3							
Chloromethane	2024-04	ug/L	<3	<3	<3			<3	<3	<3	<3							
Chloromethane	2024-09	ug/L	< 3	< 3	< 3			< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Chloromethane	2025-03	ug/L	< 3	< 3	< 3			< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Chloromethane	2025-08	ug/L	< 3	< 3	< 3			< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Chloroprene	2009-03	ug/L																
Chloroprene	2009-06	ug/L																
Chloroprene	2009-09	ug/L																
Chloroprene	2009-12	ug/L																
Chloroprene	2010-03	ug/L																
Chloroprene	2010-06	ug/L																
Chloroprene	2010-08	ug/L																
Chloroprene	2010-09	ug/L																
Chloroprene	2010-12	ug/L																
Chloroprene	2011-03	ug/L																
Chloroprene	2011-04	ug/L																

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
Chloroprene	2011-06	ug/L											< 1.00		< 1.00	< 1.00	< 1.00	
Chloroprene	2011-09	ug/L					< 1.00	< 1.00	< 1.00	< 10.0	< 1.00	< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	
Chloroprene	2011-12	ug/L													< 1.00	< 1.00	< 1.00	
Chloroprene	2012-03	ug/L												< 1.00		< 1.00	< 1.00	
Chloroprene	2014-12	ug/L															< 1.00	
Chloroprene	2016-10	ug/L							<1	<1	<1					<1	<1	
Chloroprene	2017-10	ug/L						<1										
Chloroprene	2017-12	ug/L					<1					<1						<1
Chloroprene	2018-07	ug/L											<1					
Chloroprene	2018-10	ug/L											<1					
Chloroprene	2019-05	ug/L																
Chloroprene	2021-10	ug/L							<1	<1	<1					<1	<1	
Chloroprene	2021-12	ug/L																
Chloroprene	2022-10	ug/L					<1	<1				<1						<1
Chloroprene	2024-04	ug/L											<1					
Chromium	2008-01	mg/L					< 0.02	< 0.02	< 0.0200	< 0.02	< 0.02	< 0.02	< 0.02	**0.0413**	< 0.02			
Chromium	2008-03	mg/L					< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200			
Chromium	2008-08	mg/L					< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	**0.0361**	< 0.02			
Chromium	2008-09	mg/L					< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	**0.026**	< 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			
Chromium	2009-03	mg/L					< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02			
Chromium	2009-06	mg/L					< 0.0200	< 0.02	< 0.02	< 0.0200	< 0.02			< 0.0200				
Chromium	2009-09	mg/L					< 0.0200	< 0.0200	**0.021**	**0.0238**	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200			
Chromium	2009-12	mg/L					< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200			< 0.0200				
Chromium	2010-03	mg/L					< 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	< 0.0200	< 0.0200
Chromium	2010-08	mg/L										< 0.0200	< 0.0200			< 0.0200	< 0.0200	< 0.0200
Chromium	2010-09	mg/L					< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200
Chromium	2010-12	mg/L										< 0.0200				< 0.0200	< 0.0200	< 0.0200
Chromium	2011-03	mg/L		< 0.0200			< 0.0200	< 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									< 0.0200		< 0.0200	< 0.0200	< 0.0200	
Chromium	2011-07	mg/L	< 0.0200															
Chromium	2011-08	mg/L		< 0.0200														
Chromium	2011-09	mg/L	< 0.0200	< 0.0200			< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200		< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200
Chromium	2011-12	mg/L	< 0.0200	< 0.0200											< 0.0200	< 0.0200	< 0.0200	
Chromium	2012-03	mg/L	< 0.0200	< 0.0200			< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200
Chromium	2012-04	mg/L																
Chromium	2012-06	mg/L																
Chromium	2012-10	mg/L	< 0.0200	< 0.0200			< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200			< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200
Chromium	2013-03	mg/L	< 0.0200	< 0.0200			< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200		< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200
Chromium	2013-06	mg/L																
Chromium	2013-09	mg/L	**0.00341**	< 0.0200			< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	**0.00298**		< 0.0200	**0.00481**	**0.00174**	**0.00311**	**0.0058**
Chromium	2013-11	mg/L																
Chromium	2014-03	mg/L	< 0.0200	< 0.0200			< 0.0200	**0.00438**	< 0.0200	**0.0061**	**0.00434**	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	**0.00755**
Chromium	2014-06	mg/L																
Chromium	2014-09	mg/L	< 0.005	< 0.005			< 0.00500	< 0.00500	< 0.00500	**0.00251**	< 0.005	< 0.005	< 0.005	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.005
Chromium	2014-12	mg/L															< 0.00500	
Chromium	2015-04	mg/L	< 0.00500	< 0.005			< 0.005 o	< 0.005 o	< 0.005 o	**0.00221**	< 0.005	< 0.005 o	< 0.005 o			< 0.00500	< 0.005 o	< 0.005 o
Chromium	2015-10	mg/L	<0.02	<0.02			<0.02	<0.02	<0.02	**0.00273 J**	<0.02	<0.02				<0.02	<0.02	<0.02
Chromium	2016-04	mg/L	**0.000603 J**	<0.005			<0.005	<0.005	**0.000473 J**	**0.00192 J**	**0.00055 J**	**0.000498 J**	**0.000475 J**			<0.005	<0.005	<0.005
Chromium	2016-10	mg/L	<0.005	<0.005			**0.000717 J**	<0.005	< 0.005 o	**0.00175 J**	**0.000638 J**	<0.005	<0.005			<0.005	**0.000453 J**	<0.005
Chromium	2017-03	mg/L	<0.005	<0.005			<0.005	<0.005	<0.005	**0.00144 J**	<0.005	<0.005	<0.005			<0.005	<0.005	<0.005
Chromium	2017-10	mg/L	<0.005	<0.005			<0.005	<0.005	<0.005	**0.00158 J**	<0.005	<0.005				<0.005	<0.005	<0.005
Chromium	2017-12	mg/L					<0.005					<0.005						**0.000774 J**
Chromium	2018-04	mg/L	**0.000787 J**	**0.00131 J**	<0.005		<0.005	<0.005	**0.00316 Jo**	**0.00133 J**	<0.005	<0.005	<0.005			<0.005	<0.005	<0.005
Chromium	2018-07	mg/L											<0.005					
Chromium	2018-10	mg/L	**0.00109 J**	<0.005			<0.005	<0.005	<0.005	**0.0269 o**	<0.005	<0.005	<0.005			<0.005	<0.005	<0.005
Chromium	2019-01	mg/L																

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Chloroprene	2011-06	ug/L																
Chloroprene	2011-09	ug/L																
Chloroprene	2011-12	ug/L																
Chloroprene	2012-03	ug/L																
Chloroprene	2014-12	ug/L																
Chloroprene	2016-10	ug/L									<1					<1	<1	
Chloroprene	2017-10	ug/L																
Chloroprene	2017-12	ug/L			<1													
Chloroprene	2018-07	ug/L								<1								
Chloroprene	2018-10	ug/L								<1								
Chloroprene	2019-05	ug/L		<1														
Chloroprene	2021-10	ug/L																
Chloroprene	2021-12	ug/L	<1															
Chloroprene	2022-10	ug/L			<1													
Chloroprene	2024-04	ug/L		<1														
Chromium	2008-01	mg/L																
Chromium	2008-03	mg/L																
Chromium	2008-08	mg/L																
Chromium	2008-09	mg/L																
Chromium	2008-10	mg/L																
Chromium	2009-03	mg/L																
Chromium	2009-06	mg/L																
Chromium	2009-09	mg/L																
Chromium	2009-12	mg/L																
Chromium	2010-03	mg/L																
Chromium	2010-06	mg/L	~~< 0.0200~~	~~< 0.0200~~														
Chromium	2010-08	mg/L	~~< 0.0200~~	~~< 0.0200~~														
Chromium	2010-09	mg/L	~~< 0.0200~~	~~< 0.0200~~														
Chromium	2010-12	mg/L	~~< 0.0200~~	~~< 0.0200~~														
Chromium	2011-03	mg/L	~~< 0.0200~~	~~< 0.0200~~														
Chromium	2011-06	mg/L																
Chromium	2011-07	mg/L																
Chromium	2011-08	mg/L																
Chromium	2011-09	mg/L	~~< 0.0200~~	~~< 0.0200~~														
Chromium	2011-12	mg/L																
Chromium	2012-03	mg/L	~~< 0.0200~~	~~< 0.0200~~														
Chromium	2012-04	mg/L									~~1.02~~	~~< 0.0200~~		~~< 0.0200~~		~~< 0.0200~~	~~< 0.0200~~	
Chromium	2012-06	mg/L									~~0.874~~	~~< 0.0200~~		~~< 0.0200~~		~~< 0.0200~~	~~< 0.0200~~	
Chromium	2012-10	mg/L									~~< 0.0200~~			~~< 0.0200~~		~~< 0.0200~~	~~0.0396~~	
Chromium	2013-03	mg/L	~~< 0.0200~~								~~0.178~~					~~< 0.0200~~	~~< 0.0200~~	
Chromium	2013-06	mg/L			~~0.0026~~													
Chromium	2013-09	mg/L	~~0.00798~~	~~0.00196~~	~~0.00546~~						~~0.157~~					~~0.00818~~	~~< 0.0200~~	
Chromium	2013-11	mg/L			~~0.00497~~													
Chromium	2014-03	mg/L	~~< 0.0200~~		~~0.00365~~						~~0.0291~~					~~0.00744~~	~~< 0.0200~~	
Chromium	2014-06	mg/L		~~< 0.0200~~	~~< 0.0200~~													
Chromium	2014-09	mg/L	~~< 0.005~~	~~< 0.005~~	~~0.00228~~						~~0.0123~~					~~0.00237~~	~~0.00315~~	
Chromium	2014-12	mg/L																
Chromium	2015-04	mg/L	~~< 0.005 o~~	~~< 0.005 o~~	< 0.00500						0.00239					< 0.00500	< 0.00500	
Chromium	2015-10	mg/L	<0.02	<0.02	<0.02						<0.02					<0.02	<0.02	
Chromium	2016-04	mg/L	<0.005	<0.005	<0.005						<0.005					<0.005	<0.005	
Chromium	2016-10	mg/L	**0.00133 J**	~~0.00174 Jo~~	<0.005						<0.005					<0.005	<0.005	
Chromium	2017-03	mg/L	<0.005	<0.005	<0.005						<0.005					<0.005	<0.005	
Chromium	2017-10	mg/L	<0.005	<0.005	<0.005						<0.005					<0.005	<0.005	
Chromium	2017-12	mg/L			<0.005													
Chromium	2018-04	mg/L	<0.005	<0.005	<0.005						0.00312 J					<0.005	<0.005	
Chromium	2018-07	mg/L								<0.005								
Chromium	2018-10	mg/L	<0.005	<0.005	<0.005					<0.005	0.00207 J					<0.005	<0.005	
Chromium	2019-01	mg/L								<0.005								

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
Chromium	2019-03	mg/L	<0.005	<0.005			<0.005	<0.005	<0.005	**0.00246**	<0.005	<0.005	<0.005			<0.005	<0.005	<0.005
Chromium	2019-05	mg/L																
Chromium	2019-10	mg/L	<0.005	<0.005			<0.005	<0.005	<0.005	**0.00117 J**	<0.005	<0.005	<0.005			<0.005	<0.005	<0.005
Chromium	2020-03	mg/L	<0.005	<0.005			<0.005	<0.005	<0.005	**0.00116 J**	<0.005	<0.005	<0.005			<0.005	<0.005	<0.005
Chromium	2020-09	mg/L	<0.005	<0.005			<0.005	<0.005	<0.005	**0.00152 J**	<0.005	<0.005	<0.005			**0.00112 J**	<0.005	<0.005
Chromium	2020-11	mg/L	**0.00148 J**															
Chromium	2020-12	mg/L	<0.005															
Chromium	2021-03	mg/L	<0.005	<0.005			<0.005	<0.005	<0.005	**0.00161 J**	<0.005	<0.005	<0.005			<0.005	<0.005	<0.005
Chromium	2021-05	mg/L																
Chromium	2021-08	mg/L																
Chromium	2021-10	mg/L	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	**0.00223 J**	<0.005	<0.005	<0.005			<0.005	<0.005	<0.005
Chromium	2021-12	mg/L																
Chromium	2022-02	mg/L	<0.005		<0.005	<0.005												
Chromium	2022-04	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	**0.00133 J**	<0.005	<0.005	**0.0014 J**			<0.005	<0.005	<0.005
Chromium	2022-07	mg/L			<0.005	**0.00117 J**												
Chromium	2022-10	mg/L	**0.00178 J**	**0.00267 J**	<0.005	<0.005	<0.005	<0.005	<0.005	**0.00181 J**	<0.005	<0.005				<0.005	<0.005	<0.005
Chromium	2023-04	mg/L	**0.00126 J**	<0.005		<0.005	<0.005	<0.005	<0.005	**0.00123 J**	<0.005	<0.005	<0.005			<0.005	<0.005	<0.005
Chromium	2023-05	mg/L			<0.005													
Chromium	2023-10	mg/L	**0.00195 J**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	**0.00199 J**	<0.005	<0.005				<0.005	<0.005	<0.005
Chromium	2024-04	mg/L	**0.00187 J**	<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
Chromium	2024-05	mg/L																
Chromium	2024-09	mg/L	**0.0014 J**	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	**0.00135 J**	< 0.005	< 0.005	**0.00158 J**			< 0.005	< 0.005	< 0.005
Chromium	2025-03	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	< 0.005	< 0.005
Chromium	2025-08	mg/L	**0.00206 J**	< 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
Chrysene	2009-03	ug/L						~~< 10~~	~~< 10~~	~~< 10~~								
Chrysene	2009-06	ug/L					~~< 10.0~~	~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10~~			~~< 10.0~~				
Chrysene	2009-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
Chrysene	2009-12	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
Chrysene	2010-03	ug/L					~~< 10.0~~				~~< 10.0~~			~~< 10.0~~				
Chrysene	2010-06	ug/L										~~< 10.0~~						
Chrysene	2010-08	ug/L										~~< 10.0~~	~~< 10.0~~					
Chrysene	2010-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~				
Chrysene	2010-12	ug/L										~~< 10.0~~						
Chrysene	2011-03	ug/L											~~< 10.0~~		~~< 10.0~~			
Chrysene	2011-06	ug/L											~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Chrysene	2011-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Chrysene	2011-12	ug/L													~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Chrysene	2012-03	ug/L														~~< 10.0~~	~~< 10.0~~	
Chrysene	2014-12	ug/L															~~< 10.2~~	
Chrysene	2016-10	ug/L							<10	<10	<10.9					<11.2	<11.1	
Chrysene	2017-10	ug/L						<10.5										
Chrysene	2017-12	ug/L					<10.6					<10.4						<10.4
Chrysene	2018-07	ug/L											<10.4					
Chrysene	2018-10	ug/L											<10.4					
Chrysene	2019-05	ug/L																
Chrysene	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
Chrysene	2021-12	ug/L																
Chrysene	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
Chrysene	2024-04	ug/L											<10.6					
cis-1,2-Dichloroethene	2008-01	ug/L					~~< 1~~	~~< 1~~	**~~1.18~~**	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~			
cis-1,2-Dichloroethene	2008-03	ug/L					~~< 1.00~~	~~< 1.00~~	**~~1.08~~**	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~			
cis-1,2-Dichloroethene	2008-08	ug/L					~~< 1~~	~~< 1~~	**~~0.84~~**	~~< 1~~	**~~0.38~~**	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~			
cis-1,2-Dichloroethene	2008-09	ug/L					~~< 1~~	~~< 1~~	**~~0.93~~**	~~< 1~~	**~~0.45~~**	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~			
cis-1,2-Dichloroethene	2008-10	ug/L					~~< 1~~	~~< 1~~	**~~1.09~~**	~~< 1~~	**~~0.46~~**	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~			
cis-1,2-Dichloroethene	2009-03	ug/L					~~< 1~~	~~< 1~~	**~~0.84~~**	~~< 1~~	**~~0.59~~**	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~			
cis-1,2-Dichloroethene	2009-06	ug/L					~~< 5.00~~	~~< 1~~	**~~1.13~~**	~~< 1.00~~	~~< 1~~			~~< 1.00~~				
cis-1,2-Dichloroethene	2009-09	ug/L					~~< 1.00~~	~~< 1.00~~	~~< 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~~	**~~1.11~~**	~~< 1.00~~	~~< 1.00~~			~~< 1.00~~				

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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
Chromium	2019-03	mg/L	<0.005	<0.005	<0.005					<0.005	<0.005					<0.005	<0.005	
Chromium	2019-05	mg/L		<0.005						<0.005								
Chromium	2019-10	mg/L	<0.005	<0.005	<0.005					<0.005	<0.005					<0.005	<0.005	
Chromium	2020-03	mg/L	<0.005	<0.005	<0.005					<0.005	<0.005					<0.005	<0.005	
Chromium	2020-09	mg/L	<0.005	<0.005	<0.005					<0.005	<0.005					<0.005	<0.005	
Chromium	2020-11	mg/L																
Chromium	2020-12	mg/L																
Chromium	2021-03	mg/L	<0.005	<0.005	<0.005			<0.005	**0.00194 J**	<0.005	<0.005					<0.005	<0.005	
Chromium	2021-05	mg/L	<0.005															
Chromium	2021-08	mg/L						<0.005	<0.005									
Chromium	2021-10	mg/L	<0.005	<0.005	<0.005			<0.005	**0.00244 J**	<0.005	~~**0.0134**~~							
Chromium	2021-12	mg/L	<0.005															
Chromium	2022-02	mg/L						<0.005	**0.00149 J**									
Chromium	2022-04	mg/L	~~< 0.005 o~~	<0.005	<0.005			<0.005	<0.005	<0.005	<0.005							
Chromium	2022-07	mg/L																
Chromium	2022-10	mg/L	<0.005	<0.005	<0.005			<0.005	<0.005	<0.005	~~**0.00613**~~							
Chromium	2023-04	mg/L	<0.005	<0.005	<0.005			<0.005	**0.00266 J**	<0.005	~~**0.00403 J**~~							
Chromium	2023-05	mg/L																
Chromium	2023-10	mg/L	<0.005	<0.005	<0.005			<0.005	<0.005	<0.005	<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						<0.005				<0.005	<0.005	<0.005	<0.005			<0.005
Chromium	2024-09	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	< 0.005
Chromium	2025-03	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	< 0.005	< 0.005
Chromium	2025-08	mg/L	< 0.005	**0.00672**	< 0.005			< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	**0.00963**	< 0.005	< 0.005	< 0.005
Chrysene	2009-03	ug/L																
Chrysene	2009-06	ug/L																
Chrysene	2009-09	ug/L																
Chrysene	2009-12	ug/L																
Chrysene	2010-03	ug/L																
Chrysene	2010-06	ug/L																
Chrysene	2010-08	ug/L																
Chrysene	2010-09	ug/L																
Chrysene	2010-12	ug/L																
Chrysene	2011-03	ug/L																
Chrysene	2011-06	ug/L																
Chrysene	2011-09	ug/L																
Chrysene	2011-12	ug/L																
Chrysene	2012-03	ug/L																
Chrysene	2014-12	ug/L																
Chrysene	2016-10	ug/L									<10.4					<10.3	<10.2	
Chrysene	2017-10	ug/L																
Chrysene	2017-12	ug/L			<10.4													
Chrysene	2018-07	ug/L								<10.1								
Chrysene	2018-10	ug/L								<10.3								
Chrysene	2019-05	ug/L		<10.1														
Chrysene	2021-10	ug/L																
Chrysene	2021-12	ug/L	<10.5															
Chrysene	2022-10	ug/L			<8.77													
Chrysene	2024-04	ug/L		<10.2														
cis-1,2-Dichloroethene	2008-01	ug/L																
cis-1,2-Dichloroethene	2008-03	ug/L																
cis-1,2-Dichloroethene	2008-08	ug/L																
cis-1,2-Dichloroethene	2008-09	ug/L																
cis-1,2-Dichloroethene	2008-10	ug/L																
cis-1,2-Dichloroethene	2009-03	ug/L																
cis-1,2-Dichloroethene	2009-06	ug/L																
cis-1,2-Dichloroethene	2009-09	ug/L																
cis-1,2-Dichloroethene	2009-12	ug/L																

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
cis-1,2-Dichloroethene	2010-03	ug/L					< 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	< 1.00	< 1.00
cis-1,2-Dichloroethene	2010-08	ug/L										< 1.00	< 1.00			< 1.00	< 1.00	< 1.00
cis-1,2-Dichloroethene	2010-09	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
cis-1,2-Dichloroethene	2010-12	ug/L										< 1.00				< 1.00	< 1.00	< 1.00
cis-1,2-Dichloroethene	2011-03	ug/L		< 1.00			< 1.00	< 1.00	< 1.00	< 10.0	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
cis-1,2-Dichloroethene	2011-04	ug/L					< 1.00		**1.98**	< 10.0	< 1.00						< 1.00	
cis-1,2-Dichloroethene	2011-06	ug/L		< 1.00									< 1.00		< 1.00	< 1.00	< 1.00	
cis-1,2-Dichloroethene	2011-07	ug/L	< 1.00															
cis-1,2-Dichloroethene	2011-08	ug/L		< 1.00														
cis-1,2-Dichloroethene	2011-09	ug/L	< 1.00	< 1.00			< 1.00	< 1.00	< 1.00	< 10.0	< 1.00	< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
cis-1,2-Dichloroethene	2011-12	ug/L	< 1.00	< 1.00											< 1.00	< 1.00	< 1.00	
cis-1,2-Dichloroethene	2012-03	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	< 1.00	< 1.00
cis-1,2-Dichloroethene	2012-06	ug/L																
cis-1,2-Dichloroethene	2012-10	ug/L	< 1.00	< 1.00			< 1.00	< 1.00	**1.46**	< 1.00	< 1.00			< 1.00	< 1.00	**1.63**	< 1.00	< 1.00
cis-1,2-Dichloroethene	2013-03	ug/L	**0.3**	**0.855**			< 1.00	< 1.00	**1.25**	< 10.0	**0.424**	< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
cis-1,2-Dichloroethene	2013-06	ug/L																
cis-1,2-Dichloroethene	2013-09	ug/L	**0.38**	< 1.00			< 1.00	< 1.00	**0.734**	< 1.00	**0.454**	< 1.00		< 1.00	< 1.00	**0.553**	< 1.00	< 1.00
cis-1,2-Dichloroethene	2013-11	ug/L																
cis-1,2-Dichloroethene	2014-03	ug/L	< 1.00	< 1.00			< 1.00	< 1.00	**1.04**	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
cis-1,2-Dichloroethene	2014-06	ug/L																
cis-1,2-Dichloroethene	2014-09	ug/L	< 1	< 1			< 1.00	< 1.00	**0.596**	< 1.00	< 1	< 1	< 1	< 1.00	< 1.00	< 1.00	< 1.00	< 1
cis-1,2-Dichloroethene	2014-12	ug/L															< 1.00	
cis-1,2-Dichloroethene	2015-04	ug/L	**0.263**	< 1			< 1	< 1.00	**0.457**	< 1	**0.304**	< 1.00	< 1.00 o			< 1.00	< 1	< 1
cis-1,2-Dichloroethene	2015-10	ug/L	<1	<1			<1	<1	**0.699 J**	<1	**0.414 J**	<1				<1	<1	<1
cis-1,2-Dichloroethene	2016-04	ug/L	<1	<1			<1	<1	**0.663 J**	<1	**0.367 J**	<1	<1			<1	<1	<1
cis-1,2-Dichloroethene	2016-10	ug/L	**0.181 J**	<1			<1	<1	**0.483 J**	<1	**0.373 J**	<1	<1			<1	<1	<1
cis-1,2-Dichloroethene	2017-03	ug/L	**0.195 J**	<1			<1	<1	**1.16**	<1	**0.379 J**	<1	**0.141 J**			<1	<1	<1
cis-1,2-Dichloroethene	2017-10	ug/L	<1	<1			<1	<1	**2.14**	<1	**0.363 J**	<1				**0.34 J**	<1	<1
cis-1,2-Dichloroethene	2017-12	ug/L					<1					<1						<1
cis-1,2-Dichloroethene	2018-04	ug/L	<1	<1	<1		<1	<1	**0.925 J**	<1	**0.228 J**	<1	<1			<1	<1	<1
cis-1,2-Dichloroethene	2018-07	ug/L											<1					
cis-1,2-Dichloroethene	2018-10	ug/L	<1	<1			<1	<1	**0.372 J**	<1	**0.284 J**	<1	<1			<1	<1	<1
cis-1,2-Dichloroethene	2019-01	ug/L																
cis-1,2-Dichloroethene	2019-03	ug/L	<1	<1			<1	<1	**0.727 J**	<1	**0.308**	<1	<1			<1	<1	<1
cis-1,2-Dichloroethene	2019-05	ug/L																
cis-1,2-Dichloroethene	2019-10	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
cis-1,2-Dichloroethene	2020-03	ug/L	<1	<1			<1	<1	**0.668 J**	<1	**0.263 J**	<1	<1			<1	<1	<1
cis-1,2-Dichloroethene	2020-09	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
cis-1,2-Dichloroethene	2021-03	ug/L	<1	<1			<1	<1	**0.437 J**	<1	**0.252 J**	<1	<1			<1	<1	<1
cis-1,2-Dichloroethene	2021-05	ug/L																
cis-1,2-Dichloroethene	2021-08	ug/L																
cis-1,2-Dichloroethene	2021-10	ug/L	<1	<1	<1		<1	<1	<1	<1	**0.267 J**	<1	<1			**0.268 J**	<1	<1
cis-1,2-Dichloroethene	2021-12	ug/L																
cis-1,2-Dichloroethene	2022-02	ug/L	<1		<1	<1												
cis-1,2-Dichloroethene	2022-04	ug/L	<1	<1	<1	<1	<1	<1	**0.737 J**	<1	**0.282 J**	<1	<1			<1	<1	<1
cis-1,2-Dichloroethene	2022-07	ug/L			<1	<1												
cis-1,2-Dichloroethene	2022-10	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	**0.372 J**	<1				**0.358 J**	<1	<1
cis-1,2-Dichloroethene	2023-04	ug/L	<1	<1		<1	<1	<1	**0.961 J**	<1	**0.297 J**	<1	<1			<1	<1	<1
cis-1,2-Dichloroethene	2023-05	ug/L			<1													
cis-1,2-Dichloroethene	2023-10	ug/L	<1	<1	<1	<1	<1	<1	**0.338 J**	<1	**0.22 J**	<1				**0.252 J**	<1	<1
cis-1,2-Dichloroethene	2024-04	ug/L	<1	<1	<1	<1	<1	<1	**0.502 J**	<1	<1	<1	<1			<1	<1	<1
cis-1,2-Dichloroethene	2024-09	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	**0.225 J**	< 1	**0.225 J**	< 1	< 1			< 1	< 1	< 1
cis-1,2-Dichloroethene	2025-03	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	**0.404 J**	< 1	**0.273 J**	< 1	< 1			< 1	< 1	< 1
cis-1,2-Dichloroethene	2025-08	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1			< 1	< 1	< 1
cis-1,3-Dichloropropene	2008-01	ug/L					< 5	< 5	< 5.00	< 5	< 5	< 5	< 5	< 5	< 5			
cis-1,3-Dichloropropene	2008-03	ug/L					< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00			
cis-1,3-Dichloropropene	2008-08	ug/L					< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5			

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Table 20
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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
cis-1,2-Dichloroethene	2010-03	ug/L																
cis-1,2-Dichloroethene	2010-06	ug/L	~~< 1.00~~	~~< 1.00~~														
cis-1,2-Dichloroethene	2010-08	ug/L	~~< 1.00~~	~~< 1.00~~														
cis-1,2-Dichloroethene	2010-09	ug/L	~~< 1.00~~	~~< 1.00~~														
cis-1,2-Dichloroethene	2010-12	ug/L	~~< 1.00~~	~~< 1.00~~														
cis-1,2-Dichloroethene	2011-03	ug/L	~~< 1.00~~	~~< 1.00~~														
cis-1,2-Dichloroethene	2011-04	ug/L																
cis-1,2-Dichloroethene	2011-06	ug/L																
cis-1,2-Dichloroethene	2011-07	ug/L																
cis-1,2-Dichloroethene	2011-08	ug/L																
cis-1,2-Dichloroethene	2011-09	ug/L	~~< 1.00~~	~~< 1.00~~														
cis-1,2-Dichloroethene	2011-12	ug/L																
cis-1,2-Dichloroethene	2012-03	ug/L	~~< 1.00~~	~~< 1.00~~														
cis-1,2-Dichloroethene	2012-06	ug/L									~~< 1.00~~	~~< 1.00~~		~~< 1.00~~		~~< 1.00~~	~~< 1.00~~	
cis-1,2-Dichloroethene	2012-10	ug/L																
cis-1,2-Dichloroethene	2013-03	ug/L	~~< 1.00~~								~~< 1.00~~							
cis-1,2-Dichloroethene	2013-06	ug/L			~~< 1.00~~													
cis-1,2-Dichloroethene	2013-09	ug/L	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~						~~< 1.00~~							
cis-1,2-Dichloroethene	2013-11	ug/L			~~< 1.00~~													
cis-1,2-Dichloroethene	2014-03	ug/L	~~< 1.00~~		~~< 1.00~~						~~< 1.00~~							
cis-1,2-Dichloroethene	2014-06	ug/L		~~< 1.00~~	~~< 1.00~~													
cis-1,2-Dichloroethene	2014-09	ug/L	~~< 1~~	~~< 1~~	~~< 1~~						~~< 1~~							
cis-1,2-Dichloroethene	2014-12	ug/L																
cis-1,2-Dichloroethene	2015-04	ug/L	< 1.00	< 1.00	< 1.00						< 1							
cis-1,2-Dichloroethene	2015-10	ug/L	<1	<1	<1						<1					<1	<1	
cis-1,2-Dichloroethene	2016-04	ug/L	<1	<1	<1						<1					<1	<1	
cis-1,2-Dichloroethene	2016-10	ug/L	<1	<1	<1						<1					<1	<1	
cis-1,2-Dichloroethene	2017-03	ug/L	<1	<1	<1						<1					<1	<1	
cis-1,2-Dichloroethene	2017-10	ug/L	<1	<1	<1						<1					<1	<1	
cis-1,2-Dichloroethene	2017-12	ug/L			<1													
cis-1,2-Dichloroethene	2018-04	ug/L	<1	<1	<1						<1					<1	<1	
cis-1,2-Dichloroethene	2018-07	ug/L								<1								
cis-1,2-Dichloroethene	2018-10	ug/L	<1	<1	<1					<1	<1					<1	<1	
cis-1,2-Dichloroethene	2019-01	ug/L								<1								
cis-1,2-Dichloroethene	2019-03	ug/L	<1	<1	<1					<1	<1					<1	<1	
cis-1,2-Dichloroethene	2019-05	ug/L		<1						<1								
cis-1,2-Dichloroethene	2019-10	ug/L	<1	<1	<1					<1	<1					<1	<1	
cis-1,2-Dichloroethene	2020-03	ug/L	<1	<1	<1					<1	<1					<1	<1	
cis-1,2-Dichloroethene	2020-09	ug/L	<1	<1	<1					<1	<1					<1	<1	
cis-1,2-Dichloroethene	2021-03	ug/L	<1	<1	<1			<1	<1	<1	<1					<1	<1	
cis-1,2-Dichloroethene	2021-05	ug/L	**0.228 J**															
cis-1,2-Dichloroethene	2021-08	ug/L						<1	<1									
cis-1,2-Dichloroethene	2021-10	ug/L	<1	<1	<1			<1	<1	<1	<1							
cis-1,2-Dichloroethene	2021-12	ug/L	**0.359 J**															
cis-1,2-Dichloroethene	2022-02	ug/L						<1	<1									
cis-1,2-Dichloroethene	2022-04	ug/L	<1	<1	<1			<1	<1	<1	<1							
cis-1,2-Dichloroethene	2022-07	ug/L																
cis-1,2-Dichloroethene	2022-10	ug/L	<1	<1	<1			<1	<1	<1	<1							
cis-1,2-Dichloroethene	2023-04	ug/L	<1	<1	<1			<1	<1	<1	<1							
cis-1,2-Dichloroethene	2023-05	ug/L																
cis-1,2-Dichloroethene	2023-10	ug/L	<1	<1	<1			<1	<1	<1	<1							
cis-1,2-Dichloroethene	2024-04	ug/L	<1	<1	<1			<1	<1	<1	<1							
cis-1,2-Dichloroethene	2024-09	ug/L	< 1	< 1	< 1			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
cis-1,2-Dichloroethene	2025-03	ug/L	< 1	< 1	< 1			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
cis-1,2-Dichloroethene	2025-08	ug/L	< 1	< 1	< 1			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
cis-1,3-Dichloropropene	2008-01	ug/L																
cis-1,3-Dichloropropene	2008-03	ug/L																
cis-1,3-Dichloropropene	2008-08	ug/L																

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
cis-1,3-Dichloropropene	2008-09	ug/L					< 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			
cis-1,3-Dichloropropene	2009-03	ug/L					< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5			
cis-1,3-Dichloropropene	2009-06	ug/L					< 25.0	< 5	< 5	< 5.00	< 5			< 5.00				
cis-1,3-Dichloropropene	2009-09	ug/L					< 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	< 5.00	< 5.00	< 5.00			< 5.00				
cis-1,3-Dichloropropene	2010-03	ug/L					< 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	< 5.00	< 5.00
cis-1,3-Dichloropropene	2010-08	ug/L										< 10.0	< 10.0			< 10.0	< 10.0	< 10.0
cis-1,3-Dichloropropene	2010-09	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
cis-1,3-Dichloropropene	2010-12	ug/L										< 5.00				< 5.00	< 5.00	< 5.00
cis-1,3-Dichloropropene	2011-03	ug/L		< 5.00			< 10.0	< 5.00	< 5.00	< 100	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00
cis-1,3-Dichloropropene	2011-04	ug/L					< 5.00		< 5.00	< 50.0	< 5.00						< 5.00	
cis-1,3-Dichloropropene	2011-06	ug/L		< 5.00									< 5.00		< 5.00	< 5.00	< 5.00	
cis-1,3-Dichloropropene	2011-07	ug/L	< 5.00															
cis-1,3-Dichloropropene	2011-08	ug/L		< 5.00														
cis-1,3-Dichloropropene	2011-09	ug/L	< 5.00	< 5.00			< 5.00	< 5.00	< 5.00	< 50.0	< 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											< 5.00	< 5.00	< 5.00	
cis-1,3-Dichloropropene	2012-03	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	< 5.00	< 5.00
cis-1,3-Dichloropropene	2012-06	ug/L																
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	2013-03	ug/L	< 5.00	< 5.00			< 5.00	< 5.00	< 5.00	< 50.0	< 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	2013-09	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	< 5.00
cis-1,3-Dichloropropene	2013-11	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	< 5.00	< 5.00
cis-1,3-Dichloropropene	2014-06	ug/L																
cis-1,3-Dichloropropene	2014-09	ug/L	< 5	< 5			< 5.00	< 5.00	< 5.00	< 5.00	< 5	< 5	< 5	< 5.00	< 5.00	< 5.00	< 5.00	< 5
cis-1,3-Dichloropropene	2014-12	ug/L															< 5.00	
cis-1,3-Dichloropropene	2015-04	ug/L	< 5.00	< 5			< 5	< 5.00	< 5	< 5	< 5	< 5.00	< 5.00			< 5.00	< 5	< 5
cis-1,3-Dichloropropene	2015-10	ug/L	<5	<5			<5	<5	<5	<5	<5	<5				<5	<5	<5
cis-1,3-Dichloropropene	2016-04	ug/L	<5	<5			<5	<5	<5	<5	<5	<5	<5			<5	<5	<5
cis-1,3-Dichloropropene	2016-10	ug/L	<5	<5			<5	<5	<5	<5	<5	<5	<5			<5	<5	<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	2017-10	ug/L	<5	<5			<5	<5	<5	<5	<5	<5				<5	<5	<5
cis-1,3-Dichloropropene	2017-12	ug/L					<5					<5						<5
cis-1,3-Dichloropropene	2018-04	ug/L	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5			<5	<5	<5
cis-1,3-Dichloropropene	2018-07	ug/L											<5					
cis-1,3-Dichloropropene	2018-10	ug/L	<5	<5			<5	<5	<5	<5	<5	<5	<5			<5	<5	<5
cis-1,3-Dichloropropene	2019-01	ug/L																
cis-1,3-Dichloropropene	2019-03	ug/L	<5	<5			<5	<5	<5	<5	<5	<5	<5			<5	<5	<5
cis-1,3-Dichloropropene	2019-05	ug/L																
cis-1,3-Dichloropropene	2019-10	ug/L	<5	<5			<5	<5	<5	<5	<5	<5	<5			<5	<5	<5
cis-1,3-Dichloropropene	2020-03	ug/L	<5	<5			<5	<5	<5	<5	<5	<5	<5			<5	<5	<5
cis-1,3-Dichloropropene	2020-09	ug/L	<5	<5			<5	<5	<5	<5	<5	<5	<5			<5	<5	<5
cis-1,3-Dichloropropene	2021-03	ug/L	<5	<5			<5	<5	<5	<5	<5	<5	<5			<5	<5	<5
cis-1,3-Dichloropropene	2021-05	ug/L																
cis-1,3-Dichloropropene	2021-08	ug/L																
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	2021-12	ug/L																
cis-1,3-Dichloropropene	2022-02	ug/L	<5		<5	<5												
cis-1,3-Dichloropropene	2022-04	ug/L	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5			<5	<5	<5
cis-1,3-Dichloropropene	2022-07	ug/L			<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	2023-04	ug/L	<5	<5		<5	<5	<5	<5	<5	<5	<5	<5			<5	<5	<5
cis-1,3-Dichloropropene	2023-05	ug/L			<5													
cis-1,3-Dichloropropene	2023-10	ug/L	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				<5	<5	<5
cis-1,3-Dichloropropene	2024-04	ug/L	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5			<5	<5	<5

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Table 20
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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
cis-1,3-Dichloropropene	2008-09	ug/L																
cis-1,3-Dichloropropene	2008-10	ug/L																
cis-1,3-Dichloropropene	2009-03	ug/L																
cis-1,3-Dichloropropene	2009-06	ug/L																
cis-1,3-Dichloropropene	2009-09	ug/L																
cis-1,3-Dichloropropene	2009-12	ug/L																
cis-1,3-Dichloropropene	2010-03	ug/L																
cis-1,3-Dichloropropene	2010-06	ug/L	~~< 5.00~~	~~< 5.00~~														
cis-1,3-Dichloropropene	2010-08	ug/L	~~< 10.0~~	~~< 10.0~~														
cis-1,3-Dichloropropene	2010-09	ug/L	~~< 10.0~~	~~< 10.0~~														
cis-1,3-Dichloropropene	2010-12	ug/L	~~< 5.00~~	~~< 5.00~~														
cis-1,3-Dichloropropene	2011-03	ug/L	~~< 5.00~~	~~< 5.00~~														
cis-1,3-Dichloropropene	2011-04	ug/L																
cis-1,3-Dichloropropene	2011-06	ug/L																
cis-1,3-Dichloropropene	2011-07	ug/L																
cis-1,3-Dichloropropene	2011-08	ug/L																
cis-1,3-Dichloropropene	2011-09	ug/L	~~< 5.00~~	~~< 5.00~~														
cis-1,3-Dichloropropene	2011-12	ug/L																
cis-1,3-Dichloropropene	2012-03	ug/L	~~< 5.00~~	~~< 5.00~~														
cis-1,3-Dichloropropene	2012-06	ug/L									~~< 5.00~~	~~< 5.00~~		~~< 5.00~~		~~< 5.00~~	~~< 5.00~~	
cis-1,3-Dichloropropene	2012-10	ug/L																
cis-1,3-Dichloropropene	2013-03	ug/L	~~< 5.00~~								~~< 5.00~~							
cis-1,3-Dichloropropene	2013-06	ug/L			~~< 5.00~~													
cis-1,3-Dichloropropene	2013-09	ug/L	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~						~~< 5.00~~							
cis-1,3-Dichloropropene	2013-11	ug/L			~~< 5.00~~													
cis-1,3-Dichloropropene	2014-03	ug/L	~~< 5.00~~		~~< 5.00~~						~~< 5.00~~							
cis-1,3-Dichloropropene	2014-06	ug/L		~~< 5.00~~	~~< 5.00~~													
cis-1,3-Dichloropropene	2014-09	ug/L	~~< 5~~	~~< 5~~	~~< 5~~						~~< 5~~							
cis-1,3-Dichloropropene	2014-12	ug/L																
cis-1,3-Dichloropropene	2015-04	ug/L	< 5.00	< 5.00	< 5.00						< 5							
cis-1,3-Dichloropropene	2015-10	ug/L	<5	<5	<5						<5					<5	<5	
cis-1,3-Dichloropropene	2016-04	ug/L	<5	<5	<5						<5					<5	<5	
cis-1,3-Dichloropropene	2016-10	ug/L	<5	<5	<5						<5					<5	<5	
cis-1,3-Dichloropropene	2017-03	ug/L	<5	<5	<5						<5					<5	<5	
cis-1,3-Dichloropropene	2017-10	ug/L	<5	<5	<5						<5					<5	<5	
cis-1,3-Dichloropropene	2017-12	ug/L			<5													
cis-1,3-Dichloropropene	2018-04	ug/L	<5	<5	<5						<5					<5	<5	
cis-1,3-Dichloropropene	2018-07	ug/L								<5								
cis-1,3-Dichloropropene	2018-10	ug/L	<5	<5	<5					<5	<5					<5	<5	
cis-1,3-Dichloropropene	2019-01	ug/L								<5								
cis-1,3-Dichloropropene	2019-03	ug/L	<5	<5	<5					<5	<5					<5	<5	
cis-1,3-Dichloropropene	2019-05	ug/L		<5						<5								
cis-1,3-Dichloropropene	2019-10	ug/L	<5	<5	<5					<5	<5					<5	<5	
cis-1,3-Dichloropropene	2020-03	ug/L	<5	<5	<5					<5	<5					<5	<5	
cis-1,3-Dichloropropene	2020-09	ug/L	<5	<5	<5					<5	<5					<5	<5	
cis-1,3-Dichloropropene	2021-03	ug/L	<5	<5	<5			<5	<5	<5	<5					<5	<5	
cis-1,3-Dichloropropene	2021-05	ug/L	<5															
cis-1,3-Dichloropropene	2021-08	ug/L						<5	<5									
cis-1,3-Dichloropropene	2021-10	ug/L	<5	<5	<5			<5	<5	<5	<5							
cis-1,3-Dichloropropene	2021-12	ug/L	<5															
cis-1,3-Dichloropropene	2022-02	ug/L						<5	<5									
cis-1,3-Dichloropropene	2022-04	ug/L	<5	<5	<5			<5	<5	<5	<5							
cis-1,3-Dichloropropene	2022-07	ug/L																
cis-1,3-Dichloropropene	2022-10	ug/L	<5	<5	<5			<5	<5	<5	<5							
cis-1,3-Dichloropropene	2023-04	ug/L	<5	<5	<5			<5	<5	<5	<5							
cis-1,3-Dichloropropene	2023-05	ug/L																
cis-1,3-Dichloropropene	2023-10	ug/L	<5	<5	<5			<5	<5	<5	<5							
cis-1,3-Dichloropropene	2024-04	ug/L	<5	<5	<5			<5	<5	<5	<5							

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Table 20
Analytical Data Summary
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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
cis-1,3-Dichloropropene	2024-09	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5			< 5	< 5	< 5
cis-1,3-Dichloropropene	2025-03	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5			< 5	< 5	< 5
cis-1,3-Dichloropropene	2025-08	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5			< 5	< 5	< 5
Cobalt	2008-01	mg/L					< 0.02	< 0.02	0.032	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02			
Cobalt	2008-03	mg/L					< 0.0200	< 0.0200	0.0357	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200			
Cobalt	2008-08	mg/L					< 0.00346	< 0.00346	0.0209	0.0083	< 0.00346	0.00619	0.00728	0.0117	< 0.00346			
Cobalt	2008-09	mg/L					< 0.00346	< 0.00346	0.0207	0.00889	< 0.00346	0.00631	0.0162	0.00861	< 0.00346			
Cobalt	2008-10	mg/L					< 0.00346	0.00444	0.0235	0.00998	< 0.00346	< 0.00346	0.0169	< 0.00346	< 0.00346			
Cobalt	2009-03	mg/L					< 0.00346	< 0.00346	< 0.00346	0.00599	< 0.00346	< 0.00346	0.0101	< 0.00346	< 0.00346			
Cobalt	2009-06	mg/L					0.00283	0.00248	0.0206	0.00984	< 0.00155			< 0.00155				
Cobalt	2009-09	mg/L					0.00169	0.00472	0.0222	0.00822	0.00168	0.00292	0.00344	< 0.00155	< 0.00155			
Cobalt	2009-12	mg/L					0.00272	0.00272	0.0218	0.00585	< 0.00155			0.0039				
Cobalt	2010-03	mg/L					0.00228	0.00269	0.0236	0.00796	0.0025	0.00318	0.00423	0.00349	< 0.00155			
Cobalt	2010-06	mg/L										0.00254				0.0195	0.0143	0.0028
Cobalt	2010-08	mg/L										< 0.0200	< 0.0200			< 0.0200	< 0.0200	< 0.0200
Cobalt	2010-09	mg/L					< 0.0200	0.0028	0.0254	0.0114	< 0.0200	< 0.0200	0.00566	0.00563	< 0.0200	0.0143	0.0143	< 0.0200
Cobalt	2010-12	mg/L										< 0.0200				0.0218	0.0111	< 0.0200
Cobalt	2011-03	mg/L		0.00342			< 0.0200	0.00164	0.0144	0.00522	< 0.0200	< 0.0200	0.00582	< 0.0200	< 0.0200	0.0109	0.01	< 0.0200
Cobalt	2011-06	mg/L		0.0107									0.00517		< 0.0200	0.00948	0.011	
Cobalt	2011-07	mg/L	< 0.0200															
Cobalt	2011-08	mg/L		< 0.0200														
Cobalt	2011-09	mg/L	0.00227	< 0.0200			< 0.0200	0.00762	0.0225	0.0081	< 0.0200	< 0.0200		< 0.0200	< 0.0200	0.0134	0.0113	0.00259
Cobalt	2011-12	mg/L	< 0.0200	0.00284											0.0022	0.00893	0.0098	
Cobalt	2012-03	mg/L	< 0.0200	< 0.0200			0.0078	< 0.0200	0.0063	0.0215	0.00425	< 0.0200	0.00304	< 0.0200	< 0.0200	0.0133	0.0084	0.00329
Cobalt	2012-04	mg/L																
Cobalt	2012-06	mg/L																
Cobalt	2012-10	mg/L	< 0.0200 U	< 0.0200 U			0.00181	0.00972	0.0154	0.0115	< 0.0200			0.00237	< 0.0200 U	< 0.0200 U	< 0.0200 U	< 0.0200 U
Cobalt	2013-03	mg/L	0.00178	0.00635			0.00282	0.0067	0.0228	0.0125	0.00132	< 0.0200		0.00314	< 0.0200	0.0314	0.0128	0.0332
Cobalt	2013-06	mg/L																
Cobalt	2013-09	mg/L	0.00149	< 0.00700			< 0.00700	0.0195	0.00812	0.00285	< 0.00700	< 0.00700		< 0.00700	< 0.00700	0.00726	0.00765	0.00341
Cobalt	2013-11	mg/L																
Cobalt	2014-03	mg/L	0.00263	0.00346			< 0.00700	0.0296	0.016	0.0058	< 0.00700	< 0.00700	< 0.00700	0.00904	< 0.00700	0.0144	0.0138	0.00582
Cobalt	2014-06	mg/L																
Cobalt	2014-09	mg/L	0.00139	< 0.0005			0.00116	0.0124	0.0141	0.00805	0.000258	0.000493	0.000532	0.0035	0.000424	0.00835	0.00996	0.00436
Cobalt	2014-12	mg/L															0.0129	
Cobalt	2015-04	mg/L	0.000834	0.000104			0.000786	0.0152	0.00936	0.00483	0.000211	0.00031	0.0003			0.000268	0.0135	0.00245
Cobalt	2015-10	mg/L	0.00181	<0.02			0.00152	0.0246	0.00931	0.00632	0.000202 J	0.0021				0.013	0.00924	0.00148
Cobalt	2016-04	mg/L	0.0013	0.000099 J			0.000863	0.0067	0.0147	0.00376	0.000281 J	0.000544	0.00052			0.00191	0.0106	0.000578
Cobalt	2016-10	mg/L	0.00234	0.000072 J			0.0018	0.0179	0.00948	0.00392	0.000321 J	0.00365	0.000801			0.0205	0.00745	0.00287
Cobalt	2017-03	mg/L	0.00184	0.00445			0.00186	0.00817	0.0133	0.00296	0.000274 J	0.00171	0.00241			0.0073	0.0093	0.000313 J
Cobalt	2017-06	mg/L	0.00522	0.00421			0.00184	0.00746				0.00198	0.000749					
Cobalt	2017-10	mg/L	0.00208	0.00223			0.00136	0.00987	0.0156	0.00362	0.00024 J	0.00361				0.0136	0.0076	0.000805
Cobalt	2017-12	mg/L					0.00123					0.00235						0.00291
Cobalt	2018-04	mg/L	0.00405	0.00223	0.00115		0.00147	0.00657	0.0198	0.00271	0.000779 e	0.000605	0.00131	0.00169	0.000308 J	0.00941	0.00465	0.00152
Cobalt	2018-07	mg/L											0.000929					
Cobalt	2018-10	mg/L	0.00286	0.000125 J			0.00162	0.00612	0.0172	0.00516	0.000317 J	0.000519	0.00105	0.0023	0.000359 J	0.00583	0.00308	0.00306
Cobalt	2019-01	mg/L																
Cobalt	2019-03	mg/L	0.00218	0.000394 J			0.00258	0.0051	0.0152	0.00556	0.000302	0.000373 J	0.000484 J	0.00182	0.000373 J	0.00124	0.00766	0.000727
Cobalt	2019-05	mg/L																
Cobalt	2019-10	mg/L	0.00175	0.000098 J			0.00193	0.00407	0.0124	0.00265	0.000339 J	0.00184	0.00103	0.00103	0.000293 J	0.00249	0.00546	0.00491
Cobalt	2020-03	mg/L	0.011	0.00784			0.00239	0.00271	0.0145	0.00273	0.000312 J	0.0007	0.00129	0.00453	0.000288 J	0.000422 J	0.007	0.000623
Cobalt	2020-09	mg/L	0.00978	0.00124			0.00357	0.00362	0.0154	0.00351	0.000357 J	0.0177	0.00768	0.000972	0.000235 J	0.0024	0.0064	0.00178
Cobalt	2020-11	mg/L	0.0198															
Cobalt	2020-12	mg/L	0.00607															
Cobalt	2021-03	mg/L	0.00731	0.00529			0.00143	0.00338	0.0149	0.00494	0.000335 J	0.000756	0.0289	0.000842	0.000302 J	0.000204 J	0.0048	0.000179 J
Cobalt	2021-05	mg/L																
Cobalt	2021-08	mg/L																
Cobalt	2021-10	mg/L	0.00448	0.000312 J	0.00072		0.00467	0.00591	0.0129	0.00567	0.000581	0.00965	0.00858	0.001	0.000826	0.00416	0.0091	0.000323 J

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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
cis-1,3-Dichloropropene	2024-09	ug/L	< 5	< 5	< 5			< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
cis-1,3-Dichloropropene	2025-03	ug/L	< 5	< 5	< 5			< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
cis-1,3-Dichloropropene	2025-08	ug/L	< 5	< 5	< 5			< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Cobalt	2008-01	mg/L																
Cobalt	2008-03	mg/L																
Cobalt	2008-08	mg/L																
Cobalt	2008-09	mg/L																
Cobalt	2008-10	mg/L																
Cobalt	2009-03	mg/L																
Cobalt	2009-06	mg/L																
Cobalt	2009-09	mg/L																
Cobalt	2009-12	mg/L																
Cobalt	2010-03	mg/L																
Cobalt	2010-06	mg/L	**~~0.00903~~**	~~< 0.0200~~														
Cobalt	2010-08	mg/L	~~< 0.0200~~	~~< 0.0200~~														
Cobalt	2010-09	mg/L	**~~0.00555~~**	~~< 0.0200~~														
Cobalt	2010-12	mg/L	**~~0.00539~~**	~~< 0.0200~~														
Cobalt	2011-03	mg/L	**~~0.0047~~**	**~~0.00199~~**														
Cobalt	2011-06	mg/L																
Cobalt	2011-07	mg/L																
Cobalt	2011-08	mg/L																
Cobalt	2011-09	mg/L	**~~0.00742~~**	**~~0.00425~~**														
Cobalt	2011-12	mg/L																
Cobalt	2012-03	mg/L	**~~0.0034~~**	~~< 0.0200~~														
Cobalt	2012-04	mg/L									**~~0.0869~~**	**~~0.00329~~**		**~~0.00345~~**		**~~0.0617~~**	**~~0.0476~~**	
Cobalt	2012-06	mg/L									**~~0.0371~~**	**~~0.00287~~**		~~< 0.0200~~		**~~0.0666~~**	**~~0.0247~~**	
Cobalt	2012-10	mg/L									**~~0.00189~~**			**~~0.00378~~**		**~~0.00791~~**	**~~0.0381~~**	
Cobalt	2013-03	mg/L	**~~0.00367~~**								**~~0.0332~~**					**~~0.0841~~**	~~< 0.0200~~	
Cobalt	2013-06	mg/L			**~~0.0101~~**													
Cobalt	2013-09	mg/L	**~~0.0141~~**	~~< 0.00700~~	**~~0.0263~~**						**~~0.0204~~**					**~~0.0575~~**	~~< 0.00700~~	
Cobalt	2013-11	mg/L			**~~0.0175~~**													
Cobalt	2014-03	mg/L	~~< 0.00700~~		**~~0.0116~~**						**~~0.00619~~**					**~~0.0465~~**	**~~0.0034~~**	
Cobalt	2014-06	mg/L		~~< 0.00700~~	**~~0.00594~~**													
Cobalt	2014-09	mg/L	**~~0.000806~~**	~~< 0.0005~~	**~~0.00557~~**						**~~0.00276~~**					**~~0.00432~~**	**~~0.00108~~**	
Cobalt	2014-12	mg/L																
Cobalt	2015-04	mg/L	**0.000701**	**0.00006**	**~~0.00373 o~~**						**0.000868**					< 0.000500	**0.000082**	
Cobalt	2015-10	mg/L	**0.000798**	<0.02	**~~0.00468 o~~**						**0.000493 J**					<0.02	**0.000062 J**	
Cobalt	2016-04	mg/L	**0.000251 J**	**0.000052 J**	**0.00144**						**0.000161 J**					**0.000039 J**	**0.000059 J**	
Cobalt	2016-10	mg/L	**0.00253**	**0.00108**	**~~0.00726 o~~**						**0.000114 J**					**0.000252 J**	**0.000104 J**	
Cobalt	2017-03	mg/L	**0.000872**	<0.0005	**0.00186**						**0.000285 J**					<0.0005	<0.0005	
Cobalt	2017-06	mg/L	**0.0002 J**		**0.0015**													
Cobalt	2017-10	mg/L	**0.00029 J**	**0.000065 J**	**0.00146**						**0.000104 J**					**0.000048 J**	**0.000091 J**	
Cobalt	2017-12	mg/L			**0.00144**													
Cobalt	2018-04	mg/L	**0.000384 J**	**0.000093 J**	**0.00139**	**0.00238**	**0.000954**				**0.000198 J**					<0.0005	**0.000094 J**	0.00176
Cobalt	2018-07	mg/L								**0.00117**								
Cobalt	2018-10	mg/L	**0.000318 J**	**0.00976**	**0.00217**	**0.00293**				**0.000186 J**	**0.000407 J**					<0.0005	**0.000063 J**	
Cobalt	2019-01	mg/L		**0.00206**						**0.000123 J**								
Cobalt	2019-03	mg/L	**0.000284 J**	**0.00206**	**0.002**	**0.00127**	**0.00187**			<0.0005	**0.000124**					<0.0005	<0.0005	
Cobalt	2019-05	mg/L		**0.0029**						**0.000572 J**								
Cobalt	2019-10	mg/L	**0.000185 J**	**0.00207**	**0.00179**	**0.00234**	**0.000689**			<0.0005	**0.000131 J**					**0.000134 J**	**0.000157 J**	
Cobalt	2020-03	mg/L	**0.00021 J**	**0.00229**	**0.00194**	**0.00168**	**0.00455**			<0.0005	<0.0005					<0.0005	<0.0005	
Cobalt	2020-09	mg/L	**0.000247 J**	**0.00855**	**0.00179**	**0.00245**	**0.00125**			<0.0005	<0.0005					<0.0005	<0.0005	
Cobalt	2020-11	mg/L																
Cobalt	2020-12	mg/L																
Cobalt	2021-03	mg/L	**0.0156**	**0.0106**	**0.00183**	**0.00197**	**0.00151**	**0.0053**	**0.00281**	**0.000237 J**	<0.0005					<0.0005	<0.0005	
Cobalt	2021-05	mg/L	**0.018**															
Cobalt	2021-08	mg/L						**0.00424**	**0.00119**									
Cobalt	2021-10	mg/L	**0.0096**	**0.00682**	**0.00165**	**0.00194**	**0.000887**	**0.00363**	**0.00247**	**0.00049 J**	**~~0.00288~~**							

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
Cobalt	2021-12	mg/L																
Cobalt	2022-02	mg/L	0.00228		0.00032 J	0.0013												
Cobalt	2022-04	mg/L	0.00267	0.0129	0.000342 J	0.00123	0.000701	0.00446	0.00707	0.00344	0.000492 J	0.000481 J	0.0292	0.000939	0.000458 J	<0.0005	0.0045	<0.0005
Cobalt	2022-07	mg/L			0.000416 J	0.0012												
Cobalt	2022-10	mg/L	0.00246	0.00545	0.000298 J	0.00079	0.00365	0.00496	0.015	0.00515	0.000438 J	0.00643		0.00078	0.000579	0.00525	0.00498	0.00132
Cobalt	2023-04	mg/L	0.00206	0.00975		0.000769	0.00351	0.00255	0.0156	0.00339	0.000481 J	0.00104	0.0994	0.00181	0.000562	0.000241 J	0.00273	0.000238 J
Cobalt	2023-05	mg/L			0.000282 J													
Cobalt	2023-06	mg/L																
Cobalt	2023-10	mg/L	0.002	0.00179	<0.0005	0.000645	0.0033	0.0071	0.019	0.00562	0.000401 J	0.00278		0.00137	0.000645	0.0202	0.00517	<0.0005
Cobalt	2024-04	mg/L	0.00289	0.00931	<0.0005	0.000484 J	0.00206	0.00346	0.00852	0.0018	0.000278 J	0.000376 J	0.113	0.00495	0.0258	<0.0005	0.00424	<0.0005
Cobalt	2024-05	mg/L																
Cobalt	2024-09	mg/L	0.00205	< 0.0005	< 0.0005	0.000427 J	0.00306	0.00709	0.0154	0.00422	0.000335 J	0.00119	0.0731	0.000635	0.00074	0.00288	0.0059	0.000333 J
Cobalt	2025-03	mg/L	0.00231	0.00619	< 0.0005	0.000496 J	0.00154	0.00506	0.011	0.00237	0.000341 J	0.000217 J	0.0612	0.000724	0.00274	< 0.0005	0.00494	< 0.0005
Cobalt	2025-08	mg/L	0.00321	< 0.0005	< 0.0005	0.000378 J	0.00418	0.0036	0.0183	0.00204	0.00037 J	0.000332 J	0.0418	0.000692	0.00035 J	0.000389 J	0.0066	0.000464 J
Copper	2008-01	mg/L					~~< 0.02~~	~~< 0.02~~	~~< 0.0200~~	~~< 0.02~~	~~< 0.02~~	~~0.0234~~	~~< 0.02~~	~~0.0269~~	~~< 0.02~~			
Copper	2008-03	mg/L					~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~			
Copper	2008-08	mg/L					~~< 0.02~~	~~< 0.02~~	~~< 0.02~~	~~< 0.02~~	~~< 0.02~~	~~< 0.02~~	~~< 0.02~~	~~< 0.02~~	~~< 0.02~~			
Copper	2008-09	mg/L					~~< 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~~	~~< 0.02~~	~~< 0.02~~			
Copper	2009-03	mg/L					~~< 0.02~~	~~< 0.02~~	~~< 0.02~~	~~< 0.02~~	~~< 0.02~~	~~< 0.02~~	~~< 0.02~~	~~< 0.02~~	~~< 0.02~~			
Copper	2009-06	mg/L					~~< 0.0200~~	~~< 0.02~~	~~< 0.02~~	~~< 0.0200~~	~~< 0.02~~			~~< 0.0200~~				
Copper	2009-09	mg/L					~~< 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~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~			~~< 0.0200~~				
Copper	2010-03	mg/L					~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~			
Copper	2010-06	mg/L										~~< 0.0200~~				~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~
Copper	2010-08	mg/L										~~< 0.0200~~	~~< 0.0200~~			~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~
Copper	2010-09	mg/L					~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~
Copper	2010-12	mg/L										~~< 0.0200~~				~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~
Copper	2011-03	mg/L		~~< 0.0200~~			~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~
Copper	2011-06	mg/L		~~< 0.0200~~									~~< 0.0200~~		~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	
Copper	2011-07	mg/L	~~< 0.0200~~															
Copper	2011-08	mg/L		~~< 0.0200~~														
Copper	2011-09	mg/L	~~< 0.0200~~	~~< 0.0200~~			~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~		~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~
Copper	2011-12	mg/L	~~< 0.0200~~	~~< 0.0200~~											~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	
Copper	2012-03	mg/L	~~< 0.0200~~	~~< 0.0200~~			~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~0.0347~~
Copper	2012-04	mg/L																
Copper	2012-06	mg/L																
Copper	2012-10	mg/L	~~< 0.0200~~	~~< 0.0200~~			~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~			~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~
Copper	2013-03	mg/L	~~< 0.0200~~	~~< 0.0200~~			~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~		~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~0.0326~~
Copper	2013-06	mg/L																
Copper	2013-09	mg/L	~~< 0.0200~~	~~< 0.0200~~			~~< 0.0200~~	~~0.0018~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~		~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~0.00176~~
Copper	2013-11	mg/L																
Copper	2014-03	mg/L	~~< 0.0200~~	~~< 0.0200~~			~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~0.0048~~	~~< 0.0200~~	~~0.00945~~
Copper	2014-06	mg/L																
Copper	2014-09	mg/L	~~< 0.002~~	~~< 0.002~~			~~< 0.00200~~	~~0.000947~~	~~0.000495~~	~~< 0.00200~~	~~< 0.002~~	~~< 0.002~~	~~< 0.002~~	~~< 0.00200~~	~~< 0.00200~~	~~0.00108~~	~~< 0.00200~~	~~0.00363~~
Copper	2014-12	mg/L															~~< 0.00200~~	
Copper	2015-04	mg/L	< 0.00200	< 0.002			~~< 0.002 o~~	0.00085	< 0.002	< 0.002	< 0.002	0.00124	< 0.00200			0.00186	< 0.002	0.00207
Copper	2015-10	mg/L	0.000748 J	0.000705 J			<0.02	0.000774 J	0.00198 J	<0.02	0.0005 J	0.00369				0.000592 J	<0.02	0.00222
Copper	2016-04	mg/L	<0.005	<0.005			<0.005	<0.005	<0.005	<0.005	~~0.0128 o~~	0.00211 J	<0.005			<0.005	<0.005	<0.005
Copper	2016-10	mg/L	<0.005	<0.005			<0.005	<0.005	<0.005	<0.005	<0.005	0.00124 J	<0.005			<0.005	~~0.00297 Jo~~	<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	<0.005
Copper	2017-10	mg/L	<0.005	<0.005			<0.005	<0.005	<0.005	<0.005	<0.005	<0.005				<0.005	~~0.00329 Jo~~	<0.005
Copper	2017-12	mg/L					<0.005					<0.005						0.00257 J
Copper	2018-04	mg/L	<0.005	0.00227 J	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005			<0.005	<0.005	<0.005
Copper	2018-07	mg/L											<0.005					
Copper	2018-10	mg/L	<0.005	<0.005			<0.005	<0.005	<0.005	~~0.0704 o~~	~~0.0103 o~~	0.00232 J	<0.005			<0.005	<0.005	0.00176 J
Copper	2019-01	mg/L																
Copper	2019-03	mg/L	<0.005	<0.005			<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005			0.00214 J	<0.005	<0.005

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Table 20
Analytical Data Summary
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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
Cobalt	2021-12	mg/L	0.0243															
Cobalt	2022-02	mg/L						0.0055	0.00203									
Cobalt	2022-04	mg/L	0.00428	0.0101	0.00178	0.00216	0.00181	0.00533	0.000587	0.0019	<0.0005							
Cobalt	2022-07	mg/L																
Cobalt	2022-10	mg/L	0.0332	0.00453	0.00209	0.00189	0.000752	0.00412	0.000395 J	0.000344 J	~~0.00184~~							
Cobalt	2023-04	mg/L	0.014	0.00896	0.00181	0.00203	0.00232	0.0101	0.000582	0.000296 J	~~0.00129~~							
Cobalt	2023-05	mg/L																
Cobalt	2023-06	mg/L	0.00743															
Cobalt	2023-10	mg/L	0.0539	0.00283	0.00249	0.0019	0.000793	~~0.00606~~	0.00158	0.00243	0.000251 J							
Cobalt	2024-04	mg/L	0.000204 J	0.00392	0.00162	0.00223	0.00594	~~0.127~~	0.000742	0.000891	0.00036 J							
Cobalt	2024-05	mg/L		0.00983				~~0.0525~~				0.000966	0.012	0.00631	<0.0005			<0.0005
Cobalt	2024-09	mg/L	0.000182 J	0.0068	0.0017	0.00158	0.00263	0.0131	0.000233 J	0.000224 J	0.000271 J	0.00176	0.012	0.00847	< 0.0005	< 0.0005	< 0.0005	0.000174 J
Cobalt	2025-03	mg/L	0.00366	0.00885	0.00161	0.0016	0.00763	0.0123	< 0.0005	0.000667	0.000273 J	0.000812	0.013	0.00956	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Cobalt	2025-08	mg/L	0.00308	0.00446	0.00138	0.00223	0.00234	0.00724	< 0.0005	< 0.0005	0.000966	0.00155	0.0106	0.0102	0.000211 J	< 0.0005	< 0.0005	< 0.0005
Copper	2008-01	mg/L																
Copper	2008-03	mg/L																
Copper	2008-08	mg/L																
Copper	2008-09	mg/L																
Copper	2008-10	mg/L																
Copper	2009-03	mg/L																
Copper	2009-06	mg/L																
Copper	2009-09	mg/L																
Copper	2009-12	mg/L																
Copper	2010-03	mg/L																
Copper	2010-06	mg/L	~~< 0.0200~~	~~< 0.0200~~														
Copper	2010-08	mg/L	~~< 0.0200~~	~~< 0.0200~~														
Copper	2010-09	mg/L	~~< 0.0200~~	~~< 0.0200~~														
Copper	2010-12	mg/L	~~< 0.0200~~	~~< 0.0200~~														
Copper	2011-03	mg/L	~~< 0.0200~~	~~< 0.0200~~														
Copper	2011-06	mg/L																
Copper	2011-07	mg/L																
Copper	2011-08	mg/L																
Copper	2011-09	mg/L	~~< 0.0200~~	~~< 0.0200~~														
Copper	2011-12	mg/L																
Copper	2012-03	mg/L	~~< 0.0200~~	~~< 0.0200~~														
Copper	2012-04	mg/L									~~0.0627~~	~~< 0.0200~~		~~< 0.0200~~		~~0.0492~~	~~0.11~~	
Copper	2012-06	mg/L									~~< 0.0400~~	~~< 0.0200~~		~~< 0.0200~~		~~0.037~~	~~0.0628~~	
Copper	2012-10	mg/L									~~< 0.0200~~			~~< 0.0200~~		~~< 0.0200~~	~~0.0333~~	
Copper	2013-03	mg/L	~~0.00187~~								~~0.0202~~					~~0.0452~~	~~0.00326~~	
Copper	2013-06	mg/L			~~< 0.0200~~													
Copper	2013-09	mg/L	~~0.0118~~	~~< 0.0200~~	~~0.0231~~						~~0.0341~~					~~0.0433~~	~~< 0.0200~~	
Copper	2013-11	mg/L			~~0.018~~													
Copper	2014-03	mg/L	~~< 0.0200~~		~~0.00985~~						~~0.0175~~					~~0.0288~~	~~0.00513~~	
Copper	2014-06	mg/L		~~< 0.0200~~	~~0.00433~~													
Copper	2014-09	mg/L	~~< 0.002~~	~~< 0.002~~	~~0.00431~~						~~0.00842~~					~~0.00453~~	~~0.00287~~	
Copper	2014-12	mg/L																
Copper	2015-04	mg/L	< 0.00200	< 0.00200	< 0.00200						0.00218					0.000549	< 0.00200	
Copper	2015-10	mg/L	0.0005 J	<0.02	<0.02						~~<0.02~~					<0.02	<0.02	
Copper	2016-04	mg/L	<0.005	<0.005	<0.005						<0.005					<0.005	<0.005	
Copper	2016-10	mg/L	<0.005	0.00225 J	<0.005						<0.005					<0.005	<0.005	
Copper	2017-03	mg/L	<0.005	<0.005	<0.005						<0.005					<0.005	<0.005	
Copper	2017-10	mg/L	<0.005	<0.005	<0.005						<0.005					<0.005	<0.005	
Copper	2017-12	mg/L			<0.005													
Copper	2018-04	mg/L	<0.005	<0.005	<0.005						0.00277 J					<0.005	<0.005	
Copper	2018-07	mg/L								<0.005								
Copper	2018-10	mg/L	<0.005	<0.005	<0.005					<0.005	0.00322 J					<0.005	<0.005	
Copper	2019-01	mg/L								<0.005								
Copper	2019-03	mg/L	<0.005	<0.005	<0.005					<0.005	<0.005					<0.005	<0.005	

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Table 20
Analytical Data Summary
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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
Copper	2019-05	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	**0.00378 J**
Copper	2020-03	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	2020-09	mg/L	**0.00201 J**	<0.005			**0.00213 J**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005			**0.00275 J**	<0.005	**0.00206 J**
Copper	2020-11	mg/L	**0.00813**															
Copper	2020-12	mg/L	<0.005															
Copper	2021-03	mg/L	<0.005	<0.005			**0.00259 J**	<0.005	<0.005	<0.005	<0.005	**0.00181 J**	**0.00147 J**			**0.00165 J**	<0.005	<0.005
Copper	2021-05	mg/L																
Copper	2021-08	mg/L																
Copper	2021-10	mg/L	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	<0.005	**0.00254 J**	**0.00276 J**	<0.005			<0.005	<0.005	<0.005
Copper	2021-12	mg/L																
Copper	2022-02	mg/L	<0.005		<0.005	<0.005												
Copper	2022-04	mg/L	<0.005	<0.005	<0.005	<0.005	**0.00284 J**	<0.005	<0.005	<0.005	**0.00218 J**	**0.00352 J**	**0.00412 J**			<0.005	<0.005	<0.005
Copper	2022-07	mg/L			<0.005	<0.005												
Copper	2022-10	mg/L	<0.005	**0.00319 J**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	**0.00315 J**				<0.005	<0.005	<0.005
Copper	2023-04	mg/L	**0.00186 J**	<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	2023-05	mg/L			**0.00184 J**													
Copper	2023-10	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	**0.00197 J**	<0.005	<0.005	<0.005	**0.00316 J**				<0.005	**0.00189 J**	<0.005
Copper	2024-04	mg/L	<0.005	<0.005	<0.005	<0.005	**0.00248 J**	**0.00198 J**	<0.005	<0.005	<0.005	**0.00415 J**	<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	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	**0.00199 J**	< 0.005			**0.00197 J**	< 0.005	< 0.005
Copper	2025-03	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	**0.00243 J**	< 0.005	< 0.005	< 0.005	< 0.005	**0.00308 J**	< 0.005			< 0.005	< 0.005	< 0.005
Copper	2025-08	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	**0.00388 J**	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005			< 0.005	< 0.005	< 0.005
Cyanide	2009-03	mg/L						~~< 0.01~~	~~< 0.01~~	~~< 0.01~~								
Cyanide	2009-06	mg/L					~~< 0.0100~~	~~< 0.01~~	~~< 0.01~~	~~< 0.0100~~	~~< 0.01~~			~~< 0.0100~~				
Cyanide	2009-09	mg/L					~~< 0.0100~~	~~< 0.0100~~	~~< 0.0100~~	~~< 0.0100~~	~~< 0.0100~~			~~< 0.0100~~				
Cyanide	2009-12	mg/L					~~< 0.0100~~	~~< 0.0100~~	~~< 0.0100~~	~~< 0.0100~~	~~< 0.0100~~			~~< 0.0100~~				
Cyanide	2010-03	mg/L					~~< 0.0100~~				~~< 0.0100~~			~~< 0.0100~~				
Cyanide	2010-06	mg/L										~~< 0.0100~~						
Cyanide	2010-08	mg/L										~~< 0.0100~~	~~< 0.0100~~					
Cyanide	2010-09	mg/L					~~< 0.0100~~	~~< 0.0100~~	~~< 0.0100~~	~~< 0.0100~~	~~< 0.0100~~	~~< 0.0100~~	~~< 0.0100~~	~~< 0.0100~~				
Cyanide	2010-12	mg/L										~~< 0.0100~~						
Cyanide	2011-03	mg/L											~~< 0.0100~~		~~< 0.0100~~			
Cyanide	2011-06	mg/L											~~< 0.0100~~		~~< 0.0100~~	~~< 0.0100~~	~~< 0.0100~~	
Cyanide	2011-09	mg/L					~~< 0.0100~~	~~< 0.0100~~	~~< 0.0100~~	~~< 0.0100~~	~~< 0.0100~~	~~< 0.0100~~		~~< 0.0100~~	~~< 0.0100~~	~~< 0.0100~~	~~< 0.0100~~	
Cyanide	2011-12	mg/L													~~< 0.0100~~	~~< 0.0100~~	~~< 0.0100~~	
Cyanide	2012-03	mg/L														~~< 0.0100~~	~~< 0.0100~~	
Cyanide	2014-12	mg/L															~~< 0.0100~~	
Cyanide	2016-10	mg/L							<0.01	**0.00508 J**	<0.01					<0.01	<0.01	
Cyanide	2017-10	mg/L						<0.01										
Cyanide	2017-12	mg/L					<0.01					<0.01						<0.01
Cyanide	2018-07	mg/L											<0.01					
Cyanide	2018-10	mg/L											<0.01					
Cyanide	2019-05	mg/L																
Cyanide	2021-10	mg/L							<0.01	<0.01	<0.01					<0.01	<0.01	
Cyanide	2021-12	mg/L																
Cyanide	2022-10	mg/L					<0.01	<0.01				<0.01						<0.01
Cyanide	2024-04	mg/L											<0.01					
delta-BHC	2009-03	ug/L						~~< 0.032~~	~~< 0.032~~	~~< 0.032~~								
delta-BHC	2009-06	ug/L					~~< 0.0320~~	~~< 0.032~~	~~< 0.032~~	~~< 0.0320~~	~~< 0.032~~			~~< 0.0320~~				
delta-BHC	2009-09	ug/L					~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~			~~< 0.0320~~				
delta-BHC	2009-12	ug/L					~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	**0.0405**			~~< 0.0320~~				
delta-BHC	2010-03	ug/L					~~< 0.0320~~				~~< 0.0320~~			~~< 0.0320~~				
delta-BHC	2010-06	ug/L										~~< 0.0320~~						
delta-BHC	2010-08	ug/L										~~< 0.0320~~	~~< 0.0320~~					
delta-BHC	2010-09	ug/L					~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~				
delta-BHC	2010-12	ug/L										~~< 0.0320~~						
delta-BHC	2011-03	ug/L						~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~			

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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
Copper	2019-05	mg/L		**0.000648 J**						~~<0.002 o~~								
Copper	2019-10	mg/L	<0.005	<0.005	<0.005					<0.005	**0.00272 J**					<0.005	<0.005	
Copper	2020-03	mg/L	<0.005	<0.005	<0.005					~~**0.00386 Jo**~~	<0.005					<0.005	<0.005	
Copper	2020-09	mg/L	<0.005	<0.005	<0.005					<0.005	<0.005					<0.005	<0.005	
Copper	2020-11	mg/L																
Copper	2020-12	mg/L																
Copper	2021-03	mg/L	**0.00142 J**	<0.005	<0.005			<0.005	**0.00725**	<0.005	**0.00183 J**					<0.005	<0.005	
Copper	2021-05	mg/L	<0.005															
Copper	2021-08	mg/L						<0.005	**0.00539**									
Copper	2021-10	mg/L	<0.005	<0.005	<0.005			<0.005	**0.0129**	<0.005	~~**0.00792**~~							
Copper	2021-12	mg/L	<0.005															
Copper	2022-02	mg/L						**0.00186 J**	**0.0096**									
Copper	2022-04	mg/L	<0.035	<0.005	<0.005			<0.005	<0.005	<0.005	<0.005							
Copper	2022-07	mg/L																
Copper	2022-10	mg/L	<0.005	<0.005	<0.005			<0.005	<0.005	<0.005	~~**0.00538**~~							
Copper	2023-04	mg/L	**0.00192 J**	<0.005	<0.005			<0.005	**0.00191 J**	<0.005	~~**0.00287 J**~~							
Copper	2023-05	mg/L																
Copper	2023-10	mg/L	<0.005	<0.005	<0.005			~~**0.00263 Jo**~~	**0.00439 J**	<0.005	**0.00195 J**							
Copper	2024-04	mg/L	<0.005	<0.005	<0.005			**0.00447 J**	<0.005	<0.005	**0.00197 J**							
Copper	2024-05	mg/L						**0.00289 J**				<0.005	**0.00202 J**	<0.005	<0.005			<0.005
Copper	2024-09	mg/L	< 0.005	< 0.005	< 0.005			< 0.005	< 0.005	< 0.005	< 0.005	**0.00203 J**	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Copper	2025-03	mg/L	**0.00336 J**	< 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	2025-08	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	< 0.005	< 0.005
Cyanide	2009-03	mg/L																
Cyanide	2009-06	mg/L																
Cyanide	2009-09	mg/L																
Cyanide	2009-12	mg/L																
Cyanide	2010-03	mg/L																
Cyanide	2010-06	mg/L																
Cyanide	2010-08	mg/L																
Cyanide	2010-09	mg/L																
Cyanide	2010-12	mg/L																
Cyanide	2011-03	mg/L																
Cyanide	2011-06	mg/L																
Cyanide	2011-09	mg/L																
Cyanide	2011-12	mg/L																
Cyanide	2012-03	mg/L																
Cyanide	2014-12	mg/L																
Cyanide	2016-10	mg/L									<0.01					<0.01	<0.01	
Cyanide	2017-10	mg/L																
Cyanide	2017-12	mg/L			<0.01													
Cyanide	2018-07	mg/L								<0.01								
Cyanide	2018-10	mg/L								<0.01								
Cyanide	2019-05	mg/L		<0.01														
Cyanide	2021-10	mg/L																
Cyanide	2021-12	mg/L	**0.0061 J**															
Cyanide	2022-10	mg/L			<0.01													
Cyanide	2024-04	mg/L		<0.01														
delta-BHC	2009-03	ug/L																
delta-BHC	2009-06	ug/L																
delta-BHC	2009-09	ug/L																
delta-BHC	2009-12	ug/L																
delta-BHC	2010-03	ug/L																
delta-BHC	2010-06	ug/L																
delta-BHC	2010-08	ug/L																
delta-BHC	2010-09	ug/L																
delta-BHC	2010-12	ug/L																
delta-BHC	2011-03	ug/L																

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
delta-BHC	2011-06	ug/L											< 0.0320		< 0.0320	< 0.0392	< 0.0320	
delta-BHC	2011-09	ug/L					< 0.0320	< 0.0320	< 0.0320	< 0.0320	< 0.0320	< 0.0320		< 0.0320	< 0.0320	< 0.0320	< 0.0320	
delta-BHC	2011-12	ug/L													< 0.0320	< 0.0320	< 0.0320	
delta-BHC	2012-03	ug/L									< 0.0320					< 0.0320	< 0.0320	
delta-BHC	2012-10	ug/L									< 0.0320							
delta-BHC	2013-03	ug/L									**0.00622**							
delta-BHC	2013-09	ug/L									**0.0089**							
delta-BHC	2014-03	ug/L									**0.0108**							
delta-BHC	2014-09	ug/L								**0.0125**	< 0.0348							
delta-BHC	2014-12	ug/L															**0.005**	
delta-BHC	2015-04	ug/L									**0.00651**							
delta-BHC	2015-10	ug/L									<0.032							
delta-BHC	2016-10	ug/L							**0.00247 J**	<0.032	<0.0344					**0.00494 J**	<0.033	
delta-BHC	2017-03	ug/L									<0.16							
delta-BHC	2017-10	ug/L						**0.00587 J**			<0.0327							
delta-BHC	2017-12	ug/L					<0.0333					<0.0333						<0.0333
delta-BHC	2018-04	ug/L									<0.0344							
delta-BHC	2018-07	ug/L											**0.00313 J**					
delta-BHC	2018-10	ug/L									**0.0241 J**		<0.033					
delta-BHC	2019-03	ug/L									**0.0091**							
delta-BHC	2019-05	ug/L																
delta-BHC	2019-10	ug/L																
delta-BHC	2020-03	ug/L									<0.033							
delta-BHC	2020-09	ug/L									**0.00763 J**							
delta-BHC	2021-03	ug/L									<0.0337							
delta-BHC	2021-10	ug/L							<0.0337	**0.0254 J**	<0.0337					<0.0337	<0.0337	
delta-BHC	2021-12	ug/L																
delta-BHC	2022-10	ug/L					<0.0542	<0.0561				<0.0542						<0.0582
delta-BHC	2023-04	ug/L									<0.064							
delta-BHC	2024-04	ug/L											<0.064					
Diallate	2009-03	ug/L						< 10	< 10	< 10								
Diallate	2009-06	ug/L					< 10.0	< 10	< 10	< 10.0	< 10			< 10.0				
Diallate	2009-09	ug/L					< 10.0	< 10.0	< 10.0	< 10.0	< 10.0			< 10.0				
Diallate	2009-12	ug/L					< 10.0	< 10.0	< 10.0	< 10.0	< 10.0			< 10.0				
Diallate	2010-03	ug/L					< 10.0				< 10.0			< 10.0				
Diallate	2010-06	ug/L										< 10.0						
Diallate	2010-08	ug/L										< 10.0	< 10.0					
Diallate	2010-09	ug/L					< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0				
Diallate	2010-12	ug/L										< 10.0						
Diallate	2011-03	ug/L											< 10.0		< 10.0			
Diallate	2011-06	ug/L											< 10.0		< 10.0	< 10.0	< 10.0	
Diallate	2011-09	ug/L					< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	
Diallate	2011-12	ug/L													< 10.0	< 10.0	< 10.0	
Diallate	2012-03	ug/L														< 10.0	< 10.0	
Diallate	2014-12	ug/L															< 10.2	
Diallate	2016-10	ug/L							<10	<10	<10.9					<11.2	<11.1	
Diallate	2017-10	ug/L						<10.5										
Diallate	2017-12	ug/L					<10.6					<10.4						<10.4
Diallate	2018-07	ug/L											<10.4					
Diallate	2018-10	ug/L											<10.4					
Diallate	2019-05	ug/L																
Diallate	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
Diallate	2021-12	ug/L																
Diallate	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
Diallate	2024-04	ug/L											<10.6					
Dibenzo(a,h)anthracene	2009-03	ug/L						< 10	< 10	< 10								
Dibenzo(a,h)anthracene	2009-06	ug/L					< 10.0	< 10	< 10	< 10.0	< 10			< 10.0				
Dibenzo(a,h)anthracene	2009-09	ug/L					< 10.0	< 10.0	< 10.0	< 10.0	< 10.0			< 10.0				

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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
delta-BHC	2011-06	ug/L																
delta-BHC	2011-09	ug/L																
delta-BHC	2011-12	ug/L																
delta-BHC	2012-03	ug/L																
delta-BHC	2012-10	ug/L																
delta-BHC	2013-03	ug/L									~~< 0.0330~~							
delta-BHC	2013-09	ug/L									~~< 0.0330~~							
delta-BHC	2014-03	ug/L									~~< 0.0344~~							
delta-BHC	2014-09	ug/L									~~< 0.032~~							
delta-BHC	2014-12	ug/L																
delta-BHC	2015-04	ug/L									< 0.033							
delta-BHC	2015-10	ug/L									<0.032					<0.032	<0.032	
delta-BHC	2016-10	ug/L									<0.0333					<0.0333	<0.0333	
delta-BHC	2017-03	ug/L									<0.032					<0.0323	<0.032	
delta-BHC	2017-10	ug/L									<0.0333					<0.0323	<0.0327	
delta-BHC	2017-12	ug/L			<0.0333													
delta-BHC	2018-04	ug/L																
delta-BHC	2018-07	ug/L								<0.0323								
delta-BHC	2018-10	ug/L								<0.033								
delta-BHC	2019-03	ug/L																
delta-BHC	2019-05	ug/L		<0.0327														
delta-BHC	2019-10	ug/L																
delta-BHC	2020-03	ug/L																
delta-BHC	2020-09	ug/L																
delta-BHC	2021-03	ug/L																
delta-BHC	2021-10	ug/L																
delta-BHC	2021-12	ug/L	**0.0241 J**															
delta-BHC	2022-10	ug/L			<0.0542													
delta-BHC	2023-04	ug/L	<0.064															
delta-BHC	2024-04	ug/L		<0.064														
Diallate	2009-03	ug/L																
Diallate	2009-06	ug/L																
Diallate	2009-09	ug/L																
Diallate	2009-12	ug/L																
Diallate	2010-03	ug/L																
Diallate	2010-06	ug/L																
Diallate	2010-08	ug/L																
Diallate	2010-09	ug/L																
Diallate	2010-12	ug/L																
Diallate	2011-03	ug/L																
Diallate	2011-06	ug/L																
Diallate	2011-09	ug/L																
Diallate	2011-12	ug/L																
Diallate	2012-03	ug/L																
Diallate	2014-12	ug/L																
Diallate	2016-10	ug/L									<10.4					<10.3	<10.2	
Diallate	2017-10	ug/L																
Diallate	2017-12	ug/L			<10.4													
Diallate	2018-07	ug/L								<10.1								
Diallate	2018-10	ug/L								<10.3								
Diallate	2019-05	ug/L		<10.1														
Diallate	2021-10	ug/L																
Diallate	2021-12	ug/L	<10.5															
Diallate	2022-10	ug/L			<8.77													
Diallate	2024-04	ug/L		<10.2														
Dibenzo(a,h)anthracene	2009-03	ug/L																
Dibenzo(a,h)anthracene	2009-06	ug/L																
Dibenzo(a,h)anthracene	2009-09	ug/L																

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
Dibenzo(a,h)anthracene	2009-12	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
Dibenzo(a,h)anthracene	2010-03	ug/L					~~< 10.0~~				~~< 10.0~~			~~< 10.0~~				
Dibenzo(a,h)anthracene	2010-06	ug/L										~~< 10.0~~						
Dibenzo(a,h)anthracene	2010-08	ug/L										~~< 10.0~~	~~< 10.0~~					
Dibenzo(a,h)anthracene	2010-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~				
Dibenzo(a,h)anthracene	2010-12	ug/L										~~< 10.0~~						
Dibenzo(a,h)anthracene	2011-03	ug/L											~~< 10.0~~		~~< 10.0~~			
Dibenzo(a,h)anthracene	2011-06	ug/L											~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Dibenzo(a,h)anthracene	2011-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Dibenzo(a,h)anthracene	2011-12	ug/L													~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Dibenzo(a,h)anthracene	2012-03	ug/L														~~< 10.0~~	~~< 10.0~~	
Dibenzo(a,h)anthracene	2014-12	ug/L															~~< 10.2~~	
Dibenzo(a,h)anthracene	2016-10	ug/L							<10	**0.597 J**	<10.9					<11.2	<11.1	
Dibenzo(a,h)anthracene	2017-10	ug/L						<10.5										
Dibenzo(a,h)anthracene	2017-12	ug/L					<10.6					<10.4						<10.4
Dibenzo(a,h)anthracene	2018-07	ug/L											<10.4					
Dibenzo(a,h)anthracene	2018-10	ug/L											<10.4					
Dibenzo(a,h)anthracene	2019-05	ug/L																
Dibenzo(a,h)anthracene	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
Dibenzo(a,h)anthracene	2021-12	ug/L																
Dibenzo(a,h)anthracene	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
Dibenzo(a,h)anthracene	2024-04	ug/L											<10.6					
Dibenzofuran	2009-03	ug/L						~~< 10~~	~~< 10~~	~~< 10~~								
Dibenzofuran	2009-06	ug/L					~~< 10.0~~	~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10~~			~~< 10.0~~				
Dibenzofuran	2009-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
Dibenzofuran	2009-12	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
Dibenzofuran	2010-03	ug/L					~~< 10.0~~				~~< 10.0~~			~~< 10.0~~				
Dibenzofuran	2010-06	ug/L										~~< 10.0~~						
Dibenzofuran	2010-08	ug/L										~~< 10.0~~	~~< 10.0~~					
Dibenzofuran	2010-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~				
Dibenzofuran	2010-12	ug/L										~~< 10.0~~						
Dibenzofuran	2011-03	ug/L											~~< 10.0~~		~~< 10.0~~			
Dibenzofuran	2011-06	ug/L											~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Dibenzofuran	2011-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Dibenzofuran	2011-12	ug/L													~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Dibenzofuran	2012-03	ug/L														~~< 10.0~~	~~< 10.0~~	
Dibenzofuran	2014-12	ug/L															~~< 10.2~~	
Dibenzofuran	2016-10	ug/L							<10	<10	<10.9					<11.2	<11.1	
Dibenzofuran	2017-10	ug/L						<10.5										
Dibenzofuran	2017-12	ug/L					<10.6					<10.4						<10.4
Dibenzofuran	2018-07	ug/L											<10.4					
Dibenzofuran	2018-10	ug/L											<10.4					
Dibenzofuran	2019-05	ug/L																
Dibenzofuran	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
Dibenzofuran	2021-12	ug/L																
Dibenzofuran	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
Dibenzofuran	2024-04	ug/L											<10.6					
Dibromomethane	2008-01	ug/L					~~< 1~~	~~< 1~~	~~< 1.00~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~			
Dibromomethane	2008-03	ug/L					~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~			
Dibromomethane	2008-08	ug/L					~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~			
Dibromomethane	2008-09	ug/L					~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~			
Dibromomethane	2008-10	ug/L					~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~			
Dibromomethane	2009-03	ug/L					~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~			
Dibromomethane	2009-06	ug/L					~~< 5.00~~	~~< 1~~	~~< 1~~	~~< 1.00~~	~~< 1~~			~~< 1.00~~				
Dibromomethane	2009-09	ug/L					~~< 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~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~			~~< 1.00~~				
Dibromomethane	2010-03	ug/L					~~< 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~~	~~< 1.00~~	~~< 1.00~~

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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
Dibenzo(a,h)anthracene	2009-12	ug/L																
Dibenzo(a,h)anthracene	2010-03	ug/L																
Dibenzo(a,h)anthracene	2010-06	ug/L																
Dibenzo(a,h)anthracene	2010-08	ug/L																
Dibenzo(a,h)anthracene	2010-09	ug/L																
Dibenzo(a,h)anthracene	2010-12	ug/L																
Dibenzo(a,h)anthracene	2011-03	ug/L																
Dibenzo(a,h)anthracene	2011-06	ug/L																
Dibenzo(a,h)anthracene	2011-09	ug/L																
Dibenzo(a,h)anthracene	2011-12	ug/L																
Dibenzo(a,h)anthracene	2012-03	ug/L																
Dibenzo(a,h)anthracene	2014-12	ug/L																
Dibenzo(a,h)anthracene	2016-10	ug/L									<10.4					<10.3	<10.2	
Dibenzo(a,h)anthracene	2017-10	ug/L																
Dibenzo(a,h)anthracene	2017-12	ug/L			<10.4													
Dibenzo(a,h)anthracene	2018-07	ug/L								<10.1								
Dibenzo(a,h)anthracene	2018-10	ug/L								<10.3								
Dibenzo(a,h)anthracene	2019-05	ug/L		<10.1														
Dibenzo(a,h)anthracene	2021-10	ug/L																
Dibenzo(a,h)anthracene	2021-12	ug/L	<10.5															
Dibenzo(a,h)anthracene	2022-10	ug/L			<8.77													
Dibenzo(a,h)anthracene	2024-04	ug/L		<10.2														
Dibenzofuran	2009-03	ug/L																
Dibenzofuran	2009-06	ug/L																
Dibenzofuran	2009-09	ug/L																
Dibenzofuran	2009-12	ug/L																
Dibenzofuran	2010-03	ug/L																
Dibenzofuran	2010-06	ug/L																
Dibenzofuran	2010-08	ug/L																
Dibenzofuran	2010-09	ug/L																
Dibenzofuran	2010-12	ug/L																
Dibenzofuran	2011-03	ug/L																
Dibenzofuran	2011-06	ug/L																
Dibenzofuran	2011-09	ug/L																
Dibenzofuran	2011-12	ug/L																
Dibenzofuran	2012-03	ug/L																
Dibenzofuran	2014-12	ug/L																
Dibenzofuran	2016-10	ug/L									<10.4					<10.3	<10.2	
Dibenzofuran	2017-10	ug/L																
Dibenzofuran	2017-12	ug/L			<10.4													
Dibenzofuran	2018-07	ug/L								<10.1								
Dibenzofuran	2018-10	ug/L								<10.3								
Dibenzofuran	2019-05	ug/L		<10.1														
Dibenzofuran	2021-10	ug/L																
Dibenzofuran	2021-12	ug/L	<10.5															
Dibenzofuran	2022-10	ug/L			<8.77													
Dibenzofuran	2024-04	ug/L		<10.2														
Dibromomethane	2008-01	ug/L																
Dibromomethane	2008-03	ug/L																
Dibromomethane	2008-08	ug/L																
Dibromomethane	2008-09	ug/L																
Dibromomethane	2008-10	ug/L																
Dibromomethane	2009-03	ug/L																
Dibromomethane	2009-06	ug/L																
Dibromomethane	2009-09	ug/L																
Dibromomethane	2009-12	ug/L																
Dibromomethane	2010-03	ug/L																
Dibromomethane	2010-06	ug/L	~~< 1.00~~	~~< 1.00~~														

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
Dibromomethane	2010-08	ug/L										< 1.00	< 1.00			< 1.00	< 1.00	< 1.00
Dibromomethane	2010-09	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	2010-12	ug/L										< 1.00				< 1.00	< 1.00	< 1.00
Dibromomethane	2011-03	ug/L		< 1.00			< 1.00	< 1.00	< 1.00	< 10.0	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Dibromomethane	2011-04	ug/L					< 1.00		< 1.00	< 10.0	< 1.00						< 1.00	
Dibromomethane	2011-06	ug/L		< 1.00									< 1.00		< 1.00	< 1.00	< 1.00	
Dibromomethane	2011-07	ug/L	< 1.00															
Dibromomethane	2011-08	ug/L		< 1.00														
Dibromomethane	2011-09	ug/L	< 1.00	< 1.00			< 1.00	< 1.00	< 1.00	< 10.0	< 1.00	< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Dibromomethane	2011-12	ug/L	< 1.00	< 1.00											< 1.00	< 1.00	< 1.00	
Dibromomethane	2012-03	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	< 1.00	< 1.00
Dibromomethane	2012-06	ug/L																
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	2013-03	ug/L	< 1.00	< 1.00			< 1.00	< 1.00	< 1.00	< 10.0	< 1.00	< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Dibromomethane	2013-06	ug/L																
Dibromomethane	2013-09	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	< 1.00
Dibromomethane	2013-11	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	< 1.00	< 1.00
Dibromomethane	2014-06	ug/L																
Dibromomethane	2014-09	ug/L	< 1	< 1			< 1.00	< 1.00	< 1.00	< 1.00	< 1	< 1	< 1	< 1.00	< 1.00	< 1.00	< 1.00	< 1
Dibromomethane	2014-12	ug/L															< 1.00	
Dibromomethane	2015-04	ug/L	< 1.00	< 1			< 1	< 1.00	< 1	< 1	< 1	< 1.00	< 1.00			< 1.00	< 1	< 1
Dibromomethane	2015-10	ug/L	<1	<1			<1	<1	<1	<1	<1	<1				<1	<1	<1
Dibromomethane	2016-04	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Dibromomethane	2016-10	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Dibromomethane	2017-03	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Dibromomethane	2017-10	ug/L	<1	<1			<1	<1	<1	<1	<1	<1				<1	<1	<1
Dibromomethane	2017-12	ug/L					<1					<1						<1
Dibromomethane	2018-04	ug/L	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Dibromomethane	2018-07	ug/L											<1					
Dibromomethane	2018-10	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Dibromomethane	2019-01	ug/L																
Dibromomethane	2019-03	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Dibromomethane	2019-05	ug/L																
Dibromomethane	2019-10	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Dibromomethane	2020-03	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Dibromomethane	2020-09	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Dibromomethane	2021-03	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Dibromomethane	2021-05	ug/L																
Dibromomethane	2021-08	ug/L																
Dibromomethane	2021-10	ug/L	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Dibromomethane	2021-12	ug/L																
Dibromomethane	2022-02	ug/L	<1		<1	<1												
Dibromomethane	2022-04	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Dibromomethane	2022-07	ug/L			<1	<1												
Dibromomethane	2022-10	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				<1	<1	<1
Dibromomethane	2023-04	ug/L	<1	<1		<1	<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Dibromomethane	2023-05	ug/L			<1													
Dibromomethane	2023-10	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				<1	<1	<1
Dibromomethane	2024-04	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Dibromomethane	2024-09	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1			< 1	< 1	< 1
Dibromomethane	2025-03	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1			< 1	< 1	< 1
Dibromomethane	2025-08	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1			< 1	< 1	< 1
Dichlorodifluoromethane	2009-03	ug/L						< 3	< 3	< 3								
Dichlorodifluoromethane	2009-06	ug/L					< 15.0	< 3	< 3	< 3.00	< 3			< 3.00				
Dichlorodifluoromethane	2009-09	ug/L					< 3.00	< 3.00	< 3.00	< 3.00	< 3.00			< 3.00				
Dichlorodifluoromethane	2009-12	ug/L					< 3.00	< 3.00	< 3.00	< 3.00	< 3.00			< 3.00				
Dichlorodifluoromethane	2010-03	ug/L					< 3.00	< 3.00	< 3.00	< 3.00	< 3.00			< 3.00				

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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
Dibromomethane	2010-08	ug/L	~~< 1.00~~	~~< 1.00~~														
Dibromomethane	2010-09	ug/L	~~< 1.00~~	~~< 1.00~~														
Dibromomethane	2010-12	ug/L	~~< 1.00~~	~~< 1.00~~														
Dibromomethane	2011-03	ug/L	~~< 1.00~~	~~< 1.00~~														
Dibromomethane	2011-04	ug/L																
Dibromomethane	2011-06	ug/L																
Dibromomethane	2011-07	ug/L																
Dibromomethane	2011-08	ug/L																
Dibromomethane	2011-09	ug/L	~~< 1.00~~	~~< 1.00~~														
Dibromomethane	2011-12	ug/L																
Dibromomethane	2012-03	ug/L	~~< 1.00~~	~~< 1.00~~														
Dibromomethane	2012-06	ug/L									~~< 1.00~~	~~< 1.00~~		~~< 1.00~~		~~< 1.00~~	~~< 1.00~~	
Dibromomethane	2012-10	ug/L																
Dibromomethane	2013-03	ug/L	~~< 1.00~~								~~< 1.00~~							
Dibromomethane	2013-06	ug/L			~~< 1.00~~													
Dibromomethane	2013-09	ug/L	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~						~~< 1.00~~							
Dibromomethane	2013-11	ug/L			~~< 1.00~~													
Dibromomethane	2014-03	ug/L	~~< 1.00~~		~~< 1.00~~						~~< 1.00~~							
Dibromomethane	2014-06	ug/L		~~< 1.00~~	~~< 1.00~~													
Dibromomethane	2014-09	ug/L	~~< 1~~	~~< 1~~	~~< 1~~						~~< 1~~							
Dibromomethane	2014-12	ug/L																
Dibromomethane	2015-04	ug/L	< 1.00	< 1.00	< 1.00						< 1							
Dibromomethane	2015-10	ug/L	<1	<1	<1						<1					<1	<1	
Dibromomethane	2016-04	ug/L	<1	<1	<1						<1					<1	<1	
Dibromomethane	2016-10	ug/L	<1	<1	<1						<1					<1	<1	
Dibromomethane	2017-03	ug/L	<1	<1	<1						<1					<1	<1	
Dibromomethane	2017-10	ug/L	<1	<1	<1						<1					<1	<1	
Dibromomethane	2017-12	ug/L			<1													
Dibromomethane	2018-04	ug/L	<1	<1	<1						<1					<1	<1	
Dibromomethane	2018-07	ug/L								<1								
Dibromomethane	2018-10	ug/L	<1	<1	<1					<1	<1					<1	<1	
Dibromomethane	2019-01	ug/L								<1								
Dibromomethane	2019-03	ug/L	<1	<1	<1					<1	<1					<1	<1	
Dibromomethane	2019-05	ug/L		<1						<1								
Dibromomethane	2019-10	ug/L	<1	<1	<1					<1	<1					<1	<1	
Dibromomethane	2020-03	ug/L	<1	<1	<1					<1	<1					<1	<1	
Dibromomethane	2020-09	ug/L	<1	<1	<1					<1	<1					<1	<1	
Dibromomethane	2021-03	ug/L	<1	<1	<1			<1	<1	<1	<1					<1	<1	
Dibromomethane	2021-05	ug/L	<1															
Dibromomethane	2021-08	ug/L						<1	<1									
Dibromomethane	2021-10	ug/L	<1	<1	<1			<1	<1	<1	<1							
Dibromomethane	2021-12	ug/L	<1															
Dibromomethane	2022-02	ug/L						<1	<1									
Dibromomethane	2022-04	ug/L	<1	<1	<1			<1	<1	<1	<1							
Dibromomethane	2022-07	ug/L																
Dibromomethane	2022-10	ug/L	<1	<1	<1			<1	<1	<1	<1							
Dibromomethane	2023-04	ug/L	<1	<1	<1			<1	<1	<1	<1							
Dibromomethane	2023-05	ug/L																
Dibromomethane	2023-10	ug/L	<1	<1	<1			<1	<1	<1	<1							
Dibromomethane	2024-04	ug/L	<1	<1	<1			<1	<1	<1	<1							
Dibromomethane	2024-09	ug/L	< 1	< 1	< 1			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dibromomethane	2025-03	ug/L	< 1	< 1	< 1			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dibromomethane	2025-08	ug/L	< 1	< 1	< 1			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorodifluoromethane	2009-03	ug/L																
Dichlorodifluoromethane	2009-06	ug/L																
Dichlorodifluoromethane	2009-09	ug/L																
Dichlorodifluoromethane	2009-12	ug/L																
Dichlorodifluoromethane	2010-03	ug/L																

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
Dichlorodifluoromethane	2010-06	ug/L										< 3.00						
Dichlorodifluoromethane	2010-08	ug/L										< 3.00	< 3.00					
Dichlorodifluoromethane	2010-09	ug/L					< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00				
Dichlorodifluoromethane	2010-12	ug/L										< 3.00						
Dichlorodifluoromethane	2011-03	ug/L					< 3.00	< 3.00	< 3.00	< 30.0	< 3.00	< 3.00	< 3.00	< 3.00	< 3.00			
Dichlorodifluoromethane	2011-04	ug/L					< 3.00		< 3.00	< 30.0	< 3.00						< 3.00	
Dichlorodifluoromethane	2011-06	ug/L											< 3.00		< 3.00	< 3.00	< 3.00	
Dichlorodifluoromethane	2011-09	ug/L					< 3.00	< 3.00	< 3.00	< 30.0	< 3.00	< 3.00		< 3.00	< 3.00	< 3.00	< 3.00	
Dichlorodifluoromethane	2011-12	ug/L													< 3.00	< 3.00	< 3.00	
Dichlorodifluoromethane	2012-03	ug/L												< 3.00		< 3.00	< 3.00	
Dichlorodifluoromethane	2014-12	ug/L															< 3.00	
Dichlorodifluoromethane	2016-10	ug/L							**0.208 J**	**0.359 J**	<3					<3	<3	
Dichlorodifluoromethane	2017-10	ug/L						<3										
Dichlorodifluoromethane	2017-12	ug/L					<3					<3						<3
Dichlorodifluoromethane	2018-07	ug/L											<3					
Dichlorodifluoromethane	2018-10	ug/L											<3					
Dichlorodifluoromethane	2019-05	ug/L																
Dichlorodifluoromethane	2021-10	ug/L							<3	<3	<3					<3	<3	
Dichlorodifluoromethane	2021-12	ug/L																
Dichlorodifluoromethane	2022-10	ug/L					<3	<3				<3						<3
Dichlorodifluoromethane	2024-04	ug/L											<3					
Dieldrin	2009-03	ug/L						< 0.032	< 0.032	< 0.032								
Dieldrin	2009-06	ug/L					< 0.0320	< 0.032	< 0.032	< 0.0320	< 0.032			< 0.0320				
Dieldrin	2009-09	ug/L					< 0.0320	< 0.0320	< 0.0320	< 0.0320	< 0.0320			< 0.0320				
Dieldrin	2009-12	ug/L					< 0.0320	< 0.0320	< 0.0320	< 0.0320	< 0.0320			< 0.0320				
Dieldrin	2010-03	ug/L					< 0.0320				< 0.0320			< 0.0320				
Dieldrin	2010-06	ug/L										< 0.0320						
Dieldrin	2010-08	ug/L										< 0.0320	< 0.0320					
Dieldrin	2010-09	ug/L					< 0.0320	< 0.0320	< 0.0320	< 0.0320	< 0.0320	< 0.0320	< 0.0320	< 0.0320				
Dieldrin	2010-12	ug/L										< 0.0320						
Dieldrin	2011-03	ug/L						< 0.0320	< 0.0320	< 0.0320	< 0.0320	< 0.0320	< 0.0320	< 0.0320	< 0.0320			
Dieldrin	2011-06	ug/L											< 0.0320		< 0.0320	< 0.0392	< 0.0320	
Dieldrin	2011-09	ug/L					< 0.0320	< 0.0320	< 0.0320	< 0.0320	< 0.0320	< 0.0320		< 0.0320	< 0.0320	< 0.0320	< 0.0320	
Dieldrin	2011-12	ug/L													< 0.0320	< 0.0320	< 0.0320	
Dieldrin	2012-03	ug/L														< 0.0320	< 0.0320	
Dieldrin	2014-12	ug/L															< 0.0352	
Dieldrin	2016-10	ug/L							<0.033	<0.032	<0.0344					<0.033	<0.033	
Dieldrin	2017-10	ug/L						<0.0333										
Dieldrin	2017-12	ug/L					**0.00588 J**					**0.00284 J**						<0.0333
Dieldrin	2018-07	ug/L											**0.00788 J**					
Dieldrin	2018-10	ug/L											**0.00526 J**					
Dieldrin	2019-05	ug/L																
Dieldrin	2021-10	ug/L							<0.0337	<0.0337	<0.0337					<0.0337	<0.0337	
Dieldrin	2021-12	ug/L																
Dieldrin	2022-10	ug/L					<0.0542	<0.0561				<0.0542						<0.0582
Dieldrin	2023-04	ug/L									<0.064							
Dieldrin	2024-04	ug/L											<0.064					
Diethylphthalate	2009-03	ug/L						< 10	< 10	< 10								
Diethylphthalate	2009-06	ug/L					< 10.0	< 10	< 10	< 10.0	< 10			< 10.0				
Diethylphthalate	2009-09	ug/L					< 10.0	< 10.0	< 10.0	< 10.0	< 10.0			< 10.0				
Diethylphthalate	2009-12	ug/L					< 10.0	< 10.0	< 10.0	< 10.0	< 10.0			< 10.0				
Diethylphthalate	2010-03	ug/L					< 10.0				< 10.0			< 10.0				
Diethylphthalate	2010-06	ug/L										< 10.0						
Diethylphthalate	2010-08	ug/L										< 10.0	< 10.0					
Diethylphthalate	2010-09	ug/L					< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0				
Diethylphthalate	2010-12	ug/L										< 10.0						
Diethylphthalate	2011-03	ug/L											< 10.0		< 10.0			
Diethylphthalate	2011-06	ug/L											< 10.0		< 10.0	< 10.0	< 10.0	

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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
Dichlorodifluoromethane	2010-06	ug/L																
Dichlorodifluoromethane	2010-08	ug/L																
Dichlorodifluoromethane	2010-09	ug/L																
Dichlorodifluoromethane	2010-12	ug/L																
Dichlorodifluoromethane	2011-03	ug/L																
Dichlorodifluoromethane	2011-04	ug/L																
Dichlorodifluoromethane	2011-06	ug/L																
Dichlorodifluoromethane	2011-09	ug/L																
Dichlorodifluoromethane	2011-12	ug/L																
Dichlorodifluoromethane	2012-03	ug/L																
Dichlorodifluoromethane	2014-12	ug/L																
Dichlorodifluoromethane	2016-10	ug/L									<3					<3	<3	
Dichlorodifluoromethane	2017-10	ug/L																
Dichlorodifluoromethane	2017-12	ug/L			<3													
Dichlorodifluoromethane	2018-07	ug/L								<3								
Dichlorodifluoromethane	2018-10	ug/L								<3								
Dichlorodifluoromethane	2019-05	ug/L		<3														
Dichlorodifluoromethane	2021-10	ug/L																
Dichlorodifluoromethane	2021-12	ug/L	<3															
Dichlorodifluoromethane	2022-10	ug/L			<3													
Dichlorodifluoromethane	2024-04	ug/L		<3														
Dieldrin	2009-03	ug/L																
Dieldrin	2009-06	ug/L																
Dieldrin	2009-09	ug/L																
Dieldrin	2009-12	ug/L																
Dieldrin	2010-03	ug/L																
Dieldrin	2010-06	ug/L																
Dieldrin	2010-08	ug/L																
Dieldrin	2010-09	ug/L																
Dieldrin	2010-12	ug/L																
Dieldrin	2011-03	ug/L																
Dieldrin	2011-06	ug/L																
Dieldrin	2011-09	ug/L																
Dieldrin	2011-12	ug/L																
Dieldrin	2012-03	ug/L																
Dieldrin	2014-12	ug/L																
Dieldrin	2016-10	ug/L									<0.0333					<0.0333	<0.0333	
Dieldrin	2017-10	ug/L																
Dieldrin	2017-12	ug/L			<0.0333													
Dieldrin	2018-07	ug/L								<0.0323								
Dieldrin	2018-10	ug/L								<0.033								
Dieldrin	2019-05	ug/L		<0.0327														
Dieldrin	2021-10	ug/L																
Dieldrin	2021-12	ug/L	**0.0224 J**															
Dieldrin	2022-10	ug/L			<0.0542													
Dieldrin	2023-04	ug/L	<0.064															
Dieldrin	2024-04	ug/L		<0.064														
Diethylphthalate	2009-03	ug/L																
Diethylphthalate	2009-06	ug/L																
Diethylphthalate	2009-09	ug/L																
Diethylphthalate	2009-12	ug/L																
Diethylphthalate	2010-03	ug/L																
Diethylphthalate	2010-06	ug/L																
Diethylphthalate	2010-08	ug/L																
Diethylphthalate	2010-09	ug/L																
Diethylphthalate	2010-12	ug/L																
Diethylphthalate	2011-03	ug/L																
Diethylphthalate	2011-06	ug/L																

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
Diethylphthalate	2011-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Diethylphthalate	2011-12	ug/L													~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Diethylphthalate	2012-03	ug/L														~~< 10.0~~	~~< 10.0~~	
Diethylphthalate	2014-12	ug/L															~~< 10.2~~	
Diethylphthalate	2016-10	ug/L							<10	<10	<10.9					<11.2	<11.1	
Diethylphthalate	2017-10	ug/L						**5.31 J**										
Diethylphthalate	2017-12	ug/L					<10.6					<10.4						**5.03 J**
Diethylphthalate	2018-07	ug/L											<10.4					
Diethylphthalate	2018-10	ug/L											<10.4					
Diethylphthalate	2019-05	ug/L																
Diethylphthalate	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
Diethylphthalate	2021-12	ug/L																
Diethylphthalate	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
Diethylphthalate	2024-04	ug/L											<10.6					
Dimethoate	2009-03	ug/L						~~< 10~~	~~< 10~~	~~< 10~~								
Dimethoate	2009-06	ug/L					~~< 10.0~~	~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10~~			~~< 10.0~~				
Dimethoate	2009-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
Dimethoate	2009-12	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
Dimethoate	2010-03	ug/L					~~< 10.0~~				~~< 10.0~~			~~< 10.0~~				
Dimethoate	2010-06	ug/L										~~< 10.0~~						
Dimethoate	2010-08	ug/L										~~< 10.0~~	~~< 10.0~~					
Dimethoate	2010-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~				
Dimethoate	2010-12	ug/L										~~< 10.0~~						
Dimethoate	2011-03	ug/L											~~< 10.0~~		~~< 10.0~~			
Dimethoate	2011-06	ug/L											~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Dimethoate	2011-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Dimethoate	2011-12	ug/L													~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Dimethoate	2012-03	ug/L														~~< 10.0~~	~~< 10.0~~	
Dimethoate	2014-12	ug/L															~~< 10.2~~	
Dimethoate	2016-10	ug/L							<10	<10	<10.9					<11.2	<11.1	
Dimethoate	2017-10	ug/L						<10.5										
Dimethoate	2017-12	ug/L					<10.6					<10.4						<10.4
Dimethoate	2018-07	ug/L											<10.4					
Dimethoate	2018-10	ug/L											<10.4					
Dimethoate	2019-05	ug/L																
Dimethoate	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
Dimethoate	2021-12	ug/L																
Dimethoate	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
Dimethoate	2024-04	ug/L											<10.6					
Dimethylphthalate	2009-03	ug/L						~~< 10~~	~~< 10~~	~~< 10~~								
Dimethylphthalate	2009-06	ug/L					~~< 10.0~~	~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10~~			~~< 10.0~~				
Dimethylphthalate	2009-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
Dimethylphthalate	2009-12	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
Dimethylphthalate	2010-03	ug/L					~~< 10.0~~				~~< 10.0~~			~~< 10.0~~				
Dimethylphthalate	2010-06	ug/L										~~< 10.0~~						
Dimethylphthalate	2010-08	ug/L										~~< 10.0~~	~~< 10.0~~					
Dimethylphthalate	2010-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~				
Dimethylphthalate	2010-12	ug/L										~~< 10.0~~						
Dimethylphthalate	2011-03	ug/L											~~< 10.0~~		~~< 10.0~~			
Dimethylphthalate	2011-06	ug/L											~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Dimethylphthalate	2011-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Dimethylphthalate	2011-12	ug/L													~~< 10.0~~	~~< 10.0~~		
Dimethylphthalate	2012-03	ug/L														~~< 10.0~~	~~< 10.0~~	
Dimethylphthalate	2014-12	ug/L															~~< 10.2~~	
Dimethylphthalate	2017-10	ug/L						<10.5										
Dimethylphthalate	2017-12	ug/L					<10.6					<10.4						<10.4
Dimethylphthalate	2018-07	ug/L											<10.4					
Dimethylphthalate	2018-10	ug/L											<10.4					

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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
Diethylphthalate	2011-09	ug/L																
Diethylphthalate	2011-12	ug/L																
Diethylphthalate	2012-03	ug/L																
Diethylphthalate	2014-12	ug/L																
Diethylphthalate	2016-10	ug/L									<10.4					<10.3	<10.2	
Diethylphthalate	2017-10	ug/L																
Diethylphthalate	2017-12	ug/L			**1.89 J**													
Diethylphthalate	2018-07	ug/L								<10.1								
Diethylphthalate	2018-10	ug/L								<10.3								
Diethylphthalate	2019-05	ug/L		<10.1														
Diethylphthalate	2021-10	ug/L																
Diethylphthalate	2021-12	ug/L	<10.5															
Diethylphthalate	2022-10	ug/L			<8.77													
Diethylphthalate	2024-04	ug/L		<10.2														
Dimethoate	2009-03	ug/L																
Dimethoate	2009-06	ug/L																
Dimethoate	2009-09	ug/L																
Dimethoate	2009-12	ug/L																
Dimethoate	2010-03	ug/L																
Dimethoate	2010-06	ug/L																
Dimethoate	2010-08	ug/L																
Dimethoate	2010-09	ug/L																
Dimethoate	2010-12	ug/L																
Dimethoate	2011-03	ug/L																
Dimethoate	2011-06	ug/L																
Dimethoate	2011-09	ug/L																
Dimethoate	2011-12	ug/L																
Dimethoate	2012-03	ug/L																
Dimethoate	2014-12	ug/L																
Dimethoate	2016-10	ug/L									<10.4					<10.3	<10.2	
Dimethoate	2017-10	ug/L																
Dimethoate	2017-12	ug/L			<10.4													
Dimethoate	2018-07	ug/L								<10.1								
Dimethoate	2018-10	ug/L								<10.3								
Dimethoate	2019-05	ug/L		<10.1														
Dimethoate	2021-10	ug/L																
Dimethoate	2021-12	ug/L	<10.5															
Dimethoate	2022-10	ug/L			<8.77													
Dimethoate	2024-04	ug/L		<10.2														
Dimethylphthalate	2009-03	ug/L																
Dimethylphthalate	2009-06	ug/L																
Dimethylphthalate	2009-09	ug/L																
Dimethylphthalate	2009-12	ug/L																
Dimethylphthalate	2010-03	ug/L																
Dimethylphthalate	2010-06	ug/L																
Dimethylphthalate	2010-08	ug/L																
Dimethylphthalate	2010-09	ug/L																
Dimethylphthalate	2010-12	ug/L																
Dimethylphthalate	2011-03	ug/L																
Dimethylphthalate	2011-06	ug/L																
Dimethylphthalate	2011-09	ug/L																
Dimethylphthalate	2011-12	ug/L																
Dimethylphthalate	2012-03	ug/L																
Dimethylphthalate	2014-12	ug/L																
Dimethylphthalate	2017-10	ug/L																
Dimethylphthalate	2017-12	ug/L			<10.4													
Dimethylphthalate	2018-07	ug/L								<10.1								
Dimethylphthalate	2018-10	ug/L								<10.3								

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
Dimethylphthalate	2019-05	ug/L																
Dimethylphthalate	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
Dimethylphthalate	2021-12	ug/L																
Dimethylphthalate	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
Dimethylphthalate	2024-04	ug/L											<10.6					
Di-n-butylphthalate	2009-03	ug/L						~~<10~~	~~<10~~	~~<10~~								
Di-n-butylphthalate	2009-06	ug/L					~~<10.0~~	~~<10~~	~~<10~~	~~<10.0~~	~~<10~~			~~<10.0~~				
Di-n-butylphthalate	2009-09	ug/L					~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~			~~<10.0~~				
Di-n-butylphthalate	2009-12	ug/L					~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~			~~<10.0~~				
Di-n-butylphthalate	2010-03	ug/L					~~<10.0~~				~~<10.0~~			~~<10.0~~				
Di-n-butylphthalate	2010-06	ug/L										~~<10.0~~						
Di-n-butylphthalate	2010-08	ug/L										~~<10.0~~	~~<10.0~~					
Di-n-butylphthalate	2010-09	ug/L					~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~				
Di-n-butylphthalate	2010-12	ug/L										~~<10.0~~						
Di-n-butylphthalate	2011-03	ug/L											~~<10.0~~		~~<10.0~~			
Di-n-butylphthalate	2011-06	ug/L											~~<10.0~~		~~<10.0~~	~~<10.0~~	~~<10.0~~	
Di-n-butylphthalate	2011-09	ug/L					~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~		~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	
Di-n-butylphthalate	2011-12	ug/L													~~<10.0~~	~~<10.0~~	~~<10.0~~	
Di-n-butylphthalate	2012-03	ug/L														~~<10.0~~	~~<10.0~~	
Di-n-butylphthalate	2014-12	ug/L															~~<10.2~~	
Di-n-butylphthalate	2016-10	ug/L							<10	<10	<10.9					<11.2	<11.1	
Di-n-butylphthalate	2017-10	ug/L						<10.5										
Di-n-butylphthalate	2017-12	ug/L					**0.972 J**					**0.968 J**						**0.953 J**
Di-n-butylphthalate	2018-07	ug/L											<10.4					
Di-n-butylphthalate	2018-10	ug/L											<10.4					
Di-n-butylphthalate	2019-05	ug/L																
Di-n-butylphthalate	2021-10	ug/L							<10.5	**1.38 J**	<10.2					<10.4	<10.5	
Di-n-butylphthalate	2021-12	ug/L																
Di-n-butylphthalate	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
Di-n-butylphthalate	2024-04	ug/L											<10.6					
Di-n-octylphthalate	2009-03	ug/L						~~<10~~	~~<10~~	~~<10~~								
Di-n-octylphthalate	2009-06	ug/L					~~<10.0~~	~~<10~~	~~<10~~	~~<10.0~~	~~<10~~			~~<10.0~~				
Di-n-octylphthalate	2009-09	ug/L					~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~			~~<10.0~~				
Di-n-octylphthalate	2009-12	ug/L					~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~			~~<10.0~~				
Di-n-octylphthalate	2010-03	ug/L					~~<10.0~~				~~<10.0~~			~~<10.0~~				
Di-n-octylphthalate	2010-06	ug/L										~~<10.0~~						
Di-n-octylphthalate	2010-08	ug/L										~~<10.0~~	~~<10.0~~					
Di-n-octylphthalate	2010-09	ug/L					~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~				
Di-n-octylphthalate	2010-12	ug/L										~~<10.0~~						
Di-n-octylphthalate	2011-03	ug/L											~~<10.0~~		~~<10.0~~			
Di-n-octylphthalate	2011-06	ug/L											~~<10.0~~		~~<10.0~~	~~<10.0~~	~~<10.0~~	
Di-n-octylphthalate	2011-09	ug/L					~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~		~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	
Di-n-octylphthalate	2011-12	ug/L													~~<10.0~~	~~<10.0~~	~~<10.0~~	
Di-n-octylphthalate	2012-03	ug/L														~~<10.0~~	~~<10.0~~	
Di-n-octylphthalate	2014-12	ug/L															~~<20.4~~	
Di-n-octylphthalate	2016-10	ug/L							**1.63 J**	**1.66 J**	<21.7					**1.86 J**	**1.77 J**	
Di-n-octylphthalate	2017-10	ug/L						<21.1										
Di-n-octylphthalate	2017-12	ug/L					<21.3					<20.8						<20.8
Di-n-octylphthalate	2018-07	ug/L											<20.8					
Di-n-octylphthalate	2018-10	ug/L											<20.8					
Di-n-octylphthalate	2019-05	ug/L																
Di-n-octylphthalate	2021-10	ug/L							<21.1	<21.1	<20.4					<20.8	<21.1	
Di-n-octylphthalate	2021-12	ug/L																
Di-n-octylphthalate	2022-10	ug/L					<16.9	<16.9				**8.58 J**						<16.9
Di-n-octylphthalate	2024-04	ug/L											<21.3					
Dinoseb	2009-03	ug/L						~~<10~~	~~<10~~	~~<10~~								
Dinoseb	2009-06	ug/L					~~<10.0~~	~~<10~~	~~<10~~	~~<10.0~~	~~<10~~			~~<10.0~~				
Dinoseb	2009-09	ug/L					~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~			~~<10.0~~				

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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
Dimethylphthalate	2019-05	ug/L		<10.1														
Dimethylphthalate	2021-10	ug/L																
Dimethylphthalate	2021-12	ug/L	<10.5															
Dimethylphthalate	2022-10	ug/L			<8.77													
Dimethylphthalate	2024-04	ug/L		<10.2														
Di-n-butylphthalate	2009-03	ug/L																
Di-n-butylphthalate	2009-06	ug/L																
Di-n-butylphthalate	2009-09	ug/L																
Di-n-butylphthalate	2009-12	ug/L																
Di-n-butylphthalate	2010-03	ug/L																
Di-n-butylphthalate	2010-06	ug/L																
Di-n-butylphthalate	2010-08	ug/L																
Di-n-butylphthalate	2010-09	ug/L																
Di-n-butylphthalate	2010-12	ug/L																
Di-n-butylphthalate	2011-03	ug/L																
Di-n-butylphthalate	2011-06	ug/L																
Di-n-butylphthalate	2011-09	ug/L																
Di-n-butylphthalate	2011-12	ug/L																
Di-n-butylphthalate	2012-03	ug/L																
Di-n-butylphthalate	2014-12	ug/L																
Di-n-butylphthalate	2016-10	ug/L									<10.4					<10.3	<10.2	
Di-n-butylphthalate	2017-10	ug/L																
Di-n-butylphthalate	2017-12	ug/L			**0.937 J**													
Di-n-butylphthalate	2018-07	ug/L								<10.1								
Di-n-butylphthalate	2018-10	ug/L								<10.3								
Di-n-butylphthalate	2019-05	ug/L		<10.1														
Di-n-butylphthalate	2021-10	ug/L																
Di-n-butylphthalate	2021-12	ug/L	<10.5															
Di-n-butylphthalate	2022-10	ug/L			<8.77													
Di-n-butylphthalate	2024-04	ug/L		<10.2														
Di-n-octylphthalate	2009-03	ug/L																
Di-n-octylphthalate	2009-06	ug/L																
Di-n-octylphthalate	2009-09	ug/L																
Di-n-octylphthalate	2009-12	ug/L																
Di-n-octylphthalate	2010-03	ug/L																
Di-n-octylphthalate	2010-06	ug/L																
Di-n-octylphthalate	2010-08	ug/L																
Di-n-octylphthalate	2010-09	ug/L																
Di-n-octylphthalate	2010-12	ug/L																
Di-n-octylphthalate	2011-03	ug/L																
Di-n-octylphthalate	2011-06	ug/L																
Di-n-octylphthalate	2011-09	ug/L																
Di-n-octylphthalate	2011-12	ug/L																
Di-n-octylphthalate	2012-03	ug/L																
Di-n-octylphthalate	2014-12	ug/L																
Di-n-octylphthalate	2016-10	ug/L									**1.66 J**					**1.64 J**	**1.64 J**	
Di-n-octylphthalate	2017-10	ug/L																
Di-n-octylphthalate	2017-12	ug/L			<20.8													
Di-n-octylphthalate	2018-07	ug/L								<20.2								
Di-n-octylphthalate	2018-10	ug/L								<20.6								
Di-n-octylphthalate	2019-05	ug/L		<20.2														
Di-n-octylphthalate	2021-10	ug/L																
Di-n-octylphthalate	2021-12	ug/L	<21.1															
Di-n-octylphthalate	2022-10	ug/L			<17.5													
Di-n-octylphthalate	2024-04	ug/L		<20.4														
Dinoseb	2009-03	ug/L																
Dinoseb	2009-06	ug/L																
Dinoseb	2009-09	ug/L																

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
Dinoseb	2009-12	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
Dinoseb	2010-03	ug/L					~~< 10.0~~				~~< 10.0~~			~~< 10.0~~				
Dinoseb	2010-06	ug/L										~~< 10.0~~						
Dinoseb	2010-08	ug/L										~~< 10.0~~	~~< 10.0~~					
Dinoseb	2010-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~				
Dinoseb	2010-12	ug/L										~~< 10.0~~						
Dinoseb	2011-03	ug/L											~~< 10.0~~		~~< 10.0~~			
Dinoseb	2011-06	ug/L											~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Dinoseb	2011-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Dinoseb	2011-12	ug/L													~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Dinoseb	2012-03	ug/L														~~< 10.0~~	~~< 10.0~~	
Dinoseb	2014-12	ug/L															~~< 10.2~~	
Dinoseb	2016-10	ug/L							<10	<10	<10.9					<11.2	<11.1	
Dinoseb	2017-10	ug/L						<10.5										
Dinoseb	2017-12	ug/L					<10.6					<10.4						<10.4
Dinoseb	2018-07	ug/L											<10.4					
Dinoseb	2018-10	ug/L											<10.4					
Dinoseb	2019-05	ug/L																
Dinoseb	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
Dinoseb	2021-12	ug/L																
Dinoseb	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
Dinoseb	2024-04	ug/L											<10.6					
Diphenylamine	2009-03	ug/L						~~< 10~~	~~< 10~~	~~< 10~~								
Diphenylamine	2009-06	ug/L					~~< 10.0~~	~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10~~			~~< 10.0~~				
Diphenylamine	2009-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
Diphenylamine	2009-12	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
Diphenylamine	2010-03	ug/L					~~< 10.0~~				~~< 10.0~~			~~< 10.0~~				
Diphenylamine	2010-06	ug/L										~~< 10.0~~						
Diphenylamine	2010-08	ug/L										~~< 10.0~~	~~< 10.0~~					
Diphenylamine	2010-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~				
Diphenylamine	2010-12	ug/L										~~< 10.0~~						
Diphenylamine	2011-03	ug/L											~~< 10.0~~		~~< 10.0~~			
Diphenylamine	2011-06	ug/L											~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Diphenylamine	2011-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Diphenylamine	2011-12	ug/L													~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Diphenylamine	2012-03	ug/L														~~< 10.0~~	~~< 10.0~~	
Diphenylamine	2014-12	ug/L															~~< 10.2~~	
Diphenylamine	2016-10	ug/L							<10	<10	<10.9					<11.2	<11.1	
Diphenylamine	2017-10	ug/L						<10.5										
Diphenylamine	2017-12	ug/L					<10.6					<10.4						<10.4
Diphenylamine	2018-07	ug/L											<10.4					
Diphenylamine	2018-10	ug/L											<10.4					
Diphenylamine	2019-05	ug/L																
Diphenylamine	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
Diphenylamine	2021-12	ug/L																
Diphenylamine	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
Diphenylamine	2024-04	ug/L											<10.6					
Disulfoton	2009-03	ug/L						~~< 70~~	~~< 70~~	~~< 70~~								
Disulfoton	2009-06	ug/L					~~< 70.0~~	~~< 70~~	~~< 70~~	~~< 70.0~~	~~< 70~~			~~< 70.0~~				
Disulfoton	2009-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
Disulfoton	2009-12	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
Disulfoton	2010-03	ug/L					~~< 10.0~~				~~< 10.0~~			~~< 10.0~~				
Disulfoton	2010-06	ug/L										~~< 10.0~~						
Disulfoton	2010-08	ug/L										~~< 10.0~~	~~< 10.0~~					
Disulfoton	2010-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~				
Disulfoton	2010-12	ug/L										~~< 10.0~~						
Disulfoton	2011-03	ug/L											~~< 10.0~~		~~< 10.0~~			
Disulfoton	2011-06	ug/L											~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	

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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
Dinoseb	2009-12	ug/L																
Dinoseb	2010-03	ug/L																
Dinoseb	2010-06	ug/L																
Dinoseb	2010-08	ug/L																
Dinoseb	2010-09	ug/L																
Dinoseb	2010-12	ug/L																
Dinoseb	2011-03	ug/L																
Dinoseb	2011-06	ug/L																
Dinoseb	2011-09	ug/L																
Dinoseb	2011-12	ug/L																
Dinoseb	2012-03	ug/L																
Dinoseb	2014-12	ug/L																
Dinoseb	2016-10	ug/L									<10.4					<10.3	<10.2	
Dinoseb	2017-10	ug/L																
Dinoseb	2017-12	ug/L			<10.4													
Dinoseb	2018-07	ug/L								<10.1								
Dinoseb	2018-10	ug/L								<10.3								
Dinoseb	2019-05	ug/L		<10.1														
Dinoseb	2021-10	ug/L																
Dinoseb	2021-12	ug/L	<10.5															
Dinoseb	2022-10	ug/L			<8.77													
Dinoseb	2024-04	ug/L		<10.2														
Diphenylamine	2009-03	ug/L																
Diphenylamine	2009-06	ug/L																
Diphenylamine	2009-09	ug/L																
Diphenylamine	2009-12	ug/L																
Diphenylamine	2010-03	ug/L																
Diphenylamine	2010-06	ug/L																
Diphenylamine	2010-08	ug/L																
Diphenylamine	2010-09	ug/L																
Diphenylamine	2010-12	ug/L																
Diphenylamine	2011-03	ug/L																
Diphenylamine	2011-06	ug/L																
Diphenylamine	2011-09	ug/L																
Diphenylamine	2011-12	ug/L																
Diphenylamine	2012-03	ug/L																
Diphenylamine	2014-12	ug/L																
Diphenylamine	2016-10	ug/L									<10.4					<10.3	<10.2	
Diphenylamine	2017-10	ug/L																
Diphenylamine	2017-12	ug/L			<10.4													
Diphenylamine	2018-07	ug/L								<10.1								
Diphenylamine	2018-10	ug/L								<10.3								
Diphenylamine	2019-05	ug/L		<10.1														
Diphenylamine	2021-10	ug/L																
Diphenylamine	2021-12	ug/L	<10.5															
Diphenylamine	2022-10	ug/L			<8.77													
Diphenylamine	2024-04	ug/L		<10.2														
Disulfoton	2009-03	ug/L																
Disulfoton	2009-06	ug/L																
Disulfoton	2009-09	ug/L																
Disulfoton	2009-12	ug/L																
Disulfoton	2010-03	ug/L																
Disulfoton	2010-06	ug/L																
Disulfoton	2010-08	ug/L																
Disulfoton	2010-09	ug/L																
Disulfoton	2010-12	ug/L																
Disulfoton	2011-03	ug/L																
Disulfoton	2011-06	ug/L																

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
Disulfoton	2011-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Disulfoton	2011-12	ug/L													~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Disulfoton	2012-03	ug/L														~~< 10.0~~	~~< 10.0~~	
Disulfoton	2014-12	ug/L															~~< 10.2~~	
Disulfoton	2016-10	ug/L							<10	<10	<10.9					<11.2	<11.1	
Disulfoton	2017-10	ug/L						<10.5										
Disulfoton	2017-12	ug/L					<10.6					<10.4						<10.4
Disulfoton	2018-07	ug/L											<10.4					
Disulfoton	2018-10	ug/L											<10.4					
Disulfoton	2019-05	ug/L																
Disulfoton	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
Disulfoton	2021-12	ug/L																
Disulfoton	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
Disulfoton	2024-04	ug/L											<10.6					
Endosulfan I	2009-03	ug/L						~~< 0.032~~	~~< 0.032~~	~~< 0.032~~								
Endosulfan I	2009-06	ug/L					~~< 0.0320~~	~~< 0.032~~	~~< 0.032~~	~~< 0.0320~~	~~< 0.032~~			~~< 0.0320~~				
Endosulfan I	2009-09	ug/L					~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~			~~< 0.0320~~				
Endosulfan I	2009-12	ug/L					~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~			~~< 0.0320~~				
Endosulfan I	2010-03	ug/L					~~< 0.0320~~				~~< 0.0320~~			~~< 0.0320~~				
Endosulfan I	2010-06	ug/L										~~< 0.0320~~						
Endosulfan I	2010-08	ug/L										~~< 0.0320~~	~~< 0.0320~~					
Endosulfan I	2010-09	ug/L					~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	**~~0.102~~**	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~				
Endosulfan I	2010-12	ug/L										~~< 0.0320~~						
Endosulfan I	2011-03	ug/L						~~< 0.0320~~	~~< 0.0320~~	**~~0.0588~~**	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~			
Endosulfan I	2011-06	ug/L											~~< 0.0320~~		~~< 0.0320~~	~~< 0.0392~~	~~< 0.0320~~	
Endosulfan I	2011-09	ug/L					~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	**~~0.0718~~**	~~< 0.0320~~	~~< 0.0320~~		~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	
Endosulfan I	2011-12	ug/L													~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	
Endosulfan I	2012-03	ug/L								~~< 0.0320~~						~~< 0.0320~~	~~< 0.0320~~	
Endosulfan I	2012-10	ug/L								~~< 0.0320~~								
Endosulfan I	2013-03	ug/L								**~~0.066~~**								
Endosulfan I	2013-09	ug/L								**~~0.114~~**								
Endosulfan I	2014-03	ug/L								~~< 0.0327~~								
Endosulfan I	2014-09	ug/L								**~~0.129~~**								
Endosulfan I	2014-12	ug/L															~~< 0.0352~~	
Endosulfan I	2015-04	ug/L								**0.064**								
Endosulfan I	2015-10	ug/L								**0.0494**								
Endosulfan I	2016-04	ug/L								<0.0364								
Endosulfan I	2016-10	ug/L							<0.033	**0.0613**	<0.0344					<0.033	<0.033	
Endosulfan I	2017-03	ug/L								**0.059**								
Endosulfan I	2017-10	ug/L						<0.0333		<0.0337								
Endosulfan I	2017-12	ug/L					<0.0333					<0.0333						<0.0333
Endosulfan I	2018-04	ug/L								**0.0265 J**								
Endosulfan I	2018-07	ug/L											<0.0333					
Endosulfan I	2018-10	ug/L								**0.0545**			**0.00429 J**					
Endosulfan I	2019-03	ug/L								<0.0323								
Endosulfan I	2019-05	ug/L																
Endosulfan I	2019-10	ug/L								<0.0328								
Endosulfan I	2020-03	ug/L								**0.0332**								
Endosulfan I	2020-09	ug/L								**0.0781**								
Endosulfan I	2021-03	ug/L								<0.0337								
Endosulfan I	2021-10	ug/L							<0.0337	<0.0337	<0.0337					<0.0337	<0.0337	
Endosulfan I	2021-12	ug/L																
Endosulfan I	2022-10	ug/L					<0.0542	<0.0561				<0.0542						<0.0582
Endosulfan I	2023-04	ug/L									<0.064							
Endosulfan I	2024-04	ug/L											<0.064					
Endosulfan II	2009-03	ug/L						~~< 0.032~~	~~< 0.032~~	~~< 0.032~~								
Endosulfan II	2009-06	ug/L					~~< 0.0320~~	~~< 0.032~~	~~< 0.032~~	~~< 0.0320~~	~~< 0.032~~			~~< 0.0320~~				
Endosulfan II	2009-09	ug/L					~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~			~~< 0.0320~~				

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Disulfoton	2011-09	ug/L																
Disulfoton	2011-12	ug/L																
Disulfoton	2012-03	ug/L																
Disulfoton	2014-12	ug/L																
Disulfoton	2016-10	ug/L									<10.4					<10.3	<10.2	
Disulfoton	2017-10	ug/L																
Disulfoton	2017-12	ug/L			<10.4													
Disulfoton	2018-07	ug/L								<10.1								
Disulfoton	2018-10	ug/L								<10.3								
Disulfoton	2019-05	ug/L		<10.1														
Disulfoton	2021-10	ug/L																
Disulfoton	2021-12	ug/L	<10.5															
Disulfoton	2022-10	ug/L			<8.77													
Disulfoton	2024-04	ug/L		<10.2														
Endosulfan I	2009-03	ug/L																
Endosulfan I	2009-06	ug/L																
Endosulfan I	2009-09	ug/L																
Endosulfan I	2009-12	ug/L																
Endosulfan I	2010-03	ug/L																
Endosulfan I	2010-06	ug/L																
Endosulfan I	2010-08	ug/L																
Endosulfan I	2010-09	ug/L																
Endosulfan I	2010-12	ug/L																
Endosulfan I	2011-03	ug/L																
Endosulfan I	2011-06	ug/L																
Endosulfan I	2011-09	ug/L																
Endosulfan I	2011-12	ug/L																
Endosulfan I	2012-03	ug/L																
Endosulfan I	2012-10	ug/L																
Endosulfan I	2013-03	ug/L									~~< 0.0330~~							
Endosulfan I	2013-09	ug/L									~~**0.0053**~~							
Endosulfan I	2014-03	ug/L									~~< 0.0344~~							
Endosulfan I	2014-09	ug/L									~~< 0.032~~							
Endosulfan I	2014-12	ug/L																
Endosulfan I	2015-04	ug/L									< 0.033							
Endosulfan I	2015-10	ug/L									<0.032					<0.032	<0.032	
Endosulfan I	2016-04	ug/L									<0.0348					<0.0344	<0.036	
Endosulfan I	2016-10	ug/L									<0.0333					<0.0333	<0.0333	
Endosulfan I	2017-03	ug/L									**0.00226 J**					<0.0323	<0.032	
Endosulfan I	2017-10	ug/L									<0.0333					**0.00483 J**	<0.0327	
Endosulfan I	2017-12	ug/L			<0.0333													
Endosulfan I	2018-04	ug/L																
Endosulfan I	2018-07	ug/L								<0.0323								
Endosulfan I	2018-10	ug/L								<0.033								
Endosulfan I	2019-03	ug/L																
Endosulfan I	2019-05	ug/L		<0.0327														
Endosulfan I	2019-10	ug/L																
Endosulfan I	2020-03	ug/L																
Endosulfan I	2020-09	ug/L																
Endosulfan I	2021-03	ug/L																
Endosulfan I	2021-10	ug/L																
Endosulfan I	2021-12	ug/L	<0.0337															
Endosulfan I	2022-10	ug/L			<0.0542													
Endosulfan I	2023-04	ug/L	<0.064															
Endosulfan I	2024-04	ug/L		<0.064														
Endosulfan II	2009-03	ug/L																
Endosulfan II	2009-06	ug/L																
Endosulfan II	2009-09	ug/L																

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
Endosulfan II	2009-12	ug/L					~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~			~~< 0.0320~~				
Endosulfan II	2010-03	ug/L					~~< 0.0320~~				~~< 0.0320~~			~~< 0.0320~~				
Endosulfan II	2010-06	ug/L										~~< 0.0320~~						
Endosulfan II	2010-08	ug/L										~~< 0.0320~~	~~< 0.0320~~					
Endosulfan II	2010-09	ug/L					~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~				
Endosulfan II	2010-12	ug/L										~~< 0.0320~~						
Endosulfan II	2011-03	ug/L						~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~			
Endosulfan II	2011-06	ug/L											~~< 0.0320~~		~~< 0.0320~~	~~< 0.0392~~	~~< 0.0320~~	
Endosulfan II	2011-09	ug/L					~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~		~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	
Endosulfan II	2011-12	ug/L													~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	
Endosulfan II	2012-03	ug/L														~~< 0.0320~~	~~< 0.0320~~	
Endosulfan II	2014-12	ug/L															~~0.00418~~	
Endosulfan II	2016-10	ug/L							<0.033	<0.032	<0.0344					<0.033	<0.033	
Endosulfan II	2017-10	ug/L						<0.0333										
Endosulfan II	2017-12	ug/L					**0.0105 J**					<0.0333						**0.0027 J**
Endosulfan II	2018-07	ug/L											<0.0333					
Endosulfan II	2018-10	ug/L											<0.033					
Endosulfan II	2019-05	ug/L																
Endosulfan II	2021-10	ug/L							<0.0337	<0.0337	<0.0337					<0.0337	<0.0337	
Endosulfan II	2021-12	ug/L																
Endosulfan II	2022-10	ug/L					<0.0542	<0.0561				<0.0542						<0.0582
Endosulfan II	2023-04	ug/L									<0.064							
Endosulfan II	2024-04	ug/L											<0.064					
Endosulfan Sulfate	2009-03	ug/L						~~< 0.032~~	~~< 0.032~~	~~< 0.032~~								
Endosulfan Sulfate	2009-06	ug/L					~~< 0.0320~~	~~< 0.032~~	~~< 0.032~~	~~< 0.0320~~	~~< 0.032~~			~~< 0.0320~~				
Endosulfan Sulfate	2009-09	ug/L					~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~			~~< 0.0320~~				
Endosulfan Sulfate	2009-12	ug/L					~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~			~~< 0.0320~~				
Endosulfan Sulfate	2010-03	ug/L					~~< 0.0320~~				~~< 0.0320~~			~~< 0.0320~~				
Endosulfan Sulfate	2010-06	ug/L										~~< 0.0320~~						
Endosulfan Sulfate	2010-08	ug/L										~~< 0.0320~~	~~< 0.0320~~					
Endosulfan Sulfate	2010-09	ug/L					~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~				
Endosulfan Sulfate	2010-12	ug/L										~~< 0.0320~~						
Endosulfan Sulfate	2011-03	ug/L						~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~			
Endosulfan Sulfate	2011-06	ug/L											~~< 0.0320~~		~~< 0.0320~~	~~< 0.0392~~	~~< 0.0320~~	
Endosulfan Sulfate	2011-09	ug/L					~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~		~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	
Endosulfan Sulfate	2011-12	ug/L													~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	
Endosulfan Sulfate	2012-03	ug/L														~~< 0.0320~~	~~< 0.0320~~	
Endosulfan Sulfate	2014-12	ug/L															~~< 0.0352~~	
Endosulfan Sulfate	2016-10	ug/L							<0.033	**0.00825 J**	<0.0344					<0.033	<0.033	
Endosulfan Sulfate	2017-10	ug/L						<0.0333										
Endosulfan Sulfate	2017-12	ug/L					<0.0333					<0.0333						**0.00829 J**
Endosulfan Sulfate	2018-07	ug/L											<0.0333					
Endosulfan Sulfate	2018-10	ug/L											**0.00941 J**					
Endosulfan Sulfate	2019-05	ug/L																
Endosulfan Sulfate	2021-10	ug/L							<0.0337	<0.0337	<0.0337					<0.0337	<0.0337	
Endosulfan Sulfate	2021-12	ug/L																
Endosulfan Sulfate	2022-10	ug/L					<0.0542	<0.0561				<0.0542						<0.0582
Endosulfan Sulfate	2023-04	ug/L									<0.064							
Endosulfan Sulfate	2024-04	ug/L											<0.064					
Endrin	2009-03	ug/L						~~< 0.032~~	~~< 0.032~~	~~< 0.032~~								
Endrin	2009-06	ug/L					~~< 0.0320~~	~~< 0.032~~	~~< 0.032~~	~~< 0.0320~~	~~< 0.032~~			~~< 0.0320~~				
Endrin	2009-09	ug/L					~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~			~~< 0.0320~~				
Endrin	2009-12	ug/L					~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~			~~< 0.0320~~				
Endrin	2010-03	ug/L					~~< 0.0320~~				~~< 0.0320~~			~~< 0.0320~~				
Endrin	2010-06	ug/L										~~< 0.0320~~						
Endrin	2010-08	ug/L										~~< 0.0320~~	~~< 0.0320~~					
Endrin	2010-09	ug/L					~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~				
Endrin	2010-12	ug/L										~~< 0.0320~~						

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Endosulfan II	2009-12	ug/L																
Endosulfan II	2010-03	ug/L																
Endosulfan II	2010-06	ug/L																
Endosulfan II	2010-08	ug/L																
Endosulfan II	2010-09	ug/L																
Endosulfan II	2010-12	ug/L																
Endosulfan II	2011-03	ug/L																
Endosulfan II	2011-06	ug/L																
Endosulfan II	2011-09	ug/L																
Endosulfan II	2011-12	ug/L																
Endosulfan II	2012-03	ug/L																
Endosulfan II	2014-12	ug/L																
Endosulfan II	2016-10	ug/L									<0.0333					<0.0333	<0.0333	
Endosulfan II	2017-10	ug/L																
Endosulfan II	2017-12	ug/L			<0.0333													
Endosulfan II	2018-07	ug/L								<0.0323								
Endosulfan II	2018-10	ug/L								<0.033								
Endosulfan II	2019-05	ug/L		<0.0327														
Endosulfan II	2021-10	ug/L																
Endosulfan II	2021-12	ug/L	<0.0337															
Endosulfan II	2022-10	ug/L			<0.0542													
Endosulfan II	2023-04	ug/L	<0.064															
Endosulfan II	2024-04	ug/L		<0.064														
Endosulfan Sulfate	2009-03	ug/L																
Endosulfan Sulfate	2009-06	ug/L																
Endosulfan Sulfate	2009-09	ug/L																
Endosulfan Sulfate	2009-12	ug/L																
Endosulfan Sulfate	2010-03	ug/L																
Endosulfan Sulfate	2010-06	ug/L																
Endosulfan Sulfate	2010-08	ug/L																
Endosulfan Sulfate	2010-09	ug/L																
Endosulfan Sulfate	2010-12	ug/L																
Endosulfan Sulfate	2011-03	ug/L																
Endosulfan Sulfate	2011-06	ug/L																
Endosulfan Sulfate	2011-09	ug/L																
Endosulfan Sulfate	2011-12	ug/L																
Endosulfan Sulfate	2012-03	ug/L																
Endosulfan Sulfate	2014-12	ug/L																
Endosulfan Sulfate	2016-10	ug/L									<0.0333					<0.0333	<0.0333	
Endosulfan Sulfate	2017-10	ug/L																
Endosulfan Sulfate	2017-12	ug/L			<0.0333													
Endosulfan Sulfate	2018-07	ug/L								<0.0323								
Endosulfan Sulfate	2018-10	ug/L								<0.033								
Endosulfan Sulfate	2019-05	ug/L		<0.0327														
Endosulfan Sulfate	2021-10	ug/L																
Endosulfan Sulfate	2021-12	ug/L	<0.0337															
Endosulfan Sulfate	2022-10	ug/L			<0.0542													
Endosulfan Sulfate	2023-04	ug/L	<0.064															
Endosulfan Sulfate	2024-04	ug/L		<0.064														
Endrin	2009-03	ug/L																
Endrin	2009-06	ug/L																
Endrin	2009-09	ug/L																
Endrin	2009-12	ug/L																
Endrin	2010-03	ug/L																
Endrin	2010-06	ug/L																
Endrin	2010-08	ug/L																
Endrin	2010-09	ug/L																
Endrin	2010-12	ug/L																

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
Endrin	2011-03	ug/L						< 0.0320	< 0.0320	< 0.0320	< 0.0320	< 0.0320	< 0.0320	< 0.0320	< 0.0320			
Endrin	2011-06	ug/L											< 0.0320		< 0.0320	< 0.0392	< 0.0320	
Endrin	2011-09	ug/L					< 0.0320	< 0.0320	< 0.0320	< 0.0320	< 0.0320	< 0.0320		< 0.0320	< 0.0320	< 0.0320	< 0.0320	
Endrin	2011-12	ug/L													< 0.0320	< 0.0320	< 0.0320	
Endrin	2012-03	ug/L														< 0.0320	< 0.0320	
Endrin	2014-12	ug/L															< 0.0352	
Endrin	2016-10	ug/L							<0.033	<0.032	<0.0344					<0.033	<0.033	
Endrin	2017-10	ug/L						**0.00778 J**										
Endrin	2017-12	ug/L					<0.0333					**0.0239 J**						<0.0333
Endrin	2018-07	ug/L											**0.0212 J**					
Endrin	2018-10	ug/L											**0.0102 J**					
Endrin	2019-05	ug/L																
Endrin	2021-10	ug/L							<0.0337	<0.0337	<0.0337					<0.0337	<0.0337	
Endrin	2021-12	ug/L																
Endrin	2022-10	ug/L					<0.0542	<0.0561				<0.0542						<0.0582
Endrin	2023-04	ug/L									<0.064							
Endrin	2024-04	ug/L											<0.064					
Endrin Aldehyde	2009-03	ug/L						< 0.032	< 0.032	< 0.032								
Endrin Aldehyde	2009-06	ug/L					< 0.0320	< 0.032	< 0.032	< 0.0320	< 0.032			< 0.0320				
Endrin Aldehyde	2009-09	ug/L					< 0.0320	< 0.0320	< 0.0320	< 0.0320	< 0.0320			< 0.0320				
Endrin Aldehyde	2009-12	ug/L					< 0.0320	< 0.0320	< 0.0320	< 0.0320	< 0.0320			< 0.0320				
Endrin Aldehyde	2010-03	ug/L					< 0.0320				< 0.0320			< 0.0320				
Endrin Aldehyde	2010-06	ug/L										< 0.0320						
Endrin Aldehyde	2010-08	ug/L										< 0.0320	< 0.0320					
Endrin Aldehyde	2010-09	ug/L					< 0.0320	< 0.0320	< 0.0320	< 0.0320	< 0.0320	< 0.0320	< 0.0320	< 0.0320				
Endrin Aldehyde	2010-12	ug/L										**0.0644**						
Endrin Aldehyde	2011-03	ug/L						< 0.0320	< 0.0320	< 0.0320	< 0.0320	< 0.0320	< 0.0320	< 0.0320	< 0.0320			
Endrin Aldehyde	2011-06	ug/L											< 0.0320		< 0.0320	< 0.0392	< 0.0320	
Endrin Aldehyde	2011-09	ug/L					< 0.0320	< 0.0320	< 0.0320	< 0.0320	< 0.0320	< 0.0320		< 0.0320	< 0.0320	< 0.0320	< 0.0320	
Endrin Aldehyde	2011-12	ug/L													< 0.0320	< 0.0320	< 0.0320	
Endrin Aldehyde	2012-03	ug/L														< 0.0320	< 0.0320	
Endrin Aldehyde	2014-12	ug/L															< 0.0352	
Endrin Aldehyde	2016-10	ug/L							<0.033	<0.032	<0.0344					<0.033	<0.033	
Endrin Aldehyde	2017-10	ug/L						<0.0333										
Endrin Aldehyde	2017-12	ug/L					**0.0324 J**					**0.0116 J**						**0.0235 J**
Endrin Aldehyde	2018-07	ug/L											<0.0333					
Endrin Aldehyde	2018-10	ug/L											<0.033					
Endrin Aldehyde	2019-05	ug/L																
Endrin Aldehyde	2021-10	ug/L							<0.0337	<0.0337	<0.0337					<0.0337	<0.0337	
Endrin Aldehyde	2021-12	ug/L																
Endrin Aldehyde	2022-10	ug/L					<0.0542	<0.0561				<0.0542						<0.0582
Endrin Aldehyde	2023-04	ug/L									<0.064							
Endrin Aldehyde	2024-04	ug/L											<0.064					
Ethyl Methacrylate	2009-03	ug/L						< 2	< 2	< 2								
Ethyl Methacrylate	2009-06	ug/L					< 10.0	< 2	< 2	< 2.00	< 2			< 2.00				
Ethyl Methacrylate	2009-09	ug/L					< 2.00	< 2.00	< 2.00	< 2.00	< 2.00			< 2.00				
Ethyl Methacrylate	2009-12	ug/L					< 10.0	< 10.0	< 10.0	< 2.00	< 2.00			< 2.00				
Ethyl Methacrylate	2010-03	ug/L					< 2.00	< 2.00	< 2.00	< 2.00	< 2.00			< 2.00				
Ethyl Methacrylate	2010-06	ug/L										< 4.00						
Ethyl Methacrylate	2010-08	ug/L										< 20.0	< 20.0					
Ethyl Methacrylate	2010-09	ug/L					< 20.0	< 20.0	< 20.0	< 20.0	< 20.0	< 20.0	< 20.0	< 20.0				
Ethyl Methacrylate	2010-12	ug/L										< 5.00						
Ethyl Methacrylate	2011-03	ug/L					< 4.00	< 2.00	< 2.00	< 40.0	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00			
Ethyl Methacrylate	2011-04	ug/L					< 2.00		< 2.00	< 20.0	< 2.00						< 2.00	
Ethyl Methacrylate	2011-06	ug/L											< 2.00		< 2.00	< 2.00	< 2.00	
Ethyl Methacrylate	2011-09	ug/L					< 2.00	< 2.00	< 2.00	< 20.0	< 2.00	< 2.00		< 2.00	< 2.00	< 2.00	< 2.00	
Ethyl Methacrylate	2011-12	ug/L													< 2.00	< 2.00	< 2.00	
Ethyl Methacrylate	2012-03	ug/L												< 2.00		< 2.00	< 2.00	

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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
Endrin	2011-03	ug/L																
Endrin	2011-06	ug/L																
Endrin	2011-09	ug/L																
Endrin	2011-12	ug/L																
Endrin	2012-03	ug/L																
Endrin	2014-12	ug/L																
Endrin	2016-10	ug/L									<0.0333					<0.0333	<0.0333	
Endrin	2017-10	ug/L																
Endrin	2017-12	ug/L			<0.0333													
Endrin	2018-07	ug/L								<0.0323								
Endrin	2018-10	ug/L								<0.033								
Endrin	2019-05	ug/L		<0.0327														
Endrin	2021-10	ug/L																
Endrin	2021-12	ug/L	<0.0337															
Endrin	2022-10	ug/L			<0.0542													
Endrin	2023-04	ug/L	<0.064															
Endrin	2024-04	ug/L		<0.064														
Endrin Aldehyde	2009-03	ug/L																
Endrin Aldehyde	2009-06	ug/L																
Endrin Aldehyde	2009-09	ug/L																
Endrin Aldehyde	2009-12	ug/L																
Endrin Aldehyde	2010-03	ug/L																
Endrin Aldehyde	2010-06	ug/L																
Endrin Aldehyde	2010-08	ug/L																
Endrin Aldehyde	2010-09	ug/L																
Endrin Aldehyde	2010-12	ug/L																
Endrin Aldehyde	2011-03	ug/L																
Endrin Aldehyde	2011-06	ug/L																
Endrin Aldehyde	2011-09	ug/L																
Endrin Aldehyde	2011-12	ug/L																
Endrin Aldehyde	2012-03	ug/L																
Endrin Aldehyde	2014-12	ug/L																
Endrin Aldehyde	2016-10	ug/L									<0.0333					<0.0333	<0.0333	
Endrin Aldehyde	2017-10	ug/L																
Endrin Aldehyde	2017-12	ug/L			**0.024 J**													
Endrin Aldehyde	2018-07	ug/L								<0.0323								
Endrin Aldehyde	2018-10	ug/L								<0.033								
Endrin Aldehyde	2019-05	ug/L		<0.0327														
Endrin Aldehyde	2021-10	ug/L																
Endrin Aldehyde	2021-12	ug/L	<0.0337															
Endrin Aldehyde	2022-10	ug/L			<0.0542													
Endrin Aldehyde	2023-04	ug/L	<0.064															
Endrin Aldehyde	2024-04	ug/L		<0.064														
Ethyl Methacrylate	2009-03	ug/L																
Ethyl Methacrylate	2009-06	ug/L																
Ethyl Methacrylate	2009-09	ug/L																
Ethyl Methacrylate	2009-12	ug/L																
Ethyl Methacrylate	2010-03	ug/L																
Ethyl Methacrylate	2010-06	ug/L																
Ethyl Methacrylate	2010-08	ug/L																
Ethyl Methacrylate	2010-09	ug/L																
Ethyl Methacrylate	2010-12	ug/L																
Ethyl Methacrylate	2011-03	ug/L																
Ethyl Methacrylate	2011-04	ug/L																
Ethyl Methacrylate	2011-06	ug/L																
Ethyl Methacrylate	2011-09	ug/L																
Ethyl Methacrylate	2011-12	ug/L																
Ethyl Methacrylate	2012-03	ug/L																

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Table 20
Analytical Data Summary
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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
Ethyl Methacrylate	2014-12	ug/L															~~<2.00~~	
Ethyl Methacrylate	2016-10	ug/L							<2	<2	<2					<2	<2	
Ethyl Methacrylate	2017-10	ug/L						<2										
Ethyl Methacrylate	2017-12	ug/L					<2					<2						<2
Ethyl Methacrylate	2018-07	ug/L											<2					
Ethyl Methacrylate	2018-10	ug/L											<2					
Ethyl Methacrylate	2019-05	ug/L																
Ethyl Methacrylate	2021-10	ug/L							<2	<2	<2					<2	<2	
Ethyl Methacrylate	2021-12	ug/L																
Ethyl Methacrylate	2022-10	ug/L					<2	<2				<2						<2
Ethyl Methacrylate	2024-04	ug/L											<2					
Ethyl Methanesulfonate	2009-03	ug/L						~~<10~~	~~<10~~	~~<10~~								
Ethyl Methanesulfonate	2009-06	ug/L					~~<10.0~~	~~<10~~	~~<10~~	~~<10.0~~	~~<10~~			~~<10.0~~				
Ethyl Methanesulfonate	2009-09	ug/L					~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~			~~<10.0~~				
Ethyl Methanesulfonate	2009-12	ug/L					~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~			~~<10.0~~				
Ethyl Methanesulfonate	2010-03	ug/L					~~<10.0~~				~~<10.0~~			~~<10.0~~				
Ethyl Methanesulfonate	2010-06	ug/L										~~<10.0~~						
Ethyl Methanesulfonate	2010-08	ug/L										~~<10.0~~	~~<10.0~~					
Ethyl Methanesulfonate	2010-09	ug/L					~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~				
Ethyl Methanesulfonate	2010-12	ug/L										~~<10.0~~						
Ethyl Methanesulfonate	2011-03	ug/L											~~<10.0~~		~~<10.0~~			
Ethyl Methanesulfonate	2011-06	ug/L											~~<10.0~~		~~<10.0~~	~~<10.0~~	~~<10.0~~	
Ethyl Methanesulfonate	2011-09	ug/L					~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~		~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	
Ethyl Methanesulfonate	2011-12	ug/L													~~<10.0~~	~~<10.0~~	~~<10.0~~	
Ethyl Methanesulfonate	2012-03	ug/L														~~<10.0~~	~~<10.0~~	
Ethyl Methanesulfonate	2014-12	ug/L															~~<10.2~~	
Ethyl Methanesulfonate	2016-10	ug/L							<10	<10	<10.9					<11.2	<11.1	
Ethyl Methanesulfonate	2017-10	ug/L						<10.5										
Ethyl Methanesulfonate	2017-12	ug/L					<10.6					<10.4						<10.4
Ethyl Methanesulfonate	2018-07	ug/L											<10.4					
Ethyl Methanesulfonate	2018-10	ug/L											<10.4					
Ethyl Methanesulfonate	2019-05	ug/L																
Ethyl Methanesulfonate	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
Ethyl Methanesulfonate	2021-12	ug/L																
Ethyl Methanesulfonate	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
Ethyl Methanesulfonate	2024-04	ug/L											<10.6					
Ethylbenzene	2008-01	ug/L					~~<1~~	~~<1~~	~~<1.00~~	~~<1~~	~~<1~~	~~<1~~	~~<1~~	~~<1~~	~~<1~~			
Ethylbenzene	2008-03	ug/L					~~<1.00~~	~~<1.00~~	~~<1.00~~	~~<1.00~~	~~<1.00~~	~~<1.00~~	~~<1.00~~	~~<1.00~~	~~<1.00~~			
Ethylbenzene	2008-08	ug/L					~~<1~~	~~<1~~	~~<1~~	~~<1~~	~~<1~~	~~<1~~	~~<1~~	~~<1~~	~~<1~~			
Ethylbenzene	2008-09	ug/L					~~<1~~	~~<1~~	~~<1~~	~~<1~~	~~<1~~	~~<1~~	~~<1~~	~~<1~~	~~<1~~			
Ethylbenzene	2008-10	ug/L					~~<1~~	~~<1~~	~~<1~~	~~<1~~	~~<1~~	~~<1~~	~~<1~~	~~<1~~	~~<1~~			
Ethylbenzene	2009-03	ug/L					~~<1~~	~~<1~~	~~<1~~	~~<1~~	~~<1~~	~~<1~~	~~<1~~	~~<1~~	~~<1~~			
Ethylbenzene	2009-06	ug/L					~~<5.00~~	~~<1~~	~~<1~~	~~<1.00~~	~~<1~~			~~<1.00~~				
Ethylbenzene	2009-09	ug/L					~~<1.00~~	~~<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~~	~~<1.00~~	~~<1.00~~	~~<1.00~~			~~<1.00~~				
Ethylbenzene	2010-03	ug/L					~~<1.00~~	~~<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~~	~~<1.00~~	~~<1.00~~
Ethylbenzene	2010-08	ug/L										~~<1.00~~	~~<1.00~~			~~<1.00~~	~~<1.00~~	~~<1.00~~
Ethylbenzene	2010-09	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	2010-12	ug/L										~~<1.00~~				~~<1.00~~	~~<1.00~~	~~<1.00~~
Ethylbenzene	2011-03	ug/L		~~<1.00~~			~~<1.00~~	~~<1.00~~	~~<1.00~~	~~<10.0~~	~~<1.00~~	~~<1.00~~	~~<1.00~~	~~<1.00~~	~~<1.00~~	~~<1.00~~	~~<1.00~~	~~<1.00~~
Ethylbenzene	2011-04	ug/L					~~<1.00~~		~~<1.00~~	~~<10.0~~	~~<1.00~~						~~<1.00~~	
Ethylbenzene	2011-06	ug/L		~~<1.00~~									~~<1.00~~		~~<1.00~~	~~<1.00~~	~~<1.00~~	
Ethylbenzene	2011-07	ug/L	~~<1.00~~															
Ethylbenzene	2011-08	ug/L		~~<1.00~~														
Ethylbenzene	2011-09	ug/L	~~<1.00~~	~~<1.00~~			~~<1.00~~	~~<1.00~~	~~<1.00~~	~~<10.0~~	~~<1.00~~	~~<1.00~~		~~<1.00~~	~~<1.00~~	~~<1.00~~	~~<1.00~~	~~<1.00~~
Ethylbenzene	2011-12	ug/L	~~<1.00~~	~~<1.00~~											~~<1.00~~	~~<1.00~~	~~<1.00~~	
Ethylbenzene	2012-03	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~~	~~<1.00~~	~~<1.00~~

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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
Ethyl Methacrylate	2014-12	ug/L																
Ethyl Methacrylate	2016-10	ug/L									<2					<2	<2	
Ethyl Methacrylate	2017-10	ug/L																
Ethyl Methacrylate	2017-12	ug/L			<2													
Ethyl Methacrylate	2018-07	ug/L								<2								
Ethyl Methacrylate	2018-10	ug/L								<2								
Ethyl Methacrylate	2019-05	ug/L		<2														
Ethyl Methacrylate	2021-10	ug/L																
Ethyl Methacrylate	2021-12	ug/L	<2															
Ethyl Methacrylate	2022-10	ug/L			<2													
Ethyl Methacrylate	2024-04	ug/L		<2														
Ethyl Methanesulfonate	2009-03	ug/L																
Ethyl Methanesulfonate	2009-06	ug/L																
Ethyl Methanesulfonate	2009-09	ug/L																
Ethyl Methanesulfonate	2009-12	ug/L																
Ethyl Methanesulfonate	2010-03	ug/L																
Ethyl Methanesulfonate	2010-06	ug/L																
Ethyl Methanesulfonate	2010-08	ug/L																
Ethyl Methanesulfonate	2010-09	ug/L																
Ethyl Methanesulfonate	2010-12	ug/L																
Ethyl Methanesulfonate	2011-03	ug/L																
Ethyl Methanesulfonate	2011-06	ug/L																
Ethyl Methanesulfonate	2011-09	ug/L																
Ethyl Methanesulfonate	2011-12	ug/L																
Ethyl Methanesulfonate	2012-03	ug/L																
Ethyl Methanesulfonate	2014-12	ug/L																
Ethyl Methanesulfonate	2016-10	ug/L									<10.4					<10.3	<10.2	
Ethyl Methanesulfonate	2017-10	ug/L																
Ethyl Methanesulfonate	2017-12	ug/L			<10.4													
Ethyl Methanesulfonate	2018-07	ug/L								<10.1								
Ethyl Methanesulfonate	2018-10	ug/L								<10.3								
Ethyl Methanesulfonate	2019-05	ug/L		<10.1														
Ethyl Methanesulfonate	2021-10	ug/L																
Ethyl Methanesulfonate	2021-12	ug/L	<10.5															
Ethyl Methanesulfonate	2022-10	ug/L			<8.77													
Ethyl Methanesulfonate	2024-04	ug/L		<10.2														
Ethylbenzene	2008-01	ug/L																
Ethylbenzene	2008-03	ug/L																
Ethylbenzene	2008-08	ug/L																
Ethylbenzene	2008-09	ug/L																
Ethylbenzene	2008-10	ug/L																
Ethylbenzene	2009-03	ug/L																
Ethylbenzene	2009-06	ug/L																
Ethylbenzene	2009-09	ug/L																
Ethylbenzene	2009-12	ug/L																
Ethylbenzene	2010-03	ug/L																
Ethylbenzene	2010-06	ug/L	~~<1.00~~	~~<1.00~~														
Ethylbenzene	2010-08	ug/L	~~<1.00~~	~~<1.00~~														
Ethylbenzene	2010-09	ug/L	~~<1.00~~	~~<1.00~~														
Ethylbenzene	2010-12	ug/L	~~<1.00~~	~~<1.00~~														
Ethylbenzene	2011-03	ug/L	~~<1.00~~	~~<1.00~~														
Ethylbenzene	2011-04	ug/L																
Ethylbenzene	2011-06	ug/L																
Ethylbenzene	2011-07	ug/L																
Ethylbenzene	2011-08	ug/L																
Ethylbenzene	2011-09	ug/L	~~<1.00~~	~~<1.00~~														
Ethylbenzene	2011-12	ug/L																
Ethylbenzene	2012-03	ug/L	~~<1.00~~	~~<1.00~~														

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
Ethylbenzene	2012-06	ug/L																
Ethylbenzene	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~~
Ethylbenzene	2013-03	ug/L	~~< 1.00~~	~~< 1.00~~			~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 10.0~~	~~< 1.00~~	~~< 1.00~~		~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~
Ethylbenzene	2013-06	ug/L																
Ethylbenzene	2013-09	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~~	~~< 1.00~~
Ethylbenzene	2013-11	ug/L																
Ethylbenzene	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~~	~~< 1.00~~	~~< 1.00~~
Ethylbenzene	2014-06	ug/L																
Ethylbenzene	2014-09	ug/L	~~< 1~~	~~< 1~~			~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1~~
Ethylbenzene	2014-12	ug/L															~~< 1.00~~	
Ethylbenzene	2015-04	ug/L	< 1.00	< 1			< 1	< 1.00	< 1	< 1	< 1	< 1.00	~~< 1 o~~			< 1.00	< 1	< 1
Ethylbenzene	2015-10	ug/L	<1	<1			<1	<1	<1	<1	<1	<1				<1	<1	<1
Ethylbenzene	2016-04	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Ethylbenzene	2016-10	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Ethylbenzene	2017-03	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	**0.264 J**			<1	<1	<1
Ethylbenzene	2017-10	ug/L	<1	<1			<1	<1	<1	<1	<1	<1				<1	<1	<1
Ethylbenzene	2017-12	ug/L					<1					<1						<1
Ethylbenzene	2018-04	ug/L	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Ethylbenzene	2018-07	ug/L											<1					
Ethylbenzene	2018-10	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Ethylbenzene	2019-01	ug/L																
Ethylbenzene	2019-03	ug/L	<1	<1			<1	<1	<1	<0.0323	<1	<1	<1			<1	<1	<1
Ethylbenzene	2019-05	ug/L																
Ethylbenzene	2019-10	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Ethylbenzene	2020-03	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Ethylbenzene	2020-09	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Ethylbenzene	2021-03	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Ethylbenzene	2021-05	ug/L																
Ethylbenzene	2021-08	ug/L																
Ethylbenzene	2021-10	ug/L	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Ethylbenzene	2021-12	ug/L																
Ethylbenzene	2022-02	ug/L	<1		<1	<1												
Ethylbenzene	2022-04	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Ethylbenzene	2022-07	ug/L			<1	<1												
Ethylbenzene	2022-10	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				<1	<1	<1
Ethylbenzene	2023-04	ug/L	<1	<1		<1	<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Ethylbenzene	2023-05	ug/L			<1													
Ethylbenzene	2023-10	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				<1	<1	<1
Ethylbenzene	2024-04	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Ethylbenzene	2024-09	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1			< 1	< 1	< 1
Ethylbenzene	2025-03	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1			< 1	< 1	< 1
Ethylbenzene	2025-08	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1			< 1	< 1	< 1
Famphur	2009-03	ug/L						~~< 20~~	~~< 20~~	~~< 20~~								
Famphur	2009-06	ug/L					~~< 20.0~~	~~< 20~~	~~< 20~~	~~< 20.0~~	~~< 20~~			~~< 20.0~~				
Famphur	2009-09	ug/L					~~< 20.0~~	~~< 20.0~~	~~< 20.0~~	~~< 20.0~~	~~< 20.0~~			~~< 20.0~~				
Famphur	2009-12	ug/L					~~< 20.0~~	~~< 20.0~~	~~< 20.0~~	~~< 20.0~~	~~< 20.0~~			~~< 20.0~~				
Famphur	2010-03	ug/L					~~< 20.0~~				~~< 20.0~~			~~< 20.0~~				
Famphur	2010-06	ug/L										~~< 20.0~~						
Famphur	2010-08	ug/L										~~< 20.0~~	~~< 20.0~~					
Famphur	2010-09	ug/L					~~< 20.0~~	~~< 20.0~~	~~< 20.0~~	~~< 20.0~~	~~< 20.0~~	~~< 20.0~~	~~< 20.0~~	~~< 20.0~~				
Famphur	2010-12	ug/L										~~< 20.0~~						
Famphur	2011-03	ug/L											~~< 20.0~~		~~< 20.0~~			
Famphur	2011-06	ug/L											~~< 20.0~~		~~< 20.0~~	~~< 20.0~~	~~< 20.0~~	
Famphur	2011-09	ug/L					~~< 20.0~~	~~< 20.0~~	~~< 20.0~~	~~< 20.0~~	~~< 20.0~~	~~< 20.0~~		~~< 20.0~~	~~< 20.0~~	~~< 20.0~~	~~< 20.0~~	
Famphur	2011-12	ug/L													~~< 20.0~~	~~< 20.0~~	~~< 20.0~~	
Famphur	2012-03	ug/L														~~< 20.0~~	~~< 20.0~~	
Famphur	2014-12	ug/L															~~< 20.4~~	
Famphur	2016-10	ug/L							<20	<20	<21.7					<22.5	<22.2	

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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
Ethylbenzene	2012-06	ug/L									~~< 1.00~~	~~< 1.00~~		~~< 1.00~~		~~< 1.00~~	~~< 1.00~~	
Ethylbenzene	2012-10	ug/L																
Ethylbenzene	2013-03	ug/L	~~< 1.00~~								~~< 1.00~~							
Ethylbenzene	2013-06	ug/L			~~< 1.00~~													
Ethylbenzene	2013-09	ug/L	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~						~~< 1.00~~							
Ethylbenzene	2013-11	ug/L			~~< 1.00~~													
Ethylbenzene	2014-03	ug/L	~~< 1.00~~		~~< 1.00~~						~~< 1.00~~							
Ethylbenzene	2014-06	ug/L		~~< 1.00~~	~~< 1.00~~													
Ethylbenzene	2014-09	ug/L	~~< 1~~	~~< 1~~	~~< 1~~						~~< 1~~							
Ethylbenzene	2014-12	ug/L																
Ethylbenzene	2015-04	ug/L	~~< 1 o~~	< 1.00	< 1.00						< 1							
Ethylbenzene	2015-10	ug/L	<1	<1	<1						<1					<1	<1	
Ethylbenzene	2016-04	ug/L	<1	<1	<1						<1					<1	<1	
Ethylbenzene	2016-10	ug/L	<1	<1	<1						<1					<1	<1	
Ethylbenzene	2017-03	ug/L	**0.312 J**	<1	<1						<1					<1	<1	
Ethylbenzene	2017-10	ug/L	<1	<1	<1						<1					<1	<1	
Ethylbenzene	2017-12	ug/L			<1													
Ethylbenzene	2018-04	ug/L	<1	<1	<1						<1					<1	<1	
Ethylbenzene	2018-07	ug/L								<1								
Ethylbenzene	2018-10	ug/L	<1	<1	<1					<1	<1					<1	<1	
Ethylbenzene	2019-01	ug/L								<1								
Ethylbenzene	2019-03	ug/L	<1	<1	<1					<1	<1					<1	<1	
Ethylbenzene	2019-05	ug/L		<1						<1								
Ethylbenzene	2019-10	ug/L	<1	<1	<1					<1	<1					<1	<1	
Ethylbenzene	2020-03	ug/L	<1	<1	<1					<1	<1					<1	<1	
Ethylbenzene	2020-09	ug/L	<1	<1	<1					<1	<1					<1	<1	
Ethylbenzene	2021-03	ug/L	<1	<1	<1			<1	<1	<1	<1					<1	<1	
Ethylbenzene	2021-05	ug/L	<1															
Ethylbenzene	2021-08	ug/L						<1	<1									
Ethylbenzene	2021-10	ug/L	<1	<1	<1			<1	<1	<1	<1							
Ethylbenzene	2021-12	ug/L	<1															
Ethylbenzene	2022-02	ug/L						<1	<1									
Ethylbenzene	2022-04	ug/L	<1	<1	<1			<1	<1	<1	<1							
Ethylbenzene	2022-07	ug/L																
Ethylbenzene	2022-10	ug/L	<1	<1	<1			<1	<1	<1	<1							
Ethylbenzene	2023-04	ug/L	<1	<1	<1			<1	<1	<1	<1							
Ethylbenzene	2023-05	ug/L																
Ethylbenzene	2023-10	ug/L	<1	<1	<1			<1	<1	<1	<1							
Ethylbenzene	2024-04	ug/L	<1	<1	<1			<1	<1	<1	<1							
Ethylbenzene	2024-09	ug/L	< 1	< 1	< 1			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Ethylbenzene	2025-03	ug/L	< 1	< 1	< 1			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Ethylbenzene	2025-08	ug/L	< 1	< 1	< 1			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Famphur	2009-03	ug/L																
Famphur	2009-06	ug/L																
Famphur	2009-09	ug/L																
Famphur	2009-12	ug/L																
Famphur	2010-03	ug/L																
Famphur	2010-06	ug/L																
Famphur	2010-08	ug/L																
Famphur	2010-09	ug/L																
Famphur	2010-12	ug/L																
Famphur	2011-03	ug/L																
Famphur	2011-06	ug/L																
Famphur	2011-09	ug/L																
Famphur	2011-12	ug/L																
Famphur	2012-03	ug/L																
Famphur	2014-12	ug/L																
Famphur	2016-10	ug/L									<20.8					<20.6	<20.4	

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Table 20
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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
Famphur	2017-10	ug/L						<21.1										
Famphur	2017-12	ug/L					<21.3					<20.8						<20.8
Famphur	2018-07	ug/L											<10.4					
Famphur	2018-10	ug/L											<10.4					
Famphur	2019-05	ug/L																
Famphur	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
Famphur	2021-12	ug/L																
Famphur	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
Famphur	2024-04	ug/L											<10.6					
Fluoranthene	2009-03	ug/L						~~< 10~~	~~< 10~~	~~< 10~~								
Fluoranthene	2009-06	ug/L					~~< 10.0~~	~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10~~			~~< 10.0~~				
Fluoranthene	2009-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
Fluoranthene	2009-12	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
Fluoranthene	2010-03	ug/L					~~< 10.0~~				~~< 10.0~~			~~< 10.0~~				
Fluoranthene	2010-06	ug/L										~~< 10.0~~						
Fluoranthene	2010-08	ug/L										~~< 10.0~~	~~< 10.0~~					
Fluoranthene	2010-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~				
Fluoranthene	2010-12	ug/L										~~< 10.0~~						
Fluoranthene	2011-03	ug/L											~~< 10.0~~		~~< 10.0~~			
Fluoranthene	2011-06	ug/L											~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Fluoranthene	2011-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Fluoranthene	2011-12	ug/L													~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Fluoranthene	2012-03	ug/L														~~< 10.0~~	~~< 10.0~~	
Fluoranthene	2014-12	ug/L															~~< 10.2~~	
Fluoranthene	2016-10	ug/L							<10	<10	<10.9					<11.2	<11.1	
Fluoranthene	2017-10	ug/L						<10.5										
Fluoranthene	2017-12	ug/L					<10.6					<10.4						<10.4
Fluoranthene	2018-07	ug/L											<10.4					
Fluoranthene	2018-10	ug/L											<10.4					
Fluoranthene	2019-05	ug/L																
Fluoranthene	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
Fluoranthene	2021-12	ug/L																
Fluoranthene	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
Fluoranthene	2024-04	ug/L											<10.6					
Fluorene	2009-03	ug/L						~~< 10~~	~~< 10~~	~~< 10~~								
Fluorene	2009-06	ug/L					~~< 10.0~~	~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10~~			~~< 10.0~~				
Fluorene	2009-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
Fluorene	2009-12	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
Fluorene	2010-03	ug/L					~~< 10.0~~				~~< 10.0~~			~~< 10.0~~				
Fluorene	2010-06	ug/L										~~< 10.0~~						
Fluorene	2010-08	ug/L										~~< 10.0~~	~~< 10.0~~					
Fluorene	2010-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~				
Fluorene	2010-12	ug/L										~~< 10.0~~						
Fluorene	2011-03	ug/L											~~< 10.0~~		~~< 10.0~~			
Fluorene	2011-06	ug/L											~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Fluorene	2011-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Fluorene	2011-12	ug/L													~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Fluorene	2012-03	ug/L														~~< 10.0~~	~~< 10.0~~	
Fluorene	2014-12	ug/L															~~< 10.2~~	
Fluorene	2016-10	ug/L							<10	<10	<10.9					<11.2	<11.1	
Fluorene	2017-10	ug/L						<10.5										
Fluorene	2017-12	ug/L					<10.6					<10.4						<10.4
Fluorene	2018-07	ug/L											<10.4					
Fluorene	2018-10	ug/L											<10.4					
Fluorene	2019-05	ug/L																
Fluorene	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
Fluorene	2021-12	ug/L																
Fluorene	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47

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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
Famphur	2017-10	ug/L																
Famphur	2017-12	ug/L			<20.8													
Famphur	2018-07	ug/L								<10.1								
Famphur	2018-10	ug/L								<10.3								
Famphur	2019-05	ug/L		<10.1														
Famphur	2021-10	ug/L																
Famphur	2021-12	ug/L	<10.5															
Famphur	2022-10	ug/L			<8.77													
Famphur	2024-04	ug/L		<10.2														
Fluoranthene	2009-03	ug/L																
Fluoranthene	2009-06	ug/L																
Fluoranthene	2009-09	ug/L																
Fluoranthene	2009-12	ug/L																
Fluoranthene	2010-03	ug/L																
Fluoranthene	2010-06	ug/L																
Fluoranthene	2010-08	ug/L																
Fluoranthene	2010-09	ug/L																
Fluoranthene	2010-12	ug/L																
Fluoranthene	2011-03	ug/L																
Fluoranthene	2011-06	ug/L																
Fluoranthene	2011-09	ug/L																
Fluoranthene	2011-12	ug/L																
Fluoranthene	2012-03	ug/L																
Fluoranthene	2014-12	ug/L																
Fluoranthene	2016-10	ug/L									<10.4					<10.3	<10.2	
Fluoranthene	2017-10	ug/L																
Fluoranthene	2017-12	ug/L			**0.653 J**													
Fluoranthene	2018-07	ug/L								<10.1								
Fluoranthene	2018-10	ug/L								<10.3								
Fluoranthene	2019-05	ug/L		<10.1														
Fluoranthene	2021-10	ug/L																
Fluoranthene	2021-12	ug/L	<10.5															
Fluoranthene	2022-10	ug/L			<8.77													
Fluoranthene	2024-04	ug/L		<10.2														
Fluorene	2009-03	ug/L																
Fluorene	2009-06	ug/L																
Fluorene	2009-09	ug/L																
Fluorene	2009-12	ug/L																
Fluorene	2010-03	ug/L																
Fluorene	2010-06	ug/L																
Fluorene	2010-08	ug/L																
Fluorene	2010-09	ug/L																
Fluorene	2010-12	ug/L																
Fluorene	2011-03	ug/L																
Fluorene	2011-06	ug/L																
Fluorene	2011-09	ug/L																
Fluorene	2011-12	ug/L																
Fluorene	2012-03	ug/L																
Fluorene	2014-12	ug/L																
Fluorene	2016-10	ug/L									<10.4					<10.3	<10.2	
Fluorene	2017-10	ug/L																
Fluorene	2017-12	ug/L			<10.4													
Fluorene	2018-07	ug/L								<10.1								
Fluorene	2018-10	ug/L								<10.3								
Fluorene	2019-05	ug/L		<10.1														
Fluorene	2021-10	ug/L																
Fluorene	2021-12	ug/L	<10.5															
Fluorene	2022-10	ug/L			<8.77													

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
Fluorene	2024-04	ug/L											<10.6					
Fluorotrichloromethane	2008-01	ug/L					~~< 4~~	~~< 4~~	~~< 4.00~~	~~< 4~~	~~< 4~~	~~< 4~~	~~< 4~~	~~< 4~~	~~< 4~~			
Fluorotrichloromethane	2008-03	ug/L					~~< 4.00~~	~~< 4.00~~	~~< 4.00~~	~~< 4.00~~	~~< 4.00~~	~~< 4.00~~	~~< 4.00~~	~~< 4.00~~	~~< 4.00~~			
Fluorotrichloromethane	2008-08	ug/L					~~< 4~~	~~< 4~~	~~< 4~~	~~< 4~~	~~< 4~~	~~< 4~~	~~< 4~~	~~< 4~~	~~< 4~~			
Fluorotrichloromethane	2008-09	ug/L					~~< 4~~	~~< 4~~	~~< 4~~	~~< 4~~	~~< 4~~	~~< 4~~	~~< 4~~	~~< 4~~	~~< 4~~			
Fluorotrichloromethane	2008-10	ug/L					~~< 4~~	~~< 4~~	~~< 4~~	~~< 4~~	~~< 4~~	~~< 4~~	~~< 4~~	~~< 4~~	~~< 4~~			
Fluorotrichloromethane	2009-03	ug/L					~~< 4~~	~~< 4~~	~~< 4~~	~~< 4~~	~~< 4~~	~~< 4~~	~~< 4~~	~~< 4~~	~~< 4~~			
Fluorotrichloromethane	2009-06	ug/L					~~< 20.0~~	~~< 4~~	~~< 4~~	~~< 4.00~~	~~< 4~~			~~< 4.00~~				
Fluorotrichloromethane	2009-09	ug/L					~~< 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~~	~~< 4.00~~	~~< 4.00~~	~~< 4.00~~			~~< 4.00~~				
Fluorotrichloromethane	2010-03	ug/L					~~< 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~~	~~< 4.00~~	~~< 4.00~~
Fluorotrichloromethane	2010-08	ug/L										~~< 4.00~~	~~< 4.00~~			~~< 4.00~~	~~< 4.00~~	~~< 4.00~~
Fluorotrichloromethane	2010-09	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	2010-12	ug/L										~~< 4.00~~				~~< 4.00~~	~~< 4.00~~	~~< 4.00~~
Fluorotrichloromethane	2011-03	ug/L		~~< 4.00~~			~~< 4.00~~	~~< 4.00~~	~~< 4.00~~	~~< 40.0~~	~~< 4.00~~	~~< 4.00~~	~~< 4.00~~	~~< 4.00~~	~~< 4.00~~	~~< 4.00~~	~~< 4.00~~	~~< 4.00~~
Fluorotrichloromethane	2011-04	ug/L					~~< 4.00~~		~~< 4.00~~	~~< 40.0~~	~~< 4.00~~						~~< 4.00~~	
Fluorotrichloromethane	2011-06	ug/L		~~< 4.00~~									~~< 4.00~~		~~< 4.00~~	~~< 4.00~~	~~< 4.00~~	
Fluorotrichloromethane	2011-07	ug/L	~~< 4.00~~															
Fluorotrichloromethane	2011-08	ug/L		~~< 4.00~~														
Fluorotrichloromethane	2011-09	ug/L	~~< 4.00~~	~~< 4.00~~			~~< 4.00~~	~~< 4.00~~	~~< 4.00~~	~~< 40.0~~	~~< 4.00~~	~~< 4.00~~		~~< 4.00~~	~~< 4.00~~	~~< 4.00~~	~~< 4.00~~	~~< 4.00~~
Fluorotrichloromethane	2011-12	ug/L	~~< 4.00~~	~~< 4.00~~											~~< 4.00~~	~~< 4.00~~	~~< 4.00~~	
Fluorotrichloromethane	2012-03	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~~	~~< 4.00~~	~~< 4.00~~
Fluorotrichloromethane	2012-06	ug/L																
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	2013-03	ug/L	~~< 4.00~~	~~< 4.00~~			~~< 4.00~~	~~< 4.00~~	~~< 4.00~~	~~< 40.0~~	~~< 4.00~~	~~< 4.00~~		~~< 4.00~~	~~< 4.00~~	~~< 4.00~~	~~< 4.00~~	~~< 4.00~~
Fluorotrichloromethane	2013-06	ug/L																
Fluorotrichloromethane	2013-09	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~~	~~< 4.00~~
Fluorotrichloromethane	2013-11	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~~	~~< 4.00~~	~~< 4.00~~
Fluorotrichloromethane	2014-06	ug/L																
Fluorotrichloromethane	2014-09	ug/L	~~< 4~~	~~< 4~~			~~< 4.00~~	~~< 4.00~~	~~< 4.00~~	~~< 4.00~~	~~< 4~~	~~< 4~~	~~< 4~~	~~< 4.00~~	~~< 4.00~~	~~< 4.00~~	~~< 4.00~~	~~< 4~~
Fluorotrichloromethane	2014-12	ug/L															~~< 4.00~~	
Fluorotrichloromethane	2015-04	ug/L	< 4.00	< 4			< 4	< 4.00	< 4	< 4	< 4	< 4.00	< 4.00			< 4.00	< 4	< 4
Fluorotrichloromethane	2015-10	ug/L	<4	<4			<4	<4	<4	<4	<4	<4				<4	<4	<4
Fluorotrichloromethane	2016-04	ug/L	<4	<4			<4	<4	<4	<4	<4	<4	<4			<4	<4	<4
Fluorotrichloromethane	2016-10	ug/L	<4	<4			<4	<4	<4	<4	<4	<4	<4			<4	<4	<4
Fluorotrichloromethane	2017-03	ug/L	<4	<4			<4	<4	<4	<4	<4	<4	<4			<4	<4	<4
Fluorotrichloromethane	2017-10	ug/L	<4	<4			<4	<4	<4	<4	<4	<4				<4	<4	<4
Fluorotrichloromethane	2017-12	ug/L					<4					<4						<4
Fluorotrichloromethane	2018-04	ug/L	<4	<4	<4		<4	<4	<4	<4	<4	<4	<4			<4	<4	<4
Fluorotrichloromethane	2018-07	ug/L											<4					
Fluorotrichloromethane	2018-10	ug/L	<4	<4			<4	<4	<4	<4	<4	<4	<4			<4	<4	<4
Fluorotrichloromethane	2019-01	ug/L																
Fluorotrichloromethane	2019-03	ug/L	<4	<4			<4	<4	<4	<1	<4	<4	<4			<4	<4	<4
Fluorotrichloromethane	2019-05	ug/L																
Fluorotrichloromethane	2019-10	ug/L	<4	<4			<4	<4	<4	<4	<4	<4	<4			<4	<4	<4
Fluorotrichloromethane	2020-03	ug/L	<4	<4			<4	<4	<4	<4	<4	<4	<4			<4	<4	<4
Fluorotrichloromethane	2020-09	ug/L	<4	<4			<4	<4	<4	<4	<4	<4	<4			<4	<4	<4
Fluorotrichloromethane	2021-03	ug/L	<4	<4			<4	<4	<4	<4	<4	<4	<4			<4	<4	<4
Fluorotrichloromethane	2021-05	ug/L																
Fluorotrichloromethane	2021-08	ug/L																
Fluorotrichloromethane	2021-10	ug/L	<4	<4	<4		<4	<4	<4	<4	<4	<4	<4			<4	<4	<4
Fluorotrichloromethane	2021-12	ug/L																
Fluorotrichloromethane	2022-02	ug/L	<4		<4	<4												
Fluorotrichloromethane	2022-04	ug/L	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4			<4	<4	<4
Fluorotrichloromethane	2022-07	ug/L			<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-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
Fluorene	2024-04	ug/L		<10.2														
Fluorotrichloromethane	2008-01	ug/L																
Fluorotrichloromethane	2008-03	ug/L																
Fluorotrichloromethane	2008-08	ug/L																
Fluorotrichloromethane	2008-09	ug/L																
Fluorotrichloromethane	2008-10	ug/L																
Fluorotrichloromethane	2009-03	ug/L																
Fluorotrichloromethane	2009-06	ug/L																
Fluorotrichloromethane	2009-09	ug/L																
Fluorotrichloromethane	2009-12	ug/L																
Fluorotrichloromethane	2010-03	ug/L																
Fluorotrichloromethane	2010-06	ug/L	~~< 4.00~~	~~< 4.00~~														
Fluorotrichloromethane	2010-08	ug/L	~~< 4.00~~	~~< 4.00~~														
Fluorotrichloromethane	2010-09	ug/L	~~< 4.00~~	~~< 4.00~~														
Fluorotrichloromethane	2010-12	ug/L	~~< 4.00~~	~~< 4.00~~														
Fluorotrichloromethane	2011-03	ug/L	~~< 4.00~~	~~< 4.00~~														
Fluorotrichloromethane	2011-04	ug/L																
Fluorotrichloromethane	2011-06	ug/L																
Fluorotrichloromethane	2011-07	ug/L																
Fluorotrichloromethane	2011-08	ug/L																
Fluorotrichloromethane	2011-09	ug/L	~~< 4.00~~	~~< 4.00~~														
Fluorotrichloromethane	2011-12	ug/L																
Fluorotrichloromethane	2012-03	ug/L	~~< 4.00~~	~~< 4.00~~														
Fluorotrichloromethane	2012-06	ug/L									~~< 4.00~~	~~< 4.00~~		~~< 4.00~~		~~< 4.00~~	~~< 4.00~~	
Fluorotrichloromethane	2012-10	ug/L																
Fluorotrichloromethane	2013-03	ug/L	~~< 4.00~~								~~< 4.00~~							
Fluorotrichloromethane	2013-06	ug/L			~~< 4.00~~													
Fluorotrichloromethane	2013-09	ug/L	~~< 4.00~~	~~< 4.00~~	~~< 4.00~~						~~< 4.00~~							
Fluorotrichloromethane	2013-11	ug/L			~~< 4.00~~													
Fluorotrichloromethane	2014-03	ug/L	~~< 4.00~~		~~< 4.00~~						~~< 4.00~~							
Fluorotrichloromethane	2014-06	ug/L		~~< 4.00~~	~~< 4.00~~													
Fluorotrichloromethane	2014-09	ug/L	~~< 4~~	~~< 4~~	~~< 4~~						~~< 4~~							
Fluorotrichloromethane	2014-12	ug/L																
Fluorotrichloromethane	2015-04	ug/L	< 4.00	< 4.00	< 4.00						< 4							
Fluorotrichloromethane	2015-10	ug/L	<4	<4	<4						<4					<4	<4	
Fluorotrichloromethane	2016-04	ug/L	<4	<4	<4						<4					<4	<4	
Fluorotrichloromethane	2016-10	ug/L	<4	<4	<4						<4					<4	<4	
Fluorotrichloromethane	2017-03	ug/L	<4	<4	<4						<4					<4	<4	
Fluorotrichloromethane	2017-10	ug/L	<4	<4	<4						<4					<4	<4	
Fluorotrichloromethane	2017-12	ug/L			<4													
Fluorotrichloromethane	2018-04	ug/L	<4	<4	<4						<4					<4	<4	
Fluorotrichloromethane	2018-07	ug/L								<4								
Fluorotrichloromethane	2018-10	ug/L	<4	<4	<4					<4	<4					<4	<4	
Fluorotrichloromethane	2019-01	ug/L								<4								
Fluorotrichloromethane	2019-03	ug/L	<4	<4	<4					<4	<4					<4	<4	
Fluorotrichloromethane	2019-05	ug/L		<4						<4								
Fluorotrichloromethane	2019-10	ug/L	<4	<4	<4					<4	<4					<4	<4	
Fluorotrichloromethane	2020-03	ug/L	<4	<4	<4					<4	<4					<4	<4	
Fluorotrichloromethane	2020-09	ug/L	<4	<4	<4					<4	<4					<4	<4	
Fluorotrichloromethane	2021-03	ug/L	<4	<4	<4			<4	<4	<4	<4					<4	<4	
Fluorotrichloromethane	2021-05	ug/L	<4															
Fluorotrichloromethane	2021-08	ug/L						<4	<4									
Fluorotrichloromethane	2021-10	ug/L	<4	<4	<4			<4	<4	<4	<4							
Fluorotrichloromethane	2021-12	ug/L	<4															
Fluorotrichloromethane	2022-02	ug/L						<4	<4									
Fluorotrichloromethane	2022-04	ug/L	<4	<4	<4			<4	<4	<4	<4							
Fluorotrichloromethane	2022-07	ug/L																
Fluorotrichloromethane	2022-10	ug/L	<4	<4	<4			<4	<4	<4	<4							

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
Fluorotrichloromethane	2023-04	ug/L	<4	<4		<4	<4	<4	<4	<4	<4	<4	<4			<4	<4	<4
Fluorotrichloromethane	2023-05	ug/L			<4													
Fluorotrichloromethane	2023-10	ug/L	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4				<4	<4	<4
Fluorotrichloromethane	2024-04	ug/L	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4			<4	<4	<4
Fluorotrichloromethane	2024-09	ug/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4			< 4	< 4	< 4
Fluorotrichloromethane	2025-03	ug/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4			< 4	< 4	< 4
Fluorotrichloromethane	2025-08	ug/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4			< 4	< 4	< 4
Heptachlor	2009-03	ug/L						~~< 0.032~~	~~< 0.032~~	~~< 0.032~~								
Heptachlor	2009-06	ug/L					~~< 0.0320~~	~~< 0.032~~	~~< 0.032~~	~~< 0.0320~~	~~< 0.032~~			~~< 0.0320~~				
Heptachlor	2009-09	ug/L					~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~			~~< 0.0320~~				
Heptachlor	2009-12	ug/L					~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~			~~< 0.0320~~				
Heptachlor	2010-03	ug/L					~~< 0.0320~~				~~< 0.0320~~			~~< 0.0320~~				
Heptachlor	2010-06	ug/L										~~< 0.0320~~						
Heptachlor	2010-08	ug/L										~~< 0.0320~~	~~< 0.0320~~					
Heptachlor	2010-09	ug/L					~~< 0.0320~~	~~**0.243**~~	~~**0.041**~~	~~**0.39**~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~**0.0503**~~				
Heptachlor	2010-12	ug/L										~~< 0.0320~~						
Heptachlor	2011-03	ug/L						~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~			
Heptachlor	2011-06	ug/L											~~< 0.0320~~		~~< 0.0320~~	~~< 0.0392~~	~~< 0.0320~~	
Heptachlor	2011-09	ug/L					~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~		~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	
Heptachlor	2011-12	ug/L													~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	
Heptachlor	2012-03	ug/L						~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~				~~< 0.0320~~		~~< 0.0320~~	~~< 0.0320~~	
Heptachlor	2012-10	ug/L						~~< 0.0320~~	~~< 0.0404~~	~~< 0.0320~~				~~< 0.0320~~				
Heptachlor	2013-03	ug/L						~~< 0.0395~~	~~**0.00502**~~	~~**0.0133**~~				~~**0.0254**~~				
Heptachlor	2013-09	ug/L							~~**0.00457**~~	~~< 0.0327~~				~~**0.00594**~~				
Heptachlor	2014-03	ug/L							~~**0.0119**~~	~~**0.0168**~~				~~**0.00868**~~				
Heptachlor	2014-09	ug/L							~~**0.00699**~~	~~**0.0154**~~				~~**0.0135**~~				
Heptachlor	2014-12	ug/L															~~**0.00408**~~	
Heptachlor	2015-04	ug/L							**0.00543**	**0.00908**								
Heptachlor	2015-10	ug/L							<0.032	<0.032								
Heptachlor	2016-10	ug/L							<0.033	<0.032	<0.0344					<0.033	<0.033	
Heptachlor	2017-03	ug/L							<0.0518	**0.103**								
Heptachlor	2017-10	ug/L						<0.0333	<0.0333	<0.0337								
Heptachlor	2017-12	ug/L					<0.0333					<0.0333						<0.0333
Heptachlor	2018-04	ug/L							<0.0344	<0.034								
Heptachlor	2018-07	ug/L											**0.00333 J**					
Heptachlor	2018-10	ug/L							<0.033	**0.00997 J**			<0.033					
Heptachlor	2019-03	ug/L							<0.0327	<4								
Heptachlor	2019-05	ug/L																
Heptachlor	2019-10	ug/L							<0.0328	**0.0497**								
Heptachlor	2020-03	ug/L								<0.033								
Heptachlor	2020-09	ug/L								<0.0376								
Heptachlor	2021-10	ug/L							<0.0337	<0.0337	<0.0337					<0.0337	<0.0337	
Heptachlor	2021-12	ug/L																
Heptachlor	2022-02	ug/L																
Heptachlor	2022-04	ug/L																
Heptachlor	2022-07	ug/L																
Heptachlor	2022-10	ug/L					<0.0542	<0.0561				<0.0542						<0.0582
Heptachlor	2023-04	ug/L									<0.064							
Heptachlor	2023-10	ug/L																
Heptachlor	2024-04	ug/L											<0.064					
Heptachlor	2024-09	ug/L																
Heptachlor	2025-03	ug/L																
Heptachlor	2025-08	ug/L																
Heptachlor Epoxide	2009-03	ug/L						~~< 0.032~~	~~< 0.032~~	~~< 0.032~~								
Heptachlor Epoxide	2009-06	ug/L					~~< 0.0320~~	~~< 0.032~~	~~< 0.032~~	~~< 0.0320~~	~~< 0.032~~			~~< 0.0320~~				
Heptachlor Epoxide	2009-09	ug/L					~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~			~~< 0.0320~~				
Heptachlor Epoxide	2009-12	ug/L					~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~			~~< 0.0320~~				
Heptachlor Epoxide	2010-03	ug/L					~~< 0.0320~~				~~< 0.0320~~			~~< 0.0320~~				

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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
Fluorotrichloromethane	2023-04	ug/L	<4	<4	<4			<4	<4	<4	<4							
Fluorotrichloromethane	2023-05	ug/L																
Fluorotrichloromethane	2023-10	ug/L	<4	<4	<4			<4	<4	<4	<4							
Fluorotrichloromethane	2024-04	ug/L	<4	<4	<4			<4	<4	<4	<4							
Fluorotrichloromethane	2024-09	ug/L	< 4	< 4	< 4			< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Fluorotrichloromethane	2025-03	ug/L	< 4	< 4	< 4			< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Fluorotrichloromethane	2025-08	ug/L	< 4	< 4	< 4			< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Heptachlor	2009-03	ug/L																
Heptachlor	2009-06	ug/L																
Heptachlor	2009-09	ug/L																
Heptachlor	2009-12	ug/L																
Heptachlor	2010-03	ug/L																
Heptachlor	2010-06	ug/L																
Heptachlor	2010-08	ug/L																
Heptachlor	2010-09	ug/L																
Heptachlor	2010-12	ug/L																
Heptachlor	2011-03	ug/L																
Heptachlor	2011-06	ug/L																
Heptachlor	2011-09	ug/L																
Heptachlor	2011-12	ug/L																
Heptachlor	2012-03	ug/L																
Heptachlor	2012-10	ug/L																
Heptachlor	2013-03	ug/L									~~< 0.0330~~							
Heptachlor	2013-09	ug/L									**~~0.00377~~**							
Heptachlor	2014-03	ug/L									**~~0.00314~~**							
Heptachlor	2014-09	ug/L									~~< 0.032~~							
Heptachlor	2014-12	ug/L																
Heptachlor	2015-04	ug/L									< 0.033							
Heptachlor	2015-10	ug/L									<0.032					<0.032	<0.032	
Heptachlor	2016-10	ug/L									<0.0333					<0.0333	<0.0333	
Heptachlor	2017-03	ug/L									<0.032					<0.0323	<0.032	
Heptachlor	2017-10	ug/L									<0.0333					<0.0323	<0.0327	
Heptachlor	2017-12	ug/L			<0.0333													
Heptachlor	2018-04	ug/L																
Heptachlor	2018-07	ug/L								**0.00268 J**								
Heptachlor	2018-10	ug/L								<0.033								
Heptachlor	2019-03	ug/L																
Heptachlor	2019-05	ug/L		<0.0327														
Heptachlor	2019-10	ug/L																
Heptachlor	2020-03	ug/L																
Heptachlor	2020-09	ug/L																
Heptachlor	2021-10	ug/L																
Heptachlor	2021-12	ug/L	**0.0463**															
Heptachlor	2022-02	ug/L	<0.064															
Heptachlor	2022-04	ug/L	<0.064															
Heptachlor	2022-07	ug/L	<0.064															
Heptachlor	2022-10	ug/L			<0.0542													
Heptachlor	2023-04	ug/L	<0.064															
Heptachlor	2023-10	ug/L	<0.064															
Heptachlor	2024-04	ug/L	<0.064	<0.064														
Heptachlor	2024-09	ug/L	< 0.0962							< 0.0956	< 0.0919							
Heptachlor	2025-03	ug/L	< 0.0919							< 0.0951	< 0.0923							
Heptachlor	2025-08	ug/L	< 0.0926							< 0.0975	< 0.0938							
Heptachlor Epoxide	2009-03	ug/L																
Heptachlor Epoxide	2009-06	ug/L																
Heptachlor Epoxide	2009-09	ug/L																
Heptachlor Epoxide	2009-12	ug/L																
Heptachlor Epoxide	2010-03	ug/L																

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
Heptachlor Epoxide	2010-06	ug/L										~~< 0.0320~~						
Heptachlor Epoxide	2010-08	ug/L										~~< 0.0320~~	~~< 0.0320~~					
Heptachlor Epoxide	2010-09	ug/L					~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~				
Heptachlor Epoxide	2010-12	ug/L										~~< 0.0320~~						
Heptachlor Epoxide	2011-03	ug/L						~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~			
Heptachlor Epoxide	2011-06	ug/L											~~< 0.0320~~		~~< 0.0320~~	~~< 0.0392~~	~~< 0.0320~~	
Heptachlor Epoxide	2011-09	ug/L					~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~		~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	
Heptachlor Epoxide	2011-12	ug/L													~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	
Heptachlor Epoxide	2012-03	ug/L														~~< 0.0320~~	~~< 0.0320~~	
Heptachlor Epoxide	2014-12	ug/L															~~< 0.0352~~	
Heptachlor Epoxide	2016-10	ug/L							<0.033	<0.032	<0.0344					<0.033	<0.033	
Heptachlor Epoxide	2017-10	ug/L						<0.0333										
Heptachlor Epoxide	2017-12	ug/L					<0.0333					<0.0333						<0.0333
Heptachlor Epoxide	2018-07	ug/L											**0.00637 J**					
Heptachlor Epoxide	2018-10	ug/L											<0.033					
Heptachlor Epoxide	2019-05	ug/L																
Heptachlor Epoxide	2021-10	ug/L							<0.0337	<0.0337	<0.0337					<0.0337	<0.0337	
Heptachlor Epoxide	2021-12	ug/L																
Heptachlor Epoxide	2022-10	ug/L					<0.0542	<0.0561				<0.0542						<0.0582
Heptachlor Epoxide	2023-04	ug/L									<0.064							
Heptachlor Epoxide	2024-04	ug/L											<0.064					
Hexachlorobenzene	2009-03	ug/L						~~< 10~~	~~< 10~~	~~< 10~~								
Hexachlorobenzene	2009-06	ug/L					~~< 10.0~~	~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10~~			~~< 10.0~~				
Hexachlorobenzene	2009-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
Hexachlorobenzene	2009-12	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
Hexachlorobenzene	2010-03	ug/L					~~< 10.0~~				~~< 10.0~~			~~< 10.0~~				
Hexachlorobenzene	2010-06	ug/L										~~< 10.0~~						
Hexachlorobenzene	2010-08	ug/L										~~< 10.0~~	~~< 10.0~~					
Hexachlorobenzene	2010-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~				
Hexachlorobenzene	2010-12	ug/L										~~< 10.0~~						
Hexachlorobenzene	2011-03	ug/L											~~< 10.0~~		~~< 10.0~~			
Hexachlorobenzene	2011-06	ug/L											~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Hexachlorobenzene	2011-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Hexachlorobenzene	2011-12	ug/L													~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Hexachlorobenzene	2012-03	ug/L														~~< 10.0~~	~~< 10.0~~	
Hexachlorobenzene	2014-12	ug/L															~~< 10.2~~	
Hexachlorobenzene	2016-10	ug/L							<10	<10	<10.9					<11.2	<11.1	
Hexachlorobenzene	2017-10	ug/L						<10.5										
Hexachlorobenzene	2017-12	ug/L					<10.6					<10.4						<10.4
Hexachlorobenzene	2018-07	ug/L											<10.4					
Hexachlorobenzene	2018-10	ug/L											<10.4					
Hexachlorobenzene	2019-05	ug/L																
Hexachlorobenzene	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
Hexachlorobenzene	2021-12	ug/L																
Hexachlorobenzene	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
Hexachlorobenzene	2024-04	ug/L											<10.6					
Hexachlorobutadiene	2009-03	ug/L						~~< 10~~	~~< 10~~	~~< 10~~								
Hexachlorobutadiene	2009-06	ug/L					~~< 10.0~~	~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10~~			~~< 10.0~~				
Hexachlorobutadiene	2009-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
Hexachlorobutadiene	2009-12	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
Hexachlorobutadiene	2010-03	ug/L					~~< 10.0~~				~~< 10.0~~			~~< 10.0~~				
Hexachlorobutadiene	2010-06	ug/L										~~< 10.0~~						
Hexachlorobutadiene	2010-08	ug/L										~~< 10.0~~	~~< 10.0~~					
Hexachlorobutadiene	2010-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~				
Hexachlorobutadiene	2010-12	ug/L										~~< 10.0~~						
Hexachlorobutadiene	2011-03	ug/L											~~< 10.0~~		~~< 10.0~~			
Hexachlorobutadiene	2011-06	ug/L											~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Hexachlorobutadiene	2011-09	ug/L					~~< 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-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
Heptachlor Epoxide	2010-06	ug/L																
Heptachlor Epoxide	2010-08	ug/L																
Heptachlor Epoxide	2010-09	ug/L																
Heptachlor Epoxide	2010-12	ug/L																
Heptachlor Epoxide	2011-03	ug/L																
Heptachlor Epoxide	2011-06	ug/L																
Heptachlor Epoxide	2011-09	ug/L																
Heptachlor Epoxide	2011-12	ug/L																
Heptachlor Epoxide	2012-03	ug/L																
Heptachlor Epoxide	2014-12	ug/L																
Heptachlor Epoxide	2016-10	ug/L									<0.0333					<0.0333	<0.0333	
Heptachlor Epoxide	2017-10	ug/L																
Heptachlor Epoxide	2017-12	ug/L			<0.0333													
Heptachlor Epoxide	2018-07	ug/L								<0.0323								
Heptachlor Epoxide	2018-10	ug/L								<0.033								
Heptachlor Epoxide	2019-05	ug/L		<0.0327														
Heptachlor Epoxide	2021-10	ug/L																
Heptachlor Epoxide	2021-12	ug/L	<0.0337															
Heptachlor Epoxide	2022-10	ug/L			<0.0542													
Heptachlor Epoxide	2023-04	ug/L	<0.064															
Heptachlor Epoxide	2024-04	ug/L		<0.064														
Hexachlorobenzene	2009-03	ug/L																
Hexachlorobenzene	2009-06	ug/L																
Hexachlorobenzene	2009-09	ug/L																
Hexachlorobenzene	2009-12	ug/L																
Hexachlorobenzene	2010-03	ug/L																
Hexachlorobenzene	2010-06	ug/L																
Hexachlorobenzene	2010-08	ug/L																
Hexachlorobenzene	2010-09	ug/L																
Hexachlorobenzene	2010-12	ug/L																
Hexachlorobenzene	2011-03	ug/L																
Hexachlorobenzene	2011-06	ug/L																
Hexachlorobenzene	2011-09	ug/L																
Hexachlorobenzene	2011-12	ug/L																
Hexachlorobenzene	2012-03	ug/L																
Hexachlorobenzene	2014-12	ug/L																
Hexachlorobenzene	2016-10	ug/L									<10.4					<10.3	<10.2	
Hexachlorobenzene	2017-10	ug/L																
Hexachlorobenzene	2017-12	ug/L			<10.4													
Hexachlorobenzene	2018-07	ug/L								<10.1								
Hexachlorobenzene	2018-10	ug/L								<10.3								
Hexachlorobenzene	2019-05	ug/L		<10.1														
Hexachlorobenzene	2021-10	ug/L																
Hexachlorobenzene	2021-12	ug/L	<10.5															
Hexachlorobenzene	2022-10	ug/L			<8.77													
Hexachlorobenzene	2024-04	ug/L		<10.2														
Hexachlorobutadiene	2009-03	ug/L																
Hexachlorobutadiene	2009-06	ug/L																
Hexachlorobutadiene	2009-09	ug/L																
Hexachlorobutadiene	2009-12	ug/L																
Hexachlorobutadiene	2010-03	ug/L																
Hexachlorobutadiene	2010-06	ug/L																
Hexachlorobutadiene	2010-08	ug/L																
Hexachlorobutadiene	2010-09	ug/L																
Hexachlorobutadiene	2010-12	ug/L																
Hexachlorobutadiene	2011-03	ug/L																
Hexachlorobutadiene	2011-06	ug/L																
Hexachlorobutadiene	2011-09	ug/L																

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
Hexachlorobutadiene	2011-12	ug/L													~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Hexachlorobutadiene	2012-03	ug/L														~~< 10.0~~	~~< 10.0~~	
Hexachlorobutadiene	2014-12	ug/L															~~< 10.2~~	
Hexachlorobutadiene	2016-10	ug/L							<10	<10	<10.9					<11.2	<11.1	
Hexachlorobutadiene	2017-10	ug/L						<10.5										
Hexachlorobutadiene	2017-12	ug/L					<10.6					<10.4						<10.4
Hexachlorobutadiene	2018-07	ug/L											<10.4					
Hexachlorobutadiene	2018-10	ug/L											<10.4					
Hexachlorobutadiene	2019-05	ug/L																
Hexachlorobutadiene	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
Hexachlorobutadiene	2021-12	ug/L																
Hexachlorobutadiene	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
Hexachlorobutadiene	2024-04	ug/L											<10.6					
Hexachlorocyclopentadiene	2009-03	ug/L						~~< 10~~	~~< 10~~	~~< 10~~								
Hexachlorocyclopentadiene	2009-06	ug/L					~~< 10.0~~	~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10~~			~~< 10.0~~				
Hexachlorocyclopentadiene	2009-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
Hexachlorocyclopentadiene	2009-12	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
Hexachlorocyclopentadiene	2010-03	ug/L					~~< 10.0~~				~~< 10.0~~			~~< 10.0~~				
Hexachlorocyclopentadiene	2010-06	ug/L										~~< 10.0~~						
Hexachlorocyclopentadiene	2010-08	ug/L										~~< 10.0~~	~~< 10.0~~					
Hexachlorocyclopentadiene	2010-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~				
Hexachlorocyclopentadiene	2010-12	ug/L										~~< 10.0~~						
Hexachlorocyclopentadiene	2011-03	ug/L											~~< 10.0~~		~~< 10.0~~			
Hexachlorocyclopentadiene	2011-06	ug/L											~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Hexachlorocyclopentadiene	2011-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Hexachlorocyclopentadiene	2011-12	ug/L													~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Hexachlorocyclopentadiene	2012-03	ug/L														~~< 10.0~~	~~< 10.0~~	
Hexachlorocyclopentadiene	2014-12	ug/L															~~< 20.4~~	
Hexachlorocyclopentadiene	2016-10	ug/L							<20	<20	<21.7					<22.5	<22.2	
Hexachlorocyclopentadiene	2017-10	ug/L						<21.1										
Hexachlorocyclopentadiene	2017-12	ug/L					<21.3					<20.8						<20.8
Hexachlorocyclopentadiene	2018-07	ug/L											<10.4					
Hexachlorocyclopentadiene	2018-10	ug/L											<10.4					
Hexachlorocyclopentadiene	2019-05	ug/L																
Hexachlorocyclopentadiene	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
Hexachlorocyclopentadiene	2021-12	ug/L																
Hexachlorocyclopentadiene	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
Hexachlorocyclopentadiene	2024-04	ug/L											<10.6					
Hexachloroethane	2009-03	ug/L						~~< 10~~	~~< 10~~	~~< 10~~								
Hexachloroethane	2009-06	ug/L					~~< 10.0~~	~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10~~			~~< 10.0~~				
Hexachloroethane	2009-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
Hexachloroethane	2009-12	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
Hexachloroethane	2010-03	ug/L					~~< 10.0~~				~~< 10.0~~			~~< 10.0~~				
Hexachloroethane	2010-06	ug/L										~~< 10.0~~						
Hexachloroethane	2010-08	ug/L										~~< 10.0~~	~~< 10.0~~					
Hexachloroethane	2010-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~				
Hexachloroethane	2010-12	ug/L										~~< 10.0~~						
Hexachloroethane	2011-03	ug/L											~~< 10.0~~		~~< 10.0~~			
Hexachloroethane	2011-06	ug/L											~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Hexachloroethane	2011-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Hexachloroethane	2011-12	ug/L													~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Hexachloroethane	2012-03	ug/L														~~< 10.0~~	~~< 10.0~~	
Hexachloroethane	2014-12	ug/L															~~< 10.2~~	
Hexachloroethane	2016-10	ug/L							<10	<10	<10.9					<11.2	<11.1	
Hexachloroethane	2017-10	ug/L						<10.5										
Hexachloroethane	2017-12	ug/L					<10.6					<10.4						<10.4
Hexachloroethane	2018-07	ug/L											<10.4					
Hexachloroethane	2018-10	ug/L											<10.4					

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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
Hexachlorobutadiene	2011-12	ug/L																
Hexachlorobutadiene	2012-03	ug/L																
Hexachlorobutadiene	2014-12	ug/L																
Hexachlorobutadiene	2016-10	ug/L									<10.4					<10.3	<10.2	
Hexachlorobutadiene	2017-10	ug/L																
Hexachlorobutadiene	2017-12	ug/L			<10.4													
Hexachlorobutadiene	2018-07	ug/L								<10.1								
Hexachlorobutadiene	2018-10	ug/L								<10.3								
Hexachlorobutadiene	2019-05	ug/L		<10.1														
Hexachlorobutadiene	2021-10	ug/L																
Hexachlorobutadiene	2021-12	ug/L	<10.5															
Hexachlorobutadiene	2022-10	ug/L			<8.77													
Hexachlorobutadiene	2024-04	ug/L		<10.2														
Hexachlorocyclopentadiene	2009-03	ug/L																
Hexachlorocyclopentadiene	2009-06	ug/L																
Hexachlorocyclopentadiene	2009-09	ug/L																
Hexachlorocyclopentadiene	2009-12	ug/L																
Hexachlorocyclopentadiene	2010-03	ug/L																
Hexachlorocyclopentadiene	2010-06	ug/L																
Hexachlorocyclopentadiene	2010-08	ug/L																
Hexachlorocyclopentadiene	2010-09	ug/L																
Hexachlorocyclopentadiene	2010-12	ug/L																
Hexachlorocyclopentadiene	2011-03	ug/L																
Hexachlorocyclopentadiene	2011-06	ug/L																
Hexachlorocyclopentadiene	2011-09	ug/L																
Hexachlorocyclopentadiene	2011-12	ug/L																
Hexachlorocyclopentadiene	2012-03	ug/L																
Hexachlorocyclopentadiene	2014-12	ug/L																
Hexachlorocyclopentadiene	2016-10	ug/L									<20.8					<20.6	<20.4	
Hexachlorocyclopentadiene	2017-10	ug/L																
Hexachlorocyclopentadiene	2017-12	ug/L			<20.8													
Hexachlorocyclopentadiene	2018-07	ug/L								<10.1								
Hexachlorocyclopentadiene	2018-10	ug/L								<10.3								
Hexachlorocyclopentadiene	2019-05	ug/L		<10.1														
Hexachlorocyclopentadiene	2021-10	ug/L																
Hexachlorocyclopentadiene	2021-12	ug/L	<10.5															
Hexachlorocyclopentadiene	2022-10	ug/L			<8.77													
Hexachlorocyclopentadiene	2024-04	ug/L		<10.2														
Hexachloroethane	2009-03	ug/L																
Hexachloroethane	2009-06	ug/L																
Hexachloroethane	2009-09	ug/L																
Hexachloroethane	2009-12	ug/L																
Hexachloroethane	2010-03	ug/L																
Hexachloroethane	2010-06	ug/L																
Hexachloroethane	2010-08	ug/L																
Hexachloroethane	2010-09	ug/L																
Hexachloroethane	2010-12	ug/L																
Hexachloroethane	2011-03	ug/L																
Hexachloroethane	2011-06	ug/L																
Hexachloroethane	2011-09	ug/L																
Hexachloroethane	2011-12	ug/L																
Hexachloroethane	2012-03	ug/L																
Hexachloroethane	2014-12	ug/L																
Hexachloroethane	2016-10	ug/L									<10.4					<10.3	<10.2	
Hexachloroethane	2017-10	ug/L																
Hexachloroethane	2017-12	ug/L			<10.4													
Hexachloroethane	2018-07	ug/L								<10.1								
Hexachloroethane	2018-10	ug/L								<10.3								

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
Hexachloroethane	2019-05	ug/L																
Hexachloroethane	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
Hexachloroethane	2021-12	ug/L																
Hexachloroethane	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
Hexachloroethane	2024-04	ug/L											<10.6					
Hexachloropropene	2009-03	ug/L						~~<10~~	~~<10~~	~~<10~~								
Hexachloropropene	2009-06	ug/L					~~<10.0~~	~~<10~~	~~<10~~	~~<10.0~~	~~<10~~			~~<10.0~~				
Hexachloropropene	2009-09	ug/L					~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~			~~<10.0~~				
Hexachloropropene	2009-12	ug/L					~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~			~~<10.0~~				
Hexachloropropene	2010-03	ug/L					~~<10.0~~				~~<10.0~~			~~<10.0~~				
Hexachloropropene	2010-06	ug/L										~~<10.0~~						
Hexachloropropene	2010-08	ug/L										~~<10.0~~	~~<10.0~~					
Hexachloropropene	2010-09	ug/L					~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~				
Hexachloropropene	2010-12	ug/L										~~<10.0~~						
Hexachloropropene	2011-03	ug/L											~~<10.0~~		~~<10.0~~			
Hexachloropropene	2011-06	ug/L											~~<10.0~~		~~<10.0~~	~~<10.0~~	~~<10.0~~	
Hexachloropropene	2011-09	ug/L					~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~		~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	
Hexachloropropene	2011-12	ug/L													~~<10.0~~	~~<10.0~~	~~<10.0~~	
Hexachloropropene	2012-03	ug/L														~~<10.0~~	~~<10.0~~	
Hexachloropropene	2014-12	ug/L															~~<10.2~~	
Hexachloropropene	2016-10	ug/L							<10	<10	<10.9					<11.2	<11.1	
Hexachloropropene	2017-10	ug/L						<10.5										
Hexachloropropene	2017-12	ug/L					<10.6					<10.4						<10.4
Hexachloropropene	2018-07	ug/L											<10.4					
Hexachloropropene	2018-10	ug/L											<10.4					
Hexachloropropene	2019-05	ug/L																
Hexachloropropene	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
Hexachloropropene	2021-12	ug/L																
Hexachloropropene	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
Hexachloropropene	2024-04	ug/L											<10.6					
Indeno(1,2,3-cd)pyrene	2009-03	ug/L						~~<10~~	~~<10~~	~~<10~~								
Indeno(1,2,3-cd)pyrene	2009-06	ug/L					~~<10.0~~	~~<10~~	~~<10~~	~~<10.0~~	~~<10~~			~~<10.0~~				
Indeno(1,2,3-cd)pyrene	2009-09	ug/L					~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~			~~<10.0~~				
Indeno(1,2,3-cd)pyrene	2009-12	ug/L					~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~			~~<10.0~~				
Indeno(1,2,3-cd)pyrene	2010-03	ug/L					~~<10.0~~				~~<10.0~~			~~<10.0~~				
Indeno(1,2,3-cd)pyrene	2010-06	ug/L										~~<10.0~~						
Indeno(1,2,3-cd)pyrene	2010-08	ug/L										~~<10.0~~	~~<10.0~~					
Indeno(1,2,3-cd)pyrene	2010-09	ug/L					~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~				
Indeno(1,2,3-cd)pyrene	2010-12	ug/L										~~<10.0~~						
Indeno(1,2,3-cd)pyrene	2011-03	ug/L											~~<10.0~~		~~<10.0~~			
Indeno(1,2,3-cd)pyrene	2011-06	ug/L											~~<10.0~~		~~<10.0~~	~~<10.0~~	~~<10.0~~	
Indeno(1,2,3-cd)pyrene	2011-09	ug/L					~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~		~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	
Indeno(1,2,3-cd)pyrene	2011-12	ug/L													~~<10.0~~	~~<10.0~~	~~<10.0~~	
Indeno(1,2,3-cd)pyrene	2012-03	ug/L														~~<10.0~~	~~<10.0~~	
Indeno(1,2,3-cd)pyrene	2014-12	ug/L															~~<10.2~~	
Indeno(1,2,3-cd)pyrene	2016-10	ug/L							<10	<10	<10.9					<11.2	<11.1	
Indeno(1,2,3-cd)pyrene	2017-10	ug/L						<10.5										
Indeno(1,2,3-cd)pyrene	2017-12	ug/L					<10.6					<10.4						<10.4
Indeno(1,2,3-cd)pyrene	2018-07	ug/L											<10.4					
Indeno(1,2,3-cd)pyrene	2018-10	ug/L											<10.4					
Indeno(1,2,3-cd)pyrene	2019-05	ug/L																
Indeno(1,2,3-cd)pyrene	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
Indeno(1,2,3-cd)pyrene	2021-12	ug/L																
Indeno(1,2,3-cd)pyrene	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
Indeno(1,2,3-cd)pyrene	2024-04	ug/L											<10.6					
Iodomethane	2008-01	ug/L					~~<10~~	~~<10~~	~~<10.0~~	~~<10~~	~~<10~~	~~<10~~	~~<10~~	~~<10~~	~~<10~~			
Iodomethane	2008-03	ug/L					~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~			
Iodomethane	2008-08	ug/L					~~<10~~	~~<10~~	~~<10~~	~~<10~~	~~<10~~	~~<10~~	~~<10~~	~~<10~~	~~<10~~			

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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
Hexachloroethane	2019-05	ug/L		<10.1														
Hexachloroethane	2021-10	ug/L																
Hexachloroethane	2021-12	ug/L	<10.5															
Hexachloroethane	2022-10	ug/L			<8.77													
Hexachloroethane	2024-04	ug/L		<10.2														
Hexachloropropene	2009-03	ug/L																
Hexachloropropene	2009-06	ug/L																
Hexachloropropene	2009-09	ug/L																
Hexachloropropene	2009-12	ug/L																
Hexachloropropene	2010-03	ug/L																
Hexachloropropene	2010-06	ug/L																
Hexachloropropene	2010-08	ug/L																
Hexachloropropene	2010-09	ug/L																
Hexachloropropene	2010-12	ug/L																
Hexachloropropene	2011-03	ug/L																
Hexachloropropene	2011-06	ug/L																
Hexachloropropene	2011-09	ug/L																
Hexachloropropene	2011-12	ug/L																
Hexachloropropene	2012-03	ug/L																
Hexachloropropene	2014-12	ug/L																
Hexachloropropene	2016-10	ug/L									<10.4					<10.3	<10.2	
Hexachloropropene	2017-10	ug/L																
Hexachloropropene	2017-12	ug/L			<10.4													
Hexachloropropene	2018-07	ug/L								<10.1								
Hexachloropropene	2018-10	ug/L								<10.3								
Hexachloropropene	2019-05	ug/L		<10.1														
Hexachloropropene	2021-10	ug/L																
Hexachloropropene	2021-12	ug/L	<10.5															
Hexachloropropene	2022-10	ug/L			<8.77													
Hexachloropropene	2024-04	ug/L		<10.2														
Indeno(1,2,3-cd)pyrene	2009-03	ug/L																
Indeno(1,2,3-cd)pyrene	2009-06	ug/L																
Indeno(1,2,3-cd)pyrene	2009-09	ug/L																
Indeno(1,2,3-cd)pyrene	2009-12	ug/L																
Indeno(1,2,3-cd)pyrene	2010-03	ug/L																
Indeno(1,2,3-cd)pyrene	2010-06	ug/L																
Indeno(1,2,3-cd)pyrene	2010-08	ug/L																
Indeno(1,2,3-cd)pyrene	2010-09	ug/L																
Indeno(1,2,3-cd)pyrene	2010-12	ug/L																
Indeno(1,2,3-cd)pyrene	2011-03	ug/L																
Indeno(1,2,3-cd)pyrene	2011-06	ug/L																
Indeno(1,2,3-cd)pyrene	2011-09	ug/L																
Indeno(1,2,3-cd)pyrene	2011-12	ug/L																
Indeno(1,2,3-cd)pyrene	2012-03	ug/L																
Indeno(1,2,3-cd)pyrene	2014-12	ug/L																
Indeno(1,2,3-cd)pyrene	2016-10	ug/L									<10.4					<10.3	<10.2	
Indeno(1,2,3-cd)pyrene	2017-10	ug/L																
Indeno(1,2,3-cd)pyrene	2017-12	ug/L			<10.4													
Indeno(1,2,3-cd)pyrene	2018-07	ug/L								<10.1								
Indeno(1,2,3-cd)pyrene	2018-10	ug/L								<10.3								
Indeno(1,2,3-cd)pyrene	2019-05	ug/L		**2.45 J**														
Indeno(1,2,3-cd)pyrene	2021-10	ug/L																
Indeno(1,2,3-cd)pyrene	2021-12	ug/L	<10.5															
Indeno(1,2,3-cd)pyrene	2022-10	ug/L			<8.77													
Indeno(1,2,3-cd)pyrene	2024-04	ug/L		<10.2														
Iodomethane	2008-01	ug/L																
Iodomethane	2008-03	ug/L																
Iodomethane	2008-08	ug/L																

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Iodomethane	2008-09	ug/L					~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~			
Iodomethane	2008-10	ug/L					~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~			
Iodomethane	2009-03	ug/L					~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~			
Iodomethane	2009-06	ug/L					~~< 50.0~~	~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10~~			~~< 10.0~~				
Iodomethane	2009-09	ug/L					~~< 20.0~~	~~< 20.0~~	~~< 20.0~~	~~< 20.0~~	~~< 20.0~~	~~< 20.0~~	~~< 20.0~~	~~< 20.0~~	~~< 20.0~~			
Iodomethane	2009-12	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 20.0~~	~~< 20.0~~			~~< 20.0~~				
Iodomethane	2010-03	ug/L					~~< 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~~	~~< 50.0~~	~~< 50.0~~
Iodomethane	2010-08	ug/L										~~< 10.0~~	~~< 10.0~~			~~< 10.0~~	~~< 10.0~~	~~< 10.0~~
Iodomethane	2010-09	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	2010-12	ug/L										~~< 10.0~~				~~< 10.0~~	~~< 10.0~~	~~< 10.0~~
Iodomethane	2011-03	ug/L		~~< 10.0~~			~~< 50.0~~	~~< 10.0~~	~~< 10.0~~	~~< 500~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~
Iodomethane	2011-04	ug/L					~~< 10.0~~		~~< 10.0~~	~~< 100~~	~~< 10.0~~						~~< 10.0~~	
Iodomethane	2011-06	ug/L		~~< 10.0~~									~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Iodomethane	2011-07	ug/L	~~< 50.0~~															
Iodomethane	2011-08	ug/L		~~< 20.0~~														
Iodomethane	2011-09	ug/L	~~< 20.0~~	~~< 20.0~~			~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 100~~	~~< 20.0~~	~~< 20.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 20.0~~
Iodomethane	2011-12	ug/L	~~< 20.0~~	~~< 20.0~~											~~< 20.0~~	~~< 10.0~~	~~< 20.0~~	
Iodomethane	2012-03	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~~	~~< 10.0~~	~~< 10.0~~
Iodomethane	2012-06	ug/L																
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	2013-03	ug/L	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 100~~	~~< 10.0~~	~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~
Iodomethane	2013-06	ug/L																
Iodomethane	2013-09	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~~	~~< 10.0~~
Iodomethane	2013-11	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~~	~~< 10.0~~	~~< 10.0~~
Iodomethane	2014-06	ug/L																
Iodomethane	2014-09	ug/L	~~< 10~~	~~< 10~~			~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10~~
Iodomethane	2014-12	ug/L															~~< 10.0~~	
Iodomethane	2015-04	ug/L	< 10.0	< 10			< 10	< 10.0	< 10	< 10	< 10	< 10.0	~~9.03 o~~			< 10.0	< 10	< 10
Iodomethane	2015-10	ug/L	<50	<50			<50	<50	<50	<50	<50	<50				<50	<50	<50
Iodomethane	2016-04	ug/L	<10	**9.68 J**			<10	<10	<10	<10	~~**9.37 Jo**~~	<10	<10			~~**9.48 Jo**~~	~~**9.5 Jo**~~	<10
Iodomethane	2016-10	ug/L	<10	<10			<10	<10	<10	<10	<10	<10	<10			<10	<10	<10
Iodomethane	2017-03	ug/L	<10	<10			<10	<10	<10	<10	<10	<10	<10			<10	<10	<10
Iodomethane	2017-10	ug/L	<10	<10			<10	<10	<10	<10	<10	<10				<10	<10	<10
Iodomethane	2017-12	ug/L					<10					<10						<10
Iodomethane	2018-04	ug/L	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10			<10	<10	<10
Iodomethane	2018-07	ug/L											<10					
Iodomethane	2018-10	ug/L	<10	<10			<10	<10	<10	<10	<10	<10	<10			<10	<10	<10
Iodomethane	2019-01	ug/L																
Iodomethane	2019-03	ug/L	<10	<10			<10	<10	<10	<10	<10	<10	<10			<10	<10	<10
Iodomethane	2019-05	ug/L																
Iodomethane	2019-10	ug/L	<10	<10			<10	<10	<20	<10	<10	<10	<10			<20	<10	<10
Iodomethane	2020-03	ug/L	<10	<10			<10	<10	<10	<10	<10	<10	<10			<10	<10	<10
Iodomethane	2020-09	ug/L	<10	<10			<10	<10	<10	<10	<10	<10	<10			<10	<10	<10
Iodomethane	2021-03	ug/L	<10	<10			<10	<10	<10	<10	<10	<10	<10			<10	<10	<10
Iodomethane	2021-05	ug/L																
Iodomethane	2021-08	ug/L																
Iodomethane	2021-10	ug/L	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10			<10	<10	<10
Iodomethane	2021-12	ug/L																
Iodomethane	2022-02	ug/L	<10		<10	<10												
Iodomethane	2022-04	ug/L	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10			<10	<10	<10
Iodomethane	2022-07	ug/L			<10	<10												
Iodomethane	2022-10	ug/L	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				<10	<10	<10
Iodomethane	2023-04	ug/L	<10	<10		<10	<10	<10	<10	<10	<10	<10	<10			<10	<10	<10
Iodomethane	2023-05	ug/L			<10													
Iodomethane	2023-10	ug/L	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				<10	<10	<10
Iodomethane	2024-04	ug/L	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10			<10	<10	<10

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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
Iodomethane	2008-09	ug/L																
Iodomethane	2008-10	ug/L																
Iodomethane	2009-03	ug/L																
Iodomethane	2009-06	ug/L																
Iodomethane	2009-09	ug/L																
Iodomethane	2009-12	ug/L																
Iodomethane	2010-03	ug/L																
Iodomethane	2010-06	ug/L	~~< 50.0~~	~~< 50.0~~														
Iodomethane	2010-08	ug/L	~~< 10.0~~	~~< 10.0~~														
Iodomethane	2010-09	ug/L	~~< 10.0~~	~~< 10.0~~														
Iodomethane	2010-12	ug/L	~~< 10.0~~	~~< 10.0~~														
Iodomethane	2011-03	ug/L	~~< 10.0~~	~~< 10.0~~														
Iodomethane	2011-04	ug/L																
Iodomethane	2011-06	ug/L																
Iodomethane	2011-07	ug/L																
Iodomethane	2011-08	ug/L																
Iodomethane	2011-09	ug/L	~~< 20.0~~	~~< 20.0~~														
Iodomethane	2011-12	ug/L																
Iodomethane	2012-03	ug/L	~~< 10.0~~	~~< 10.0~~														
Iodomethane	2012-06	ug/L									~~< 10.0~~	~~< 10.0~~		~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	
Iodomethane	2012-10	ug/L																
Iodomethane	2013-03	ug/L	~~< 10.0~~								~~< 10.0~~							
Iodomethane	2013-06	ug/L			~~< 10.0~~													
Iodomethane	2013-09	ug/L	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~						~~< 10.0~~							
Iodomethane	2013-11	ug/L			~~< 10.0~~													
Iodomethane	2014-03	ug/L	~~< 10.0~~		~~< 10.0~~						~~< 10.0~~							
Iodomethane	2014-06	ug/L		~~< 10.0~~	~~< 10.0~~													
Iodomethane	2014-09	ug/L	~~< 10~~	~~< 10~~	~~< 10~~						~~< 10~~							
Iodomethane	2014-12	ug/L																
Iodomethane	2015-04	ug/L	< 10.0	< 10.0	< 10.0						< 10							
Iodomethane	2015-10	ug/L	<50	<50	<50						<50					<50	<50	
Iodomethane	2016-04	ug/L	<10	<10	<10						<10					<10	<10	
Iodomethane	2016-10	ug/L	<10	<10	<10						<10					<10	<10	
Iodomethane	2017-03	ug/L	<10	<10	<10						<10					<10	<10	
Iodomethane	2017-10	ug/L	<10	<10	<10						<10					<10	<10	
Iodomethane	2017-12	ug/L			<10													
Iodomethane	2018-04	ug/L	<10	<10	<10						<10					<10	<10	
Iodomethane	2018-07	ug/L								<10								
Iodomethane	2018-10	ug/L	<10	<10	<10					<10	<10					<10	<10	
Iodomethane	2019-01	ug/L								<10								
Iodomethane	2019-03	ug/L	<10	<10	<10					<10	<10					<10	<10	
Iodomethane	2019-05	ug/L		<10						<10								
Iodomethane	2019-10	ug/L	<10	<10	<10					<10	<10					<10	<10	
Iodomethane	2020-03	ug/L	<10	<10	<10					<10	<10					<10	<10	
Iodomethane	2020-09	ug/L	<10	<10	<10					<10	<10					<10	<10	
Iodomethane	2021-03	ug/L	<10	<10	<10			<10	<10	<10	<10					**8.06 J**	<10	
Iodomethane	2021-05	ug/L	<10															
Iodomethane	2021-08	ug/L						<10	<10									
Iodomethane	2021-10	ug/L	<10	<10	<10			<10	<10	<10	<10							
Iodomethane	2021-12	ug/L	<10															
Iodomethane	2022-02	ug/L						<10	<10									
Iodomethane	2022-04	ug/L	<10	<10	<10			<10	<10	<10	<10							
Iodomethane	2022-07	ug/L																
Iodomethane	2022-10	ug/L	<10	<10	<10			<10	<10	<10	<10							
Iodomethane	2023-04	ug/L	<10	<10	<10			<10	<10	<10	<10							
Iodomethane	2023-05	ug/L																
Iodomethane	2023-10	ug/L	<10	<10	<10			<10	<10	<10	<10							
Iodomethane	2024-04	ug/L	<10	<10	<10			<10	<10	<10	<10							

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
Iodomethane	2024-09	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10			< 10	< 10	< 10
Iodomethane	2025-03	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10			< 10	< 10	< 10
Iodomethane	2025-08	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10			< 10	< 10	< 10
Isobutanol	2009-03	mg/L						~~< 10~~	~~< 10~~	~~< 10~~								
Isobutanol	2009-06	mg/L					~~< 10.0~~	~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10~~			~~< 10.0~~				
Isobutanol	2009-09	mg/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
Isobutanol	2009-12	mg/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
Isobutanol	2010-03	mg/L					~~< 10.0~~				~~< 10.0~~			~~< 10.0~~				
Isobutanol	2010-06	mg/L										~~< 10.0~~						
Isobutanol	2010-08	mg/L										~~< 10.0~~	~~< 10.0~~					
Isobutanol	2010-09	mg/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~				
Isobutanol	2010-12	mg/L										~~< 10.0~~						
Isobutanol	2011-03	mg/L											~~< 10.0~~		~~< 10.0~~			
Isobutanol	2011-06	mg/L											~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Isobutanol	2011-09	mg/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Isobutanol	2011-12	mg/L													~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Isobutanol	2012-03	mg/L														~~< 10.0~~	~~< 10.0~~	
Isobutanol	2014-12	mg/L															~~< 10.0~~	
Isobutanol	2016-10	mg/L							<10	<10	<10					<10	<10	
Isobutanol	2017-10	mg/L						<10										
Isobutanol	2017-12	mg/L					<10					<10						<10
Isobutanol	2018-07	mg/L											<10					
Isobutanol	2018-10	mg/L											<10					
Isobutanol	2019-05	mg/L																
Isobutanol	2021-10	mg/L							<10	<10	<10					<10	<10	
Isobutanol	2021-12	mg/L																
Isobutanol	2022-10	mg/L					<10	<10				<10						<10
Isobutanol	2024-04	mg/L											<10					
Isodrin	2009-03	ug/L						~~< 10~~	~~< 10~~	~~< 10~~								
Isodrin	2009-06	ug/L					~~< 10.0~~	~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10~~			~~< 10.0~~				
Isodrin	2009-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
Isodrin	2009-12	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
Isodrin	2010-03	ug/L					~~< 10.0~~				~~< 10.0~~			~~< 10.0~~				
Isodrin	2010-06	ug/L										~~< 10.0~~						
Isodrin	2010-08	ug/L										~~< 10.0~~	~~< 10.0~~					
Isodrin	2010-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~				
Isodrin	2010-12	ug/L										~~< 10.0~~						
Isodrin	2011-03	ug/L											~~< 10.0~~		~~< 10.0~~			
Isodrin	2011-06	ug/L											~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Isodrin	2011-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Isodrin	2011-12	ug/L													~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Isodrin	2012-03	ug/L														~~< 10.0~~	~~< 10.0~~	
Isodrin	2014-12	ug/L															~~< 10.2~~	
Isodrin	2016-10	ug/L							<10	<10	<10.9					<11.2	<11.1	
Isodrin	2017-10	ug/L						<10.5										
Isodrin	2017-12	ug/L					<10.6					<10.4						<10.4
Isodrin	2018-07	ug/L											<10.4					
Isodrin	2018-10	ug/L											<10.4					
Isodrin	2019-05	ug/L																
Isodrin	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
Isodrin	2021-12	ug/L																
Isodrin	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
Isodrin	2024-04	ug/L											<10.6					
Isophorone	2009-03	ug/L						~~< 10~~	~~< 10~~	~~< 10~~								
Isophorone	2009-06	ug/L					~~< 10.0~~	~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10~~			~~< 10.0~~				
Isophorone	2009-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
Isophorone	2009-12	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
Isophorone	2010-03	ug/L					~~< 10.0~~				~~< 10.0~~			~~< 10.0~~				

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Analytical Data Summary
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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
Iodomethane	2024-09	ug/L	< 10	< 10	< 10			< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Iodomethane	2025-03	ug/L	< 10	< 10	< 10			< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Iodomethane	2025-08	ug/L	< 10	< 10	< 10			< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Isobutanol	2009-03	mg/L																
Isobutanol	2009-06	mg/L																
Isobutanol	2009-09	mg/L																
Isobutanol	2009-12	mg/L																
Isobutanol	2010-03	mg/L																
Isobutanol	2010-06	mg/L																
Isobutanol	2010-08	mg/L																
Isobutanol	2010-09	mg/L																
Isobutanol	2010-12	mg/L																
Isobutanol	2011-03	mg/L																
Isobutanol	2011-06	mg/L																
Isobutanol	2011-09	mg/L																
Isobutanol	2011-12	mg/L																
Isobutanol	2012-03	mg/L																
Isobutanol	2014-12	mg/L																
Isobutanol	2016-10	mg/L									<10					<10	<10	
Isobutanol	2017-10	mg/L																
Isobutanol	2017-12	mg/L			<10													
Isobutanol	2018-07	mg/L								<10								
Isobutanol	2018-10	mg/L								<10								
Isobutanol	2019-05	mg/L		<10														
Isobutanol	2021-10	mg/L																
Isobutanol	2021-12	mg/L	<10															
Isobutanol	2022-10	mg/L			<10													
Isobutanol	2024-04	mg/L		<10														
Isodrin	2009-03	ug/L																
Isodrin	2009-06	ug/L																
Isodrin	2009-09	ug/L																
Isodrin	2009-12	ug/L																
Isodrin	2010-03	ug/L																
Isodrin	2010-06	ug/L																
Isodrin	2010-08	ug/L																
Isodrin	2010-09	ug/L																
Isodrin	2010-12	ug/L																
Isodrin	2011-03	ug/L																
Isodrin	2011-06	ug/L																
Isodrin	2011-09	ug/L																
Isodrin	2011-12	ug/L																
Isodrin	2012-03	ug/L																
Isodrin	2014-12	ug/L																
Isodrin	2016-10	ug/L									<10.4					<10.3	<10.2	
Isodrin	2017-10	ug/L																
Isodrin	2017-12	ug/L			<10.4													
Isodrin	2018-07	ug/L								<10.1								
Isodrin	2018-10	ug/L								<10.3								
Isodrin	2019-05	ug/L		<10.1														
Isodrin	2021-10	ug/L																
Isodrin	2021-12	ug/L	<10.5															
Isodrin	2022-10	ug/L			<8.77													
Isodrin	2024-04	ug/L		<10.2														
Isophorone	2009-03	ug/L																
Isophorone	2009-06	ug/L																
Isophorone	2009-09	ug/L																
Isophorone	2009-12	ug/L																
Isophorone	2010-03	ug/L																

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
Isophorone	2010-06	ug/L										~~< 10.0~~						
Isophorone	2010-08	ug/L										~~< 10.0~~	~~< 10.0~~					
Isophorone	2010-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~				
Isophorone	2010-12	ug/L										~~< 10.0~~						
Isophorone	2011-03	ug/L											~~< 10.0~~		~~< 10.0~~			
Isophorone	2011-06	ug/L											~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Isophorone	2011-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Isophorone	2011-12	ug/L													~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Isophorone	2012-03	ug/L														~~< 10.0~~	~~< 10.0~~	
Isophorone	2014-12	ug/L															~~< 10.2~~	
Isophorone	2016-10	ug/L							<10	<10	<10.9					<11.2	<11.1	
Isophorone	2017-10	ug/L						<10.5										
Isophorone	2017-12	ug/L					<10.6					<10.4						<10.4
Isophorone	2018-07	ug/L											<10.4					
Isophorone	2018-10	ug/L											<10.4					
Isophorone	2019-05	ug/L																
Isophorone	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
Isophorone	2021-12	ug/L																
Isophorone	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
Isophorone	2024-04	ug/L											<10.6					
Isosafrole	2009-03	ug/L						~~< 10~~	~~< 10~~	~~< 10~~								
Isosafrole	2009-06	ug/L					~~< 10.0~~	~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10~~			~~< 10.0~~				
Isosafrole	2009-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
Isosafrole	2009-12	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
Isosafrole	2010-03	ug/L					~~< 10.0~~				~~< 10.0~~			~~< 10.0~~				
Isosafrole	2010-06	ug/L										~~< 10.0~~						
Isosafrole	2010-08	ug/L										~~< 10.0~~	~~< 10.0~~					
Isosafrole	2010-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~				
Isosafrole	2010-12	ug/L										~~< 10.0~~						
Isosafrole	2011-03	ug/L											~~< 10.0~~		~~< 10.0~~			
Isosafrole	2011-06	ug/L											~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Isosafrole	2011-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Isosafrole	2011-12	ug/L													~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Isosafrole	2012-03	ug/L														~~< 10.0~~	~~< 10.0~~	
Isosafrole	2014-12	ug/L															~~< 10.2~~	
Isosafrole	2016-10	ug/L							<10	<10	<10.9					<11.2	<11.1	
Isosafrole	2017-10	ug/L						<10.5										
Isosafrole	2017-12	ug/L					<10.6					<10.4						<10.4
Isosafrole	2018-07	ug/L											<10.4					
Isosafrole	2018-10	ug/L											<10.4					
Isosafrole	2019-05	ug/L																
Isosafrole	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
Isosafrole	2021-12	ug/L																
Isosafrole	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
Isosafrole	2024-04	ug/L											<10.6					
Kepone	2009-03	ug/L						~~< 10~~	~~< 10~~	~~< 10~~								
Kepone	2009-06	ug/L					~~< 10.0~~	~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10~~			~~< 10.0~~				
Kepone	2009-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
Kepone	2009-12	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
Kepone	2010-03	ug/L					~~< 10.0~~				~~< 10.0~~			~~< 10.0~~				
Kepone	2010-06	ug/L										~~< 10.0~~						
Kepone	2010-08	ug/L										~~< 10.0~~	~~< 10.0~~					
Kepone	2010-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~				
Kepone	2010-12	ug/L										~~< 10.0~~						
Kepone	2011-03	ug/L											~~< 10.0~~		~~< 10.0~~			
Kepone	2011-06	ug/L											~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Kepone	2011-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Kepone	2011-12	ug/L													~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	

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Isophorone	2010-06	ug/L																
Isophorone	2010-08	ug/L																
Isophorone	2010-09	ug/L																
Isophorone	2010-12	ug/L																
Isophorone	2011-03	ug/L																
Isophorone	2011-06	ug/L																
Isophorone	2011-09	ug/L																
Isophorone	2011-12	ug/L																
Isophorone	2012-03	ug/L																
Isophorone	2014-12	ug/L																
Isophorone	2016-10	ug/L									<10.4					<10.3	<10.2	
Isophorone	2017-10	ug/L																
Isophorone	2017-12	ug/L			<10.4													
Isophorone	2018-07	ug/L								<10.1								
Isophorone	2018-10	ug/L								<10.3								
Isophorone	2019-05	ug/L		<10.1														
Isophorone	2021-10	ug/L																
Isophorone	2021-12	ug/L	<10.5															
Isophorone	2022-10	ug/L			<8.77													
Isophorone	2024-04	ug/L		<10.2														
Isosafrole	2009-03	ug/L																
Isosafrole	2009-06	ug/L																
Isosafrole	2009-09	ug/L																
Isosafrole	2009-12	ug/L																
Isosafrole	2010-03	ug/L																
Isosafrole	2010-06	ug/L																
Isosafrole	2010-08	ug/L																
Isosafrole	2010-09	ug/L																
Isosafrole	2010-12	ug/L																
Isosafrole	2011-03	ug/L																
Isosafrole	2011-06	ug/L																
Isosafrole	2011-09	ug/L																
Isosafrole	2011-12	ug/L																
Isosafrole	2012-03	ug/L																
Isosafrole	2014-12	ug/L																
Isosafrole	2016-10	ug/L									<10.4					<10.3	<10.2	
Isosafrole	2017-10	ug/L																
Isosafrole	2017-12	ug/L			<10.4													
Isosafrole	2018-07	ug/L								<10.1								
Isosafrole	2018-10	ug/L								<10.3								
Isosafrole	2019-05	ug/L		<10.1														
Isosafrole	2021-10	ug/L																
Isosafrole	2021-12	ug/L	<10.5															
Isosafrole	2022-10	ug/L			<8.77													
Isosafrole	2024-04	ug/L		<10.2														
Kepone	2009-03	ug/L																
Kepone	2009-06	ug/L																
Kepone	2009-09	ug/L																
Kepone	2009-12	ug/L																
Kepone	2010-03	ug/L																
Kepone	2010-06	ug/L																
Kepone	2010-08	ug/L																
Kepone	2010-09	ug/L																
Kepone	2010-12	ug/L																
Kepone	2011-03	ug/L																
Kepone	2011-06	ug/L																
Kepone	2011-09	ug/L																
Kepone	2011-12	ug/L																

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Table 20
Analytical Data Summary
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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
Kepone	2012-03	ug/L														< 10.0	< 10.0	
Kepone	2014-12	ug/L															< 10.2	
Kepone	2016-10	ug/L							<10	<10	<10.9					<11.2	<11.1	
Kepone	2017-10	ug/L						<10.5										
Kepone	2017-12	ug/L					<10.6					<10.4						<10.4
Kepone	2018-07	ug/L											<10.4					
Kepone	2018-10	ug/L											<10.4					
Kepone	2019-05	ug/L																
Kepone	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
Kepone	2021-12	ug/L																
Kepone	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
Kepone	2024-04	ug/L											<10.6					
Lead	2008-01	mg/L					< 0.004	< 0.004	< 0.00400	**0.00412**	< 0.004	**0.0128**	< 0.004	**0.0224**	**0.00501**			
Lead	2008-03	mg/L					< 0.00400	< 0.00400	< 0.00400	< 0.00400	< 0.00400	< 0.00400	< 0.00400	**0.00468**	< 0.00400			
Lead	2008-08	mg/L					< 0.004	< 0.004	< 0.004	< 0.004	**0.00516**	**0.0059**	< 0.004	**0.0159**	< 0.004			
Lead	2008-09	mg/L					< 0.004	< 0.004	< 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	< 0.004	< 0.004			
Lead	2009-03	mg/L					< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	**0.00555**	< 0.004			
Lead	2009-06	mg/L					< 0.00400	< 0.004	< 0.004	< 0.00400	< 0.004			< 0.00400				
Lead	2009-09	mg/L					< 0.00400	< 0.00400	< 0.00400	< 0.00400	< 0.00400	**0.00474**	< 0.00400	**0.00449**	< 0.00400			
Lead	2009-12	mg/L					< 0.00400	< 0.00400	< 0.00400	< 0.00400	< 0.00400			**0.00415**				
Lead	2010-03	mg/L					< 0.00400	< 0.00400	< 0.00400	< 0.00400	< 0.00400	**0.00623**	< 0.00400	< 0.00400	< 0.00400			
Lead	2010-06	mg/L										< 0.00400				< 0.00400	< 0.00400	< 0.00400
Lead	2010-08	mg/L										< 0.00400	< 0.00400			< 0.00400	< 0.00400	< 0.00400
Lead	2010-09	mg/L					< 0.00400	< 0.00400	< 0.00400	< 0.00400	< 0.00400	< 0.00400	< 0.00400	< 0.00400	< 0.00400	< 0.00400	< 0.00400	< 0.00400
Lead	2010-12	mg/L										< 0.00400				< 0.00400	< 0.00400	< 0.00400
Lead	2011-03	mg/L		< 0.00400			< 0.00400	< 0.00400	< 0.00400	< 0.00400	< 0.00400	< 0.00400	< 0.00400	< 0.00400	< 0.00400	< 0.00400	< 0.00400	< 0.00400
Lead	2011-06	mg/L		< 0.00400									< 0.00400		< 0.00400	< 0.00400	< 0.00400	
Lead	2011-07	mg/L	< 0.00400															
Lead	2011-08	mg/L		< 0.00400														
Lead	2011-09	mg/L	< 0.00400	< 0.00400			< 0.00400	< 0.00400	< 0.00400	< 0.00400	< 0.00400	< 0.00400		< 0.00400	< 0.00400	< 0.00400	< 0.00400	< 0.00400
Lead	2011-12	mg/L	< 0.00400	< 0.00400											< 0.00400	< 0.00400	< 0.00400	
Lead	2012-03	mg/L	< 0.00400	< 0.00400			< 0.00400	< 0.00400	< 0.00400	< 0.00400	< 0.00400	< 0.00400	< 0.00400	< 0.00400	< 0.00400	< 0.00400	< 0.00400	< 0.00400
Lead	2012-04	mg/L																
Lead	2012-06	mg/L																
Lead	2012-10	mg/L	< 0.00400	< 0.00400			< 0.00400	< 0.00400	< 0.00400	< 0.00400	< 0.00400			< 0.00400	< 0.00400	< 0.00400	< 0.00400	**0.00751**
Lead	2013-03	mg/L	< 0.00400	< 0.00400			< 0.00400	< 0.00400	< 0.00400	< 0.00400	< 0.00400	< 0.00400		< 0.00400	< 0.00400	< 0.00400	< 0.00400	**0.00942**
Lead	2013-06	mg/L																
Lead	2013-09	mg/L	< 0.00400	< 0.00400			< 0.00400	**0.00277**	< 0.00400	< 0.00400	< 0.00400	< 0.00400		< 0.00400	< 0.00400	< 0.00400	< 0.00400	< 0.00400
Lead	2013-11	mg/L																
Lead	2014-03	mg/L	< 0.00400	< 0.00400			< 0.00400	< 0.00400	< 0.00400	< 0.00400	< 0.00400	< 0.00400	< 0.00400	< 0.00400	< 0.00400	< 0.00400	< 0.00400	< 0.00400
Lead	2014-06	mg/L																
Lead	2014-09	mg/L	< 0.0005	< 0.0005			< 0.000500	< 0.000500	< 0.000500	< 0.000500	< 0.0005	< 0.0005	**0.000157**	**0.000138**	**0.000161**	**0.000155**	< 0.000500	**0.000642**
Lead	2014-12	mg/L															< 0.000500	
Lead	2015-04	mg/L	**0.000201**	< 0.0005			< 0.001	< 0.000500	**0.000318**	< 0.0005	< 0.0005	**0.00022**	**0.00033**			**0.000177**	< 0.0005	< 0.0005
Lead	2015-10	mg/L	<0.004	<0.004			**0.00021 J**	**0.00018 J**	**0.000118 J**	<0.004	<0.004	**0.00022 J**				**0.000118 J**	<0.004	<0.004
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
Lead	2016-10	mg/L	<0.0005	<0.0005			**0.000781**	**0.000464 J**	<0.0005	<0.0005	**0.000621**	**0.000966 o**	<0.0005			**0.000369 J**	**0.000493 Jc**	<0.0005
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	<0.0005
Lead	2017-10	mg/L	<0.0005	<0.0005			<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.0005				<0.0005	**0.000414 Jc**	<0.0005
Lead	2017-12	mg/L					<0.0005					<0.0005						**0.000663**
Lead	2018-04	mg/L	<0.0005	**0.00125 o**	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005			<0.0005	<0.0005	**0.000325 J**
Lead	2018-07	mg/L											<0.0005					
Lead	2018-10	mg/L	<0.0005	<0.0005			<0.0005	<0.0005	<0.0005	**0.000457 Jc**	**0.000321 J**	<0.0005	<0.0005			<0.0005	<0.0005	**0.000569**
Lead	2019-01	mg/L																
Lead	2019-03	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	2019-05	mg/L																
Lead	2019-10	mg/L	<0.0005	<0.0005			<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005			<0.0005	<0.0005	**0.00035 J**

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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
Kepone	2012-03	ug/L																
Kepone	2014-12	ug/L																
Kepone	2016-10	ug/L									<10.4					<10.3	<10.2	
Kepone	2017-10	ug/L																
Kepone	2017-12	ug/L			<10.4													
Kepone	2018-07	ug/L								<10.1								
Kepone	2018-10	ug/L								<10.3								
Kepone	2019-05	ug/L		<10.1														
Kepone	2021-10	ug/L																
Kepone	2021-12	ug/L	<10.5															
Kepone	2022-10	ug/L			<8.77													
Kepone	2024-04	ug/L		<10.2														
Lead	2008-01	mg/L																
Lead	2008-03	mg/L																
Lead	2008-08	mg/L																
Lead	2008-09	mg/L																
Lead	2008-10	mg/L																
Lead	2009-03	mg/L																
Lead	2009-06	mg/L																
Lead	2009-09	mg/L																
Lead	2009-12	mg/L																
Lead	2010-03	mg/L																
Lead	2010-06	mg/L	~~< 0.00400~~	~~< 0.00400~~														
Lead	2010-08	mg/L	~~< 0.00400~~	~~**0.0051**~~														
Lead	2010-09	mg/L	~~< 0.00400~~	~~**0.0112**~~														
Lead	2010-12	mg/L	~~< 0.00400~~	~~< 0.00400~~														
Lead	2011-03	mg/L	~~< 0.00400~~	~~**0.00454**~~														
Lead	2011-06	mg/L																
Lead	2011-07	mg/L																
Lead	2011-08	mg/L																
Lead	2011-09	mg/L	~~< 0.00400~~	~~**0.0174**~~														
Lead	2011-12	mg/L																
Lead	2012-03	mg/L	~~< 0.00400~~	~~**0.0078**~~														
Lead	2012-04	mg/L									~~**0.115**~~	~~**0.00881**~~		~~**0.00675**~~		~~**0.0206**~~	~~**0.056**~~	
Lead	2012-06	mg/L									~~**0.076**~~	~~< 0.00400~~		~~< 0.00400~~		~~**0.0163**~~	~~**0.0231**~~	
Lead	2012-10	mg/L									~~< 0.00400~~			~~**0.00622**~~		~~**0.00459**~~	~~**0.00952**~~	
Lead	2013-03	mg/L	~~**0.00143**~~								~~**0.014**~~					~~**0.0269**~~	~~**0.00554**~~	
Lead	2013-06	mg/L			~~**0.00569**~~													
Lead	2013-09	mg/L	~~**0.00745**~~	~~**0.00334**~~	~~**0.0118**~~						~~**0.0191**~~					~~**0.0245**~~	~~**0.00112**~~	
Lead	2013-11	mg/L			~~**0.0114**~~													
Lead	2014-03	mg/L	~~< 0.00400~~		~~**0.00399**~~						~~**0.0105**~~					~~**0.0133**~~	~~**0.00348**~~	
Lead	2014-06	mg/L		~~< 0.00400~~	~~**0.00677**~~													
Lead	2014-09	mg/L	~~**0.000291**~~	~~< 0.0005~~	~~**0.00231**~~						~~**0.00404**~~					~~**0.00275**~~	~~**0.00365**~~	
Lead	2014-12	mg/L																
Lead	2015-04	mg/L	**0.000945**	< 0.000500	**0.000203**						**0.00081**					< 0.000500	**0.00111**	
Lead	2015-10	mg/L	**0.000117 J**	<0.004	**0.00019 J**						**0.000211 J**					<0.004	<0.004	
Lead	2016-04	mg/L	<0.0005	<0.0005	<0.0005						<0.0005					<0.0005	<0.0005	
Lead	2016-10	mg/L	**0.0011**	~~**0.00246 o**~~	**0.000278 J**						<0.0005					**0.000211 J**	<0.0005	
Lead	2017-03	mg/L	<0.0005	<0.0005	<0.0005						<0.0005					<0.0005	<0.0005	
Lead	2017-10	mg/L	<0.0005	<0.0005	<0.0005						<0.0005					<0.0005	**0.000768**	
Lead	2017-12	mg/L			<0.0005													
Lead	2018-04	mg/L	<0.0005	<0.0005	<0.0005						**0.00165**					<0.0005	<0.0005	
Lead	2018-07	mg/L								<0.0005								
Lead	2018-10	mg/L	<0.0005	<0.0005	**0.000266 J**					<0.0005	**0.00687**					<0.0005	<0.0005	
Lead	2019-01	mg/L								<0.0005								
Lead	2019-03	mg/L	<0.0005	<0.0005	<0.0005					<0.0005	**0.00063**					<0.0005	<0.0005	
Lead	2019-05	mg/L		<0.0005						<0.0005								
Lead	2019-10	mg/L	<0.0005	<0.0005	<0.0005					<0.0005	**0.00128**					<0.0005	<0.0005	

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
Lead	2020-03	mg/L	**0.000943**	<0.0005			<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005			<0.0005	<0.0005	<0.0005
Lead	2020-09	mg/L	**0.000415 J**	<0.0005			**0.000118 J**	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005			<0.0005	<0.0005	<0.0005
Lead	2020-11	mg/L	**0.00387**															
Lead	2020-12	mg/L	<0.0005															
Lead	2021-03	mg/L	<0.0005	<0.0005			<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	**0.000444 J**			<0.0005	<0.0005	<0.0005
Lead	2021-05	mg/L																
Lead	2021-08	mg/L																
Lead	2021-10	mg/L	<0.0005	<0.0005	<0.0005		**0.000738**	**0.000264 J**	**0.000326 J**	<0.0005	<0.0005	<0.0005	<0.0005			~~**0.000704 o**~~	<0.0005	<0.0005
Lead	2021-12	mg/L																
Lead	2022-02	mg/L	**0.000291 J**		<0.0005	<0.0005												
Lead	2022-04	mg/L	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	~~**0.00194 o**~~			<0.0005	<0.0005	<0.0005
Lead	2022-07	mg/L			<0.0005	**0.000526**												
Lead	2022-10	mg/L	<0.0005	~~**0.00125 o**~~	<0.0005	<0.0005	**0.000644**	<0.0005	<0.0005	<0.0005	<0.0005	**0.000279 J**				<0.0005	<0.0005	<0.0005
Lead	2022-12	mg/L		<0.0005														
Lead	2023-04	mg/L	**0.000261 J**	**0.000274 J**		<0.0005	**0.000278 J**	**0.000255 J**	<0.0005	<0.0005	<0.0005	**0.000324 J**	<0.0005			<0.0005	<0.0005	<0.0005
Lead	2023-05	mg/L			<0.0005													
Lead	2023-10	mg/L	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	**0.000641**	<0.0005	<0.0005	<0.0005	<0.0005				<0.0005	**0.000829 o**	<0.0005
Lead	2024-04	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	<0.0005
Lead	2024-05	mg/L																
Lead	2024-09	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	< 0.0005	< 0.0005
Lead	2025-03	mg/L	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	**0.00067**			< 0.0005	< 0.0005	< 0.0005
Lead	2025-08	mg/L	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	**0.000869**			< 0.0005	< 0.0005	< 0.0005
Lindane (BHC, Gamma-)	2009-03	ug/L						~~< 0.032~~	~~< 0.032~~	~~< 0.032~~								
Lindane (BHC, Gamma-)	2009-06	ug/L					~~< 0.0320~~	~~< 0.032~~	~~< 0.032~~	~~< 0.0320~~	~~< 0.032~~			~~< 0.0320~~				
Lindane (BHC, Gamma-)	2009-09	ug/L					~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~			~~< 0.0320~~				
Lindane (BHC, Gamma-)	2009-12	ug/L					~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~			~~< 0.0320~~				
Lindane (BHC, Gamma-)	2010-03	ug/L					~~< 0.0320~~				~~< 0.0320~~			~~< 0.0320~~				
Lindane (BHC, Gamma-)	2010-06	ug/L										~~< 0.0320~~						
Lindane (BHC, Gamma-)	2010-08	ug/L										~~< 0.0320~~	~~< 0.0320~~					
Lindane (BHC, Gamma-)	2010-09	ug/L					~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~				
Lindane (BHC, Gamma-)	2010-12	ug/L										~~< 0.0320~~						
Lindane (BHC, Gamma-)	2011-03	ug/L						~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~			
Lindane (BHC, Gamma-)	2011-06	ug/L											~~< 0.0320~~		~~< 0.0320~~	~~< 0.0392~~	~~< 0.0320~~	
Lindane (BHC, Gamma-)	2011-09	ug/L					~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~		~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	
Lindane (BHC, Gamma-)	2011-12	ug/L													~~< 0.0320~~	~~< 0.0320~~	~~< 0.0320~~	
Lindane (BHC, Gamma-)	2012-03	ug/L														~~< 0.0320~~	~~< 0.0320~~	
Lindane (BHC, Gamma-)	2014-12	ug/L															~~**0.0022**~~	
Lindane (BHC, Gamma-)	2016-10	ug/L							<0.033	<0.032	<0.0344					<0.033	<0.033	
Lindane (BHC, Gamma-)	2017-10	ug/L						**0.00344 J**										
Lindane (BHC, Gamma-)	2017-12	ug/L					<0.0333					<0.0333						<0.0333
Lindane (BHC, Gamma-)	2018-07	ug/L											<0.0333					
Lindane (BHC, Gamma-)	2018-10	ug/L											**0.00218 J**					
Lindane (BHC, Gamma-)	2019-05	ug/L																
Lindane (BHC, Gamma-)	2021-10	ug/L							<0.0337	<0.0337	<0.0337					<0.0337	<0.0337	
Lindane (BHC, Gamma-)	2021-12	ug/L																
Lindane (BHC, Gamma-)	2022-02	ug/L																
Lindane (BHC, Gamma-)	2022-04	ug/L																
Lindane (BHC, Gamma-)	2022-07	ug/L																
Lindane (BHC, Gamma-)	2022-10	ug/L					<0.0542	<0.0561				<0.0542						<0.0582
Lindane (BHC, Gamma-)	2023-04	ug/L									<0.064							
Lindane (BHC, Gamma-)	2023-10	ug/L																
Lindane (BHC, Gamma-)	2024-04	ug/L											<0.064					
Lindane (BHC, Gamma-)	2024-09	ug/L																
Lindane (BHC, Gamma-)	2025-03	ug/L																
Lindane (BHC, Gamma-)	2025-08	ug/L																
m/p-Cresol	2009-03	ug/L						~~< 10~~	~~< 10~~	~~< 10~~								
m/p-Cresol	2009-06	ug/L					~~< 10.0~~	~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10~~			~~< 10.0~~				
m/p-Cresol	2009-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				

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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
Lead	2020-03	mg/L	<0.0005	**0.000355 J**	<0.0005					<0.0005	**0.000775**					<0.0005	<0.0005	
Lead	2020-09	mg/L	<0.0005	<0.0005	<0.0005					<0.0005	**0.00034 J**					<0.0005	<0.0005	
Lead	2020-11	mg/L																
Lead	2020-12	mg/L																
Lead	2021-03	mg/L	**0.000476 J**	<0.0005	**0.000275 J**			<0.0005	**0.00296**	<0.0005	**0.00048 J**					<0.0005	<0.0005	
Lead	2021-05	mg/L	**0.000703**															
Lead	2021-08	mg/L						**0.000635**	**0.00205**									
Lead	2021-10	mg/L	<0.0005	<0.0005	<0.0005			<0.0005	**0.00589**	<0.0005	~~**0.00704**~~							
Lead	2021-12	mg/L	<0.0005															
Lead	2022-02	mg/L						**0.00234**	**0.00666**									
Lead	2022-04	mg/L	<0.0035	<0.0005	<0.0005			<0.0005	**0.000554**	<0.0005	**0.000332 J**							
Lead	2022-07	mg/L																
Lead	2022-10	mg/L	<0.0005	<0.0005	<0.0005			<0.0005	**0.000299 J**	<0.0005	~~**0.00363**~~							
Lead	2022-12	mg/L																
Lead	2023-04	mg/L	<0.0005	<0.0005	<0.0005			<0.0005	**0.00101**	<0.0005	~~**0.00229**~~							
Lead	2023-05	mg/L																
Lead	2023-10	mg/L	<0.0005	<0.0005	<0.0005			~~**0.00083**~~	**0.00177**	<0.0005	**0.000438 J**							
Lead	2024-04	mg/L	<0.0005	<0.0005	<0.0005			~~**0.00412**~~	**0.000581**	<0.0005	**0.000881**							
Lead	2024-05	mg/L						~~**0.000365 J**~~				<0.0005	**0.00186**	<0.0005	**0.000425 J**			<0.0005
Lead	2024-09	mg/L	< 0.0005	< 0.0005	< 0.0005			< 0.0005	< 0.0005	< 0.0005	**0.000482 J**	< 0.0005	< 0.0005	< 0.0005	**0.000492 J**	< 0.0005	< 0.0005	< 0.0005
Lead	2025-03	mg/L	< 0.0005	< 0.0005	< 0.0005			< 0.0005	**0.000383 J**	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	**0.000536**	< 0.0005	< 0.0005	< 0.0005
Lead	2025-08	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	< 0.0005	< 0.0005
Lindane (BHC, Gamma-)	2009-03	ug/L																
Lindane (BHC, Gamma-)	2009-06	ug/L																
Lindane (BHC, Gamma-)	2009-09	ug/L																
Lindane (BHC, Gamma-)	2009-12	ug/L																
Lindane (BHC, Gamma-)	2010-03	ug/L																
Lindane (BHC, Gamma-)	2010-06	ug/L																
Lindane (BHC, Gamma-)	2010-08	ug/L																
Lindane (BHC, Gamma-)	2010-09	ug/L																
Lindane (BHC, Gamma-)	2010-12	ug/L																
Lindane (BHC, Gamma-)	2011-03	ug/L																
Lindane (BHC, Gamma-)	2011-06	ug/L																
Lindane (BHC, Gamma-)	2011-09	ug/L																
Lindane (BHC, Gamma-)	2011-12	ug/L																
Lindane (BHC, Gamma-)	2012-03	ug/L																
Lindane (BHC, Gamma-)	2014-12	ug/L																
Lindane (BHC, Gamma-)	2016-10	ug/L									<0.0333					<0.0333	<0.0333	
Lindane (BHC, Gamma-)	2017-10	ug/L																
Lindane (BHC, Gamma-)	2017-12	ug/L			<0.0333													
Lindane (BHC, Gamma-)	2018-07	ug/L								<0.0323								
Lindane (BHC, Gamma-)	2018-10	ug/L								<0.033								
Lindane (BHC, Gamma-)	2019-05	ug/L		<0.0327														
Lindane (BHC, Gamma-)	2021-10	ug/L																
Lindane (BHC, Gamma-)	2021-12	ug/L	**0.0345**															
Lindane (BHC, Gamma-)	2022-02	ug/L	<0.064															
Lindane (BHC, Gamma-)	2022-04	ug/L	<0.064															
Lindane (BHC, Gamma-)	2022-07	ug/L	<0.064															
Lindane (BHC, Gamma-)	2022-10	ug/L	<0.0667		<0.0542													
Lindane (BHC, Gamma-)	2023-04	ug/L	<0.064															
Lindane (BHC, Gamma-)	2023-10	ug/L	<0.064															
Lindane (BHC, Gamma-)	2024-04	ug/L	<0.064	<0.064														
Lindane (BHC, Gamma-)	2024-09	ug/L	< 0.0962							< 0.0956	< 0.0919							
Lindane (BHC, Gamma-)	2025-03	ug/L	< 0.0919							< 0.0951	< 0.0923							
Lindane (BHC, Gamma-)	2025-08	ug/L	< 0.0926							< 0.0975	< 0.0938							
m/p-Cresol	2009-03	ug/L																
m/p-Cresol	2009-06	ug/L																
m/p-Cresol	2009-09	ug/L																

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
m/p-Cresol	2009-12	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
m/p-Cresol	2010-03	ug/L					~~< 10.0~~				~~< 10.0~~			~~< 10.0~~				
m/p-Cresol	2010-06	ug/L										~~< 10.0~~						
m/p-Cresol	2010-08	ug/L										~~< 10.0~~	~~< 10.0~~					
m/p-Cresol	2010-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~				
m/p-Cresol	2010-12	ug/L										~~< 10.0~~						
m/p-Cresol	2011-03	ug/L											~~< 10.0~~		~~< 10.0~~			
m/p-Cresol	2011-06	ug/L											~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
m/p-Cresol	2011-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
m/p-Cresol	2011-12	ug/L													~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
m/p-Cresol	2012-03	ug/L														~~< 10.0~~	~~< 10.0~~	
m/p-Cresol	2016-10	ug/L							<10	<10	<10.9					<11.2	<11.1	
m/p-Cresol	2017-10	ug/L						<10.5										
m/p-Cresol	2017-12	ug/L					<10.6					<10.4						<10.4
m/p-Cresol	2018-07	ug/L											<10.4					
m/p-Cresol	2018-10	ug/L											<10.4					
m/p-Cresol	2019-05	ug/L																
m/p-Cresol	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
m/p-Cresol	2021-12	ug/L																
m/p-Cresol	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
m/p-Cresol	2024-04	ug/L											<10.6					
Mercury	2009-03	mg/L						~~< 0.0002~~	~~< 0.0002~~	~~< 0.0002~~								
Mercury	2009-06	mg/L					~~< 0.000200~~	~~< 0.0002~~	~~< 0.0002~~	~~< 0.000200~~	~~< 0.0002~~			~~< 0.000200~~				
Mercury	2009-09	mg/L					~~< 0.000200~~	~~< 0.000200~~	~~< 0.000200~~	~~< 0.000200~~	~~< 0.000200~~			~~< 0.000200~~				
Mercury	2009-12	mg/L					~~< 0.000200~~	~~< 0.000200~~	~~< 0.000200~~	~~< 0.000200~~	~~< 0.000200~~			~~< 0.000200~~				
Mercury	2010-03	mg/L					~~< 0.000200~~				~~< 0.000200~~			~~< 0.000200~~				
Mercury	2010-06	mg/L										~~< 0.000200~~						
Mercury	2010-08	mg/L										~~< 0.000200~~	~~< 0.000200~~					
Mercury	2010-09	mg/L					~~< 0.000200~~	~~< 0.000200~~	~~< 0.000200~~	~~< 0.000200~~	~~< 0.000200~~	~~< 0.000200~~	~~< 0.000200~~	~~< 0.00300~~				
Mercury	2010-12	mg/L										~~< 0.000200~~						
Mercury	2011-03	mg/L					~~< 0.000200~~	~~< 0.000200~~	~~< 0.000200~~	~~< 0.000200~~	~~< 0.000200~~	~~< 0.000200~~	~~< 0.000200~~	~~< 0.000200~~	~~< 0.000200~~			
Mercury	2011-06	mg/L											~~< 0.000200~~		~~< 0.000200~~	~~< 0.000200~~	~~< 0.000200~~	
Mercury	2011-09	mg/L					~~< 0.000200~~	~~< 0.000200~~	~~< 0.000200~~	~~< 0.000200~~	~~< 0.000200~~	~~< 0.000200~~		~~< 0.000200~~	~~< 0.000200~~	~~< 0.000200~~	~~< 0.000200~~	
Mercury	2011-12	mg/L													~~< 0.000200~~	~~< 0.000200~~	~~< 0.000200~~	
Mercury	2012-03	mg/L														~~< 0.000200~~	~~< 0.000200~~	
Mercury	2013-03	mg/L																
Mercury	2013-09	mg/L																
Mercury	2014-03	mg/L																
Mercury	2014-12	mg/L															~~0.000346~~	
Mercury	2015-04	mg/L															< 0.0002	
Mercury	2015-10	mg/L															<0.0002	
Mercury	2016-04	mg/L															<0.0002	
Mercury	2016-10	mg/L							<0.0002	<0.0002	<0.0002					<0.0002	<0.0002	
Mercury	2017-03	mg/L															<0.0002	
Mercury	2017-10	mg/L						<0.0002									<0.0002	
Mercury	2017-12	mg/L					<0.0002					<0.0002						<0.0002
Mercury	2018-04	mg/L															<0.0002	
Mercury	2018-07	mg/L											<0.0002					
Mercury	2018-10	mg/L											<0.0002				<0.0002	
Mercury	2019-03	mg/L															<0.0002	
Mercury	2019-05	mg/L																
Mercury	2019-10	mg/L															<0.0002	
Mercury	2021-10	mg/L							<0.0002	<0.0002	<0.0002					<0.0002	<0.0002	
Mercury	2021-12	mg/L																
Mercury	2022-10	mg/L					<0.0002	<0.0002				<0.0002						<0.0002
Mercury	2024-04	mg/L											<0.0002					
Methacrylonitrile	2009-03	ug/L						~~< 1~~	~~< 1~~	~~< 1~~								
Methacrylonitrile	2009-06	ug/L					~~< 5.00~~	~~< 1~~	~~< 1~~	~~< 1.00~~	~~< 1~~			~~< 1.00~~				

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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
m/p-Cresol	2009-12	ug/L																
m/p-Cresol	2010-03	ug/L																
m/p-Cresol	2010-06	ug/L																
m/p-Cresol	2010-08	ug/L																
m/p-Cresol	2010-09	ug/L																
m/p-Cresol	2010-12	ug/L																
m/p-Cresol	2011-03	ug/L																
m/p-Cresol	2011-06	ug/L																
m/p-Cresol	2011-09	ug/L																
m/p-Cresol	2011-12	ug/L																
m/p-Cresol	2012-03	ug/L																
m/p-Cresol	2016-10	ug/L									<10.4					<10.3	<10.2	
m/p-Cresol	2017-10	ug/L																
m/p-Cresol	2017-12	ug/L			<10.4													
m/p-Cresol	2018-07	ug/L								**0.962 J**								
m/p-Cresol	2018-10	ug/L								<10.3								
m/p-Cresol	2019-05	ug/L		<10.1														
m/p-Cresol	2021-10	ug/L																
m/p-Cresol	2021-12	ug/L	<10.5															
m/p-Cresol	2022-10	ug/L			<8.77													
m/p-Cresol	2024-04	ug/L		<10.2														
Mercury	2009-03	mg/L																
Mercury	2009-06	mg/L																
Mercury	2009-09	mg/L																
Mercury	2009-12	mg/L																
Mercury	2010-03	mg/L																
Mercury	2010-06	mg/L																
Mercury	2010-08	mg/L																
Mercury	2010-09	mg/L																
Mercury	2010-12	mg/L																
Mercury	2011-03	mg/L																
Mercury	2011-06	mg/L																
Mercury	2011-09	mg/L																
Mercury	2011-12	mg/L																
Mercury	2012-03	mg/L																
Mercury	2013-03	mg/L														**~~0.000385~~**	~~< 0.000200~~	
Mercury	2013-09	mg/L														~~< 0.000200~~	~~< 0.000200~~	
Mercury	2014-03	mg/L														~~< 0.000200~~	~~< 0.000200~~	
Mercury	2014-12	mg/L																
Mercury	2015-04	mg/L									< 0.0002					< 0.000200	< 0.000200	
Mercury	2015-10	mg/L									<0.0002					<0.0002	<0.0002	
Mercury	2016-04	mg/L																
Mercury	2016-10	mg/L									<0.0002					<0.0002	<0.0002	
Mercury	2017-03	mg/L																
Mercury	2017-10	mg/L									<0.0002					<0.0002	<0.0002	
Mercury	2017-12	mg/L			<0.0002													
Mercury	2018-04	mg/L																
Mercury	2018-07	mg/L								<0.0002								
Mercury	2018-10	mg/L								<0.0002								
Mercury	2019-03	mg/L																
Mercury	2019-05	mg/L		<0.0002														
Mercury	2019-10	mg/L																
Mercury	2021-10	mg/L																
Mercury	2021-12	mg/L	<0.0002															
Mercury	2022-10	mg/L			<0.0002													
Mercury	2024-04	mg/L		<0.0002														
Methacrylonitrile	2009-03	ug/L																
Methacrylonitrile	2009-06	ug/L																

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
Methacrylonitrile	2009-09	ug/L					< 1.00	< 1.00	< 1.00	< 1.00	< 1.00			< 1.00				
Methacrylonitrile	2009-12	ug/L					< 1.00	< 1.00	< 1.00	< 1.00	< 1.00			< 1.00				
Methacrylonitrile	2010-03	ug/L					< 1.00	< 1.00	< 1.00	< 1.00	< 1.00			< 1.00				
Methacrylonitrile	2010-06	ug/L										< 1.00						
Methacrylonitrile	2010-08	ug/L										< 1.00	< 1.00					
Methacrylonitrile	2010-09	ug/L					< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00				
Methacrylonitrile	2010-12	ug/L										< 1.00						
Methacrylonitrile	2011-03	ug/L					< 1.00	< 1.00	< 1.00	< 10.0	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00			
Methacrylonitrile	2011-04	ug/L					< 1.00		< 1.00	< 10.0	< 1.00						< 1.00	
Methacrylonitrile	2011-06	ug/L											< 1.00		< 1.00	< 1.00	< 1.00	
Methacrylonitrile	2011-09	ug/L					< 1.00	< 1.00	< 1.00	< 10.0	< 1.00	< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	
Methacrylonitrile	2011-12	ug/L													< 1.00	< 1.00	< 1.00	
Methacrylonitrile	2012-03	ug/L												< 1.00		< 1.00	< 1.00	
Methacrylonitrile	2014-12	ug/L															< 10.0	
Methacrylonitrile	2016-10	ug/L							<10	<10	<10					<10	<10	
Methacrylonitrile	2017-10	ug/L						<10										
Methacrylonitrile	2017-12	ug/L					<10					<10						<10
Methacrylonitrile	2018-07	ug/L											<10					
Methacrylonitrile	2018-10	ug/L											<10					
Methacrylonitrile	2019-05	ug/L																
Methacrylonitrile	2021-10	ug/L							<10	<10	<10					<10	<10	
Methacrylonitrile	2021-12	ug/L																
Methacrylonitrile	2022-10	ug/L					<10	<10				<10						<10
Methacrylonitrile	2024-04	ug/L											<10					
Methapyrilene	2009-03	ug/L						< 10	< 10	< 10								
Methapyrilene	2009-06	ug/L					< 10.0	< 10	< 10	< 10.0	< 10			< 10.0				
Methapyrilene	2009-09	ug/L					< 10.0	< 10.0	< 10.0	< 10.0	< 10.0			< 10.0				
Methapyrilene	2009-12	ug/L					< 10.0	< 10.0	< 10.0	< 10.0	< 10.0			< 10.0				
Methapyrilene	2010-03	ug/L					< 10.0				< 10.0			< 10.0				
Methapyrilene	2010-06	ug/L										< 10.0						
Methapyrilene	2010-08	ug/L										< 10.0	< 10.0					
Methapyrilene	2010-09	ug/L					< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0				
Methapyrilene	2010-12	ug/L										< 10.0						
Methapyrilene	2011-03	ug/L											< 10.0		< 10.0			
Methapyrilene	2011-06	ug/L											< 10.0		< 10.0	< 10.0	< 10.0	
Methapyrilene	2011-09	ug/L					< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	
Methapyrilene	2011-12	ug/L													< 10.0	< 10.0	< 10.0	
Methapyrilene	2012-03	ug/L														< 10.0	< 10.0	
Methapyrilene	2014-12	ug/L															< 10.2	
Methapyrilene	2016-10	ug/L							<10	<10	<10.9					<11.2	<11.1	
Methapyrilene	2017-10	ug/L						<10.5										
Methapyrilene	2017-12	ug/L					<10.6					<10.4						<10.4
Methapyrilene	2018-07	ug/L											<10.4					
Methapyrilene	2018-10	ug/L											<10.4					
Methapyrilene	2019-05	ug/L																
Methapyrilene	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
Methapyrilene	2021-12	ug/L																
Methapyrilene	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
Methapyrilene	2024-04	ug/L											<10.6					
Methoxychlor	2009-03	ug/L						< 0.032	< 0.032	< 0.032								
Methoxychlor	2009-06	ug/L					< 0.0320	< 0.032	< 0.032	< 0.0320	< 0.032			< 0.0320				
Methoxychlor	2009-09	ug/L					< 0.0320	< 0.0320	< 0.0320	< 0.0320	< 0.0320			< 0.0320				
Methoxychlor	2009-12	ug/L					< 0.0320	< 0.0320	< 0.0320	< 0.0320	< 0.0320			< 0.0320				
Methoxychlor	2010-03	ug/L					< 0.0320				< 0.0320			< 0.0320				
Methoxychlor	2010-06	ug/L										< 0.0320						
Methoxychlor	2010-08	ug/L										< 0.0320	< 0.0320					
Methoxychlor	2010-09	ug/L					< 0.0320	< 0.0320	< 0.0320	< 0.0320	< 0.0320	< 0.0320	< 0.0320	< 0.0320				
Methoxychlor	2010-12	ug/L										< 0.0320						

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Methacrylonitrile	2009-09	ug/L																
Methacrylonitrile	2009-12	ug/L																
Methacrylonitrile	2010-03	ug/L																
Methacrylonitrile	2010-06	ug/L																
Methacrylonitrile	2010-08	ug/L																
Methacrylonitrile	2010-09	ug/L																
Methacrylonitrile	2010-12	ug/L																
Methacrylonitrile	2011-03	ug/L																
Methacrylonitrile	2011-04	ug/L																
Methacrylonitrile	2011-06	ug/L																
Methacrylonitrile	2011-09	ug/L																
Methacrylonitrile	2011-12	ug/L																
Methacrylonitrile	2012-03	ug/L																
Methacrylonitrile	2014-12	ug/L																
Methacrylonitrile	2016-10	ug/L									<10					<10	<10	
Methacrylonitrile	2017-10	ug/L																
Methacrylonitrile	2017-12	ug/L			<10													
Methacrylonitrile	2018-07	ug/L								<10								
Methacrylonitrile	2018-10	ug/L								<10								
Methacrylonitrile	2019-05	ug/L		<10														
Methacrylonitrile	2021-10	ug/L																
Methacrylonitrile	2021-12	ug/L	<10															
Methacrylonitrile	2022-10	ug/L			<10													
Methacrylonitrile	2024-04	ug/L		<10														
Methapyrilene	2009-03	ug/L																
Methapyrilene	2009-06	ug/L																
Methapyrilene	2009-09	ug/L																
Methapyrilene	2009-12	ug/L																
Methapyrilene	2010-03	ug/L																
Methapyrilene	2010-06	ug/L																
Methapyrilene	2010-08	ug/L																
Methapyrilene	2010-09	ug/L																
Methapyrilene	2010-12	ug/L																
Methapyrilene	2011-03	ug/L																
Methapyrilene	2011-06	ug/L																
Methapyrilene	2011-09	ug/L																
Methapyrilene	2011-12	ug/L																
Methapyrilene	2012-03	ug/L																
Methapyrilene	2014-12	ug/L																
Methapyrilene	2016-10	ug/L									<10.4					<10.3	<10.2	
Methapyrilene	2017-10	ug/L																
Methapyrilene	2017-12	ug/L			<10.4													
Methapyrilene	2018-07	ug/L								<10.1								
Methapyrilene	2018-10	ug/L								<10.3								
Methapyrilene	2019-05	ug/L		<10.1														
Methapyrilene	2021-10	ug/L																
Methapyrilene	2021-12	ug/L	<10.5															
Methapyrilene	2022-10	ug/L			<8.77													
Methapyrilene	2024-04	ug/L		<10.2														
Methoxychlor	2009-03	ug/L																
Methoxychlor	2009-06	ug/L																
Methoxychlor	2009-09	ug/L																
Methoxychlor	2009-12	ug/L																
Methoxychlor	2010-03	ug/L																
Methoxychlor	2010-06	ug/L																
Methoxychlor	2010-08	ug/L																
Methoxychlor	2010-09	ug/L																
Methoxychlor	2010-12	ug/L																

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Table 20
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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
Methoxychlor	2011-03	ug/L						**0.259**	< 0.0320	< 0.0320	< 0.0320	< 0.0320	< 0.0320	< 0.0320	< 0.0320			
Methoxychlor	2011-06	ug/L											< 0.0320		< 0.0320	< 0.0392	< 0.0320	
Methoxychlor	2011-09	ug/L					< 0.0320	< 0.0320	< 0.0320	< 0.0320	< 0.0320	< 0.0320		< 0.0320	< 0.0320	< 0.0320	< 0.0320	
Methoxychlor	2011-12	ug/L													< 0.0320	< 0.0320	< 0.0320	
Methoxychlor	2012-03	ug/L						< 0.0320								< 0.0320	< 0.0320	
Methoxychlor	2012-10	ug/L						**0.0618 J**										
Methoxychlor	2013-03	ug/L						**0.0187**										
Methoxychlor	2013-09	ug/L																
Methoxychlor	2014-12	ug/L															< 0.0352	
Methoxychlor	2016-10	ug/L							<0.033	<0.032	<0.0344					<0.033	<0.033	
Methoxychlor	2017-10	ug/L						**0.022 J**										
Methoxychlor	2017-12	ug/L					<0.0333					**0.0231 J**						**0.0138 J**
Methoxychlor	2018-07	ug/L											<0.0333					
Methoxychlor	2018-10	ug/L											**0.00563 J**					
Methoxychlor	2019-05	ug/L																
Methoxychlor	2021-10	ug/L							<0.0337	<0.0337	<0.0337					<0.0337	<0.0337	
Methoxychlor	2021-12	ug/L																
Methoxychlor	2022-10	ug/L					<0.0542	<0.0561				**0.0432 J**						<0.0582
Methoxychlor	2023-04	ug/L									<0.064							
Methoxychlor	2024-04	ug/L											<0.064					
Methyl Methacrylate	2009-03	ug/L						< 2	< 2	< 2								
Methyl Methacrylate	2009-06	ug/L					< 10.0	< 2	< 2	< 2.00	< 2			< 2.00				
Methyl Methacrylate	2009-09	ug/L					< 2.00	< 2.00	< 2.00	< 2.00	< 2.00			< 2.00				
Methyl Methacrylate	2009-12	ug/L					< 5.00	< 5.00	< 5.00	< 2.00	< 2.00			< 2.00				
Methyl Methacrylate	2010-03	ug/L					< 2.00	< 2.00	< 2.00	< 2.00	< 2.00			< 2.00				
Methyl Methacrylate	2010-06	ug/L										< 4.00						
Methyl Methacrylate	2010-08	ug/L										< 20.0	< 20.0					
Methyl Methacrylate	2010-09	ug/L					< 20.0	< 20.0	< 20.0	< 20.0	< 20.0	< 20.0	< 20.0	< 20.0				
Methyl Methacrylate	2010-12	ug/L										< 5.00						
Methyl Methacrylate	2011-03	ug/L					< 2.00	< 2.00	< 2.00	< 20.0	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00			
Methyl Methacrylate	2011-04	ug/L					< 2.00		< 2.00	< 20.0	< 2.00						< 2.00	
Methyl Methacrylate	2011-06	ug/L											< 2.00		< 2.00	< 2.00	< 2.00	
Methyl Methacrylate	2011-09	ug/L					< 2.00	< 2.00	< 2.00	< 20.0	< 2.00	< 2.00		< 2.00	< 2.00	< 2.00	< 2.00	
Methyl Methacrylate	2011-12	ug/L													< 2.00	< 2.00	< 2.00	
Methyl Methacrylate	2012-03	ug/L												< 2.00		< 2.00	< 2.00	
Methyl Methacrylate	2014-12	ug/L															< 2.00	
Methyl Methacrylate	2016-10	ug/L							<2	<2	<2					<2	<2	
Methyl Methacrylate	2017-10	ug/L						<2										
Methyl Methacrylate	2017-12	ug/L					<2					<2						<2
Methyl Methacrylate	2018-07	ug/L											<2					
Methyl Methacrylate	2018-10	ug/L											<2					
Methyl Methacrylate	2019-05	ug/L																
Methyl Methacrylate	2021-10	ug/L							<2	<2	<2					<2	<2	
Methyl Methacrylate	2021-12	ug/L																
Methyl Methacrylate	2022-10	ug/L					<2	<2				<2						<2
Methyl Methacrylate	2024-04	ug/L											<2					
Methyl Methanesulfonate	2009-03	ug/L						< 10	< 10	< 10								
Methyl Methanesulfonate	2009-06	ug/L					< 10.0	< 10	< 10	< 10.0	< 10			< 10.0				
Methyl Methanesulfonate	2009-09	ug/L					< 10.0	< 10.0	< 10.0	< 10.0	< 10.0			< 10.0				
Methyl Methanesulfonate	2009-12	ug/L					< 10.0	< 10.0	< 10.0	< 10.0	< 10.0			< 10.0				
Methyl Methanesulfonate	2010-03	ug/L					< 10.0				< 10.0			< 10.0				
Methyl Methanesulfonate	2010-06	ug/L										< 10.0						
Methyl Methanesulfonate	2010-08	ug/L										< 10.0	< 10.0					
Methyl Methanesulfonate	2010-09	ug/L					< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0				
Methyl Methanesulfonate	2010-12	ug/L										< 10.0						
Methyl Methanesulfonate	2011-03	ug/L											< 10.0		< 10.0			
Methyl Methanesulfonate	2011-06	ug/L											< 10.0		< 10.0	< 10.0	< 10.0	
Methyl Methanesulfonate	2011-09	ug/L					< 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-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
Methoxychlor	2011-03	ug/L																
Methoxychlor	2011-06	ug/L																
Methoxychlor	2011-09	ug/L																
Methoxychlor	2011-12	ug/L																
Methoxychlor	2012-03	ug/L																
Methoxychlor	2012-10	ug/L																
Methoxychlor	2013-03	ug/L									~~< 0.0330~~							
Methoxychlor	2013-09	ug/L									~~< 0.0330~~							
Methoxychlor	2014-12	ug/L																
Methoxychlor	2016-10	ug/L									<0.0333					<0.0333	<0.0333	
Methoxychlor	2017-10	ug/L																
Methoxychlor	2017-12	ug/L			**0.00247 J**													
Methoxychlor	2018-07	ug/L								<0.0323								
Methoxychlor	2018-10	ug/L								<0.033								
Methoxychlor	2019-05	ug/L		<0.0327														
Methoxychlor	2021-10	ug/L																
Methoxychlor	2021-12	ug/L	<0.0337															
Methoxychlor	2022-10	ug/L			<0.0542													
Methoxychlor	2023-04	ug/L	<0.064															
Methoxychlor	2024-04	ug/L		<0.064														
Methyl Methacrylate	2009-03	ug/L																
Methyl Methacrylate	2009-06	ug/L																
Methyl Methacrylate	2009-09	ug/L																
Methyl Methacrylate	2009-12	ug/L																
Methyl Methacrylate	2010-03	ug/L																
Methyl Methacrylate	2010-06	ug/L																
Methyl Methacrylate	2010-08	ug/L																
Methyl Methacrylate	2010-09	ug/L																
Methyl Methacrylate	2010-12	ug/L																
Methyl Methacrylate	2011-03	ug/L																
Methyl Methacrylate	2011-04	ug/L																
Methyl Methacrylate	2011-06	ug/L																
Methyl Methacrylate	2011-09	ug/L																
Methyl Methacrylate	2011-12	ug/L																
Methyl Methacrylate	2012-03	ug/L																
Methyl Methacrylate	2014-12	ug/L																
Methyl Methacrylate	2016-10	ug/L									<2					<2	<2	
Methyl Methacrylate	2017-10	ug/L																
Methyl Methacrylate	2017-12	ug/L			<2													
Methyl Methacrylate	2018-07	ug/L								<2								
Methyl Methacrylate	2018-10	ug/L								<2								
Methyl Methacrylate	2019-05	ug/L		<2														
Methyl Methacrylate	2021-10	ug/L																
Methyl Methacrylate	2021-12	ug/L	<2															
Methyl Methacrylate	2022-10	ug/L			<2													
Methyl Methacrylate	2024-04	ug/L		<2														
Methyl Methanesulfonate	2009-03	ug/L																
Methyl Methanesulfonate	2009-06	ug/L																
Methyl Methanesulfonate	2009-09	ug/L																
Methyl Methanesulfonate	2009-12	ug/L																
Methyl Methanesulfonate	2010-03	ug/L																
Methyl Methanesulfonate	2010-06	ug/L																
Methyl Methanesulfonate	2010-08	ug/L																
Methyl Methanesulfonate	2010-09	ug/L																
Methyl Methanesulfonate	2010-12	ug/L																
Methyl Methanesulfonate	2011-03	ug/L																
Methyl Methanesulfonate	2011-06	ug/L																
Methyl Methanesulfonate	2011-09	ug/L																

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
Methyl Methanesulfonate	2011-12	ug/L													< 10.0	< 10.0	< 10.0	
Methyl Methanesulfonate	2012-03	ug/L														< 10.0	< 10.0	
Methyl Methanesulfonate	2014-12	ug/L															< 10.2	
Methyl Methanesulfonate	2016-10	ug/L							<10	<10	<10.9					<11.2	<11.1	
Methyl Methanesulfonate	2017-10	ug/L						<10.5										
Methyl Methanesulfonate	2017-12	ug/L					<10.6					<10.4						<10.4
Methyl Methanesulfonate	2018-07	ug/L											<10.4					
Methyl Methanesulfonate	2018-10	ug/L											<10.4					
Methyl Methanesulfonate	2019-05	ug/L																
Methyl Methanesulfonate	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
Methyl Methanesulfonate	2021-12	ug/L																
Methyl Methanesulfonate	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
Methyl Methanesulfonate	2024-04	ug/L											<10.6					
Methyl Parathion	2009-03	ug/L						< 10	< 10	< 10								
Methyl Parathion	2009-06	ug/L					< 10.0	< 10	< 10	< 10.0	< 10			< 10.0				
Methyl Parathion	2009-09	ug/L					< 10.0	< 10.0	< 10.0	< 10.0	< 10.0			< 10.0				
Methyl Parathion	2009-12	ug/L					< 10.0	< 10.0	< 10.0	< 10.0	< 10.0			< 10.0				
Methyl Parathion	2010-03	ug/L					< 10.0				< 10.0			< 10.0				
Methyl Parathion	2010-06	ug/L										< 10.0						
Methyl Parathion	2010-08	ug/L										< 10.0	< 10.0					
Methyl Parathion	2010-09	ug/L					< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0				
Methyl Parathion	2010-12	ug/L										< 10.0						
Methyl Parathion	2011-03	ug/L											< 10.0		< 10.0			
Methyl Parathion	2011-06	ug/L											< 10.0		< 10.0	< 10.0	< 10.0	
Methyl Parathion	2011-09	ug/L					< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0		< 10.0	< 10.0	< 10.0	< 10.0	
Methyl Parathion	2011-12	ug/L													< 10.0	< 10.0	< 10.0	
Methyl Parathion	2012-03	ug/L														< 10.0	< 10.0	
Methyl Parathion	2014-12	ug/L															< 10.2	
Methyl Parathion	2016-10	ug/L							<10	<10	<10.9					<11.2	<11.1	
Methyl Parathion	2017-10	ug/L						<10.5										
Methyl Parathion	2017-12	ug/L					<10.6					<10.4						<10.4
Methyl Parathion	2018-07	ug/L											<10.4					
Methyl Parathion	2018-10	ug/L											<10.4					
Methyl Parathion	2019-05	ug/L																
Methyl Parathion	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
Methyl Parathion	2021-12	ug/L																
Methyl Parathion	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
Methyl Parathion	2024-04	ug/L											<10.6					
Methylene Chloride	2008-01	ug/L					< 5	< 5	< 5.00	< 5	< 5	< 5	< 5	< 5	< 5			
Methylene Chloride	2008-03	ug/L					< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00			
Methylene Chloride	2008-08	ug/L					**0.5**	**0.58**	**0.69**	**1.04**	**0.74**	< 5	**0.51**	**0.48**	**0.52**			
Methylene Chloride	2008-09	ug/L					< 5	< 5	< 5	**0.78**	< 5	< 5	< 5	< 5	< 5			
Methylene Chloride	2008-10	ug/L					< 5	< 5	< 5	**0.47**	< 5	< 5	< 5	< 5	< 5			
Methylene Chloride	2009-03	ug/L					< 5	**0.65**	< 5	**0.53**	< 5	< 5	< 5	< 5	< 5			
Methylene Chloride	2009-06	ug/L					< 25.0	< 5	< 5	< 5.00	< 5			< 5.00				
Methylene Chloride	2009-09	ug/L					< 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	< 5.00	< 5.00	< 5.00			< 5.00				
Methylene Chloride	2010-03	ug/L					< 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	< 5.00	< 5.00
Methylene Chloride	2010-08	ug/L										< 5.00	< 5.00			< 5.00	< 5.00	< 5.00
Methylene Chloride	2010-09	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
Methylene Chloride	2010-12	ug/L										< 5.00				< 5.00	< 5.00	< 5.00
Methylene Chloride	2011-03	ug/L		< 5.00			< 5.00	< 5.00	< 5.00	< 50.0	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00
Methylene Chloride	2011-04	ug/L					< 5.00		< 5.00	< 50.0	< 5.00						< 5.00	
Methylene Chloride	2011-06	ug/L		< 5.00									< 5.00		< 5.00	< 5.00	< 5.00	
Methylene Chloride	2011-07	ug/L	< 5.00															
Methylene Chloride	2011-08	ug/L		< 5.00														
Methylene Chloride	2011-09	ug/L	< 5.00	< 5.00			< 5.00	< 5.00	< 5.00	< 50.0	< 5.00	< 5.00		< 5.00	< 5.00	< 5.00	< 5.00	< 5.00

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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
Methyl Methanesulfonate	2011-12	ug/L																
Methyl Methanesulfonate	2012-03	ug/L																
Methyl Methanesulfonate	2014-12	ug/L																
Methyl Methanesulfonate	2016-10	ug/L									<10.4					<10.3	<10.2	
Methyl Methanesulfonate	2017-10	ug/L																
Methyl Methanesulfonate	2017-12	ug/L			<10.4													
Methyl Methanesulfonate	2018-07	ug/L								<10.1								
Methyl Methanesulfonate	2018-10	ug/L								<10.3								
Methyl Methanesulfonate	2019-05	ug/L		<10.1														
Methyl Methanesulfonate	2021-10	ug/L																
Methyl Methanesulfonate	2021-12	ug/L	<10.5															
Methyl Methanesulfonate	2022-10	ug/L			<8.77													
Methyl Methanesulfonate	2024-04	ug/L		<10.2														
Methyl Parathion	2009-03	ug/L																
Methyl Parathion	2009-06	ug/L																
Methyl Parathion	2009-09	ug/L																
Methyl Parathion	2009-12	ug/L																
Methyl Parathion	2010-03	ug/L																
Methyl Parathion	2010-06	ug/L																
Methyl Parathion	2010-08	ug/L																
Methyl Parathion	2010-09	ug/L																
Methyl Parathion	2010-12	ug/L																
Methyl Parathion	2011-03	ug/L																
Methyl Parathion	2011-06	ug/L																
Methyl Parathion	2011-09	ug/L																
Methyl Parathion	2011-12	ug/L																
Methyl Parathion	2012-03	ug/L																
Methyl Parathion	2014-12	ug/L																
Methyl Parathion	2016-10	ug/L									<10.4					<10.3	<10.2	
Methyl Parathion	2017-10	ug/L																
Methyl Parathion	2017-12	ug/L			<10.4													
Methyl Parathion	2018-07	ug/L								<10.1								
Methyl Parathion	2018-10	ug/L								<10.3								
Methyl Parathion	2019-05	ug/L		<10.1														
Methyl Parathion	2021-10	ug/L																
Methyl Parathion	2021-12	ug/L	<10.5															
Methyl Parathion	2022-10	ug/L			<8.77													
Methyl Parathion	2024-04	ug/L		<10.2														
Methylene Chloride	2008-01	ug/L																
Methylene Chloride	2008-03	ug/L																
Methylene Chloride	2008-08	ug/L																
Methylene Chloride	2008-09	ug/L																
Methylene Chloride	2008-10	ug/L																
Methylene Chloride	2009-03	ug/L																
Methylene Chloride	2009-06	ug/L																
Methylene Chloride	2009-09	ug/L																
Methylene Chloride	2009-12	ug/L																
Methylene Chloride	2010-03	ug/L																
Methylene Chloride	2010-06	ug/L	~~< 5.00~~	~~< 5.00~~														
Methylene Chloride	2010-08	ug/L	~~< 5.00~~	~~< 5.00~~														
Methylene Chloride	2010-09	ug/L	~~< 5.00~~	~~< 5.00~~														
Methylene Chloride	2010-12	ug/L	~~< 5.00~~	~~< 5.00~~														
Methylene Chloride	2011-03	ug/L	~~< 5.00~~	~~< 5.00~~														
Methylene Chloride	2011-04	ug/L																
Methylene Chloride	2011-06	ug/L																
Methylene Chloride	2011-07	ug/L																
Methylene Chloride	2011-08	ug/L																
Methylene Chloride	2011-09	ug/L	~~< 5.00~~	~~< 5.00~~														

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
Methylene Chloride	2011-12	ug/L	~~< 5.00~~	~~< 5.00~~											~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	
Methylene Chloride	2012-03	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~~	~~< 5.00~~	~~< 5.00~~
Methylene Chloride	2012-06	ug/L																
Methylene Chloride	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~~
Methylene Chloride	2013-03	ug/L	**~~0.402~~**	~~< 5.00~~			~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 50.0~~	~~< 5.00~~	~~< 5.00~~		~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~
Methylene Chloride	2013-06	ug/L																
Methylene Chloride	2013-09	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~~	~~< 5.00~~
Methylene Chloride	2013-11	ug/L																
Methylene Chloride	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~~	~~< 5.00~~	~~< 5.00~~
Methylene Chloride	2014-06	ug/L																
Methylene Chloride	2014-09	ug/L	~~< 5~~	~~< 5~~			~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 5~~	~~< 5~~	~~< 5~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 5~~
Methylene Chloride	2014-12	ug/L															~~< 5.00~~	
Methylene Chloride	2015-04	ug/L	< 5.00	< 5			< 5	< 5.00	< 5	< 5	< 5	< 5.00	< 5.00			< 5.00	< 5	< 5
Methylene Chloride	2015-10	ug/L	**0.224 J**				**0.263 J**	<5	<5	<5	**0.682 J**	<5				<5	<5	**0.291 J**
Methylene Chloride	2016-04	ug/L	<5	<5			<5	<5	<5	<5	**0.218 J**	<5	<5			<5	<5	<5
Methylene Chloride	2016-10	ug/L	**0.494 J**	**0.302 J**			**0.413 J**	**0.498 J**	**0.372 J**	<5	<5	**0.478 J**	**0.655 J**			**0.594 J**	<5	**0.387 J**
Methylene Chloride	2017-03	ug/L	**0.414 J**	**0.298 J**			**0.537 J**	**0.301 J**	**0.186 J**	**0.17 J**	**0.498 J**	**0.253 J**	**0.311 J**			**0.36 J**	**0.415 J**	<5
Methylene Chloride	2017-10	ug/L	<5	<5			<5	<5	**0.277 J**	<5	**0.221 J**	<5				<5	<5	**0.243 J**
Methylene Chloride	2017-12	ug/L					<5					<5						<5
Methylene Chloride	2018-04	ug/L	**0.591 J**	**0.898 J**	**0.343 J**		**0.501 J**	**0.304 J**	**0.201 J**	**0.386 J**	**0.556 J**	**0.48 J**	**0.379 J**			**0.284 J**	**0.307 J**	**0.379 J**
Methylene Chloride	2018-07	ug/L											<5					
Methylene Chloride	2018-10	ug/L	<5	<5			<5	<5	<5	<5	<5	<5	<5			<5	<5	<5
Methylene Chloride	2019-01	ug/L																
Methylene Chloride	2019-03	ug/L	<5	<5			<5	<5	<5	<5	<5	<5	<5			<5	<5	<5
Methylene Chloride	2019-05	ug/L																
Methylene Chloride	2019-10	ug/L	<5	<5			<5	<5	<5	<5	<5	<5	<5			<5	<5	<5
Methylene Chloride	2020-03	ug/L	<5	<5			<5	<5	<5	<5	<5	<5	<5			<5	<5	<5
Methylene Chloride	2020-09	ug/L	<5	<5			<5	<5	<5	<5	<5	<5	<5			<5	<5	<5
Methylene Chloride	2021-03	ug/L	<5	<5			<5	<5	<5	<5	<5	<5	<5			<5	<5	<5
Methylene Chloride	2021-05	ug/L																
Methylene Chloride	2021-08	ug/L																
Methylene Chloride	2021-10	ug/L	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5			<5	<5	<5
Methylene Chloride	2021-12	ug/L																
Methylene Chloride	2022-02	ug/L	<5		<5	<5												
Methylene Chloride	2022-04	ug/L	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5			<5	<5	<5
Methylene Chloride	2022-07	ug/L			<5	<5												
Methylene Chloride	2022-10	ug/L	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				<5	<5	<5
Methylene Chloride	2023-04	ug/L	<5	<5		<5	<5	<5	<5	<5	<5	<5	<5			<5	<5	<5
Methylene Chloride	2023-05	ug/L			<5													
Methylene Chloride	2023-10	ug/L	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				<5	<5	<5
Methylene Chloride	2024-04	ug/L	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5			<5	<5	<5
Methylene Chloride	2024-09	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5			< 5	< 5	< 5
Methylene Chloride	2025-03	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5			< 5	< 5	< 5
Methylene Chloride	2025-08	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5			< 5	< 5	< 5
Naphthalene	2009-03	ug/L						~~< 5~~	~~< 5~~	~~< 5~~								
Naphthalene	2009-06	ug/L					~~< 25.0~~	~~< 5~~	~~< 5~~	~~< 5.00~~	~~< 5~~			~~< 5.00~~				
Naphthalene	2009-09	ug/L					~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~			~~< 5.00~~				
Naphthalene	2009-12	ug/L					~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~			~~< 5.00~~				
Naphthalene	2010-03	ug/L					~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~			~~< 5.00~~				
Naphthalene	2010-06	ug/L										~~< 5.00~~						
Naphthalene	2010-08	ug/L										~~< 5.00~~	~~< 5.00~~					
Naphthalene	2010-09	ug/L					~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~				
Naphthalene	2010-12	ug/L										~~< 5.00~~						
Naphthalene	2011-03	ug/L					~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 50.0~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~			
Naphthalene	2011-04	ug/L					~~< 5.00~~		~~< 5.00~~	~~< 50.0~~	~~< 5.00~~						~~< 5.00~~	
Naphthalene	2011-06	ug/L											~~< 5.00~~		~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	
Naphthalene	2011-09	ug/L					~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 50.0~~	~~< 5.00~~	~~< 5.00~~		~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	
Naphthalene	2011-12	ug/L													~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	

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Table 20
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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
Methylene Chloride	2011-12	ug/L																
Methylene Chloride	2012-03	ug/L	~~< 5.00~~	~~< 5.00~~														
Methylene Chloride	2012-06	ug/L									~~< 5.00~~	~~< 5.00~~		~~< 5.00~~		~~< 5.00~~	~~< 5.00~~	
Methylene Chloride	2012-10	ug/L																
Methylene Chloride	2013-03	ug/L	~~< 5.00~~								~~< 5.00~~							
Methylene Chloride	2013-06	ug/L			~~< 5.00~~													
Methylene Chloride	2013-09	ug/L	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~						~~< 5.00~~							
Methylene Chloride	2013-11	ug/L			~~< 5.00~~													
Methylene Chloride	2014-03	ug/L	~~< 5.00~~		~~< 5.00~~						~~< 5.00~~							
Methylene Chloride	2014-06	ug/L		~~< 5.00~~	~~< 5.00~~													
Methylene Chloride	2014-09	ug/L	~~< 5~~	~~< 5~~	~~< 5~~						~~< 5~~							
Methylene Chloride	2014-12	ug/L																
Methylene Chloride	2015-04	ug/L	< 5.00	< 5.00	< 5.00						< 5							
Methylene Chloride	2015-10	ug/L	<5	**0.183 J**	**0.173 J**						<5					<5	**0.206 J**	
Methylene Chloride	2016-04	ug/L	<5	<5	<5						<5					<5	<5	
Methylene Chloride	2016-10	ug/L	**0.408 J**	**0.313 J**	**0.321 J**						**0.336 J**					**0.671 J**	**0.307 J**	
Methylene Chloride	2017-03	ug/L	**0.467 J**	**0.181 J**	<5						<5					<5	**0.271 J**	
Methylene Chloride	2017-10	ug/L	<5	<5	<5						<5					**0.356 J**	<5	
Methylene Chloride	2017-12	ug/L			<5													
Methylene Chloride	2018-04	ug/L	**0.203 J**	**0.391 J**	<5						**0.202 J**					<5	**0.256 J**	
Methylene Chloride	2018-07	ug/L								<5								
Methylene Chloride	2018-10	ug/L	<5	<5	<5					<5	<5					<5	<5	
Methylene Chloride	2019-01	ug/L								<5								
Methylene Chloride	2019-03	ug/L	<5	<5	<5					<5	<5					<5	<5	
Methylene Chloride	2019-05	ug/L		<5						<5								
Methylene Chloride	2019-10	ug/L	<5	<5	<5					<5	<5					<5	<5	
Methylene Chloride	2020-03	ug/L	<5	<5	<5					<10	<5					<5	<10	
Methylene Chloride	2020-09	ug/L	<5	<5	<5					<5	<5					<5	<5	
Methylene Chloride	2021-03	ug/L	<5	<5	<5			<5	<5	<5	<5					<5	<5	
Methylene Chloride	2021-05	ug/L	<5															
Methylene Chloride	2021-08	ug/L						<5	<5									
Methylene Chloride	2021-10	ug/L	<5	<5	<5			<5	<5	<5	<5							
Methylene Chloride	2021-12	ug/L	<5															
Methylene Chloride	2022-02	ug/L						<5	<5									
Methylene Chloride	2022-04	ug/L	<5	<5	<5			<5	<5	<5	<5							
Methylene Chloride	2022-07	ug/L																
Methylene Chloride	2022-10	ug/L	<5	<5	<5			<5	<5	<5	<5							
Methylene Chloride	2023-04	ug/L	<5	<5	<5			<5	<5	<5	<5							
Methylene Chloride	2023-05	ug/L																
Methylene Chloride	2023-10	ug/L	<5	<5	<5			<5	<5	<5	<5							
Methylene Chloride	2024-04	ug/L	<5	<5	<5			<5	<5	<5	<5							
Methylene Chloride	2024-09	ug/L	< 5	< 5	< 5			< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methylene Chloride	2025-03	ug/L	< 5	< 5	< 5			< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methylene Chloride	2025-08	ug/L	< 5	< 5	< 5			< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Naphthalene	2009-03	ug/L																
Naphthalene	2009-06	ug/L																
Naphthalene	2009-09	ug/L																
Naphthalene	2009-12	ug/L																
Naphthalene	2010-03	ug/L																
Naphthalene	2010-06	ug/L																
Naphthalene	2010-08	ug/L																
Naphthalene	2010-09	ug/L																
Naphthalene	2010-12	ug/L																
Naphthalene	2011-03	ug/L																
Naphthalene	2011-04	ug/L																
Naphthalene	2011-06	ug/L																
Naphthalene	2011-09	ug/L																
Naphthalene	2011-12	ug/L																

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Table 20
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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
Naphthalene	2012-03	ug/L												< 5.00		< 5.00	< 5.00	
Naphthalene	2014-12	ug/L															< 5.00	
Naphthalene	2016-10	ug/L							<5	<5	<5					<5	<5	
Naphthalene	2017-10	ug/L						<5										
Naphthalene	2017-12	ug/L					<5					<5						<5
Naphthalene	2018-07	ug/L											<5					
Naphthalene	2018-10	ug/L											<5					
Naphthalene	2019-05	ug/L																
Naphthalene	2021-10	ug/L							<5	<5	<5					<5	<5	
Naphthalene	2021-12	ug/L																
Naphthalene	2022-10	ug/L					<5	<5				<5						<5
Naphthalene	2024-04	ug/L											<5					
Nickel	2008-01	mg/L					< 0.05	< 0.05	< 0.0500	< 0.05	< 0.05	**0.0551**	< 0.05	< 0.05	< 0.05			
Nickel	2008-03	mg/L					< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500			
Nickel	2008-08	mg/L					< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			
Nickel	2008-09	mg/L					< 0.05	< 0.05	< 0.05	**0.0546**	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			
Nickel	2008-10	mg/L					< 0.05	**0.0525**	< 0.05	**0.0562**	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			
Nickel	2009-03	mg/L					< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			
Nickel	2009-06	mg/L					< 0.0500	< 0.05	< 0.05	**0.0565**	< 0.05			< 0.0500				
Nickel	2009-09	mg/L					< 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	< 0.0500	< 0.0500	< 0.0500			< 0.0500				
Nickel	2010-03	mg/L					< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500			
Nickel	2010-06	mg/L										< 0.0500				< 0.0500	< 0.0500	< 0.0500
Nickel	2010-08	mg/L										< 0.0500	< 0.0500			< 0.0500	< 0.0500	< 0.0500
Nickel	2010-09	mg/L					< 0.0500	< 0.0500	< 0.0500	**0.0573**	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500
Nickel	2010-12	mg/L										< 0.0500				< 0.0500	< 0.0500	< 0.0500
Nickel	2011-03	mg/L		< 0.0500			< 0.0500	< 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		< 0.0500	< 0.0500	< 0.0500	
Nickel	2011-07	mg/L	< 0.0500															
Nickel	2011-08	mg/L		< 0.0500														
Nickel	2011-09	mg/L	< 0.0500	< 0.0500			< 0.0500	< 0.0500	< 0.0500	**0.0536**	< 0.0500	< 0.0500		< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500
Nickel	2011-12	mg/L	< 0.0500	< 0.0500											< 0.0500	< 0.0500	< 0.0500	
Nickel	2012-03	mg/L	< 0.0500	< 0.0500			< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500
Nickel	2012-04	mg/L																
Nickel	2012-06	mg/L																
Nickel	2012-10	mg/L	< 0.0500	< 0.0500			< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500			< 0.0500	< 0.0500	< 0.0500	< 0.0500	< 0.0500
Nickel	2013-03	mg/L	**0.0203**	< 0.0500			< 0.0500	**0.0303**	**0.0362**	**0.0413**	< 0.0500	**0.00365**		**0.016**	< 0.0500	**0.0626**	< 0.0500	**0.0474**
Nickel	2013-06	mg/L																
Nickel	2013-09	mg/L	**0.0338**	< 0.0500			< 0.0500	**0.0609**	**0.0275**	**0.031**	**0.0181**	< 0.0500		**0.017**	< 0.0500	< 0.0500	**0.018**	**0.0111**
Nickel	2013-11	mg/L																
Nickel	2014-03	mg/L	**0.046**	**0.00797**			< 0.0500	**0.0689**	**0.0382**	**0.0318**	**0.0341**	**0.0222**	**0.00995**	**0.0275**	**0.00885**	**0.0344**	**0.024**	**0.0261**
Nickel	2014-06	mg/L																
Nickel	2014-09	mg/L	**0.0466**	< 0.005			**0.00321**	**0.0213**	**0.0265**	**0.0261**	**0.0299**	**0.0318**	**0.00631**	**0.0254**	**0.0057**	**0.0274**	**0.0141**	**0.0219**
Nickel	2014-12	mg/L															**0.0183**	
Nickel	2015-04	mg/L	**0.0462**	**0.00155**			**0.00231**	**0.0327**	**0.02**	**0.0204**	**0.0317**	**0.0355**	**0.00606**			**0.00523**	**0.0174**	**0.0187**
Nickel	2015-10	mg/L	**0.0588**	**0.000967 J**			**0.0078**	**0.0273**	**0.0296**	**0.0278**	**0.0352**	**0.0446**				**0.032**	**0.0153**	**0.0154**
Nickel	2016-04	mg/L	**0.044**	<0.005			**0.00455 J**	**0.0148**	**0.0413**	**0.0155**	**0.0486 o**	**0.047**	**0.00613**			**0.0136**	**0.0154**	**0.00941**
Nickel	2016-10	mg/L	**0.0508**	<0.005			**0.00537**	**0.0188**	**0.0265**	**0.0168**	**0.0353**	**0.0456**	**0.0071**			**0.0279**	**0.0116**	**0.0126**
Nickel	2017-03	mg/L	**0.0629**	**0.00618**			**0.00674**	**0.0242**	**0.0401**	**0.0126**	**0.0335**	**0.0449**	**0.00856**			**0.0144**	**0.0129**	**0.00665**
Nickel	2017-06	mg/L	**0.0576**	**0.00392 J**			**0.00737**	**0.0168**				**0.0481**	**0.00817**					**0.00835**
Nickel	2017-10	mg/L	**0.0527**	**0.00197 J**			**0.00592**	**0.0293**	**0.0449**	**0.0171**	**0.035**	**0.0449**				**0.0147**	**0.0112**	**0.00846**
Nickel	2017-12	mg/L					**0.00686**					**0.0487**						**0.0106**
Nickel	2018-04	mg/L	**0.0568**	**0.00528**	<0.005		**0.00635**	**0.0188**	**0.0443**	**0.00997**	**0.0291**	**0.0263**	**0.0099**			**0.0153**	**0.00439 J**	**0.00817**
Nickel	2018-07	mg/L											**0.00994**					
Nickel	2018-10	mg/L	**0.0543**	**0.00148 J**			**0.00533**	**0.0151**	**0.0342**	**0.0432**	**0.031**	**0.0511**	**0.00972**			**0.0141**	**0.00405 J**	**0.0102**
Nickel	2019-01	mg/L																
Nickel	2019-03	mg/L	**0.0542**	**0.00439 J**			**0.00778**	**0.0127**	**0.0286**	**0.0282**	**0.0369**	**0.052**	**0.00256 J**			**0.00602**	**0.00758**	**0.00959**
Nickel	2019-05	mg/L																

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Table 20
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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
Naphthalene	2012-03	ug/L																
Naphthalene	2014-12	ug/L																
Naphthalene	2016-10	ug/L									<5					<5	<5	
Naphthalene	2017-10	ug/L																
Naphthalene	2017-12	ug/L			<5													
Naphthalene	2018-07	ug/L								<5								
Naphthalene	2018-10	ug/L								<5								
Naphthalene	2019-05	ug/L		<5														
Naphthalene	2021-10	ug/L																
Naphthalene	2021-12	ug/L	<5															
Naphthalene	2022-10	ug/L			<5													
Naphthalene	2024-04	ug/L		<5														
Nickel	2008-01	mg/L																
Nickel	2008-03	mg/L																
Nickel	2008-08	mg/L																
Nickel	2008-09	mg/L																
Nickel	2008-10	mg/L																
Nickel	2009-03	mg/L																
Nickel	2009-06	mg/L																
Nickel	2009-09	mg/L																
Nickel	2009-12	mg/L																
Nickel	2010-03	mg/L																
Nickel	2010-06	mg/L	~~< 0.0500~~	~~< 0.0500~~														
Nickel	2010-08	mg/L	~~< 0.0500~~	~~< 0.0500~~														
Nickel	2010-09	mg/L	~~< 0.0500~~	~~< 0.0500~~														
Nickel	2010-12	mg/L	~~< 0.0500~~	~~< 0.0500~~														
Nickel	2011-03	mg/L	~~< 0.0500~~	~~< 0.0500~~														
Nickel	2011-06	mg/L																
Nickel	2011-07	mg/L																
Nickel	2011-08	mg/L																
Nickel	2011-09	mg/L	~~< 0.0500~~	~~< 0.0500~~														
Nickel	2011-12	mg/L																
Nickel	2012-03	mg/L	~~< 0.0500~~	~~< 0.0500~~														
Nickel	2012-04	mg/L									~~0.246~~	~~< 0.0500~~		~~< 0.0500~~		~~0.0837~~	~~0.125~~	
Nickel	2012-06	mg/L									~~0.117~~	~~< 0.0500~~		~~< 0.0500~~		~~0.0848~~	~~0.0935~~	
Nickel	2012-10	mg/L									~~< 0.0500~~			~~< 0.0500~~		~~< 0.0500~~	~~< 0.0500~~	
Nickel	2013-03	mg/L	~~0.00727~~								~~0.0712~~					~~0.0974~~	~~< 0.0500~~	
Nickel	2013-06	mg/L			~~0.007~~													
Nickel	2013-09	mg/L	~~0.0795~~	~~< 0.0500~~	~~0.0193~~						~~0.0565~~					~~0.0875~~	~~< 0.0500~~	
Nickel	2013-11	mg/L			~~0.0133~~													
Nickel	2014-03	mg/L	~~0.0234~~		~~0.0111~~						~~0.0168~~					~~0.0742~~	~~< 0.0500~~	
Nickel	2014-06	mg/L		~~< 0.0500~~	~~< 0.0500~~													
Nickel	2014-09	mg/L	~~0.0152~~	~~0.00207~~	~~0.0061~~						~~0.00594~~					~~0.00751~~	~~0.00361~~	
Nickel	2014-12	mg/L																
Nickel	2015-04	mg/L	**0.028**	**0.00156**	**0.00449**						**0.00391**					**0.000746**	**0.000961**	
Nickel	2015-10	mg/L	**0.00801**	**0.00215 J**	**0.00384 J**						**0.00103 J**					**0.00103 J**	**0.00223 J**	
Nickel	2016-04	mg/L	**0.00578**	**0.00243 J**	**0.00197 J**						<0.005					<0.005	<0.005	
Nickel	2016-10	mg/L	**0.0146**	**0.00339 J**	**0.00328 J**						<0.005					<0.005	**0.00155 J**	
Nickel	2017-03	mg/L	**0.0202**	**0.00185 J**	**0.00273 J**						<0.005					<0.005	**0.000972 J**	
Nickel	2017-06	mg/L	**0.00377 J**															
Nickel	2017-10	mg/L	**0.00242 J**	**0.0023 J**	**0.00185 J**						<0.005					**0.0012 J**	**0.00267 J**	
Nickel	2017-12	mg/L			**0.00168 J**													
Nickel	2018-04	mg/L	**0.00268 J**	<0.005	<0.005						**0.00508**					<0.005	<0.005	
Nickel	2018-07	mg/L								~~0.00295 Jo~~								
Nickel	2018-10	mg/L	**0.00227 J**	**0.0125**	**0.00203 J**					<0.005	**0.00296 J**					<0.005	**0.00121 J**	
Nickel	2019-01	mg/L		**0.00419 J**						<0.005								
Nickel	2019-03	mg/L	**0.00328 J**	**0.00573**	<0.005					<0.005	<0.005					<0.005	<0.005	
Nickel	2019-05	mg/L		**0.0064**						**0.00169 J**								

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
Nickel	2019-10	mg/L	**0.0474**	<0.005			**0.00844**	**0.0114**	**0.0221**	**0.0128**	**0.0285**	**0.0377**	**0.00672**			**0.0125**	**0.00728**	**0.0164**
Nickel	2020-03	mg/L	**0.0422**	**0.0078**			**0.0088**	**0.00831**	**0.0294**	**0.0176**	**0.0382**	**0.0441**	**0.00789**			**0.00635**	**0.00796**	**0.00895**
Nickel	2020-09	mg/L	**0.0464**	**0.00221 J**			**0.011**	**0.0102**	**0.0217**	**0.03**	**0.0366**	**0.0482**	**0.00783**			**0.00829**	**0.00906**	**0.013**
Nickel	2020-11	mg/L	**0.0443**															
Nickel	2020-12	mg/L	**0.0478**															
Nickel	2021-03	mg/L	**0.0483**	**0.00619**			**0.00718**	**0.0116**	**0.0275**	**0.0287**	**0.0348**	**0.0344**	**0.0121**			**0.00241 J**	**0.00699**	**0.00452 J**
Nickel	2021-05	mg/L																
Nickel	2021-08	mg/L																
Nickel	2021-10	mg/L	**0.039**	<0.005	<0.005		**0.0098**	**0.0222**	**0.0144**	**0.033**	**0.0346**	**0.04**	**0.00859**			**0.00704**	**0.012**	<0.005
Nickel	2021-12	mg/L																
Nickel	2022-02	mg/L	**0.0236**		<0.005	**0.00199 J**												
Nickel	2022-04	mg/L	**0.044**	**0.0077**	<0.005	<0.005	**0.00401 J**	**0.0167**	**0.0282**	**0.019**	**0.036**	**0.0306**	**0.013**			<0.005	**0.00594**	<0.005
Nickel	2022-07	mg/L			<0.005	<0.005												
Nickel	2022-10	mg/L	**0.0433**	**0.00627**	<0.005	<0.005	**0.00843**	**0.0157**	**0.0205**	**0.0276**	**0.0313**	**0.0343**				**0.011**	**0.00748**	**0.00238 J**
Nickel	2023-04	mg/L	**0.0478**	**0.00971**		<0.005	**0.0096**	**0.0177**	**0.0242**	**0.0225**	**0.0342**	**0.0207**	**0.0437**			**0.00222 J**	**0.00333 J**	<0.005
Nickel	2023-05	mg/L			<0.005													
Nickel	2023-10	mg/L	**0.0491**	**0.00358 J**	<0.005	<0.005	**0.00867**	**0.0246**	**0.0198**	**0.0296**	**0.0334**	**0.0223**				**0.0205**	**0.00816**	<0.005
Nickel	2024-04	mg/L	**0.0463**	**0.00774**	<0.005	<0.005	**0.00928**	**0.0261**	**0.0253**	**0.0101**	**0.0333**	**0.014**	**0.0512**			<0.005	**0.00692**	<0.005
Nickel	2024-05	mg/L																
Nickel	2024-09	mg/L	**0.0424**	< 0.005	< 0.005	< 0.005	**0.00953**	**0.0227**	**0.0233**	**0.0215**	**0.0352**	**0.0234**	**0.0489**			**0.00785**	**0.011**	< 0.005
Nickel	2025-03	mg/L	**0.0228**	**0.00773**	< 0.005	< 0.005	**0.00677**	**0.0172**	**0.0175**	**0.0136**	**0.0309**	**0.00634**	**0.0364**			< 0.005	**0.00825**	< 0.005
Nickel	2025-08	mg/L	**0.0369**	< 0.005	< 0.005	< 0.005	**0.00834**	**0.0114**	**0.0176**	**0.0135**	**0.0347**	**0.0133**	**0.0348**			**0.00468 J**	**0.0108**	< 0.005
Nitrobenzene	2009-03	ug/L						~~< 10~~	~~< 10~~	~~< 10~~								
Nitrobenzene	2009-06	ug/L					~~< 10.0~~	~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10~~			~~< 10.0~~				
Nitrobenzene	2009-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
Nitrobenzene	2009-12	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
Nitrobenzene	2010-03	ug/L					~~< 10.0~~				~~< 10.0~~			~~< 10.0~~				
Nitrobenzene	2010-06	ug/L										~~< 10.0~~						
Nitrobenzene	2010-08	ug/L										~~< 10.0~~	~~< 10.0~~					
Nitrobenzene	2010-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~				
Nitrobenzene	2010-12	ug/L										~~< 10.0~~						
Nitrobenzene	2011-03	ug/L											~~< 10.0~~		~~< 10.0~~			
Nitrobenzene	2011-06	ug/L											~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Nitrobenzene	2011-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Nitrobenzene	2011-12	ug/L													~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Nitrobenzene	2012-03	ug/L														~~< 10.0~~	~~< 10.0~~	
Nitrobenzene	2014-12	ug/L															~~< 10.2~~	
Nitrobenzene	2016-10	ug/L							<10	<10	<10.9					<11.2	<11.1	
Nitrobenzene	2017-10	ug/L						<10.5										
Nitrobenzene	2017-12	ug/L					<10.6					<10.4						<10.4
Nitrobenzene	2018-07	ug/L											<10.4					
Nitrobenzene	2018-10	ug/L											<10.4					
Nitrobenzene	2019-05	ug/L																
Nitrobenzene	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
Nitrobenzene	2021-12	ug/L																
Nitrobenzene	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
Nitrobenzene	2024-04	ug/L											<10.6					
N-Nitrosodiethylamine	2009-03	ug/L						~~< 10~~	~~< 10~~	~~< 10~~								
N-Nitrosodiethylamine	2009-06	ug/L					~~< 10.0~~	~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10~~			~~< 10.0~~				
N-Nitrosodiethylamine	2009-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
N-Nitrosodiethylamine	2009-12	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
N-Nitrosodiethylamine	2010-03	ug/L					~~< 10.0~~				~~< 10.0~~			~~< 10.0~~				
N-Nitrosodiethylamine	2010-06	ug/L										~~< 10.0~~						
N-Nitrosodiethylamine	2010-08	ug/L										~~< 10.0~~	~~< 10.0~~					
N-Nitrosodiethylamine	2010-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~				
N-Nitrosodiethylamine	2010-12	ug/L										~~< 10.0~~						
N-Nitrosodiethylamine	2011-03	ug/L											~~< 10.0~~		~~< 10.0~~			
N-Nitrosodiethylamine	2011-06	ug/L											~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	

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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
Nickel	2019-10	mg/L	<0.005	**0.00534**	**0.00174 J**					<0.005	<0.005					<0.005	<0.005	
Nickel	2020-03	mg/L	<0.005	**0.00593**	<0.005					<0.005	<0.005					<0.005	<0.005	
Nickel	2020-09	mg/L	**0.00201 J**	**0.0103**	**0.00242 J**					<0.005	<0.005					<0.005	<0.005	
Nickel	2020-11	mg/L																
Nickel	2020-12	mg/L																
Nickel	2021-03	mg/L	**0.054**	**0.01**	<0.005			**0.00914**	**0.00401 J**	<0.005	<0.005					<0.005	<0.005	
Nickel	2021-05	mg/L	**0.0219**															
Nickel	2021-08	mg/L						**0.00853**	**0.00619**									
Nickel	2021-10	mg/L	**0.0693**	**0.003 J**	**0.00225 J**			**0.00576**	**0.00527**	<0.005	~~**0.00561**~~							
Nickel	2021-12	mg/L	**0.0452**															
Nickel	2022-02	mg/L						**0.00733**	**0.00483 J**									
Nickel	2022-04	mg/L	**0.0813**	**0.00858**	<0.005			**0.00927**	<0.005	<0.005	<0.005							
Nickel	2022-07	mg/L																
Nickel	2022-10	mg/L	**0.0555**	**0.00336 J**	**0.00285 J**			**0.00627**	<0.005	<0.005	~~**0.00425 J**~~							
Nickel	2023-04	mg/L	**0.0818**	**0.00506**	**0.00232 J**			**0.0216**	<0.005	<0.005	~~**0.00282 J**~~							
Nickel	2023-05	mg/L																
Nickel	2023-10	mg/L	**0.0613**	<0.005	**0.00325 J**			~~**0.00834**~~	**0.00355 J**	~~**0.00257 Jo**~~	<0.005							
Nickel	2024-04	mg/L	**0.0113**	**0.00255 J**	**0.00277 J**			~~**0.209**~~	**0.00255 J**	<0.005	**0.00275 J**							
Nickel	2024-05	mg/L						~~**0.107**~~				**0.00451 J**	**0.00568**	**0.0031 J**	<0.005			<0.005
Nickel	2024-09	mg/L	**0.00656**	**0.0077**	**0.00302 J**			**0.0415**	< 0.005	< 0.005	**0.00247 J**	**0.00619**	**0.006**	**0.00427 J**	< 0.005	< 0.005	< 0.005	< 0.005
Nickel	2025-03	mg/L	**0.0669**	**0.00505**	**0.00257 J**			**0.0238**	< 0.005	< 0.005	< 0.005	**0.00365 J**	**0.00695**	**0.00496 J**	< 0.005	< 0.005	< 0.005	< 0.005
Nickel	2025-08	mg/L	**0.0814**	**0.00543**	**0.00321 J**			**0.0184**	< 0.005	< 0.005	**0.00253 J**	**0.00578**	**0.00723**	**0.00555**	**0.00537**	< 0.005	< 0.005	< 0.005
Nitrobenzene	2009-03	ug/L																
Nitrobenzene	2009-06	ug/L																
Nitrobenzene	2009-09	ug/L																
Nitrobenzene	2009-12	ug/L																
Nitrobenzene	2010-03	ug/L																
Nitrobenzene	2010-06	ug/L																
Nitrobenzene	2010-08	ug/L																
Nitrobenzene	2010-09	ug/L																
Nitrobenzene	2010-12	ug/L																
Nitrobenzene	2011-03	ug/L																
Nitrobenzene	2011-06	ug/L																
Nitrobenzene	2011-09	ug/L																
Nitrobenzene	2011-12	ug/L																
Nitrobenzene	2012-03	ug/L																
Nitrobenzene	2014-12	ug/L																
Nitrobenzene	2016-10	ug/L									<10.4					<10.3	<10.2	
Nitrobenzene	2017-10	ug/L																
Nitrobenzene	2017-12	ug/L			<10.4													
Nitrobenzene	2018-07	ug/L								<10.1								
Nitrobenzene	2018-10	ug/L								<10.3								
Nitrobenzene	2019-05	ug/L		<10.1														
Nitrobenzene	2021-10	ug/L																
Nitrobenzene	2021-12	ug/L	<10.5															
Nitrobenzene	2022-10	ug/L			<8.77													
Nitrobenzene	2024-04	ug/L		<10.2														
N-Nitrosodiethylamine	2009-03	ug/L																
N-Nitrosodiethylamine	2009-06	ug/L																
N-Nitrosodiethylamine	2009-09	ug/L																
N-Nitrosodiethylamine	2009-12	ug/L																
N-Nitrosodiethylamine	2010-03	ug/L																
N-Nitrosodiethylamine	2010-06	ug/L																
N-Nitrosodiethylamine	2010-08	ug/L																
N-Nitrosodiethylamine	2010-09	ug/L																
N-Nitrosodiethylamine	2010-12	ug/L																
N-Nitrosodiethylamine	2011-03	ug/L																
N-Nitrosodiethylamine	2011-06	ug/L																

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
N-Nitrosodiethylamine	2011-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
N-Nitrosodiethylamine	2011-12	ug/L													~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
N-Nitrosodiethylamine	2012-03	ug/L														~~< 10.0~~	~~< 10.0~~	
N-Nitrosodiethylamine	2014-12	ug/L															~~< 10.2~~	
N-Nitrosodiethylamine	2016-10	ug/L							<10	<10	<10.9					<11.2	<11.1	
N-Nitrosodiethylamine	2017-10	ug/L						<10.5										
N-Nitrosodiethylamine	2017-12	ug/L					<10.6					<10.4						<10.4
N-Nitrosodiethylamine	2018-07	ug/L											<10.4					
N-Nitrosodiethylamine	2018-10	ug/L											<10.4					
N-Nitrosodiethylamine	2019-05	ug/L																
N-Nitrosodiethylamine	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
N-Nitrosodiethylamine	2021-12	ug/L																
N-Nitrosodiethylamine	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
N-Nitrosodiethylamine	2024-04	ug/L											<10.6					
N-Nitrosodimethylamine	2009-03	ug/L						~~< 10~~	~~< 10~~	~~< 10~~								
N-Nitrosodimethylamine	2009-06	ug/L					~~< 10.0~~	~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10~~			~~< 10.0~~				
N-Nitrosodimethylamine	2009-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
N-Nitrosodimethylamine	2009-12	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
N-Nitrosodimethylamine	2010-03	ug/L					~~< 10.0~~				~~< 10.0~~			~~< 10.0~~				
N-Nitrosodimethylamine	2010-06	ug/L										~~< 10.0~~						
N-Nitrosodimethylamine	2010-08	ug/L										~~< 10.0~~	~~< 10.0~~					
N-Nitrosodimethylamine	2010-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~				
N-Nitrosodimethylamine	2010-12	ug/L										~~< 10.0~~						
N-Nitrosodimethylamine	2011-03	ug/L											~~< 10.0~~		~~< 10.0~~			
N-Nitrosodimethylamine	2011-06	ug/L											~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
N-Nitrosodimethylamine	2011-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
N-Nitrosodimethylamine	2011-12	ug/L													~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
N-Nitrosodimethylamine	2012-03	ug/L														~~< 10.0~~	~~< 10.0~~	
N-Nitrosodimethylamine	2014-12	ug/L															~~< 10.2~~	
N-Nitrosodimethylamine	2016-10	ug/L							<10	<10	<10.9					<11.2	<11.1	
N-Nitrosodimethylamine	2017-10	ug/L						<10.5										
N-Nitrosodimethylamine	2017-12	ug/L					<10.6					<10.4						<10.4
N-Nitrosodimethylamine	2018-07	ug/L											<10.4					
N-Nitrosodimethylamine	2018-10	ug/L											<10.4					
N-Nitrosodimethylamine	2019-05	ug/L																
N-Nitrosodimethylamine	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
N-Nitrosodimethylamine	2021-12	ug/L																
N-Nitrosodimethylamine	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
N-Nitrosodimethylamine	2024-04	ug/L											<10.6					
N-Nitrosodi-n-butylamine	2009-03	ug/L						~~< 10~~	~~< 10~~	~~< 10~~								
N-Nitrosodi-n-butylamine	2009-06	ug/L					~~< 10.0~~	~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10~~			~~< 10.0~~				
N-Nitrosodi-n-butylamine	2009-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
N-Nitrosodi-n-butylamine	2009-12	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
N-Nitrosodi-n-butylamine	2010-03	ug/L					~~< 10.0~~				~~< 10.0~~			~~< 10.0~~				
N-Nitrosodi-n-butylamine	2010-06	ug/L										~~< 10.0~~						
N-Nitrosodi-n-butylamine	2010-08	ug/L										~~< 10.0~~	~~< 10.0~~					
N-Nitrosodi-n-butylamine	2010-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~				
N-Nitrosodi-n-butylamine	2010-12	ug/L										~~< 10.0~~						
N-Nitrosodi-n-butylamine	2011-03	ug/L											~~< 10.0~~		~~< 10.0~~			
N-Nitrosodi-n-butylamine	2011-06	ug/L											~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
N-Nitrosodi-n-butylamine	2011-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
N-Nitrosodi-n-butylamine	2011-12	ug/L													~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
N-Nitrosodi-n-butylamine	2012-03	ug/L														~~< 10.0~~	~~< 10.0~~	
N-Nitrosodi-n-butylamine	2014-12	ug/L															~~< 10.2~~	
N-Nitrosodi-n-butylamine	2016-10	ug/L							<10	**2.83 J**	**1.69 J**					<11.2	<11.1	
N-Nitrosodi-n-butylamine	2017-10	ug/L						<10.5										
N-Nitrosodi-n-butylamine	2017-12	ug/L					<10.6					<10.4						<10.4
N-Nitrosodi-n-butylamine	2018-07	ug/L											<10.4					

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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
N-Nitrosodiethylamine	2011-09	ug/L																
N-Nitrosodiethylamine	2011-12	ug/L																
N-Nitrosodiethylamine	2012-03	ug/L																
N-Nitrosodiethylamine	2014-12	ug/L																
N-Nitrosodiethylamine	2016-10	ug/L									<10.4					<10.3	<10.2	
N-Nitrosodiethylamine	2017-10	ug/L																
N-Nitrosodiethylamine	2017-12	ug/L			<10.4													
N-Nitrosodiethylamine	2018-07	ug/L								<10.1								
N-Nitrosodiethylamine	2018-10	ug/L								<10.3								
N-Nitrosodiethylamine	2019-05	ug/L		<10.1														
N-Nitrosodiethylamine	2021-10	ug/L																
N-Nitrosodiethylamine	2021-12	ug/L	<10.5															
N-Nitrosodiethylamine	2022-10	ug/L			<8.77													
N-Nitrosodiethylamine	2024-04	ug/L		<10.2														
N-Nitrosodimethylamine	2009-03	ug/L																
N-Nitrosodimethylamine	2009-06	ug/L																
N-Nitrosodimethylamine	2009-09	ug/L																
N-Nitrosodimethylamine	2009-12	ug/L																
N-Nitrosodimethylamine	2010-03	ug/L																
N-Nitrosodimethylamine	2010-06	ug/L																
N-Nitrosodimethylamine	2010-08	ug/L																
N-Nitrosodimethylamine	2010-09	ug/L																
N-Nitrosodimethylamine	2010-12	ug/L																
N-Nitrosodimethylamine	2011-03	ug/L																
N-Nitrosodimethylamine	2011-06	ug/L																
N-Nitrosodimethylamine	2011-09	ug/L																
N-Nitrosodimethylamine	2011-12	ug/L																
N-Nitrosodimethylamine	2012-03	ug/L																
N-Nitrosodimethylamine	2014-12	ug/L																
N-Nitrosodimethylamine	2016-10	ug/L									<10.4					<10.3	<10.2	
N-Nitrosodimethylamine	2017-10	ug/L																
N-Nitrosodimethylamine	2017-12	ug/L			<10.4													
N-Nitrosodimethylamine	2018-07	ug/L								<10.1								
N-Nitrosodimethylamine	2018-10	ug/L								<10.3								
N-Nitrosodimethylamine	2019-05	ug/L		<10.1														
N-Nitrosodimethylamine	2021-10	ug/L																
N-Nitrosodimethylamine	2021-12	ug/L	<10.5															
N-Nitrosodimethylamine	2022-10	ug/L			<8.77													
N-Nitrosodimethylamine	2024-04	ug/L		<10.2														
N-Nitrosodi-n-butylamine	2009-03	ug/L																
N-Nitrosodi-n-butylamine	2009-06	ug/L																
N-Nitrosodi-n-butylamine	2009-09	ug/L																
N-Nitrosodi-n-butylamine	2009-12	ug/L																
N-Nitrosodi-n-butylamine	2010-03	ug/L																
N-Nitrosodi-n-butylamine	2010-06	ug/L																
N-Nitrosodi-n-butylamine	2010-08	ug/L																
N-Nitrosodi-n-butylamine	2010-09	ug/L																
N-Nitrosodi-n-butylamine	2010-12	ug/L																
N-Nitrosodi-n-butylamine	2011-03	ug/L																
N-Nitrosodi-n-butylamine	2011-06	ug/L																
N-Nitrosodi-n-butylamine	2011-09	ug/L																
N-Nitrosodi-n-butylamine	2011-12	ug/L																
N-Nitrosodi-n-butylamine	2012-03	ug/L																
N-Nitrosodi-n-butylamine	2014-12	ug/L																
N-Nitrosodi-n-butylamine	2016-10	ug/L									<10.4					<10.3	<10.2	
N-Nitrosodi-n-butylamine	2017-10	ug/L																
N-Nitrosodi-n-butylamine	2017-12	ug/L			<10.4													
N-Nitrosodi-n-butylamine	2018-07	ug/L								<10.1								

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N-Nitrosodi-n-butylamine	2018-10	ug/L											<10.4					
N-Nitrosodi-n-butylamine	2019-05	ug/L																
N-Nitrosodi-n-butylamine	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
N-Nitrosodi-n-butylamine	2021-12	ug/L																
N-Nitrosodi-n-butylamine	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
N-Nitrosodi-n-butylamine	2024-04	ug/L											<10.6					
N-Nitrosodi-n-propylamine	2009-03	ug/L						~~< 10~~	~~< 10~~	~~< 10~~								
N-Nitrosodi-n-propylamine	2009-06	ug/L					~~< 10.0~~	~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10~~			~~< 10.0~~				
N-Nitrosodi-n-propylamine	2009-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
N-Nitrosodi-n-propylamine	2009-12	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
N-Nitrosodi-n-propylamine	2010-03	ug/L					~~< 10.0~~				~~< 10.0~~			~~< 10.0~~				
N-Nitrosodi-n-propylamine	2010-06	ug/L										~~< 10.0~~						
N-Nitrosodi-n-propylamine	2010-08	ug/L										~~< 10.0~~	~~< 10.0~~					
N-Nitrosodi-n-propylamine	2010-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~				
N-Nitrosodi-n-propylamine	2010-12	ug/L										~~< 10.0~~						
N-Nitrosodi-n-propylamine	2011-03	ug/L											~~< 10.0~~		~~< 10.0~~			
N-Nitrosodi-n-propylamine	2011-06	ug/L											~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
N-Nitrosodi-n-propylamine	2011-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
N-Nitrosodi-n-propylamine	2011-12	ug/L													~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
N-Nitrosodi-n-propylamine	2012-03	ug/L														~~< 10.0~~	~~< 10.0~~	
N-Nitrosodi-n-propylamine	2014-12	ug/L															~~< 10.2~~	
N-Nitrosodi-n-propylamine	2016-10	ug/L							<10	<10	<10.9					<11.2	<11.1	
N-Nitrosodi-n-propylamine	2017-10	ug/L						<10.5										
N-Nitrosodi-n-propylamine	2017-12	ug/L					<10.6					<10.4						<10.4
N-Nitrosodi-n-propylamine	2018-07	ug/L											<10.4					
N-Nitrosodi-n-propylamine	2018-10	ug/L											<10.4					
N-Nitrosodi-n-propylamine	2019-05	ug/L																
N-Nitrosodi-n-propylamine	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
N-Nitrosodi-n-propylamine	2021-12	ug/L																
N-Nitrosodi-n-propylamine	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
N-Nitrosodi-n-propylamine	2024-04	ug/L											<10.6					
N-Nitrosodiphenylamine	2009-03	ug/L						~~< 10~~	~~< 10~~	~~< 10~~								
N-Nitrosodiphenylamine	2009-06	ug/L					~~< 10.0~~	~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10~~			~~< 10.0~~				
N-Nitrosodiphenylamine	2009-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
N-Nitrosodiphenylamine	2009-12	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
N-Nitrosodiphenylamine	2010-03	ug/L					~~< 10.0~~				~~< 10.0~~			~~< 10.0~~				
N-Nitrosodiphenylamine	2010-06	ug/L										~~< 10.0~~						
N-Nitrosodiphenylamine	2010-08	ug/L										~~< 10.0~~	~~< 10.0~~					
N-Nitrosodiphenylamine	2010-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~				
N-Nitrosodiphenylamine	2010-12	ug/L										~~< 10.0~~						
N-Nitrosodiphenylamine	2011-03	ug/L											~~< 10.0~~		~~< 10.0~~			
N-Nitrosodiphenylamine	2011-06	ug/L											~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
N-Nitrosodiphenylamine	2011-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
N-Nitrosodiphenylamine	2011-12	ug/L													~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
N-Nitrosodiphenylamine	2012-03	ug/L														~~< 10.0~~	~~< 10.0~~	
N-Nitrosodiphenylamine	2014-12	ug/L															~~< 10.2~~	
N-Nitrosodiphenylamine	2016-10	ug/L							<10	<10	<10.9					<11.2	<11.1	
N-Nitrosodiphenylamine	2017-10	ug/L						<10.5										
N-Nitrosodiphenylamine	2017-12	ug/L					<10.6					<10.4						<10.4
N-Nitrosodiphenylamine	2018-07	ug/L											<10.4					
N-Nitrosodiphenylamine	2018-10	ug/L											<10.4					
N-Nitrosodiphenylamine	2019-05	ug/L																
N-Nitrosodiphenylamine	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
N-Nitrosodiphenylamine	2021-12	ug/L																
N-Nitrosodiphenylamine	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
N-Nitrosodiphenylamine	2024-04	ug/L											<10.6					
N-Nitrosomethylethylamine	2009-03	ug/L						~~< 10~~	~~< 10~~	~~< 10~~								
N-Nitrosomethylethylamine	2009-06	ug/L					~~< 10.0~~	~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10~~			~~< 10.0~~				

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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
N-Nitrosodi-n-butylamine	2018-10	ug/L								<10.3								
N-Nitrosodi-n-butylamine	2019-05	ug/L		<10.1														
N-Nitrosodi-n-butylamine	2021-10	ug/L																
N-Nitrosodi-n-butylamine	2021-12	ug/L	<10.5															
N-Nitrosodi-n-butylamine	2022-10	ug/L			<8.77													
N-Nitrosodi-n-butylamine	2024-04	ug/L		<10.2														
N-Nitrosodi-n-propylamine	2009-03	ug/L																
N-Nitrosodi-n-propylamine	2009-06	ug/L																
N-Nitrosodi-n-propylamine	2009-09	ug/L																
N-Nitrosodi-n-propylamine	2009-12	ug/L																
N-Nitrosodi-n-propylamine	2010-03	ug/L																
N-Nitrosodi-n-propylamine	2010-06	ug/L																
N-Nitrosodi-n-propylamine	2010-08	ug/L																
N-Nitrosodi-n-propylamine	2010-09	ug/L																
N-Nitrosodi-n-propylamine	2010-12	ug/L																
N-Nitrosodi-n-propylamine	2011-03	ug/L																
N-Nitrosodi-n-propylamine	2011-06	ug/L																
N-Nitrosodi-n-propylamine	2011-09	ug/L																
N-Nitrosodi-n-propylamine	2011-12	ug/L																
N-Nitrosodi-n-propylamine	2012-03	ug/L																
N-Nitrosodi-n-propylamine	2014-12	ug/L																
N-Nitrosodi-n-propylamine	2016-10	ug/L									<10.4					<10.3	<10.2	
N-Nitrosodi-n-propylamine	2017-10	ug/L																
N-Nitrosodi-n-propylamine	2017-12	ug/L			<10.4													
N-Nitrosodi-n-propylamine	2018-07	ug/L								<10.1								
N-Nitrosodi-n-propylamine	2018-10	ug/L								<10.3								
N-Nitrosodi-n-propylamine	2019-05	ug/L		<10.1														
N-Nitrosodi-n-propylamine	2021-10	ug/L																
N-Nitrosodi-n-propylamine	2021-12	ug/L	<10.5															
N-Nitrosodi-n-propylamine	2022-10	ug/L			<8.77													
N-Nitrosodi-n-propylamine	2024-04	ug/L		<10.2														
N-Nitrosodiphenylamine	2009-03	ug/L																
N-Nitrosodiphenylamine	2009-06	ug/L																
N-Nitrosodiphenylamine	2009-09	ug/L																
N-Nitrosodiphenylamine	2009-12	ug/L																
N-Nitrosodiphenylamine	2010-03	ug/L																
N-Nitrosodiphenylamine	2010-06	ug/L																
N-Nitrosodiphenylamine	2010-08	ug/L																
N-Nitrosodiphenylamine	2010-09	ug/L																
N-Nitrosodiphenylamine	2010-12	ug/L																
N-Nitrosodiphenylamine	2011-03	ug/L																
N-Nitrosodiphenylamine	2011-06	ug/L																
N-Nitrosodiphenylamine	2011-09	ug/L																
N-Nitrosodiphenylamine	2011-12	ug/L																
N-Nitrosodiphenylamine	2012-03	ug/L																
N-Nitrosodiphenylamine	2014-12	ug/L																
N-Nitrosodiphenylamine	2016-10	ug/L									<10.4					<10.3	<10.2	
N-Nitrosodiphenylamine	2017-10	ug/L																
N-Nitrosodiphenylamine	2017-12	ug/L			<10.4													
N-Nitrosodiphenylamine	2018-07	ug/L								<10.1								
N-Nitrosodiphenylamine	2018-10	ug/L								<10.3								
N-Nitrosodiphenylamine	2019-05	ug/L		<10.1														
N-Nitrosodiphenylamine	2021-10	ug/L																
N-Nitrosodiphenylamine	2021-12	ug/L	<10.5															
N-Nitrosodiphenylamine	2022-10	ug/L			<8.77													
N-Nitrosodiphenylamine	2024-04	ug/L		<10.2														
N-Nitrosomethylethylamine	2009-03	ug/L																
N-Nitrosomethylethylamine	2009-06	ug/L																

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
N-Nitrosomethylethylamine	2009-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
N-Nitrosomethylethylamine	2009-12	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
N-Nitrosomethylethylamine	2010-03	ug/L					~~< 10.0~~				~~< 10.0~~			~~< 10.0~~				
N-Nitrosomethylethylamine	2010-06	ug/L										~~< 10.0~~						
N-Nitrosomethylethylamine	2010-08	ug/L										~~< 10.0~~	~~< 10.0~~					
N-Nitrosomethylethylamine	2010-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~				
N-Nitrosomethylethylamine	2010-12	ug/L										~~< 10.0~~						
N-Nitrosomethylethylamine	2011-03	ug/L											~~< 10.0~~		~~< 10.0~~			
N-Nitrosomethylethylamine	2011-06	ug/L											~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
N-Nitrosomethylethylamine	2011-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
N-Nitrosomethylethylamine	2011-12	ug/L													~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
N-Nitrosomethylethylamine	2012-03	ug/L														~~< 10.0~~	~~< 10.0~~	
N-Nitrosomethylethylamine	2014-12	ug/L															~~< 10.2~~	
N-Nitrosomethylethylamine	2016-10	ug/L							<10	<10	<10.9					<11.2	<11.1	
N-Nitrosomethylethylamine	2017-10	ug/L						<10.5										
N-Nitrosomethylethylamine	2017-12	ug/L					<10.6					<10.4						<10.4
N-Nitrosomethylethylamine	2018-07	ug/L											<10.4					
N-Nitrosomethylethylamine	2018-10	ug/L											<10.4					
N-Nitrosomethylethylamine	2019-05	ug/L																
N-Nitrosomethylethylamine	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
N-Nitrosomethylethylamine	2021-12	ug/L																
N-Nitrosomethylethylamine	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
N-Nitrosomethylethylamine	2024-04	ug/L											<10.6					
N-Nitrosopiperidine	2009-03	ug/L						~~< 10~~	~~< 10~~	~~< 10~~								
N-Nitrosopiperidine	2009-06	ug/L					~~< 10.0~~	~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10~~			~~< 10.0~~				
N-Nitrosopiperidine	2009-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
N-Nitrosopiperidine	2009-12	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
N-Nitrosopiperidine	2010-03	ug/L					~~< 10.0~~				~~< 10.0~~			~~< 10.0~~				
N-Nitrosopiperidine	2010-06	ug/L										~~< 10.0~~						
N-Nitrosopiperidine	2010-08	ug/L										~~< 10.0~~	~~< 10.0~~					
N-Nitrosopiperidine	2010-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~				
N-Nitrosopiperidine	2010-12	ug/L										~~< 10.0~~						
N-Nitrosopiperidine	2011-03	ug/L											~~< 10.0~~		~~< 10.0~~			
N-Nitrosopiperidine	2011-06	ug/L											~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
N-Nitrosopiperidine	2011-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
N-Nitrosopiperidine	2011-12	ug/L													~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
N-Nitrosopiperidine	2012-03	ug/L														~~< 10.0~~	~~< 10.0~~	
N-Nitrosopiperidine	2014-12	ug/L															~~< 10.2~~	
N-Nitrosopiperidine	2016-10	ug/L							<10	<10	<10.9					<11.2	<11.1	
N-Nitrosopiperidine	2017-10	ug/L						<10.5										
N-Nitrosopiperidine	2017-12	ug/L					<10.6					<10.4						<10.4
N-Nitrosopiperidine	2018-07	ug/L											<10.4					
N-Nitrosopiperidine	2018-10	ug/L											<10.4					
N-Nitrosopiperidine	2019-05	ug/L																
N-Nitrosopiperidine	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
N-Nitrosopiperidine	2021-12	ug/L																
N-Nitrosopiperidine	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
N-Nitrosopiperidine	2024-04	ug/L											<10.6					
N-Nitrosopyrrolidine	2009-03	ug/L						~~< 10~~	~~< 10~~	~~< 10~~								
N-Nitrosopyrrolidine	2009-06	ug/L					~~< 10.0~~	~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10~~			~~< 10.0~~				
N-Nitrosopyrrolidine	2009-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
N-Nitrosopyrrolidine	2009-12	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
N-Nitrosopyrrolidine	2010-03	ug/L					~~< 10.0~~				~~< 10.0~~			~~< 10.0~~				
N-Nitrosopyrrolidine	2010-06	ug/L										~~< 10.0~~						
N-Nitrosopyrrolidine	2010-08	ug/L										~~< 10.0~~	~~< 10.0~~					
N-Nitrosopyrrolidine	2010-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~				
N-Nitrosopyrrolidine	2010-12	ug/L										~~< 10.0~~						
N-Nitrosopyrrolidine	2011-03	ug/L											~~< 10.0~~		~~< 10.0~~			

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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
N-Nitrosomethylethylamine	2009-09	ug/L																
N-Nitrosomethylethylamine	2009-12	ug/L																
N-Nitrosomethylethylamine	2010-03	ug/L																
N-Nitrosomethylethylamine	2010-06	ug/L																
N-Nitrosomethylethylamine	2010-08	ug/L																
N-Nitrosomethylethylamine	2010-09	ug/L																
N-Nitrosomethylethylamine	2010-12	ug/L																
N-Nitrosomethylethylamine	2011-03	ug/L																
N-Nitrosomethylethylamine	2011-06	ug/L																
N-Nitrosomethylethylamine	2011-09	ug/L																
N-Nitrosomethylethylamine	2011-12	ug/L																
N-Nitrosomethylethylamine	2012-03	ug/L																
N-Nitrosomethylethylamine	2014-12	ug/L																
N-Nitrosomethylethylamine	2016-10	ug/L									<10.4					<10.3	<10.2	
N-Nitrosomethylethylamine	2017-10	ug/L																
N-Nitrosomethylethylamine	2017-12	ug/L			<10.4													
N-Nitrosomethylethylamine	2018-07	ug/L								<10.1								
N-Nitrosomethylethylamine	2018-10	ug/L								<10.3								
N-Nitrosomethylethylamine	2019-05	ug/L		<10.1														
N-Nitrosomethylethylamine	2021-10	ug/L																
N-Nitrosomethylethylamine	2021-12	ug/L	<10.5															
N-Nitrosomethylethylamine	2022-10	ug/L			<8.77													
N-Nitrosomethylethylamine	2024-04	ug/L		<10.2														
N-Nitrosopiperidine	2009-03	ug/L																
N-Nitrosopiperidine	2009-06	ug/L																
N-Nitrosopiperidine	2009-09	ug/L																
N-Nitrosopiperidine	2009-12	ug/L																
N-Nitrosopiperidine	2010-03	ug/L																
N-Nitrosopiperidine	2010-06	ug/L																
N-Nitrosopiperidine	2010-08	ug/L																
N-Nitrosopiperidine	2010-09	ug/L																
N-Nitrosopiperidine	2010-12	ug/L																
N-Nitrosopiperidine	2011-03	ug/L																
N-Nitrosopiperidine	2011-06	ug/L																
N-Nitrosopiperidine	2011-09	ug/L																
N-Nitrosopiperidine	2011-12	ug/L																
N-Nitrosopiperidine	2012-03	ug/L																
N-Nitrosopiperidine	2014-12	ug/L																
N-Nitrosopiperidine	2016-10	ug/L									<10.4					<10.3	<10.2	
N-Nitrosopiperidine	2017-10	ug/L																
N-Nitrosopiperidine	2017-12	ug/L			<10.4													
N-Nitrosopiperidine	2018-07	ug/L								<10.1								
N-Nitrosopiperidine	2018-10	ug/L								<10.3								
N-Nitrosopiperidine	2019-05	ug/L		<10.1														
N-Nitrosopiperidine	2021-10	ug/L																
N-Nitrosopiperidine	2021-12	ug/L	<10.5															
N-Nitrosopiperidine	2022-10	ug/L			<8.77													
N-Nitrosopiperidine	2024-04	ug/L		<10.2														
N-Nitrosopyrrolidine	2009-03	ug/L																
N-Nitrosopyrrolidine	2009-06	ug/L																
N-Nitrosopyrrolidine	2009-09	ug/L																
N-Nitrosopyrrolidine	2009-12	ug/L																
N-Nitrosopyrrolidine	2010-03	ug/L																
N-Nitrosopyrrolidine	2010-06	ug/L																
N-Nitrosopyrrolidine	2010-08	ug/L																
N-Nitrosopyrrolidine	2010-09	ug/L																
N-Nitrosopyrrolidine	2010-12	ug/L																
N-Nitrosopyrrolidine	2011-03	ug/L																

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
N-Nitrosopyrrolidine	2011-06	ug/L											~~<10.0~~		~~<10.0~~	~~<10.0~~	~~<10.0~~	
N-Nitrosopyrrolidine	2011-09	ug/L					~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~		~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	
N-Nitrosopyrrolidine	2011-12	ug/L													~~<10.0~~	~~<10.0~~	~~<10.0~~	
N-Nitrosopyrrolidine	2012-03	ug/L														~~<10.0~~	~~<10.0~~	
N-Nitrosopyrrolidine	2014-12	ug/L															~~<10.2~~	
N-Nitrosopyrrolidine	2016-10	ug/L							<10		<10.9					<11.2	<11.1	
N-Nitrosopyrrolidine	2017-10	ug/L						<10.5										
N-Nitrosopyrrolidine	2017-12	ug/L					<10.6					<10.4						<10.4
N-Nitrosopyrrolidine	2018-07	ug/L											<10.4					
N-Nitrosopyrrolidine	2018-10	ug/L											<10.4					
N-Nitrosopyrrolidine	2019-05	ug/L																
N-Nitrosopyrrolidine	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
N-Nitrosopyrrolidine	2021-12	ug/L																
N-Nitrosopyrrolidine	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
N-Nitrosopyrrolidine	2024-04	ug/L											<10.6					
o,o,o-Triethylphosphorothioate	2009-03	ug/L						~~<30~~	~~<30~~	~~<30~~								
o,o,o-Triethylphosphorothioate	2009-06	ug/L					~~<30.0~~	~~<30~~	~~<30~~	~~<30.0~~	~~<30~~			~~<30.0~~				
o,o,o-Triethylphosphorothioate	2009-09	ug/L					~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~			~~<10.0~~				
o,o,o-Triethylphosphorothioate	2009-12	ug/L					~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~			~~<10.0~~				
o,o,o-Triethylphosphorothioate	2010-03	ug/L					~~<10.0~~				~~<10.0~~			~~<10.0~~				
o,o,o-Triethylphosphorothioate	2010-06	ug/L										~~<10.0~~						
o,o,o-Triethylphosphorothioate	2010-08	ug/L										~~<10.0~~	~~<10.0~~					
o,o,o-Triethylphosphorothioate	2010-09	ug/L					~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~				
o,o,o-Triethylphosphorothioate	2010-12	ug/L										~~<10.0~~						
o,o,o-Triethylphosphorothioate	2011-03	ug/L											~~<10.0~~		~~<10.0~~			
o,o,o-Triethylphosphorothioate	2011-06	ug/L											~~<10.0~~		~~<10.0~~	~~<10.0~~	~~<10.0~~	
o,o,o-Triethylphosphorothioate	2011-09	ug/L					~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~		~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	
o,o,o-Triethylphosphorothioate	2011-12	ug/L													~~<10.0~~	~~<10.0~~	~~<10.0~~	
o,o,o-Triethylphosphorothioate	2012-03	ug/L														~~<10.0~~	~~<10.0~~	
o,o,o-Triethylphosphorothioate	2014-12	ug/L															~~<10.2~~	
o,o,o-Triethylphosphorothioate	2016-10	ug/L							<10	<10	<10.9					<11.2	<11.1	
o,o,o-Triethylphosphorothioate	2017-10	ug/L						<10.5										
o,o,o-Triethylphosphorothioate	2017-12	ug/L					<10.6					<10.4						<10.4
o,o,o-Triethylphosphorothioate	2018-07	ug/L											<10.4					
o,o,o-Triethylphosphorothioate	2018-10	ug/L											<10.4					
o,o,o-Triethylphosphorothioate	2019-05	ug/L																
o,o,o-Triethylphosphorothioate	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
o,o,o-Triethylphosphorothioate	2021-12	ug/L																
o,o,o-Triethylphosphorothioate	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
o,o,o-Triethylphosphorothioate	2024-04	ug/L											<10.6					
o-Toluidine	2009-03	ug/L						~~<10~~	~~<10~~	~~<10~~								
o-Toluidine	2009-06	ug/L					~~<10.0~~	~~<10~~	~~<10~~	~~<10.0~~	~~<10~~			~~<10.0~~				
o-Toluidine	2009-09	ug/L					~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~			~~<10.0~~				
o-Toluidine	2009-12	ug/L					~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~			~~<10.0~~				
o-Toluidine	2010-03	ug/L					~~<10.0~~				~~<10.0~~			~~<10.0~~				
o-Toluidine	2010-06	ug/L										~~<10.0~~						
o-Toluidine	2010-08	ug/L										~~<10.0~~	~~<10.0~~					
o-Toluidine	2010-09	ug/L					~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~				
o-Toluidine	2010-12	ug/L										~~<10.0~~						
o-Toluidine	2011-03	ug/L											~~<10.0~~		~~<10.0~~			
o-Toluidine	2011-06	ug/L											~~<10.0~~		~~<10.0~~	~~<10.0~~	~~<10.0~~	
o-Toluidine	2011-09	ug/L					~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~		~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	
o-Toluidine	2011-12	ug/L													~~<10.0~~	~~<10.0~~	~~<10.0~~	
o-Toluidine	2012-03	ug/L														~~<10.0~~	~~<10.0~~	
o-Toluidine	2014-12	ug/L															~~<10.2~~	
o-Toluidine	2016-10	ug/L							<10	<10	<10.9					<11.2	<11.1	
o-Toluidine	2017-10	ug/L						<10.5										
o-Toluidine	2017-12	ug/L					<10.6					<10.4						<10.4

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N-Nitrosopyrrolidine	2011-06	ug/L																
N-Nitrosopyrrolidine	2011-09	ug/L																
N-Nitrosopyrrolidine	2011-12	ug/L																
N-Nitrosopyrrolidine	2012-03	ug/L																
N-Nitrosopyrrolidine	2014-12	ug/L																
N-Nitrosopyrrolidine	2016-10	ug/L									<10.4					<10.3	<10.2	
N-Nitrosopyrrolidine	2017-10	ug/L																
N-Nitrosopyrrolidine	2017-12	ug/L			<10.4													
N-Nitrosopyrrolidine	2018-07	ug/L								<10.1								
N-Nitrosopyrrolidine	2018-10	ug/L								<10.3								
N-Nitrosopyrrolidine	2019-05	ug/L		<10.1														
N-Nitrosopyrrolidine	2021-10	ug/L																
N-Nitrosopyrrolidine	2021-12	ug/L	<10.5															
N-Nitrosopyrrolidine	2022-10	ug/L			<8.77													
N-Nitrosopyrrolidine	2024-04	ug/L		<10.2														
o,o,o-Triethylphosphorothioate	2009-03	ug/L																
o,o,o-Triethylphosphorothioate	2009-06	ug/L																
o,o,o-Triethylphosphorothioate	2009-09	ug/L																
o,o,o-Triethylphosphorothioate	2009-12	ug/L																
o,o,o-Triethylphosphorothioate	2010-03	ug/L																
o,o,o-Triethylphosphorothioate	2010-06	ug/L																
o,o,o-Triethylphosphorothioate	2010-08	ug/L																
o,o,o-Triethylphosphorothioate	2010-09	ug/L																
o,o,o-Triethylphosphorothioate	2010-12	ug/L																
o,o,o-Triethylphosphorothioate	2011-03	ug/L																
o,o,o-Triethylphosphorothioate	2011-06	ug/L																
o,o,o-Triethylphosphorothioate	2011-09	ug/L																
o,o,o-Triethylphosphorothioate	2011-12	ug/L																
o,o,o-Triethylphosphorothioate	2012-03	ug/L																
o,o,o-Triethylphosphorothioate	2014-12	ug/L																
o,o,o-Triethylphosphorothioate	2016-10	ug/L									<10.4					<10.3	<10.2	
o,o,o-Triethylphosphorothioate	2017-10	ug/L																
o,o,o-Triethylphosphorothioate	2017-12	ug/L			<10.4													
o,o,o-Triethylphosphorothioate	2018-07	ug/L								<10.1								
o,o,o-Triethylphosphorothioate	2018-10	ug/L								<10.3								
o,o,o-Triethylphosphorothioate	2019-05	ug/L		<10.1														
o,o,o-Triethylphosphorothioate	2021-10	ug/L																
o,o,o-Triethylphosphorothioate	2021-12	ug/L	<10.5															
o,o,o-Triethylphosphorothioate	2022-10	ug/L			<8.77													
o,o,o-Triethylphosphorothioate	2024-04	ug/L		<10.2														
o-Toluidine	2009-03	ug/L																
o-Toluidine	2009-06	ug/L																
o-Toluidine	2009-09	ug/L																
o-Toluidine	2009-12	ug/L																
o-Toluidine	2010-03	ug/L																
o-Toluidine	2010-06	ug/L																
o-Toluidine	2010-08	ug/L																
o-Toluidine	2010-09	ug/L																
o-Toluidine	2010-12	ug/L																
o-Toluidine	2011-03	ug/L																
o-Toluidine	2011-06	ug/L																
o-Toluidine	2011-09	ug/L																
o-Toluidine	2011-12	ug/L																
o-Toluidine	2012-03	ug/L																
o-Toluidine	2014-12	ug/L																
o-Toluidine	2016-10	ug/L									<10.4					<10.3	<10.2	
o-Toluidine	2017-10	ug/L																
o-Toluidine	2017-12	ug/L			<10.4													

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Table 20
Analytical Data Summary
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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
o-Toluidine	2018-07	ug/L											<10.4					
o-Toluidine	2018-10	ug/L											<10.4					
o-Toluidine	2019-05	ug/L																
o-Toluidine	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
o-Toluidine	2021-12	ug/L																
o-Toluidine	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
o-Toluidine	2024-04	ug/L											<10.6					
p-(Dimethylamino)azobenzene	2009-03	ug/L						~~< 10~~	~~< 10~~	~~< 10~~								
p-(Dimethylamino)azobenzene	2009-06	ug/L					~~< 10.0~~	~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10~~			~~< 10.0~~				
p-(Dimethylamino)azobenzene	2009-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
p-(Dimethylamino)azobenzene	2009-12	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
p-(Dimethylamino)azobenzene	2010-03	ug/L					~~< 10.0~~				~~< 10.0~~			~~< 10.0~~				
p-(Dimethylamino)azobenzene	2010-06	ug/L										~~< 10.0~~						
p-(Dimethylamino)azobenzene	2010-08	ug/L										~~< 10.0~~	~~< 10.0~~					
p-(Dimethylamino)azobenzene	2010-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~				
p-(Dimethylamino)azobenzene	2010-12	ug/L										~~< 10.0~~						
p-(Dimethylamino)azobenzene	2011-03	ug/L											~~< 10.0~~		~~< 10.0~~			
p-(Dimethylamino)azobenzene	2011-06	ug/L											~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
p-(Dimethylamino)azobenzene	2011-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
p-(Dimethylamino)azobenzene	2011-12	ug/L													~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
p-(Dimethylamino)azobenzene	2012-03	ug/L														~~< 10.0~~	~~< 10.0~~	
p-(Dimethylamino)azobenzene	2014-12	ug/L															~~< 10.2~~	
p-(Dimethylamino)azobenzene	2016-10	ug/L							<10	<10	<10.9					<11.2	<11.1	
p-(Dimethylamino)azobenzene	2017-10	ug/L						<10.5										
p-(Dimethylamino)azobenzene	2017-12	ug/L					<10.6					<10.4						<10.4
p-(Dimethylamino)azobenzene	2018-07	ug/L											<10.4					
p-(Dimethylamino)azobenzene	2018-10	ug/L											<10.4					
p-(Dimethylamino)azobenzene	2019-05	ug/L																
p-(Dimethylamino)azobenzene	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
p-(Dimethylamino)azobenzene	2021-12	ug/L																
p-(Dimethylamino)azobenzene	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
p-(Dimethylamino)azobenzene	2024-04	ug/L											<10.6					
Parathion	2009-03	ug/L						~~< 10~~	~~< 10~~	~~< 10~~								
Parathion	2009-06	ug/L					~~< 10.0~~	~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10~~			~~< 10.0~~				
Parathion	2009-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
Parathion	2009-12	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
Parathion	2010-03	ug/L					~~< 10.0~~				~~< 10.0~~			~~< 10.0~~				
Parathion	2010-06	ug/L										~~< 10.0~~						
Parathion	2010-08	ug/L										~~< 10.0~~	~~< 10.0~~					
Parathion	2010-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~				
Parathion	2010-12	ug/L										~~< 10.0~~						
Parathion	2011-03	ug/L											~~< 10.0~~		~~< 10.0~~			
Parathion	2011-06	ug/L											~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Parathion	2011-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Parathion	2011-12	ug/L													~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Parathion	2012-03	ug/L														~~< 10.0~~	~~< 10.0~~	
Parathion	2014-12	ug/L															~~< 10.2~~	
Parathion	2016-10	ug/L							<10	<10	<10.9					<11.2	<11.1	
Parathion	2017-10	ug/L						<10.5										
Parathion	2017-12	ug/L					<10.6					<10.4						<10.4
Parathion	2018-07	ug/L											<10.4					
Parathion	2018-10	ug/L											<10.4					
Parathion	2019-05	ug/L																
Parathion	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
Parathion	2021-12	ug/L																
Parathion	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
Parathion	2024-04	ug/L											<10.6					
PCBs - Aroclor 1016	2009-03	ug/L						~~< 0.8~~	~~< 0.8~~	~~< 0.8~~								

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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
o-Toluidine	2018-07	ug/L								<10.1								
o-Toluidine	2018-10	ug/L								<10.3								
o-Toluidine	2019-05	ug/L		<10.1														
o-Toluidine	2021-10	ug/L																
o-Toluidine	2021-12	ug/L	<10.5															
o-Toluidine	2022-10	ug/L			<8.77													
o-Toluidine	2024-04	ug/L		<10.2														
p-(Dimethylamino)azobenzene	2009-03	ug/L																
p-(Dimethylamino)azobenzene	2009-06	ug/L																
p-(Dimethylamino)azobenzene	2009-09	ug/L																
p-(Dimethylamino)azobenzene	2009-12	ug/L																
p-(Dimethylamino)azobenzene	2010-03	ug/L																
p-(Dimethylamino)azobenzene	2010-06	ug/L																
p-(Dimethylamino)azobenzene	2010-08	ug/L																
p-(Dimethylamino)azobenzene	2010-09	ug/L																
p-(Dimethylamino)azobenzene	2010-12	ug/L																
p-(Dimethylamino)azobenzene	2011-03	ug/L																
p-(Dimethylamino)azobenzene	2011-06	ug/L																
p-(Dimethylamino)azobenzene	2011-09	ug/L																
p-(Dimethylamino)azobenzene	2011-12	ug/L																
p-(Dimethylamino)azobenzene	2012-03	ug/L																
p-(Dimethylamino)azobenzene	2014-12	ug/L																
p-(Dimethylamino)azobenzene	2016-10	ug/L									<10.4					<10.3	<10.2	
p-(Dimethylamino)azobenzene	2017-10	ug/L																
p-(Dimethylamino)azobenzene	2017-12	ug/L			<10.4													
p-(Dimethylamino)azobenzene	2018-07	ug/L								<10.1								
p-(Dimethylamino)azobenzene	2018-10	ug/L								<10.3								
p-(Dimethylamino)azobenzene	2019-05	ug/L		<10.1														
p-(Dimethylamino)azobenzene	2021-10	ug/L																
p-(Dimethylamino)azobenzene	2021-12	ug/L	<10.5															
p-(Dimethylamino)azobenzene	2022-10	ug/L			<8.77													
p-(Dimethylamino)azobenzene	2024-04	ug/L		<10.2														
Parathion	2009-03	ug/L																
Parathion	2009-06	ug/L																
Parathion	2009-09	ug/L																
Parathion	2009-12	ug/L																
Parathion	2010-03	ug/L																
Parathion	2010-06	ug/L																
Parathion	2010-08	ug/L																
Parathion	2010-09	ug/L																
Parathion	2010-12	ug/L																
Parathion	2011-03	ug/L																
Parathion	2011-06	ug/L																
Parathion	2011-09	ug/L																
Parathion	2011-12	ug/L																
Parathion	2012-03	ug/L																
Parathion	2014-12	ug/L																
Parathion	2016-10	ug/L									<10.4					<10.3	<10.2	
Parathion	2017-10	ug/L																
Parathion	2017-12	ug/L			<10.4													
Parathion	2018-07	ug/L								<10.1								
Parathion	2018-10	ug/L								<10.3								
Parathion	2019-05	ug/L		<10.1														
Parathion	2021-10	ug/L																
Parathion	2021-12	ug/L	<10.5															
Parathion	2022-10	ug/L			<8.77													
Parathion	2024-04	ug/L		<10.2														
PCBs - Aroclor 1016	2009-03	ug/L																

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Table 20
Analytical Data Summary
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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
PCBs - Aroclor 1016	2009-06	ug/L					~~< 0.800~~	~~< 0.8~~	~~< 0.8~~	~~< 0.800~~	~~< 0.8~~			~~< 0.800~~				
PCBs - Aroclor 1016	2009-09	ug/L					~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	~~< 0.800~~			~~< 0.800~~				
PCBs - Aroclor 1016	2009-12	ug/L					~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	~~< 0.800~~			~~< 0.800~~				
PCBs - Aroclor 1016	2010-03	ug/L					~~< 0.800~~				~~< 0.800~~			~~< 0.800~~				
PCBs - Aroclor 1016	2010-06	ug/L										~~< 0.800~~						
PCBs - Aroclor 1016	2010-08	ug/L										~~< 0.800~~	~~< 0.800~~					
PCBs - Aroclor 1016	2010-09	ug/L					~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	~~< 0.800~~				
PCBs - Aroclor 1016	2010-12	ug/L										~~< 0.800~~						
PCBs - Aroclor 1016	2011-03	ug/L											~~< 0.800~~		~~< 0.800~~			
PCBs - Aroclor 1016	2011-06	ug/L											~~< 0.800~~		~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	
PCBs - Aroclor 1016	2011-09	ug/L					~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	~~< 0.800~~		~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	
PCBs - Aroclor 1016	2011-12	ug/L													~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	
PCBs - Aroclor 1016	2012-03	ug/L														~~< 0.800~~	~~< 0.800~~	
PCBs - Aroclor 1016	2014-12	ug/L															~~< 0.816~~	
PCBs - Aroclor 1016	2016-10	ug/L							<0.86	<0.86	<0.86					<0.87	<0.808	
PCBs - Aroclor 1016	2017-10	ug/L						<0.808										
PCBs - Aroclor 1016	2017-12	ug/L					<0.87					<0.842						<0.842
PCBs - Aroclor 1016	2018-07	ug/L											<0.808					
PCBs - Aroclor 1016	2018-10	ug/L											<0.8					
PCBs - Aroclor 1016	2019-05	ug/L																
PCBs - Aroclor 1016	2021-10	ug/L							<0.842	<0.842	<0.842					<0.842	<0.842	
PCBs - Aroclor 1016	2021-12	ug/L																
PCBs - Aroclor 1016	2022-10	ug/L					<0.678	<0.702				<0.678						<0.727
PCBs - Aroclor 1016	2024-04	ug/L											<0.8					
PCBs - Aroclor 1221	2009-03	ug/L						~~< 0.8~~	~~< 0.8~~	~~< 0.8~~								
PCBs - Aroclor 1221	2009-06	ug/L					~~< 0.800~~	~~< 0.8~~	~~< 0.8~~	~~< 0.800~~	~~< 0.8~~			~~< 0.800~~				
PCBs - Aroclor 1221	2009-09	ug/L					~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	~~< 0.800~~			~~< 0.800~~				
PCBs - Aroclor 1221	2009-12	ug/L					~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	~~< 0.800~~			~~< 0.800~~				
PCBs - Aroclor 1221	2010-03	ug/L					~~< 0.800~~				~~< 0.800~~			~~< 0.800~~				
PCBs - Aroclor 1221	2010-06	ug/L										~~< 0.800~~						
PCBs - Aroclor 1221	2010-08	ug/L										~~< 0.800~~	~~< 0.800~~					
PCBs - Aroclor 1221	2010-09	ug/L					~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	~~< 0.800~~				
PCBs - Aroclor 1221	2010-12	ug/L										~~< 0.800~~						
PCBs - Aroclor 1221	2011-03	ug/L											~~< 0.800~~		~~< 0.800~~			
PCBs - Aroclor 1221	2011-06	ug/L											~~< 0.800~~		~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	
PCBs - Aroclor 1221	2011-09	ug/L					~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	~~< 0.800~~		~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	
PCBs - Aroclor 1221	2011-12	ug/L													~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	
PCBs - Aroclor 1221	2012-03	ug/L														~~< 0.800~~	~~< 0.800~~	
PCBs - Aroclor 1221	2014-12	ug/L															~~< 0.816~~	
PCBs - Aroclor 1221	2016-10	ug/L							<0.86	<0.86	<0.86					<0.87	<0.808	
PCBs - Aroclor 1221	2017-10	ug/L						<0.808										
PCBs - Aroclor 1221	2017-12	ug/L					<0.87					<0.842						<0.842
PCBs - Aroclor 1221	2018-07	ug/L											<0.808					
PCBs - Aroclor 1221	2018-10	ug/L											<0.8					
PCBs - Aroclor 1221	2019-05	ug/L																
PCBs - Aroclor 1221	2021-10	ug/L							<0.842	<0.842	<0.842					<0.842	<0.842	
PCBs - Aroclor 1221	2021-12	ug/L																
PCBs - Aroclor 1221	2022-10	ug/L					<0.678	<0.702				<0.678						<0.727
PCBs - Aroclor 1221	2024-04	ug/L											<0.8					
PCBs - Aroclor 1232	2009-03	ug/L						~~< 0.8~~	~~< 0.8~~	~~< 0.8~~								
PCBs - Aroclor 1232	2009-06	ug/L					~~< 0.800~~	~~< 0.8~~	~~< 0.8~~	~~< 0.800~~	~~< 0.8~~			~~< 0.800~~				
PCBs - Aroclor 1232	2009-09	ug/L					~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	~~< 0.800~~			~~< 0.800~~				
PCBs - Aroclor 1232	2009-12	ug/L					~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	~~< 0.800~~			~~< 0.800~~				
PCBs - Aroclor 1232	2010-03	ug/L					~~< 0.800~~				~~< 0.800~~			~~< 0.800~~				
PCBs - Aroclor 1232	2010-06	ug/L										~~< 0.800~~						
PCBs - Aroclor 1232	2010-08	ug/L										~~< 0.800~~	~~< 0.800~~					
PCBs - Aroclor 1232	2010-09	ug/L					~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	~~< 0.800~~				
PCBs - Aroclor 1232	2010-12	ug/L										~~< 0.800~~						

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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
PCBs - Aroclor 1016	2009-06	ug/L																
PCBs - Aroclor 1016	2009-09	ug/L																
PCBs - Aroclor 1016	2009-12	ug/L																
PCBs - Aroclor 1016	2010-03	ug/L																
PCBs - Aroclor 1016	2010-06	ug/L																
PCBs - Aroclor 1016	2010-08	ug/L																
PCBs - Aroclor 1016	2010-09	ug/L																
PCBs - Aroclor 1016	2010-12	ug/L																
PCBs - Aroclor 1016	2011-03	ug/L																
PCBs - Aroclor 1016	2011-06	ug/L																
PCBs - Aroclor 1016	2011-09	ug/L																
PCBs - Aroclor 1016	2011-12	ug/L																
PCBs - Aroclor 1016	2012-03	ug/L																
PCBs - Aroclor 1016	2014-12	ug/L																
PCBs - Aroclor 1016	2016-10	ug/L									<0.808					<1.67	<0.842	
PCBs - Aroclor 1016	2017-10	ug/L																
PCBs - Aroclor 1016	2017-12	ug/L			<0.842													
PCBs - Aroclor 1016	2018-07	ug/L								<0.808								
PCBs - Aroclor 1016	2018-10	ug/L								<0.833								
PCBs - Aroclor 1016	2019-05	ug/L		<0.808														
PCBs - Aroclor 1016	2021-10	ug/L																
PCBs - Aroclor 1016	2021-12	ug/L	<0.842															
PCBs - Aroclor 1016	2022-10	ug/L			<0.678													
PCBs - Aroclor 1016	2024-04	ug/L		<0.8														
PCBs - Aroclor 1221	2009-03	ug/L																
PCBs - Aroclor 1221	2009-06	ug/L																
PCBs - Aroclor 1221	2009-09	ug/L																
PCBs - Aroclor 1221	2009-12	ug/L																
PCBs - Aroclor 1221	2010-03	ug/L																
PCBs - Aroclor 1221	2010-06	ug/L																
PCBs - Aroclor 1221	2010-08	ug/L																
PCBs - Aroclor 1221	2010-09	ug/L																
PCBs - Aroclor 1221	2010-12	ug/L																
PCBs - Aroclor 1221	2011-03	ug/L																
PCBs - Aroclor 1221	2011-06	ug/L																
PCBs - Aroclor 1221	2011-09	ug/L																
PCBs - Aroclor 1221	2011-12	ug/L																
PCBs - Aroclor 1221	2012-03	ug/L																
PCBs - Aroclor 1221	2014-12	ug/L																
PCBs - Aroclor 1221	2016-10	ug/L									<0.808					<1.67	<0.842	
PCBs - Aroclor 1221	2017-10	ug/L																
PCBs - Aroclor 1221	2017-12	ug/L			<0.842													
PCBs - Aroclor 1221	2018-07	ug/L								<0.808								
PCBs - Aroclor 1221	2018-10	ug/L								<0.833								
PCBs - Aroclor 1221	2019-05	ug/L		<0.808														
PCBs - Aroclor 1221	2021-10	ug/L																
PCBs - Aroclor 1221	2021-12	ug/L	<0.842															
PCBs - Aroclor 1221	2022-10	ug/L			<0.678													
PCBs - Aroclor 1221	2024-04	ug/L		<0.8														
PCBs - Aroclor 1232	2009-03	ug/L																
PCBs - Aroclor 1232	2009-06	ug/L																
PCBs - Aroclor 1232	2009-09	ug/L																
PCBs - Aroclor 1232	2009-12	ug/L																
PCBs - Aroclor 1232	2010-03	ug/L																
PCBs - Aroclor 1232	2010-06	ug/L																
PCBs - Aroclor 1232	2010-08	ug/L																
PCBs - Aroclor 1232	2010-09	ug/L																
PCBs - Aroclor 1232	2010-12	ug/L																

Cedar Rapids Linn County Solid Waste Agency Site 2
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Table 20
Analytical Data Summary
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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
PCBs - Aroclor 1232	2011-03	ug/L											~~< 0.800~~		~~< 0.800~~			
PCBs - Aroclor 1232	2011-06	ug/L											~~< 0.800~~		~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	
PCBs - Aroclor 1232	2011-09	ug/L					~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	~~< 0.800~~		~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	
PCBs - Aroclor 1232	2011-12	ug/L													~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	
PCBs - Aroclor 1232	2012-03	ug/L														~~< 0.800~~	~~< 0.800~~	
PCBs - Aroclor 1232	2014-12	ug/L															~~< 0.816~~	
PCBs - Aroclor 1232	2016-10	ug/L							<0.86	<0.86	<0.86					<0.87	<0.808	
PCBs - Aroclor 1232	2017-10	ug/L						<0.808										
PCBs - Aroclor 1232	2017-12	ug/L					<0.87					<0.842						<0.842
PCBs - Aroclor 1232	2018-07	ug/L											<0.808					
PCBs - Aroclor 1232	2018-10	ug/L											<0.8					
PCBs - Aroclor 1232	2019-05	ug/L																
PCBs - Aroclor 1232	2021-10	ug/L							<0.842	<0.842	<0.842					<0.842	<0.842	
PCBs - Aroclor 1232	2021-12	ug/L																
PCBs - Aroclor 1232	2022-10	ug/L					<0.678	<0.702				<0.678						<0.727
PCBs - Aroclor 1232	2024-04	ug/L											<0.8					
PCBs - Aroclor 1242	2009-03	ug/L						~~< 0.8~~	~~< 0.8~~	~~< 0.8~~								
PCBs - Aroclor 1242	2009-06	ug/L					~~< 0.800~~	~~< 0.8~~	~~< 0.8~~	~~< 0.800~~	~~< 0.8~~			~~< 0.800~~				
PCBs - Aroclor 1242	2009-09	ug/L					~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	~~< 0.800~~			~~< 0.800~~				
PCBs - Aroclor 1242	2009-12	ug/L					~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	~~< 0.800~~			~~< 0.800~~				
PCBs - Aroclor 1242	2010-03	ug/L					~~< 0.800~~				~~< 0.800~~			~~< 0.800~~				
PCBs - Aroclor 1242	2010-06	ug/L										~~< 0.800~~						
PCBs - Aroclor 1242	2010-08	ug/L										~~< 0.800~~	~~< 0.800~~					
PCBs - Aroclor 1242	2010-09	ug/L					~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	~~< 0.800~~				
PCBs - Aroclor 1242	2010-12	ug/L										~~< 0.800~~						
PCBs - Aroclor 1242	2011-03	ug/L											~~< 0.800~~		~~< 0.800~~			
PCBs - Aroclor 1242	2011-06	ug/L											~~< 0.800~~		~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	
PCBs - Aroclor 1242	2011-09	ug/L					~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	~~< 0.800~~		~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	
PCBs - Aroclor 1242	2011-12	ug/L													~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	
PCBs - Aroclor 1242	2012-03	ug/L														~~< 0.800~~	~~< 0.800~~	
PCBs - Aroclor 1242	2014-12	ug/L															~~< 0.816~~	
PCBs - Aroclor 1242	2016-10	ug/L							<0.86	<0.86	<0.86					<0.87	<0.808	
PCBs - Aroclor 1242	2017-10	ug/L						<0.808										
PCBs - Aroclor 1242	2017-12	ug/L					<0.87					<0.842						<0.842
PCBs - Aroclor 1242	2018-07	ug/L											<0.808					
PCBs - Aroclor 1242	2018-10	ug/L											<0.8					
PCBs - Aroclor 1242	2019-05	ug/L																
PCBs - Aroclor 1242	2021-10	ug/L							<0.842	<0.842	<0.842					<0.842	<0.842	
PCBs - Aroclor 1242	2021-12	ug/L																
PCBs - Aroclor 1242	2022-10	ug/L					<0.678	<0.702				<0.678						<0.727
PCBs - Aroclor 1242	2024-04	ug/L											<0.8					
PCBs - Aroclor 1248	2009-03	ug/L						~~< 0.8~~	~~< 0.8~~	~~< 0.8~~								
PCBs - Aroclor 1248	2009-06	ug/L					~~< 0.800~~	~~< 0.8~~	~~< 0.8~~	~~< 0.800~~	~~< 0.8~~			~~< 0.800~~				
PCBs - Aroclor 1248	2009-09	ug/L					~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	~~< 0.800~~			~~< 0.800~~				
PCBs - Aroclor 1248	2009-12	ug/L					~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	~~< 0.800~~			~~< 0.800~~				
PCBs - Aroclor 1248	2010-03	ug/L					~~< 0.800~~				~~< 0.800~~			~~< 0.800~~				
PCBs - Aroclor 1248	2010-06	ug/L										~~< 0.800~~						
PCBs - Aroclor 1248	2010-08	ug/L										~~< 0.800~~	~~< 0.800~~					
PCBs - Aroclor 1248	2010-09	ug/L					~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	~~< 0.800~~				
PCBs - Aroclor 1248	2010-12	ug/L										~~< 0.800~~						
PCBs - Aroclor 1248	2011-03	ug/L											~~< 0.800~~		~~< 0.800~~			
PCBs - Aroclor 1248	2011-06	ug/L											~~< 0.800~~		~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	
PCBs - Aroclor 1248	2011-09	ug/L					~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	~~< 0.800~~		~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	
PCBs - Aroclor 1248	2011-12	ug/L													~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	
PCBs - Aroclor 1248	2012-03	ug/L														~~< 0.800~~	~~< 0.800~~	
PCBs - Aroclor 1248	2014-12	ug/L															~~< 0.816~~	
PCBs - Aroclor 1248	2016-10	ug/L							<0.86	<0.86	<0.86					<0.87	<0.808	
PCBs - Aroclor 1248	2017-10	ug/L						<0.808										

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Table 20
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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
PCBs - Aroclor 1232	2011-03	ug/L																
PCBs - Aroclor 1232	2011-06	ug/L																
PCBs - Aroclor 1232	2011-09	ug/L																
PCBs - Aroclor 1232	2011-12	ug/L																
PCBs - Aroclor 1232	2012-03	ug/L																
PCBs - Aroclor 1232	2014-12	ug/L																
PCBs - Aroclor 1232	2016-10	ug/L									<0.808					<1.67	<0.842	
PCBs - Aroclor 1232	2017-10	ug/L																
PCBs - Aroclor 1232	2017-12	ug/L			<0.842													
PCBs - Aroclor 1232	2018-07	ug/L								<0.808								
PCBs - Aroclor 1232	2018-10	ug/L								<0.833								
PCBs - Aroclor 1232	2019-05	ug/L		<0.808														
PCBs - Aroclor 1232	2021-10	ug/L																
PCBs - Aroclor 1232	2021-12	ug/L	<0.842															
PCBs - Aroclor 1232	2022-10	ug/L			<0.678													
PCBs - Aroclor 1232	2024-04	ug/L		<0.8														
PCBs - Aroclor 1242	2009-03	ug/L																
PCBs - Aroclor 1242	2009-06	ug/L																
PCBs - Aroclor 1242	2009-09	ug/L																
PCBs - Aroclor 1242	2009-12	ug/L																
PCBs - Aroclor 1242	2010-03	ug/L																
PCBs - Aroclor 1242	2010-06	ug/L																
PCBs - Aroclor 1242	2010-08	ug/L																
PCBs - Aroclor 1242	2010-09	ug/L																
PCBs - Aroclor 1242	2010-12	ug/L																
PCBs - Aroclor 1242	2011-03	ug/L																
PCBs - Aroclor 1242	2011-06	ug/L																
PCBs - Aroclor 1242	2011-09	ug/L																
PCBs - Aroclor 1242	2011-12	ug/L																
PCBs - Aroclor 1242	2012-03	ug/L																
PCBs - Aroclor 1242	2014-12	ug/L																
PCBs - Aroclor 1242	2016-10	ug/L									<0.808					<1.67	<0.842	
PCBs - Aroclor 1242	2017-10	ug/L																
PCBs - Aroclor 1242	2017-12	ug/L			<0.842													
PCBs - Aroclor 1242	2018-07	ug/L								<0.808								
PCBs - Aroclor 1242	2018-10	ug/L								<0.833								
PCBs - Aroclor 1242	2019-05	ug/L		<0.808														
PCBs - Aroclor 1242	2021-10	ug/L																
PCBs - Aroclor 1242	2021-12	ug/L	<0.842															
PCBs - Aroclor 1242	2022-10	ug/L			<0.678													
PCBs - Aroclor 1242	2024-04	ug/L		<0.8														
PCBs - Aroclor 1248	2009-03	ug/L																
PCBs - Aroclor 1248	2009-06	ug/L																
PCBs - Aroclor 1248	2009-09	ug/L																
PCBs - Aroclor 1248	2009-12	ug/L																
PCBs - Aroclor 1248	2010-03	ug/L																
PCBs - Aroclor 1248	2010-06	ug/L																
PCBs - Aroclor 1248	2010-08	ug/L																
PCBs - Aroclor 1248	2010-09	ug/L																
PCBs - Aroclor 1248	2010-12	ug/L																
PCBs - Aroclor 1248	2011-03	ug/L																
PCBs - Aroclor 1248	2011-06	ug/L																
PCBs - Aroclor 1248	2011-09	ug/L																
PCBs - Aroclor 1248	2011-12	ug/L																
PCBs - Aroclor 1248	2012-03	ug/L																
PCBs - Aroclor 1248	2014-12	ug/L																
PCBs - Aroclor 1248	2016-10	ug/L									<0.808					<1.67	<0.842	
PCBs - Aroclor 1248	2017-10	ug/L																

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Table 20
Analytical Data Summary
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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
PCBs - Aroclor 1248	2017-12	ug/L					<0.87					<0.842						<0.842
PCBs - Aroclor 1248	2018-07	ug/L											<0.808					
PCBs - Aroclor 1248	2018-10	ug/L											<0.8					
PCBs - Aroclor 1248	2019-05	ug/L																
PCBs - Aroclor 1248	2021-10	ug/L							<0.842	<0.842	<0.842					<0.842	<0.842	
PCBs - Aroclor 1248	2021-12	ug/L																
PCBs - Aroclor 1248	2022-10	ug/L					<0.678	<0.702				<0.678						<0.727
PCBs - Aroclor 1248	2024-04	ug/L											<0.8					
PCBs - Aroclor 1254	2009-03	ug/L						~~< 0.8~~	~~< 0.8~~	~~< 0.8~~								
PCBs - Aroclor 1254	2009-06	ug/L					~~< 0.800~~	~~< 0.8~~	~~< 0.8~~	~~< 0.800~~	~~< 0.8~~			~~< 0.800~~				
PCBs - Aroclor 1254	2009-09	ug/L					~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	~~< 0.800~~			~~< 0.800~~				
PCBs - Aroclor 1254	2009-12	ug/L					~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	~~< 0.800~~			~~< 0.800~~				
PCBs - Aroclor 1254	2010-03	ug/L					~~< 0.800~~				~~< 0.800~~			~~< 0.800~~				
PCBs - Aroclor 1254	2010-06	ug/L										~~< 0.800~~						
PCBs - Aroclor 1254	2010-08	ug/L										~~< 0.800~~	~~< 0.800~~					
PCBs - Aroclor 1254	2010-09	ug/L					~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	~~< 0.800~~				
PCBs - Aroclor 1254	2010-12	ug/L										~~< 0.800~~						
PCBs - Aroclor 1254	2011-03	ug/L											~~< 0.800~~		~~< 0.800~~			
PCBs - Aroclor 1254	2011-06	ug/L											~~< 0.800~~		~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	
PCBs - Aroclor 1254	2011-09	ug/L					~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	~~< 0.800~~		~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	
PCBs - Aroclor 1254	2011-12	ug/L													~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	
PCBs - Aroclor 1254	2012-03	ug/L														~~< 0.800~~	~~< 0.800~~	
PCBs - Aroclor 1254	2014-12	ug/L															~~< 0.816~~	
PCBs - Aroclor 1254	2016-10	ug/L							<0.86	<0.86	<0.86					<0.87	<0.808	
PCBs - Aroclor 1254	2017-10	ug/L						<0.808										
PCBs - Aroclor 1254	2017-12	ug/L					<0.87					<0.842						<0.842
PCBs - Aroclor 1254	2018-07	ug/L											<0.808					
PCBs - Aroclor 1254	2018-10	ug/L											<0.8					
PCBs - Aroclor 1254	2019-05	ug/L																
PCBs - Aroclor 1254	2021-10	ug/L							<0.842	<0.842	<0.842					<0.842	<0.842	
PCBs - Aroclor 1254	2021-12	ug/L																
PCBs - Aroclor 1254	2022-10	ug/L					<0.678	<0.702				<0.678						<0.727
PCBs - Aroclor 1254	2024-04	ug/L											<0.8					
PCBs - Aroclor 1260	2009-03	ug/L						~~< 0.8~~	~~< 0.8~~	~~< 0.8~~								
PCBs - Aroclor 1260	2009-06	ug/L					~~< 0.800~~	~~< 0.8~~	~~< 0.8~~	~~< 0.800~~	~~< 0.8~~			~~< 0.800~~				
PCBs - Aroclor 1260	2009-09	ug/L					~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	~~< 0.800~~			~~< 0.800~~				
PCBs - Aroclor 1260	2009-12	ug/L					~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	~~< 0.800~~			~~< 0.800~~				
PCBs - Aroclor 1260	2010-03	ug/L					~~< 0.800~~				~~< 0.800~~			~~< 0.800~~				
PCBs - Aroclor 1260	2010-06	ug/L										~~< 0.800~~						
PCBs - Aroclor 1260	2010-08	ug/L										~~< 0.800~~	~~< 0.800~~					
PCBs - Aroclor 1260	2010-09	ug/L					~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	~~< 0.800~~				
PCBs - Aroclor 1260	2010-12	ug/L										~~< 0.800~~						
PCBs - Aroclor 1260	2011-03	ug/L											~~< 0.800~~		~~< 0.800~~			
PCBs - Aroclor 1260	2011-06	ug/L											~~< 0.800~~		~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	
PCBs - Aroclor 1260	2011-09	ug/L					~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	~~< 0.800~~		~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	
PCBs - Aroclor 1260	2011-12	ug/L													~~< 0.800~~	~~< 0.800~~	~~< 0.800~~	
PCBs - Aroclor 1260	2012-03	ug/L														~~< 0.800~~	~~< 0.800~~	
PCBs - Aroclor 1260	2014-12	ug/L															~~< 0.816~~	
PCBs - Aroclor 1260	2016-10	ug/L							<0.86	<0.86	<0.86					<0.87	<0.808	
PCBs - Aroclor 1260	2017-10	ug/L						<0.808										
PCBs - Aroclor 1260	2017-12	ug/L					<0.87					<0.842						<0.842
PCBs - Aroclor 1260	2018-07	ug/L											<0.808					
PCBs - Aroclor 1260	2018-10	ug/L											<0.8					
PCBs - Aroclor 1260	2019-05	ug/L																
PCBs - Aroclor 1260	2021-10	ug/L							<0.842	<0.842	<0.842					<0.842	<0.842	
PCBs - Aroclor 1260	2021-12	ug/L																
PCBs - Aroclor 1260	2022-10	ug/L					<0.678	<0.702				<0.678						<0.727
PCBs - Aroclor 1260	2024-04	ug/L											<0.8					

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Table 20
Analytical Data Summary
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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
PCBs - Aroclor 1248	2017-12	ug/L			<0.842													
PCBs - Aroclor 1248	2018-07	ug/L								<0.808								
PCBs - Aroclor 1248	2018-10	ug/L								<0.833								
PCBs - Aroclor 1248	2019-05	ug/L		<0.808														
PCBs - Aroclor 1248	2021-10	ug/L																
PCBs - Aroclor 1248	2021-12	ug/L	<0.842															
PCBs - Aroclor 1248	2022-10	ug/L			<0.678													
PCBs - Aroclor 1248	2024-04	ug/L		<0.8														
PCBs - Aroclor 1254	2009-03	ug/L																
PCBs - Aroclor 1254	2009-06	ug/L																
PCBs - Aroclor 1254	2009-09	ug/L																
PCBs - Aroclor 1254	2009-12	ug/L																
PCBs - Aroclor 1254	2010-03	ug/L																
PCBs - Aroclor 1254	2010-06	ug/L																
PCBs - Aroclor 1254	2010-08	ug/L																
PCBs - Aroclor 1254	2010-09	ug/L																
PCBs - Aroclor 1254	2010-12	ug/L																
PCBs - Aroclor 1254	2011-03	ug/L																
PCBs - Aroclor 1254	2011-06	ug/L																
PCBs - Aroclor 1254	2011-09	ug/L																
PCBs - Aroclor 1254	2011-12	ug/L																
PCBs - Aroclor 1254	2012-03	ug/L																
PCBs - Aroclor 1254	2014-12	ug/L																
PCBs - Aroclor 1254	2016-10	ug/L									<0.808					<1.67	<0.842	
PCBs - Aroclor 1254	2017-10	ug/L																
PCBs - Aroclor 1254	2017-12	ug/L			<0.842													
PCBs - Aroclor 1254	2018-07	ug/L								<0.808								
PCBs - Aroclor 1254	2018-10	ug/L								<0.833								
PCBs - Aroclor 1254	2019-05	ug/L		<0.808														
PCBs - Aroclor 1254	2021-10	ug/L																
PCBs - Aroclor 1254	2021-12	ug/L	<0.842															
PCBs - Aroclor 1254	2022-10	ug/L			<0.678													
PCBs - Aroclor 1254	2024-04	ug/L		<0.8														
PCBs - Aroclor 1260	2009-03	ug/L																
PCBs - Aroclor 1260	2009-06	ug/L																
PCBs - Aroclor 1260	2009-09	ug/L																
PCBs - Aroclor 1260	2009-12	ug/L																
PCBs - Aroclor 1260	2010-03	ug/L																
PCBs - Aroclor 1260	2010-06	ug/L																
PCBs - Aroclor 1260	2010-08	ug/L																
PCBs - Aroclor 1260	2010-09	ug/L																
PCBs - Aroclor 1260	2010-12	ug/L																
PCBs - Aroclor 1260	2011-03	ug/L																
PCBs - Aroclor 1260	2011-06	ug/L																
PCBs - Aroclor 1260	2011-09	ug/L																
PCBs - Aroclor 1260	2011-12	ug/L																
PCBs - Aroclor 1260	2012-03	ug/L																
PCBs - Aroclor 1260	2014-12	ug/L																
PCBs - Aroclor 1260	2016-10	ug/L									<0.808					<1.67	<0.842	
PCBs - Aroclor 1260	2017-10	ug/L																
PCBs - Aroclor 1260	2017-12	ug/L			<0.842													
PCBs - Aroclor 1260	2018-07	ug/L								<0.808								
PCBs - Aroclor 1260	2018-10	ug/L								<0.833								
PCBs - Aroclor 1260	2019-05	ug/L		<0.808														
PCBs - Aroclor 1260	2021-10	ug/L																
PCBs - Aroclor 1260	2021-12	ug/L	<0.842															
PCBs - Aroclor 1260	2022-10	ug/L			<0.678													
PCBs - Aroclor 1260	2024-04	ug/L		<0.8														

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
Pentachlorobenzene	2009-03	ug/L						~~<10~~	~~<10~~	~~<10~~								
Pentachlorobenzene	2009-06	ug/L					~~<10.0~~	~~<10~~	~~<10~~	~~<10.0~~	~~<10~~			~~<10.0~~				
Pentachlorobenzene	2009-09	ug/L					~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~			~~<10.0~~				
Pentachlorobenzene	2009-12	ug/L					~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~			~~<10.0~~				
Pentachlorobenzene	2010-03	ug/L					~~<10.0~~				~~<10.0~~			~~<10.0~~				
Pentachlorobenzene	2010-06	ug/L										~~<10.0~~						
Pentachlorobenzene	2010-08	ug/L										~~<10.0~~	~~<10.0~~					
Pentachlorobenzene	2010-09	ug/L					~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~				
Pentachlorobenzene	2010-12	ug/L										~~<10.0~~						
Pentachlorobenzene	2011-03	ug/L											~~<10.0~~		~~<10.0~~			
Pentachlorobenzene	2011-06	ug/L											~~<10.0~~		~~<10.0~~	~~<10.0~~	~~<10.0~~	
Pentachlorobenzene	2011-09	ug/L					~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~		~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	
Pentachlorobenzene	2011-12	ug/L													~~<10.0~~	~~<10.0~~	~~<10.0~~	
Pentachlorobenzene	2012-03	ug/L														~~<10.0~~	~~<10.0~~	
Pentachlorobenzene	2014-12	ug/L															~~<10.2~~	
Pentachlorobenzene	2016-10	ug/L							<10	<10	<10.9					<11.2	<11.1	
Pentachlorobenzene	2017-10	ug/L						<10.5										
Pentachlorobenzene	2017-12	ug/L					<10.6					<10.4						<10.4
Pentachlorobenzene	2018-07	ug/L											<10.4					
Pentachlorobenzene	2018-10	ug/L											<10.4					
Pentachlorobenzene	2019-05	ug/L																
Pentachlorobenzene	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
Pentachlorobenzene	2021-12	ug/L																
Pentachlorobenzene	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
Pentachlorobenzene	2024-04	ug/L											<10.6					
Pentachloronitrobenzene	2009-03	ug/L						~~<10~~	~~<10~~	~~<10~~								
Pentachloronitrobenzene	2009-06	ug/L					~~<10.0~~	~~<10~~	~~<10~~	~~<10.0~~	~~<10~~			~~<10.0~~				
Pentachloronitrobenzene	2009-09	ug/L					~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~			~~<10.0~~				
Pentachloronitrobenzene	2009-12	ug/L					~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~			~~<10.0~~				
Pentachloronitrobenzene	2010-03	ug/L					~~<10.0~~				~~<10.0~~			~~<10.0~~				
Pentachloronitrobenzene	2010-06	ug/L										~~<10.0~~						
Pentachloronitrobenzene	2010-08	ug/L										~~<10.0~~	~~<10.0~~					
Pentachloronitrobenzene	2010-09	ug/L					~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~				
Pentachloronitrobenzene	2010-12	ug/L										~~<10.0~~						
Pentachloronitrobenzene	2011-03	ug/L											~~<10.0~~		~~<10.0~~			
Pentachloronitrobenzene	2011-06	ug/L											~~<10.0~~		~~<10.0~~	~~<10.0~~	~~<10.0~~	
Pentachloronitrobenzene	2011-09	ug/L					~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~		~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	
Pentachloronitrobenzene	2011-12	ug/L													~~<10.0~~	~~<10.0~~	~~<10.0~~	
Pentachloronitrobenzene	2012-03	ug/L														~~<10.0~~	~~<10.0~~	
Pentachloronitrobenzene	2014-12	ug/L															~~<10.2~~	
Pentachloronitrobenzene	2016-10	ug/L							<10		<10.9					<11.2	<11.1	
Pentachloronitrobenzene	2017-10	ug/L						<10.5										
Pentachloronitrobenzene	2017-12	ug/L					<10.6					<10.4						<10.4
Pentachloronitrobenzene	2018-07	ug/L											<10.4					
Pentachloronitrobenzene	2018-10	ug/L											<10.4					
Pentachloronitrobenzene	2019-05	ug/L																
Pentachloronitrobenzene	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
Pentachloronitrobenzene	2021-12	ug/L																
Pentachloronitrobenzene	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
Pentachloronitrobenzene	2024-04	ug/L											<10.6					
Pentachlorophenol	2009-03	ug/L						~~<10~~	~~<10~~	~~<10~~								
Pentachlorophenol	2009-06	ug/L					~~<10.0~~	~~<10~~	~~<10~~	~~<10.0~~	~~<10~~			~~<10.0~~				
Pentachlorophenol	2009-09	ug/L					~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~			~~<10.0~~				
Pentachlorophenol	2009-12	ug/L					~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~			~~<10.0~~				
Pentachlorophenol	2010-03	ug/L					~~<10.0~~				~~<10.0~~			~~<10.0~~				
Pentachlorophenol	2010-06	ug/L										~~<10.0~~						
Pentachlorophenol	2010-08	ug/L										~~<10.0~~	~~<10.0~~					
Pentachlorophenol	2010-09	ug/L					~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~	~~<10.0~~				

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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
Pentachlorobenzene	2009-03	ug/L																
Pentachlorobenzene	2009-06	ug/L																
Pentachlorobenzene	2009-09	ug/L																
Pentachlorobenzene	2009-12	ug/L																
Pentachlorobenzene	2010-03	ug/L																
Pentachlorobenzene	2010-06	ug/L																
Pentachlorobenzene	2010-08	ug/L																
Pentachlorobenzene	2010-09	ug/L																
Pentachlorobenzene	2010-12	ug/L																
Pentachlorobenzene	2011-03	ug/L																
Pentachlorobenzene	2011-06	ug/L																
Pentachlorobenzene	2011-09	ug/L																
Pentachlorobenzene	2011-12	ug/L																
Pentachlorobenzene	2012-03	ug/L																
Pentachlorobenzene	2014-12	ug/L																
Pentachlorobenzene	2016-10	ug/L									<10.4					<10.3	<10.2	
Pentachlorobenzene	2017-10	ug/L																
Pentachlorobenzene	2017-12	ug/L			<10.4													
Pentachlorobenzene	2018-07	ug/L								<10.1								
Pentachlorobenzene	2018-10	ug/L								<10.3								
Pentachlorobenzene	2019-05	ug/L		<10.1														
Pentachlorobenzene	2021-10	ug/L																
Pentachlorobenzene	2021-12	ug/L	<10.5															
Pentachlorobenzene	2022-10	ug/L			<8.77													
Pentachlorobenzene	2024-04	ug/L		<10.2														
Pentachloronitrobenzene	2009-03	ug/L																
Pentachloronitrobenzene	2009-06	ug/L																
Pentachloronitrobenzene	2009-09	ug/L																
Pentachloronitrobenzene	2009-12	ug/L																
Pentachloronitrobenzene	2010-03	ug/L																
Pentachloronitrobenzene	2010-06	ug/L																
Pentachloronitrobenzene	2010-08	ug/L																
Pentachloronitrobenzene	2010-09	ug/L																
Pentachloronitrobenzene	2010-12	ug/L																
Pentachloronitrobenzene	2011-03	ug/L																
Pentachloronitrobenzene	2011-06	ug/L																
Pentachloronitrobenzene	2011-09	ug/L																
Pentachloronitrobenzene	2011-12	ug/L																
Pentachloronitrobenzene	2012-03	ug/L																
Pentachloronitrobenzene	2014-12	ug/L																
Pentachloronitrobenzene	2016-10	ug/L									<10.4					<10.3	<10.2	
Pentachloronitrobenzene	2017-10	ug/L																
Pentachloronitrobenzene	2017-12	ug/L			<10.4													
Pentachloronitrobenzene	2018-07	ug/L								<10.1								
Pentachloronitrobenzene	2018-10	ug/L								<10.3								
Pentachloronitrobenzene	2019-05	ug/L		<10.1														
Pentachloronitrobenzene	2021-10	ug/L																
Pentachloronitrobenzene	2021-12	ug/L	<10.5															
Pentachloronitrobenzene	2022-10	ug/L			<8.77													
Pentachloronitrobenzene	2024-04	ug/L		<10.2														
Pentachlorophenol	2009-03	ug/L																
Pentachlorophenol	2009-06	ug/L																
Pentachlorophenol	2009-09	ug/L																
Pentachlorophenol	2009-12	ug/L																
Pentachlorophenol	2010-03	ug/L																
Pentachlorophenol	2010-06	ug/L																
Pentachlorophenol	2010-08	ug/L																
Pentachlorophenol	2010-09	ug/L																

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
Pentachlorophenol	2010-12	ug/L										~~< 10.0~~						
Pentachlorophenol	2011-03	ug/L											~~< 10.0~~		~~< 10.0~~			
Pentachlorophenol	2011-06	ug/L											~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Pentachlorophenol	2011-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Pentachlorophenol	2011-12	ug/L													~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Pentachlorophenol	2012-03	ug/L														~~< 10.0~~	~~< 10.0~~	
Pentachlorophenol	2014-12	ug/L															~~< 10.2~~	
Pentachlorophenol	2016-10	ug/L							**1.88 J**	**1.56 J**	<10.9					<11.2	<11.1	
Pentachlorophenol	2017-10	ug/L						<10.5										
Pentachlorophenol	2017-12	ug/L					<10.6					<10.4						<10.4
Pentachlorophenol	2018-07	ug/L											<10.4					
Pentachlorophenol	2018-10	ug/L											<10.4					
Pentachlorophenol	2019-05	ug/L																
Pentachlorophenol	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
Pentachlorophenol	2021-12	ug/L																
Pentachlorophenol	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
Pentachlorophenol	2024-04	ug/L											<10.6					
Phenacetin	2009-03	ug/L						~~< 10~~	~~< 10~~	~~< 10~~								
Phenacetin	2009-06	ug/L					~~< 10.0~~	~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10~~			~~< 10.0~~				
Phenacetin	2009-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
Phenacetin	2009-12	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
Phenacetin	2010-03	ug/L					~~< 10.0~~				~~< 10.0~~			~~< 10.0~~				
Phenacetin	2010-06	ug/L										~~< 10.0~~						
Phenacetin	2010-08	ug/L										~~< 10.0~~	~~< 10.0~~					
Phenacetin	2010-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~				
Phenacetin	2010-12	ug/L										~~< 10.0~~						
Phenacetin	2011-03	ug/L											~~< 10.0~~		~~< 10.0~~			
Phenacetin	2011-06	ug/L											~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Phenacetin	2011-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Phenacetin	2011-12	ug/L													~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Phenacetin	2012-03	ug/L														~~< 10.0~~	~~< 10.0~~	
Phenacetin	2014-12	ug/L															~~< 10.2~~	
Phenacetin	2016-10	ug/L							<10	<10	<10.9					<11.2	<11.1	
Phenacetin	2017-10	ug/L						<10.5										
Phenacetin	2017-12	ug/L					<10.6					<10.4						<10.4
Phenacetin	2018-07	ug/L											<10.4					
Phenacetin	2018-10	ug/L											<10.4					
Phenacetin	2019-05	ug/L																
Phenacetin	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
Phenacetin	2021-12	ug/L																
Phenacetin	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
Phenacetin	2024-04	ug/L											<10.6					
Phenanthrene	2009-03	ug/L						~~< 10~~	~~< 10~~	~~< 10~~								
Phenanthrene	2009-06	ug/L					~~< 10.0~~	~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10~~			~~< 10.0~~				
Phenanthrene	2009-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
Phenanthrene	2009-12	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
Phenanthrene	2010-03	ug/L					~~< 10.0~~				~~< 10.0~~			~~< 10.0~~				
Phenanthrene	2010-06	ug/L										~~< 10.0~~						
Phenanthrene	2010-08	ug/L										~~< 10.0~~	~~< 10.0~~					
Phenanthrene	2010-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~				
Phenanthrene	2010-12	ug/L										~~< 10.0~~						
Phenanthrene	2011-03	ug/L											~~< 10.0~~		~~< 10.0~~			
Phenanthrene	2011-06	ug/L											~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Phenanthrene	2011-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Phenanthrene	2011-12	ug/L													~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Phenanthrene	2012-03	ug/L														~~< 10.0~~	~~< 10.0~~	
Phenanthrene	2014-12	ug/L															~~< 10.2~~	
Phenanthrene	2016-10	ug/L							<10	<10	<10.9					<11.2	<11.1	

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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
Pentachlorophenol	2010-12	ug/L																
Pentachlorophenol	2011-03	ug/L																
Pentachlorophenol	2011-06	ug/L																
Pentachlorophenol	2011-09	ug/L																
Pentachlorophenol	2011-12	ug/L																
Pentachlorophenol	2012-03	ug/L																
Pentachlorophenol	2014-12	ug/L																
Pentachlorophenol	2016-10	ug/L									<10.4					<10.3	<10.2	
Pentachlorophenol	2017-10	ug/L																
Pentachlorophenol	2017-12	ug/L			<10.4													
Pentachlorophenol	2018-07	ug/L								<10.1								
Pentachlorophenol	2018-10	ug/L								<10.3								
Pentachlorophenol	2019-05	ug/L		<10.1														
Pentachlorophenol	2021-10	ug/L																
Pentachlorophenol	2021-12	ug/L	<10.5															
Pentachlorophenol	2022-10	ug/L			<8.77													
Pentachlorophenol	2024-04	ug/L		<10.2														
Phenacetin	2009-03	ug/L																
Phenacetin	2009-06	ug/L																
Phenacetin	2009-09	ug/L																
Phenacetin	2009-12	ug/L																
Phenacetin	2010-03	ug/L																
Phenacetin	2010-06	ug/L																
Phenacetin	2010-08	ug/L																
Phenacetin	2010-09	ug/L																
Phenacetin	2010-12	ug/L																
Phenacetin	2011-03	ug/L																
Phenacetin	2011-06	ug/L																
Phenacetin	2011-09	ug/L																
Phenacetin	2011-12	ug/L																
Phenacetin	2012-03	ug/L																
Phenacetin	2014-12	ug/L																
Phenacetin	2016-10	ug/L									<10.4					<10.3	<10.2	
Phenacetin	2017-10	ug/L																
Phenacetin	2017-12	ug/L			<10.4													
Phenacetin	2018-07	ug/L								<10.1								
Phenacetin	2018-10	ug/L								<10.3								
Phenacetin	2019-05	ug/L		<10.1														
Phenacetin	2021-10	ug/L																
Phenacetin	2021-12	ug/L	<10.5															
Phenacetin	2022-10	ug/L			<8.77													
Phenacetin	2024-04	ug/L		<10.2														
Phenanthrene	2009-03	ug/L																
Phenanthrene	2009-06	ug/L																
Phenanthrene	2009-09	ug/L																
Phenanthrene	2009-12	ug/L																
Phenanthrene	2010-03	ug/L																
Phenanthrene	2010-06	ug/L																
Phenanthrene	2010-08	ug/L																
Phenanthrene	2010-09	ug/L																
Phenanthrene	2010-12	ug/L																
Phenanthrene	2011-03	ug/L																
Phenanthrene	2011-06	ug/L																
Phenanthrene	2011-09	ug/L																
Phenanthrene	2011-12	ug/L																
Phenanthrene	2012-03	ug/L																
Phenanthrene	2014-12	ug/L																
Phenanthrene	2016-10	ug/L									<10.4					<10.3	<10.2	

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
Phenanthrene	2017-10	ug/L						<10.5										
Phenanthrene	2017-12	ug/L					<10.6					<10.4						<10.4
Phenanthrene	2018-07	ug/L											<10.4					
Phenanthrene	2018-10	ug/L											<10.4					
Phenanthrene	2019-05	ug/L																
Phenanthrene	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
Phenanthrene	2021-12	ug/L																
Phenanthrene	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
Phenanthrene	2024-04	ug/L											<10.6					
Phenol	2009-03	ug/L						~~< 20~~	~~< 20~~	~~< 20~~								
Phenol	2009-06	ug/L					~~< 20.0~~	~~< 20~~	~~< 20~~	~~< 20.0~~	~~< 20~~			~~< 20.0~~				
Phenol	2009-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
Phenol	2009-12	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
Phenol	2010-03	ug/L					~~< 10.0~~				~~< 10.0~~			~~< 10.0~~				
Phenol	2010-06	ug/L										~~< 10.0~~						
Phenol	2010-08	ug/L										~~< 10.0~~	~~< 10.0~~					
Phenol	2010-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~				
Phenol	2010-12	ug/L										~~< 10.0~~						
Phenol	2011-03	ug/L											~~< 10.0~~		~~< 10.0~~			
Phenol	2011-06	ug/L											~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Phenol	2011-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Phenol	2011-12	ug/L													~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Phenol	2012-03	ug/L														~~< 10.0~~	~~< 10.0~~	
Phenol	2014-12	ug/L															~~< 10.2~~	
Phenol	2016-10	ug/L							<10	<10	<10.9					<11.2	<11.1	
Phenol	2017-10	ug/L						<10.5										
Phenol	2017-12	ug/L					<10.6					<10.4						<10.4
Phenol	2018-07	ug/L											<10.4					
Phenol	2018-10	ug/L											<10.4					
Phenol	2019-05	ug/L																
Phenol	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
Phenol	2021-12	ug/L																
Phenol	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
Phenol	2024-04	ug/L											<10.6					
Phorate	2009-03	ug/L						~~< 60~~	~~< 60~~	~~< 60~~								
Phorate	2009-06	ug/L					~~< 60.0~~	~~< 60~~	~~< 60~~	~~< 60.0~~	~~< 60~~			~~< 60.0~~				
Phorate	2009-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
Phorate	2009-12	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
Phorate	2010-03	ug/L					~~< 10.0~~				~~< 10.0~~			~~< 10.0~~				
Phorate	2010-06	ug/L										~~< 10.0~~						
Phorate	2010-08	ug/L										~~< 10.0~~	~~< 10.0~~					
Phorate	2010-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~				
Phorate	2010-12	ug/L										~~< 10.0~~						
Phorate	2011-03	ug/L											~~< 10.0~~		~~< 10.0~~			
Phorate	2011-06	ug/L											~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Phorate	2011-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Phorate	2011-12	ug/L													~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Phorate	2012-03	ug/L														~~< 10.0~~	~~< 10.0~~	
Phorate	2014-12	ug/L															~~< 10.2~~	
Phorate	2016-10	ug/L							<10	<10	<10.9					<11.2	<11.1	
Phorate	2017-10	ug/L						<10.5										
Phorate	2017-12	ug/L					<10.6					<10.4						<10.4
Phorate	2018-07	ug/L											<10.4					
Phorate	2018-10	ug/L											<10.4					
Phorate	2019-05	ug/L																
Phorate	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
Phorate	2021-12	ug/L																
Phorate	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47

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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
Phenanthrene	2017-10	ug/L																
Phenanthrene	2017-12	ug/L			<10.4													
Phenanthrene	2018-07	ug/L								<10.1								
Phenanthrene	2018-10	ug/L								<10.3								
Phenanthrene	2019-05	ug/L		<10.1														
Phenanthrene	2021-10	ug/L																
Phenanthrene	2021-12	ug/L	<10.5															
Phenanthrene	2022-10	ug/L			<8.77													
Phenanthrene	2024-04	ug/L		<10.2														
Phenol	2009-03	ug/L																
Phenol	2009-06	ug/L																
Phenol	2009-09	ug/L																
Phenol	2009-12	ug/L																
Phenol	2010-03	ug/L																
Phenol	2010-06	ug/L																
Phenol	2010-08	ug/L																
Phenol	2010-09	ug/L																
Phenol	2010-12	ug/L																
Phenol	2011-03	ug/L																
Phenol	2011-06	ug/L																
Phenol	2011-09	ug/L																
Phenol	2011-12	ug/L																
Phenol	2012-03	ug/L																
Phenol	2014-12	ug/L																
Phenol	2016-10	ug/L									<10.4					<10.3	<10.2	
Phenol	2017-10	ug/L																
Phenol	2017-12	ug/L			<10.4													
Phenol	2018-07	ug/L								<10.1								
Phenol	2018-10	ug/L								<10.3								
Phenol	2019-05	ug/L		<10.1														
Phenol	2021-10	ug/L																
Phenol	2021-12	ug/L	<10.5															
Phenol	2022-10	ug/L			<8.77													
Phenol	2024-04	ug/L		<10.2														
Phorate	2009-03	ug/L																
Phorate	2009-06	ug/L																
Phorate	2009-09	ug/L																
Phorate	2009-12	ug/L																
Phorate	2010-03	ug/L																
Phorate	2010-06	ug/L																
Phorate	2010-08	ug/L																
Phorate	2010-09	ug/L																
Phorate	2010-12	ug/L																
Phorate	2011-03	ug/L																
Phorate	2011-06	ug/L																
Phorate	2011-09	ug/L																
Phorate	2011-12	ug/L																
Phorate	2012-03	ug/L																
Phorate	2014-12	ug/L																
Phorate	2016-10	ug/L									<10.4					<10.3	<10.2	
Phorate	2017-10	ug/L																
Phorate	2017-12	ug/L			<10.4													
Phorate	2018-07	ug/L								<10.1								
Phorate	2018-10	ug/L								<10.3								
Phorate	2019-05	ug/L		<10.1														
Phorate	2021-10	ug/L																
Phorate	2021-12	ug/L	<10.5															
Phorate	2022-10	ug/L			<8.77													

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
Phorate	2024-04	ug/L											<10.6					
p-Phenylenediamine	2009-03	ug/L						~~< 10~~	~~< 10~~	~~< 10~~								
p-Phenylenediamine	2009-06	ug/L					~~< 10.0~~	~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10~~			~~< 10.0~~				
p-Phenylenediamine	2009-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
p-Phenylenediamine	2009-12	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
p-Phenylenediamine	2010-03	ug/L					~~< 10.0~~				~~< 10.0~~			~~< 10.0~~				
p-Phenylenediamine	2010-06	ug/L										~~< 10.0~~						
p-Phenylenediamine	2010-08	ug/L										~~< 10.0~~	~~< 10.0~~					
p-Phenylenediamine	2010-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~				
p-Phenylenediamine	2010-12	ug/L										~~< 10.0~~						
p-Phenylenediamine	2011-03	ug/L											~~< 10.0~~		~~< 10.0~~			
p-Phenylenediamine	2011-06	ug/L											~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
p-Phenylenediamine	2011-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
p-Phenylenediamine	2011-12	ug/L													~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
p-Phenylenediamine	2012-03	ug/L														~~< 10.0~~	~~< 10.0~~	
p-Phenylenediamine	2014-12	ug/L															~~< 10.2~~	
p-Phenylenediamine	2016-10	ug/L							<10	<10	<10.9					<11.2	<11.1	
p-Phenylenediamine	2017-10	ug/L						<10.5										
p-Phenylenediamine	2017-12	ug/L					<10.6					<10.4						<10.4
p-Phenylenediamine	2018-07	ug/L											<10.4					
p-Phenylenediamine	2018-10	ug/L											<10.4					
p-Phenylenediamine	2019-05	ug/L																
p-Phenylenediamine	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
p-Phenylenediamine	2021-12	ug/L																
p-Phenylenediamine	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
p-Phenylenediamine	2024-04	ug/L											<10.6					
Pronamide	2009-03	ug/L						~~< 10~~	~~< 10~~	~~< 10~~								
Pronamide	2009-06	ug/L					~~< 10.0~~	~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10~~			~~< 10.0~~				
Pronamide	2009-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
Pronamide	2009-12	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
Pronamide	2010-03	ug/L					~~< 10.0~~				~~< 10.0~~			~~< 10.0~~				
Pronamide	2010-06	ug/L										~~< 10.0~~						
Pronamide	2010-08	ug/L										~~< 10.0~~	~~< 10.0~~					
Pronamide	2010-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~				
Pronamide	2010-12	ug/L										~~< 10.0~~						
Pronamide	2011-03	ug/L											~~< 10.0~~		~~< 10.0~~			
Pronamide	2011-06	ug/L											~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Pronamide	2011-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Pronamide	2011-12	ug/L													~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Pronamide	2012-03	ug/L														~~< 10.0~~	~~< 10.0~~	
Pronamide	2014-12	ug/L															~~< 10.2~~	
Pronamide	2016-10	ug/L							<10	<10	<10.9					<11.2	<11.1	
Pronamide	2017-10	ug/L						<10.5										
Pronamide	2017-12	ug/L					<10.6					<10.4						<10.4
Pronamide	2018-07	ug/L											<10.4					
Pronamide	2018-10	ug/L											<10.4					
Pronamide	2019-05	ug/L																
Pronamide	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
Pronamide	2021-12	ug/L																
Pronamide	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
Pronamide	2024-04	ug/L											<10.6					
Propionitrile	2009-03	ug/L						~~< 10~~	~~< 10~~	~~< 10~~								
Propionitrile	2009-06	ug/L					~~< 50.0~~	~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10~~			~~< 10.0~~				
Propionitrile	2009-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
Propionitrile	2009-12	ug/L					~~< 20.0~~	~~< 20.0~~	~~< 20.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
Propionitrile	2010-03	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
Propionitrile	2010-06	ug/L										~~< 10.0~~						
Propionitrile	2010-08	ug/L										~~< 10.0~~	~~< 10.0~~					

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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
Phorate	2024-04	ug/L		<10.2														
p-Phenylenediamine	2009-03	ug/L																
p-Phenylenediamine	2009-06	ug/L																
p-Phenylenediamine	2009-09	ug/L																
p-Phenylenediamine	2009-12	ug/L																
p-Phenylenediamine	2010-03	ug/L																
p-Phenylenediamine	2010-06	ug/L																
p-Phenylenediamine	2010-08	ug/L																
p-Phenylenediamine	2010-09	ug/L																
p-Phenylenediamine	2010-12	ug/L																
p-Phenylenediamine	2011-03	ug/L																
p-Phenylenediamine	2011-06	ug/L																
p-Phenylenediamine	2011-09	ug/L																
p-Phenylenediamine	2011-12	ug/L																
p-Phenylenediamine	2012-03	ug/L																
p-Phenylenediamine	2014-12	ug/L																
p-Phenylenediamine	2016-10	ug/L									<10.4					<10.3	<10.2	
p-Phenylenediamine	2017-10	ug/L																
p-Phenylenediamine	2017-12	ug/L			<10.4													
p-Phenylenediamine	2018-07	ug/L								<10.1								
p-Phenylenediamine	2018-10	ug/L								<10.3								
p-Phenylenediamine	2019-05	ug/L		<10.1														
p-Phenylenediamine	2021-10	ug/L																
p-Phenylenediamine	2021-12	ug/L	<10.5															
p-Phenylenediamine	2022-10	ug/L			<8.77													
p-Phenylenediamine	2024-04	ug/L		<10.2														
Pronamide	2009-03	ug/L																
Pronamide	2009-06	ug/L																
Pronamide	2009-09	ug/L																
Pronamide	2009-12	ug/L																
Pronamide	2010-03	ug/L																
Pronamide	2010-06	ug/L																
Pronamide	2010-08	ug/L																
Pronamide	2010-09	ug/L																
Pronamide	2010-12	ug/L																
Pronamide	2011-03	ug/L																
Pronamide	2011-06	ug/L																
Pronamide	2011-09	ug/L																
Pronamide	2011-12	ug/L																
Pronamide	2012-03	ug/L																
Pronamide	2014-12	ug/L																
Pronamide	2016-10	ug/L									<10.4					<10.3	<10.2	
Pronamide	2017-10	ug/L																
Pronamide	2017-12	ug/L			<10.4													
Pronamide	2018-07	ug/L								<10.1								
Pronamide	2018-10	ug/L								<10.3								
Pronamide	2019-05	ug/L		<10.1														
Pronamide	2021-10	ug/L																
Pronamide	2021-12	ug/L	<10.5															
Pronamide	2022-10	ug/L			<8.77													
Pronamide	2024-04	ug/L		<10.2														
Propionitrile	2009-03	ug/L																
Propionitrile	2009-06	ug/L																
Propionitrile	2009-09	ug/L																
Propionitrile	2009-12	ug/L																
Propionitrile	2010-03	ug/L																
Propionitrile	2010-06	ug/L																
Propionitrile	2010-08	ug/L																

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
Propionitrile	2010-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~				
Propionitrile	2010-12	ug/L										~~< 10.0~~						
Propionitrile	2011-03	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 100~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			
Propionitrile	2011-04	ug/L					~~< 10.0~~		~~< 10.0~~	~~< 100~~	~~< 10.0~~						~~< 10.0~~	
Propionitrile	2011-06	ug/L											~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Propionitrile	2011-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 100~~	~~< 10.0~~	~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Propionitrile	2011-12	ug/L													~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Propionitrile	2012-03	ug/L												~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	
Propionitrile	2014-12	ug/L															~~< 10.0~~	
Propionitrile	2016-10	ug/L							<10	<10	<10					<10	<10	
Propionitrile	2017-10	ug/L						<10										
Propionitrile	2017-12	ug/L					<10					<10						<10
Propionitrile	2018-07	ug/L											<10					
Propionitrile	2018-10	ug/L											<10					
Propionitrile	2019-05	ug/L																
Propionitrile	2021-10	ug/L							<10	<10	<10					<10	<10	
Propionitrile	2021-12	ug/L																
Propionitrile	2022-10	ug/L					<10	<10				<10						<10
Propionitrile	2024-04	ug/L											<10					
Pyrene	2009-03	ug/L						~~< 10~~	~~< 10~~	~~< 10~~								
Pyrene	2009-06	ug/L					~~< 10.0~~	~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10~~			~~< 10.0~~				
Pyrene	2009-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
Pyrene	2009-12	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
Pyrene	2010-03	ug/L					~~< 10.0~~				~~< 10.0~~			~~< 10.0~~				
Pyrene	2010-06	ug/L										~~< 10.0~~						
Pyrene	2010-08	ug/L										~~< 10.0~~	~~< 10.0~~					
Pyrene	2010-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~				
Pyrene	2010-12	ug/L										~~< 10.0~~						
Pyrene	2011-03	ug/L											~~< 10.0~~		~~< 10.0~~			
Pyrene	2011-06	ug/L											~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Pyrene	2011-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Pyrene	2011-12	ug/L													~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Pyrene	2012-03	ug/L														~~< 10.0~~	~~< 10.0~~	
Pyrene	2014-12	ug/L															~~< 10.2~~	
Pyrene	2016-10	ug/L							<10	<10	<10.9					<11.2	<11.1	
Pyrene	2017-10	ug/L						<10.5										
Pyrene	2017-12	ug/L					<10.6					<10.4						<10.4
Pyrene	2018-07	ug/L											<10.4					
Pyrene	2018-10	ug/L											<10.4					
Pyrene	2019-05	ug/L																
Pyrene	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
Pyrene	2021-12	ug/L																
Pyrene	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
Pyrene	2024-04	ug/L											<10.6					
Safrole	2009-03	ug/L						~~< 10~~	~~< 10~~	~~< 10~~								
Safrole	2009-06	ug/L					~~< 10.0~~	~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10~~			~~< 10.0~~				
Safrole	2009-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
Safrole	2009-12	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
Safrole	2010-03	ug/L					~~< 10.0~~				~~< 10.0~~			~~< 10.0~~				
Safrole	2010-06	ug/L										~~< 10.0~~						
Safrole	2010-08	ug/L										~~< 10.0~~	~~< 10.0~~					
Safrole	2010-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~				
Safrole	2010-12	ug/L										~~< 10.0~~						
Safrole	2011-03	ug/L											~~< 10.0~~		~~< 10.0~~			
Safrole	2011-06	ug/L											~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Safrole	2011-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Safrole	2011-12	ug/L													~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Safrole	2012-03	ug/L														~~< 10.0~~	~~< 10.0~~	

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Table 20
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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
Propionitrile	2010-09	ug/L																
Propionitrile	2010-12	ug/L																
Propionitrile	2011-03	ug/L																
Propionitrile	2011-04	ug/L																
Propionitrile	2011-06	ug/L																
Propionitrile	2011-09	ug/L																
Propionitrile	2011-12	ug/L																
Propionitrile	2012-03	ug/L																
Propionitrile	2014-12	ug/L																
Propionitrile	2016-10	ug/L									<10					<10	<10	
Propionitrile	2017-10	ug/L																
Propionitrile	2017-12	ug/L			<10													
Propionitrile	2018-07	ug/L								<10								
Propionitrile	2018-10	ug/L								<10								
Propionitrile	2019-05	ug/L		<10														
Propionitrile	2021-10	ug/L																
Propionitrile	2021-12	ug/L	<10															
Propionitrile	2022-10	ug/L			<10													
Propionitrile	2024-04	ug/L		<10														
Pyrene	2009-03	ug/L																
Pyrene	2009-06	ug/L																
Pyrene	2009-09	ug/L																
Pyrene	2009-12	ug/L																
Pyrene	2010-03	ug/L																
Pyrene	2010-06	ug/L																
Pyrene	2010-08	ug/L																
Pyrene	2010-09	ug/L																
Pyrene	2010-12	ug/L																
Pyrene	2011-03	ug/L																
Pyrene	2011-06	ug/L																
Pyrene	2011-09	ug/L																
Pyrene	2011-12	ug/L																
Pyrene	2012-03	ug/L																
Pyrene	2014-12	ug/L																
Pyrene	2016-10	ug/L									<10.4					<10.3	<10.2	
Pyrene	2017-10	ug/L																
Pyrene	2017-12	ug/L			<10.4													
Pyrene	2018-07	ug/L								<10.1								
Pyrene	2018-10	ug/L								<10.3								
Pyrene	2019-05	ug/L		<10.1														
Pyrene	2021-10	ug/L																
Pyrene	2021-12	ug/L	<10.5															
Pyrene	2022-10	ug/L			<8.77													
Pyrene	2024-04	ug/L		<10.2														
Safrole	2009-03	ug/L																
Safrole	2009-06	ug/L																
Safrole	2009-09	ug/L																
Safrole	2009-12	ug/L																
Safrole	2010-03	ug/L																
Safrole	2010-06	ug/L																
Safrole	2010-08	ug/L																
Safrole	2010-09	ug/L																
Safrole	2010-12	ug/L																
Safrole	2011-03	ug/L																
Safrole	2011-06	ug/L																
Safrole	2011-09	ug/L																
Safrole	2011-12	ug/L																
Safrole	2012-03	ug/L																

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
Safrole	2014-12	ug/L															~~< 10.2~~	
Safrole	2016-10	ug/L							<10	<10	<10.9					<11.2	<11.1	
Safrole	2017-10	ug/L						<10.5										
Safrole	2017-12	ug/L					<10.6					<10.4						<10.4
Safrole	2018-07	ug/L											<10.4					
Safrole	2018-10	ug/L											<10.4					
Safrole	2019-05	ug/L																
Safrole	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
Safrole	2021-12	ug/L																
Safrole	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
Safrole	2024-04	ug/L											<10.6					
Selenium	2012-10	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~~
Selenium	2013-03	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~~	~~< 0.00500~~
Selenium	2013-06	mg/L																
Selenium	2013-09	mg/L	~~**0.00238**~~	~~< 0.00500~~			~~< 0.00500~~	~~< 0.00500~~	~~< 0.00500~~	~~< 0.00500~~	~~< 0.00500~~	~~< 0.00500~~		~~< 0.00500~~	~~< 0.00500~~	~~< 0.00500~~	~~**0.00236**~~	~~< 0.00500~~
Selenium	2013-11	mg/L																
Selenium	2014-03	mg/L	~~**0.000703**~~	~~< 0.00500~~			~~< 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	2014-06	mg/L																
Selenium	2014-09	mg/L	~~< 0.005~~	~~< 0.005~~			~~< 0.00500~~	~~< 0.00500~~	~~< 0.00500~~	~~< 0.00500~~	~~< 0.005~~	~~< 0.005~~	~~< 0.005~~	~~< 0.00500~~	~~< 0.00500~~	~~< 0.00500~~	~~< 0.00500~~	~~< 0.005~~
Selenium	2014-12	mg/L															~~< 0.00500~~	
Selenium	2015-04	mg/L	~~< 0.005 o~~	< 0.005			~~< 0.005 o~~	~~< 0.005 o~~	~~< 0.005 o~~	~~< 0.005 o~~	~~< 0.005 o~~	~~< 0.005 o~~	~~< 0.005 o~~			~~< 0.005 o~~	~~< 0.005 o~~	~~< 0.005 o~~
Selenium	2015-10	mg/L	<0.005	~~< 0.005 o~~			~~< 0.005 o~~	~~< 0.005 o~~	~~< 0.005 o~~	~~< 0.005 o~~	<0.005	~~< 0.005 o~~				<0.005	<0.005	~~< 0.005 o~~
Selenium	2016-04	mg/L	~~**0.0008 Jo**~~	<0.005			**0.000668 J**	**0.000761 J**	**0.001024 J**	**0.001275 J**	**0.000665 J**	**0.000967 J**	<0.005			<0.005	<0.005	~~**0.00064 Jo**~~
Selenium	2016-10	mg/L	<0.005	<0.005			<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005			**0.000716 J**	<0.005	<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	<0.005
Selenium	2017-10	mg/L	<0.005	<0.005			<0.005	<0.005	<0.005	<0.005	~~<0.01 o~~	<0.005				<0.005	<0.005	<0.005
Selenium	2017-12	mg/L					<0.005					<0.005						<0.005
Selenium	2018-04	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	<0.005
Selenium	2018-07	mg/L											<0.005					
Selenium	2018-10	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	2019-01	mg/L																
Selenium	2019-03	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
Selenium	2019-05	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			<0.005	<0.005	<0.005
Selenium	2020-03	mg/L	<0.005	<0.005			~~**0.00213 Jo**~~	**0.00137 J**	**0.00168 J**	<0.005	<0.005	<0.005	<0.005			**0.00123 J**	**0.00132 J**	<0.005
Selenium	2020-09	mg/L	<0.005	<0.005			<0.005	**0.00113 J**	<0.005	**0.00126 J**	<0.005	<0.005	<0.005			**0.00198 J**	<0.005	<0.005
Selenium	2020-11	mg/L	<0.005															
Selenium	2020-12	mg/L	<0.005															
Selenium	2021-03	mg/L	**0.00125 J**	<0.005			<0.005	<0.005	**0.00101 J**	**0.00119 J**	**0.00101 J**	<0.005	<0.005			**0.00147 J**	<0.005	<0.005
Selenium	2021-05	mg/L																
Selenium	2021-08	mg/L																
Selenium	2021-10	mg/L	<0.005	<0.005	<0.005		<0.005	**0.00176 J**	<0.005	<0.005	<0.005	<0.005	<0.005			**0.00137 J**	<0.005	<0.005
Selenium	2021-12	mg/L																
Selenium	2022-02	mg/L	<0.005		<0.005	<0.005												
Selenium	2022-04	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	**0.00112 J**	**0.000998 J**	**0.00116 J**			<0.005	<0.005	<0.005
Selenium	2022-07	mg/L			<0.005	<0.005												
Selenium	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	<0.005
Selenium	2023-04	mg/L	~~**0.00298 Jo**~~	<0.005		**0.00212 J**	<0.005	<0.005	<0.005	<0.005	<0.005	**0.00154 J**	<0.005			<0.005	<0.005	<0.005
Selenium	2023-05	mg/L			<0.005													
Selenium	2023-10	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	~~**0.00229 Jo**~~	<0.005	<0.005	<0.005	<0.005				<0.005	~~**0.00219 Jo**~~	<0.005
Selenium	2024-04	mg/L	<0.005	<0.005	<0.005	<0.005	**0.00349 J**	<0.005	<0.005	<0.005	<0.005	<0.005	<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	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005			< 0.005	< 0.005	< 0.005
Selenium	2025-03	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	**0.00143 J**	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005			< 0.005	< 0.005	< 0.005
Selenium	2025-08	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	< 0.005	< 0.005
Silver	2008-01	mg/L					~~< 0.02~~	~~< 0.02~~	~~< 0.0200~~	~~< 0.02~~	~~< 0.02~~	~~< 0.02~~	~~< 0.02~~	~~< 0.02~~	~~< 0.02~~			
Silver	2008-03	mg/L					~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~			
Silver	2008-08	mg/L					~~< 0.02~~	~~< 0.02~~	~~< 0.02~~	~~< 0.02~~	~~< 0.02~~	~~< 0.02~~	~~< 0.02~~	~~< 0.02~~	~~< 0.02~~			

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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
Safrole	2014-12	ug/L																
Safrole	2016-10	ug/L									<10.4					<10.3	<10.2	
Safrole	2017-10	ug/L																
Safrole	2017-12	ug/L			<10.4													
Safrole	2018-07	ug/L								<10.1								
Safrole	2018-10	ug/L								<10.3								
Safrole	2019-05	ug/L		<10.1														
Safrole	2021-10	ug/L																
Safrole	2021-12	ug/L	<10.5															
Safrole	2022-10	ug/L			<8.77													
Safrole	2024-04	ug/L		<10.2														
Selenium	2012-10	mg/L									~~< 0.00500~~			~~< 0.00500~~		~~< 0.00500~~	~~< 0.00500~~	
Selenium	2013-03	mg/L	~~< 0.00500~~								~~< 0.00500~~					**~~0.00378~~**	~~< 0.00500~~	
Selenium	2013-06	mg/L			**~~0.00985~~**													
Selenium	2013-09	mg/L	~~< 0.00500~~	~~< 0.00500~~	~~< 0.00500~~						~~< 0.00500~~					**~~0.00483~~**	~~< 0.00500~~	
Selenium	2013-11	mg/L			**~~0.00066~~**													
Selenium	2014-03	mg/L	~~< 0.00500~~		~~< 0.00500~~						~~< 0.00500~~					**~~0.00878~~**	~~< 0.00500~~	
Selenium	2014-06	mg/L		~~< 0.00500~~	**~~0.00699~~**													
Selenium	2014-09	mg/L	~~< 0.005~~	~~< 0.005~~	~~< 0.005~~						~~< 0.005~~					**~~0.00424~~**	~~< 0.005~~	
Selenium	2014-12	mg/L																
Selenium	2015-04	mg/L	~~< 0.005 o~~	~~< 0.005 o~~	~~< 0.005 o~~						~~< 0.005 o~~					**0.00397**	< 0.00500	
Selenium	2015-10	mg/L	~~< 0.005 o~~	~~< 0.005 o~~	<0.005						~~< 0.005 o~~					**0.00885**	<0.005	
Selenium	2016-04	mg/L	**0.000714 J**	<0.005	<0.005						~~< 0.005 o~~					**0.00345 J**	**0.00132 J**	
Selenium	2016-10	mg/L	<0.005	<0.005	<0.005						~~< 0.005 o~~					**0.00228 J**	**0.000889 J**	
Selenium	2017-03	mg/L	<0.005	<0.005	<0.005						<0.005					**0.00243 J**	**0.00111 J**	
Selenium	2017-10	mg/L	<0.005	<0.005	<0.005						<0.005					**0.00907**	<0.005	
Selenium	2017-12	mg/L			<0.005													
Selenium	2018-04	mg/L	<0.005	**0.00116 J**	<0.005						<0.005					**0.00799**	**0.00193 J**	
Selenium	2018-07	mg/L								<0.005								
Selenium	2018-10	mg/L	<0.005	<0.005	<0.005					<0.005	<0.005					**0.00263 J**	**0.00116 J**	
Selenium	2019-01	mg/L								<0.005								
Selenium	2019-03	mg/L	**0.00126 J**	<0.005	<0.005					<0.005	<0.005					**0.00265 J**	**0.00147 J**	
Selenium	2019-05	mg/L		<0.0025						<0.0025								
Selenium	2019-10	mg/L	**0.00115 J**	<0.005	<0.005					<0.005	<0.005					**0.0019 J**	<0.005	
Selenium	2020-03	mg/L	**0.00197 J**	<0.005	<0.005					**0.00149 J**	<0.005					**0.00383 J**	**0.00199 J**	
Selenium	2020-09	mg/L	<0.005	<0.005	<0.005					<0.005	<0.005					**0.00278 J**	**0.0011 J**	
Selenium	2020-11	mg/L																
Selenium	2020-12	mg/L																
Selenium	2021-03	mg/L	<0.005	<0.005	<0.005			<0.005	<0.005	**0.00122 J**	<0.005					**0.00271 J**	**0.00125 J**	
Selenium	2021-05	mg/L	<0.005															
Selenium	2021-08	mg/L						<0.005	<0.005									
Selenium	2021-10	mg/L	<0.005	<0.005	<0.005			<0.005	**0.00291 J**	<0.005	~~<0.005~~							
Selenium	2021-12	mg/L	<0.005															
Selenium	2022-02	mg/L						<0.005	<0.005									
Selenium	2022-04	mg/L	~~<0.035 o~~	<0.005	<0.005			<0.005	**0.00112 J**	**0.000965 J**	<0.005							
Selenium	2022-07	mg/L																
Selenium	2022-10	mg/L	<0.005	<0.005	<0.005			<0.005	**0.00114 J**	<0.005	~~<0.005~~							
Selenium	2023-04	mg/L	<0.005	<0.005	<0.005			<0.005	<0.005	<0.005	~~<0.005~~							
Selenium	2023-05	mg/L																
Selenium	2023-10	mg/L	<0.005	<0.005	<0.005			<0.005	<0.005	<0.005	<0.005							
Selenium	2024-04	mg/L	<0.005	<0.005	<0.005			<0.005	<0.005	<0.005	<0.005							
Selenium	2024-05	mg/L						<0.005				**0.0102**	<0.005	<0.005	<0.005			0.00478 J
Selenium	2024-09	mg/L	< 0.005	< 0.005	< 0.005			< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	**0.00412 J**	< 0.005	0.00323 J
Selenium	2025-03	mg/L	< 0.005	< 0.005	< 0.005			< 0.005	< 0.005	< 0.005	< 0.005	**0.0091**	< 0.005	< 0.005	< 0.005	**0.00409 J**	< 0.005	0.00651
Selenium	2025-08	mg/L	< 0.005	< 0.005	< 0.005			< 0.005	**0.00178 J**	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	**0.00358 J**	< 0.005	0.00666
Silver	2008-01	mg/L																
Silver	2008-03	mg/L																
Silver	2008-08	mg/L																

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Table 20
Analytical Data Summary
2025 Annual Water Quality Report

Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
Silver	2008-09	mg/L					~~< 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~~			
Silver	2009-03	mg/L					~~< 0.02~~	~~< 0.02~~	~~< 0.02~~	~~< 0.02~~	~~< 0.02~~	~~< 0.02~~	~~< 0.02~~	~~< 0.02~~	~~< 0.02~~			
Silver	2009-06	mg/L					~~< 0.0200~~	~~< 0.02~~	~~< 0.02~~	~~< 0.0200~~	~~< 0.02~~			~~< 0.0200~~				
Silver	2009-09	mg/L					~~< 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~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~			~~< 0.0200~~				
Silver	2010-03	mg/L					~~< 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~~	~~< 0.0200~~	~~< 0.0200~~
Silver	2010-08	mg/L										~~< 0.0200~~	~~< 0.0200~~			~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~
Silver	2010-09	mg/L					~~< 0.0200~~	~~< 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~~				~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~
Silver	2011-03	mg/L		~~< 0.0200~~			~~< 0.0200~~	~~< 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~~		~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	
Silver	2011-07	mg/L	~~< 0.0200~~															
Silver	2011-08	mg/L		~~< 0.0200~~														
Silver	2011-09	mg/L	~~< 0.0200~~	~~< 0.0200~~			~~< 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~~											~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	
Silver	2012-03	mg/L	~~< 0.0200~~	~~< 0.0200~~			~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~
Silver	2012-04	mg/L																
Silver	2012-06	mg/L																
Silver	2012-10	mg/L	~~< 0.0200~~	~~< 0.0200~~			~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~			~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~
Silver	2013-03	mg/L	~~< 0.0200~~	~~< 0.0200~~			~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~		~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~
Silver	2013-06	mg/L																
Silver	2013-09	mg/L	~~< 0.0200~~	~~< 0.0200~~			~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~		~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~
Silver	2013-11	mg/L																
Silver	2014-03	mg/L	~~**0.0033**~~	~~**0.0035**~~			~~< 0.0200~~	~~< 0.0200~~	~~**0.00274**~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~	~~**0.00269**~~
Silver	2014-06	mg/L																
Silver	2014-09	mg/L	~~< 0.001~~	~~< 0.001~~			~~< 0.00100~~	~~< 0.00100~~	~~< 0.00100~~	~~< 0.00100~~	~~< 0.001~~	~~< 0.001~~	~~< 0.001~~	~~< 0.00100~~	~~< 0.00100~~	~~< 0.00100~~	~~< 0.00100~~	~~< 0.001~~
Silver	2014-12	mg/L															~~< 0.00100~~	
Silver	2015-04	mg/L	< 0.00100	< 0.001			< 0.001	< 0.00100	< 0.001	< 0.001	< 0.001	< 0.00100	< 0.00100			< 0.00100	< 0.001	< 0.001
Silver	2015-10	mg/L	**0.000222 J**	<0.02			<0.02	**0.000149 J**	<0.02	<0.02	<0.02	**0.000055 J**				<0.02	<0.02	<0.02
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
Silver	2016-10	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	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	<0.001
Silver	2017-10	mg/L	<0.001	**0.000144 J**			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001				<0.001	<0.001	<0.001
Silver	2017-12	mg/L					<0.001					<0.001						<0.001
Silver	2018-04	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	2018-07	mg/L											<0.001					
Silver	2018-10	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	2019-01	mg/L																
Silver	2019-03	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
Silver	2019-05	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	2020-03	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
Silver	2020-09	mg/L	<0.001	<0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			**0.000944 J**	<0.001	<0.001
Silver	2020-11	mg/L	<0.001															
Silver	2020-12	mg/L	<0.001															
Silver	2021-03	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
Silver	2021-05	mg/L																
Silver	2021-08	mg/L																
Silver	2021-10	mg/L	<0.001	**0.000451 J**	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			<0.001	<0.001	<0.001
Silver	2021-12	mg/L																
Silver	2022-02	mg/L	<0.001		<0.001	<0.001												
Silver	2022-04	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			**0.00055 J**	<0.001	<0.001
Silver	2022-07	mg/L			<0.001	<0.001												
Silver	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	<0.001
Silver	2023-04	mg/L	~~**0.00141 o**~~	<0.001		~~**0.00139 o**~~	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			<0.001	<0.001	<0.001
Silver	2023-05	mg/L			<0.001													

Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
Silver	2008-09	mg/L																
Silver	2008-10	mg/L																
Silver	2009-03	mg/L																
Silver	2009-06	mg/L																
Silver	2009-09	mg/L																
Silver	2009-12	mg/L																
Silver	2010-03	mg/L																
Silver	2010-06	mg/L	~~< 0.0200~~	~~< 0.0200~~														
Silver	2010-08	mg/L	~~< 0.0200~~	~~< 0.0200~~														
Silver	2010-09	mg/L	~~< 0.0200~~	~~< 0.0200~~														
Silver	2010-12	mg/L	~~< 0.0200~~	~~< 0.0200~~														
Silver	2011-03	mg/L	~~< 0.0200~~	~~< 0.0200~~														
Silver	2011-06	mg/L																
Silver	2011-07	mg/L																
Silver	2011-08	mg/L																
Silver	2011-09	mg/L	~~< 0.0200~~	~~< 0.0200~~														
Silver	2011-12	mg/L																
Silver	2012-03	mg/L	~~< 0.0200~~	~~< 0.0200~~														
Silver	2012-04	mg/L									~~< 0.0600~~	~~< 0.0200~~		~~< 0.0200~~		~~< 0.0200~~	~~< 0.0200~~	
Silver	2012-06	mg/L									~~< 0.0400~~	~~< 0.0200~~		~~< 0.0200~~		~~< 0.0200~~	~~< 0.0200~~	
Silver	2012-10	mg/L									~~< 0.0200~~			~~< 0.0200~~		~~< 0.0200~~	~~< 0.0200~~	
Silver	2013-03	mg/L	~~< 0.0200~~								~~< 0.0200~~					~~< 0.0200~~	~~< 0.0200~~	
Silver	2013-06	mg/L			~~< 0.0200~~													
Silver	2013-09	mg/L	~~< 0.0200~~	~~< 0.0200~~	~~< 0.0200~~						~~< 0.0200~~					~~< 0.0200~~	~~< 0.0200~~	
Silver	2013-11	mg/L			~~< 0.0200~~													
Silver	2014-03	mg/L	~~< 0.0200~~		~~< 0.0200~~						~~< 0.0200~~					~~< 0.0200~~	~~< 0.0200~~	
Silver	2014-06	mg/L		~~< 0.0200~~	~~< 0.0200~~													
Silver	2014-09	mg/L	~~< 0.001~~	~~< 0.001~~	~~< 0.001~~						~~< 0.001~~					~~< 0.001~~	~~< 0.001~~	
Silver	2014-12	mg/L																
Silver	2015-04	mg/L	< 0.00100	< 0.00100	< 0.00100						< 0.001					< 0.00100	< 0.00100	
Silver	2015-10	mg/L	<0.02	<0.02	<0.02						<0.02					<0.02	<0.02	
Silver	2016-04	mg/L	<0.001	<0.001	<0.001						<0.001					<0.001	<0.001	
Silver	2016-10	mg/L	<0.001	<0.001	<0.001						<0.001					<0.001	<0.001	
Silver	2017-03	mg/L	<0.001	<0.001	<0.001						<0.001					<0.001	<0.001	
Silver	2017-10	mg/L	<0.001	<0.001	**0.000177 J**						<0.001					<0.001	<0.001	
Silver	2017-12	mg/L			<0.001													
Silver	2018-04	mg/L	<0.001	<0.001	<0.001						<0.001					<0.001	<0.001	
Silver	2018-07	mg/L								<0.001								
Silver	2018-10	mg/L	<0.001	<0.001	<0.001					<0.001	<0.001					<0.001	<0.001	
Silver	2019-01	mg/L								<0.001								
Silver	2019-03	mg/L	<0.001	<0.001	<0.001					<0.001	<0.001					<0.001	<0.001	
Silver	2019-05	mg/L		<0.0005						<0.0005								
Silver	2019-10	mg/L	<0.001	<0.001	<0.001					<0.001	<0.001					<0.001	<0.001	
Silver	2020-03	mg/L	<0.001	<0.001	<0.001					<0.001	<0.001					<0.001	<0.001	
Silver	2020-09	mg/L	<0.001	<0.001	<0.001					<0.001	<0.001					<0.001	<0.001	
Silver	2020-11	mg/L																
Silver	2020-12	mg/L																
Silver	2021-03	mg/L	<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															
Silver	2021-08	mg/L						<0.001	<0.001									
Silver	2021-10	mg/L	<0.001	<0.001	<0.001			<0.001	<0.001	<0.001	~~<0.001~~							
Silver	2021-12	mg/L	<0.001															
Silver	2022-02	mg/L						<0.001	<0.001									
Silver	2022-04	mg/L	<0.007	<0.001	<0.001			<0.001	<0.001	<0.001	<0.001							
Silver	2022-07	mg/L																
Silver	2022-10	mg/L	<0.001	<0.001	<0.001			<0.001	<0.001	<0.001	~~<0.001~~							
Silver	2023-04	mg/L	<0.001	<0.001	<0.001			<0.001	<0.001	<0.001	~~<0.001~~							
Silver	2023-05	mg/L																

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Table 20
Analytical Data Summary
2025 Annual Water Quality Report

Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
Silver	2023-06	mg/L	<0.001			<0.001												
Silver	2023-10	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	~~0.00126 o~~	<0.001	<0.001	<0.001	<0.001				<0.001	~~0.00116 o~~	<0.001
Silver	2024-04	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	<0.001
Silver	2024-05	mg/L																
Silver	2024-09	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	< 0.001	< 0.001
Silver	2025-03	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	< 0.001	< 0.001
Silver	2025-08	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	< 0.001	< 0.001
Styrene	2008-01	ug/L					~~< 1~~	~~< 1~~	~~< 1.00~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~			
Styrene	2008-03	ug/L					~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~			
Styrene	2008-08	ug/L					~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~			
Styrene	2008-09	ug/L					~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~			
Styrene	2008-10	ug/L					~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~			
Styrene	2009-03	ug/L					~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~			
Styrene	2009-06	ug/L					~~< 5.00~~	~~< 1~~	~~< 1~~	~~< 1.00~~	~~< 1~~			~~< 1.00~~				
Styrene	2009-09	ug/L					~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~			
Styrene	2009-12	ug/L					~~< 5.00~~	~~< 5.00~~	~~< 5.00~~	~~< 2.00~~	~~< 2.00~~			~~< 2.00~~				
Styrene	2010-03	ug/L					~~< 2.00~~	~~< 2.00~~	~~< 5.00~~	~~< 5.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 5.00~~	~~< 2.00~~			
Styrene	2010-06	ug/L										~~< 1.00~~				~~< 1.00~~	~~< 1.00~~	~~< 1.00~~
Styrene	2010-08	ug/L										~~< 4.00~~	~~< 4.00~~			~~< 4.00~~	~~< 4.00~~	~~< 4.00~~
Styrene	2010-09	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~~
Styrene	2010-12	ug/L										~~< 1.00~~				~~< 1.00~~	~~< 1.00~~	~~< 1.00~~
Styrene	2011-03	ug/L		~~< 1.00~~			~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 10.0~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~
Styrene	2011-04	ug/L					~~< 1.00~~		~~< 1.00~~	~~< 10.0~~	~~< 1.00~~						~~< 1.00~~	
Styrene	2011-06	ug/L		~~< 1.00~~									~~< 1.00~~		~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	
Styrene	2011-07	ug/L	~~< 1.00~~															
Styrene	2011-08	ug/L		~~< 1.00~~														
Styrene	2011-09	ug/L	~~< 1.00~~	~~< 1.00~~			~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 10.0~~	~~< 1.00~~	~~< 1.00~~		~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~
Styrene	2011-12	ug/L	~~< 1.00~~	~~< 1.00~~											~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	
Styrene	2012-03	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~~	~~< 1.00~~	~~< 1.00~~
Styrene	2012-06	ug/L																
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	2013-03	ug/L	~~< 1.00~~	~~< 1.00~~			~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 10.0~~	~~< 1.00~~	~~< 1.00~~		~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~
Styrene	2013-06	ug/L																
Styrene	2013-09	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~~	~~< 1.00~~
Styrene	2013-11	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~~	~~< 1.00~~	~~< 1.00~~
Styrene	2014-06	ug/L																
Styrene	2014-09	ug/L	~~< 1~~	~~< 1~~			~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1~~
Styrene	2014-12	ug/L															~~< 1.00~~	
Styrene	2015-04	ug/L	< 1.00	< 1			< 1	< 1.00	< 1	< 1	< 1	< 1.00	< 1.00			< 1.00	< 1	< 1
Styrene	2015-10	ug/L	<1	<1			<1	<1	<1	<1	<1	<1				<1	<1	<1
Styrene	2016-04	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Styrene	2016-10	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Styrene	2017-03	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Styrene	2017-10	ug/L	<1	<1			<1	<1	<1	<1	<1	<1				<1	<1	<1
Styrene	2017-12	ug/L					<1					<1						<1
Styrene	2018-04	ug/L	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Styrene	2018-07	ug/L											<1					
Styrene	2018-10	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Styrene	2019-01	ug/L																
Styrene	2019-03	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Styrene	2019-05	ug/L																
Styrene	2019-10	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Styrene	2020-03	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Styrene	2020-09	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Styrene	2021-03	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Styrene	2021-05	ug/L																
Styrene	2021-08	ug/L																

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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
Silver	2023-06	mg/L																
Silver	2023-10	mg/L	<0.001	<0.001	<0.001			<0.001	<0.001	<0.001	<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						<0.001				<0.001	<0.001	<0.001	<0.001			<0.001
Silver	2024-09	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	< 0.001	< 0.001
Silver	2025-03	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	< 0.001	< 0.001
Silver	2025-08	mg/L	< 0.001	< 0.001	< 0.001			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	**0.0014**	< 0.001	< 0.001
Styrene	2008-01	ug/L																
Styrene	2008-03	ug/L																
Styrene	2008-08	ug/L																
Styrene	2008-09	ug/L																
Styrene	2008-10	ug/L																
Styrene	2009-03	ug/L																
Styrene	2009-06	ug/L																
Styrene	2009-09	ug/L																
Styrene	2009-12	ug/L																
Styrene	2010-03	ug/L																
Styrene	2010-06	ug/L	~~< 1.00~~	~~< 1.00~~														
Styrene	2010-08	ug/L	~~< 4.00~~	~~< 4.00~~														
Styrene	2010-09	ug/L	~~< 4.00~~	~~< 4.00~~														
Styrene	2010-12	ug/L	~~< 1.00~~	~~< 1.00~~														
Styrene	2011-03	ug/L	~~< 1.00~~	~~< 1.00~~														
Styrene	2011-04	ug/L																
Styrene	2011-06	ug/L																
Styrene	2011-07	ug/L																
Styrene	2011-08	ug/L																
Styrene	2011-09	ug/L	~~< 1.00~~	~~< 1.00~~														
Styrene	2011-12	ug/L																
Styrene	2012-03	ug/L	~~< 1.00~~	~~< 1.00~~														
Styrene	2012-06	ug/L									~~< 1.00~~	~~< 1.00~~		~~< 1.00~~		~~< 1.00~~	~~< 1.00~~	
Styrene	2012-10	ug/L																
Styrene	2013-03	ug/L	~~< 1.00~~								~~< 1.00~~							
Styrene	2013-06	ug/L			~~< 1.00~~													
Styrene	2013-09	ug/L	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~						~~< 1.00~~							
Styrene	2013-11	ug/L			~~< 1.00~~													
Styrene	2014-03	ug/L	~~< 1.00~~		~~< 1.00~~						~~< 1.00~~							
Styrene	2014-06	ug/L		~~< 1.00~~	~~< 1.00~~													
Styrene	2014-09	ug/L	~~< 1~~	~~< 1~~	~~< 1~~						~~< 1~~							
Styrene	2014-12	ug/L																
Styrene	2015-04	ug/L	< 1.00	< 1.00	< 1.00						< 1							
Styrene	2015-10	ug/L	<1	<1	<1						<1					<1	<1	
Styrene	2016-04	ug/L	<1	<1	<1						<1					<1	<1	
Styrene	2016-10	ug/L	<1	<1	<1						<1					<1	<1	
Styrene	2017-03	ug/L	<1	<1	<1						<1					<1	<1	
Styrene	2017-10	ug/L	<1	<1	<1						<1					<1	<1	
Styrene	2017-12	ug/L			<1													
Styrene	2018-04	ug/L	<1	<1	<1						<1					<1	<1	
Styrene	2018-07	ug/L								<1								
Styrene	2018-10	ug/L	<1	<1	<1					<1	<1					<1	<1	
Styrene	2019-01	ug/L								<1								
Styrene	2019-03	ug/L	<1	<1	<1					<1	<1					<1	<1	
Styrene	2019-05	ug/L		<1						<1								
Styrene	2019-10	ug/L	<1	<1	<1					<1	<1					<1	<1	
Styrene	2020-03	ug/L	<1	<1	<1					<1	<1					<1	<1	
Styrene	2020-09	ug/L	<1	<1	<1					<1	<1					<1	<1	
Styrene	2021-03	ug/L	<1	<1	<1			<1	<1	<1	<1					<1	<1	
Styrene	2021-05	ug/L	<1															
Styrene	2021-08	ug/L						<1	<1									

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
Styrene	2021-10	ug/L	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Styrene	2021-12	ug/L																
Styrene	2022-02	ug/L	<1		<1	<1												
Styrene	2022-04	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Styrene	2022-07	ug/L			<1	<1												
Styrene	2022-10	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				<1	<1	<1
Styrene	2023-04	ug/L	<1	<1		<1	<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Styrene	2023-05	ug/L			<1													
Styrene	2023-10	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				<1	<1	<1
Styrene	2024-04	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Styrene	2024-09	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1			< 1	< 1	< 1
Styrene	2025-03	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1			< 1	< 1	< 1
Styrene	2025-08	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1			< 1	< 1	< 1
Sulfide	2009-03	mg/L						~~< 5~~	~~< 5~~	~~< 5~~								
Sulfide	2009-06	mg/L					~~< 1.0~~	~~< 1~~	~~< 1~~	**~~2.2~~**	~~< 1~~			~~< 1.0~~				
Sulfide	2009-09	mg/L					~~< 1.0~~	~~< 1.0~~	~~< 1.0~~	~~< 1.0~~	~~< 1.0~~			~~< 1.0~~				
Sulfide	2009-12	mg/L					~~< 1.0~~	~~< 1.0~~	~~< 1.0~~	~~< 1.0~~	~~< 1.0~~			~~< 1.0~~				
Sulfide	2010-03	mg/L					~~< 1.0~~			**~~5.2~~**	~~< 1.0~~			~~< 1.0~~				
Sulfide	2010-06	mg/L										~~< 1.0~~						
Sulfide	2010-08	mg/L										~~< 1.0~~	~~< 1.0~~					
Sulfide	2010-09	mg/L					~~< 1.0~~	~~< 1.0~~	~~< 1.0~~	**~~4.3~~**	~~< 1.0~~	~~< 1.0~~	~~< 1.0~~	~~< 1.0~~				
Sulfide	2010-12	mg/L										~~< 1.0~~						
Sulfide	2011-03	mg/L								**~~11~~**			~~< 1.0~~		**~~0.48~~**			
Sulfide	2011-06	mg/L											~~< 1.0~~		**~~0.46~~**	~~< 1.0~~	~~< 1.0~~	
Sulfide	2011-09	mg/L					**~~0.5~~**	~~< 1.0~~	~~< 1.0~~	**~~4.6~~**	~~< 1.0~~	~~< 1.0~~		**~~1.2~~**	**~~0.78~~**	**~~2.5~~**	~~< 1.0~~	
Sulfide	2011-12	mg/L													~~< 1.0~~	~~< 1.0~~	~~< 1.0~~	
Sulfide	2012-03	mg/L					~~< 1.0~~			~~< 1.0~~				~~< 1.0~~	~~< 1.0~~	~~< 1.0~~	~~< 1.0~~	
Sulfide	2012-10	mg/L					~~< 1.0~~			**~~2.6~~**				~~< 1.0~~	~~< 1.0~~	~~< 1.0~~		
Sulfide	2013-03	mg/L					~~< 1.00~~			~~< 1.00~~				~~< 1.00~~	~~< 1.00~~	~~< 1.00~~		
Sulfide	2013-09	mg/L					~~< 1.00~~			**~~6.91~~**				**~~2.51~~**		~~< 1.00~~		
Sulfide	2013-12	mg/L								**~~2.36~~**								
Sulfide	2014-03	mg/L								**~~13.3~~**				~~< 1.00~~				
Sulfide	2014-06	mg/L								**~~5.21~~**								
Sulfide	2014-09	mg/L								**~~4.5~~**				~~< 1.00~~				
Sulfide	2014-12	mg/L															~~< 1.00~~	
Sulfide	2015-04	mg/L								**1.32**								
Sulfide	2015-10	mg/L								**3.05**								
Sulfide	2016-04	mg/L								**1.95**								
Sulfide	2016-10	mg/L							<1	<1	<1					<1	<1	
Sulfide	2017-03	mg/L								<1						<1		
Sulfide	2017-10	mg/L						**0.294 J**		**5.92**						**3.51**		
Sulfide	2017-12	mg/L					<1					<1						<1
Sulfide	2018-04	mg/L								**2**						<1		
Sulfide	2018-07	mg/L											<1					
Sulfide	2018-10	mg/L								**2.05**			<1			<1		
Sulfide	2019-03	mg/L								**2.86**						<1		
Sulfide	2019-05	mg/L																
Sulfide	2019-10	mg/L								**3.55**	**0.00501 J**					<1		
Sulfide	2020-03	mg/L								**2.46**								
Sulfide	2020-03	mg/L																
Sulfide	2020-09	mg/L								**16.4**						<10		
Sulfide	2021-03	mg/L								<10						<10		
Sulfide	2021-10	mg/L							<1	<1	<1					<1	<0.2	
Sulfide	2021-12	mg/L																
Sulfide	2022-04	mg/L																
Sulfide	2022-10	mg/L					<1	<1				<1						<1
Sulfide	2023-04	mg/L																
Sulfide	2023-10	mg/L																

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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
Styrene	2021-10	ug/L	<1	<1	<1			<1	<1	<1	<1							
Styrene	2021-12	ug/L	<1															
Styrene	2022-02	ug/L						<1	<1									
Styrene	2022-04	ug/L	<1	<1	<1			<1	<1	<1	<1							
Styrene	2022-07	ug/L																
Styrene	2022-10	ug/L	<1	<1	<1			<1	<1	<1	<1							
Styrene	2023-04	ug/L	<1	<1	<1			<1	<1	<1	<1							
Styrene	2023-05	ug/L																
Styrene	2023-10	ug/L	<1	<1	<1			<1	<1	<1	<1							
Styrene	2024-04	ug/L	<1	<1	<1			<1	<1	<1	<1							
Styrene	2024-09	ug/L	< 1	< 1	< 1			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Styrene	2025-03	ug/L	< 1	< 1	< 1			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Styrene	2025-08	ug/L	< 1	< 1	< 1			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Sulfide	2009-03	mg/L																
Sulfide	2009-06	mg/L																
Sulfide	2009-09	mg/L																
Sulfide	2009-12	mg/L																
Sulfide	2010-03	mg/L																
Sulfide	2010-06	mg/L																
Sulfide	2010-08	mg/L																
Sulfide	2010-09	mg/L																
Sulfide	2010-12	mg/L																
Sulfide	2011-03	mg/L																
Sulfide	2011-06	mg/L																
Sulfide	2011-09	mg/L																
Sulfide	2011-12	mg/L																
Sulfide	2012-03	mg/L																
Sulfide	2012-10	mg/L																
Sulfide	2013-03	mg/L									~~6.85~~							
Sulfide	2013-09	mg/L									~~5.11~~					~~< 1.00~~	~~< 1.00~~	
Sulfide	2013-12	mg/L																
Sulfide	2014-03	mg/L									~~1.25~~					~~< 1.00~~	~~< 1.00~~	
Sulfide	2014-06	mg/L																
Sulfide	2014-09	mg/L									~~< 1~~					~~< 1~~	~~< 1~~	
Sulfide	2014-12	mg/L																
Sulfide	2015-04	mg/L									< 1							
Sulfide	2015-10	mg/L									<1					<1	<1	
Sulfide	2016-04	mg/L									<1					<1	<1	
Sulfide	2016-10	mg/L									<1					<1	<1	
Sulfide	2017-03	mg/L									<1					<1	<1	
Sulfide	2017-10	mg/L									<1					<1	<1	
Sulfide	2017-12	mg/L			<1													
Sulfide	2018-04	mg/L																
Sulfide	2018-07	mg/L								<1								
Sulfide	2018-10	mg/L								<1	<1					<1	<1	
Sulfide	2019-03	mg/L								<1	<1					**4.42**	<1	
Sulfide	2019-05	mg/L		<1														
Sulfide	2019-10	mg/L								<1	<1					<1	<1	
Sulfide	2020-03	mg/L																
Sulfide	2020-03	mg/L								<1	**0.482 J**					<1	<1	
Sulfide	2020-09	mg/L								<10	~~<10 o~~					<10	<10	
Sulfide	2021-03	mg/L								<10	~~**23.2 o**~~					<10	<10	
Sulfide	2021-10	mg/L								<1	<0.2							
Sulfide	2021-12	mg/L	<1															
Sulfide	2022-04	mg/L								<1	<1							
Sulfide	2022-10	mg/L			<1					<1	<1							
Sulfide	2023-04	mg/L								<1	<1							
Sulfide	2023-10	mg/L								<1	<1							

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
Sulfide	2024-04	mg/L											<1					
Sulfide	2024-09	mg/L																
Sulfide	2025-03	mg/L																
Technical Chlordane	2009-03	ug/L						~~< 2~~	~~< 2~~	~~< 2~~								
Technical Chlordane	2009-06	ug/L					~~< 2.00~~	~~< 2~~	~~< 2~~	~~< 2.00~~	~~< 2~~			~~< 2.00~~				
Technical Chlordane	2009-09	ug/L					~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~			~~< 2.00~~				
Technical Chlordane	2009-12	ug/L					~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~			~~< 2.00~~				
Technical Chlordane	2010-03	ug/L					~~< 2.00~~				~~< 2.00~~			~~< 2.00~~				
Technical Chlordane	2010-06	ug/L										~~< 2.00~~						
Technical Chlordane	2010-08	ug/L										~~< 2.00~~	~~< 2.00~~					
Technical Chlordane	2010-09	ug/L					~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~				
Technical Chlordane	2010-12	ug/L										~~< 2.00~~						
Technical Chlordane	2011-03	ug/L						~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~			
Technical Chlordane	2011-06	ug/L											~~< 2.00~~		~~< 2.00~~	~~< 2.45~~	~~< 2.00~~	
Technical Chlordane	2011-09	ug/L					~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~		~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	
Technical Chlordane	2011-12	ug/L													~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	
Technical Chlordane	2012-03	ug/L														~~< 2.00~~	~~< 2.00~~	
Technical Chlordane	2014-12	ug/L															~~< 2.20~~	
Technical Chlordane	2016-10	ug/L							<2.06	<2	<2.15					<2.06	<2.06	
Technical Chlordane	2017-10	ug/L						<2.08										
Technical Chlordane	2017-12	ug/L					<2.08					<2.08						<2.08
Technical Chlordane	2018-07	ug/L											<2.08					
Technical Chlordane	2018-10	ug/L											<2.06					
Technical Chlordane	2019-05	ug/L																
Technical Chlordane	2021-10	ug/L							<2.11	<2.11	<2.11					<2.11	<2.11	
Technical Chlordane	2021-12	ug/L																
Technical Chlordane	2022-10	ug/L					<1.69	<1.75				<1.69						<1.82
Technical Chlordane	2023-04	ug/L									<2							
Technical Chlordane	2024-04	ug/L											<2					
Tetrachloroethene	2008-01	ug/L					~~< 1~~	~~< 1~~	~~< 1.00~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~			
Tetrachloroethene	2008-03	ug/L					~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~			
Tetrachloroethene	2008-08	ug/L					~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~			
Tetrachloroethene	2008-09	ug/L					~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~			
Tetrachloroethene	2008-10	ug/L					~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~			
Tetrachloroethene	2009-03	ug/L					~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~			
Tetrachloroethene	2009-06	ug/L					~~5.2~~	~~< 1~~	~~< 1~~	~~< 1.00~~	~~< 1~~			~~< 1.00~~				
Tetrachloroethene	2009-09	ug/L					~~< 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~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~			~~< 1.00~~				
Tetrachloroethene	2010-03	ug/L					~~< 2.00~~	~~< 2.00~~	~~< 5.00~~	~~< 5.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 5.00~~	~~< 2.00~~			
Tetrachloroethene	2010-06	ug/L										~~< 1.00~~				~~< 1.00~~	~~< 1.00~~	~~< 1.00~~
Tetrachloroethene	2010-08	ug/L										~~< 1.00~~	~~< 1.00~~			~~< 1.00~~	~~< 1.00~~	~~< 1.00~~
Tetrachloroethene	2010-09	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~~
Tetrachloroethene	2010-12	ug/L										~~< 1.00~~				~~< 1.00~~	~~< 1.00~~	~~< 1.00~~
Tetrachloroethene	2011-03	ug/L		~~< 1.00~~			~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 10.0~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~
Tetrachloroethene	2011-04	ug/L					~~< 1.00~~		~~< 1.00~~	~~< 10.0~~	~~< 1.00~~						~~< 1.00~~	
Tetrachloroethene	2011-06	ug/L		~~< 1.00~~									~~< 1.00~~		~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	
Tetrachloroethene	2011-07	ug/L	~~< 1.00~~															
Tetrachloroethene	2011-08	ug/L		~~< 1.00~~														
Tetrachloroethene	2011-09	ug/L	~~< 1.00~~	~~< 1.00~~			~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 10.0~~	~~< 1.00~~	~~< 1.00~~		~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~
Tetrachloroethene	2011-12	ug/L	~~< 1.00~~	~~< 1.00~~											~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	
Tetrachloroethene	2012-03	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~~	~~< 1.00~~	~~< 1.00~~
Tetrachloroethene	2012-06	ug/L																
Tetrachloroethene	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~~
Tetrachloroethene	2013-03	ug/L	~~< 1.00~~	~~< 1.00~~			~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 10.0~~	~~< 1.00~~	~~< 1.00~~		~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~
Tetrachloroethene	2013-06	ug/L																
Tetrachloroethene	2013-09	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~~	~~< 1.00~~
Tetrachloroethene	2013-11	ug/L																
Tetrachloroethene	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~~	~~< 1.00~~	~~< 1.00~~

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Table 20
Analytical Data Summary
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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
Sulfide	2024-04	mg/L		<1						<1	<1							
Sulfide	2024-09	mg/L								< 1	< 1							
Sulfide	2025-03	mg/L								< 1	< 1							
Technical Chlordane	2009-03	ug/L																
Technical Chlordane	2009-06	ug/L																
Technical Chlordane	2009-09	ug/L																
Technical Chlordane	2009-12	ug/L																
Technical Chlordane	2010-03	ug/L																
Technical Chlordane	2010-06	ug/L																
Technical Chlordane	2010-08	ug/L																
Technical Chlordane	2010-09	ug/L																
Technical Chlordane	2010-12	ug/L																
Technical Chlordane	2011-03	ug/L																
Technical Chlordane	2011-06	ug/L																
Technical Chlordane	2011-09	ug/L																
Technical Chlordane	2011-12	ug/L																
Technical Chlordane	2012-03	ug/L																
Technical Chlordane	2014-12	ug/L																
Technical Chlordane	2016-10	ug/L									<2.08					<2.08	<2.08	
Technical Chlordane	2017-10	ug/L																
Technical Chlordane	2017-12	ug/L			<2.08													
Technical Chlordane	2018-07	ug/L								<2.02								
Technical Chlordane	2018-10	ug/L								<2.06								
Technical Chlordane	2019-05	ug/L		<2.04														
Technical Chlordane	2021-10	ug/L																
Technical Chlordane	2021-12	ug/L	<2.11															
Technical Chlordane	2022-10	ug/L			<1.69													
Technical Chlordane	2023-04	ug/L	<2															
Technical Chlordane	2024-04	ug/L		<2														
Tetrachloroethene	2008-01	ug/L																
Tetrachloroethene	2008-03	ug/L																
Tetrachloroethene	2008-08	ug/L																
Tetrachloroethene	2008-09	ug/L																
Tetrachloroethene	2008-10	ug/L																
Tetrachloroethene	2009-03	ug/L																
Tetrachloroethene	2009-06	ug/L																
Tetrachloroethene	2009-09	ug/L																
Tetrachloroethene	2009-12	ug/L																
Tetrachloroethene	2010-03	ug/L																
Tetrachloroethene	2010-06	ug/L	~~< 1.00~~	~~< 1.00~~														
Tetrachloroethene	2010-08	ug/L	~~< 1.00~~	~~< 1.00~~														
Tetrachloroethene	2010-09	ug/L	~~< 1.00~~	~~< 1.00~~														
Tetrachloroethene	2010-12	ug/L	~~< 1.00~~	~~< 1.00~~														
Tetrachloroethene	2011-03	ug/L	~~< 1.00~~	~~< 1.00~~														
Tetrachloroethene	2011-04	ug/L																
Tetrachloroethene	2011-06	ug/L																
Tetrachloroethene	2011-07	ug/L																
Tetrachloroethene	2011-08	ug/L																
Tetrachloroethene	2011-09	ug/L	~~< 1.00~~	~~< 1.00~~														
Tetrachloroethene	2011-12	ug/L																
Tetrachloroethene	2012-03	ug/L	~~< 1.00~~	~~< 1.00~~														
Tetrachloroethene	2012-06	ug/L									~~< 1.00~~	~~< 1.00~~		~~< 1.00~~		~~< 1.00~~	~~< 1.00~~	
Tetrachloroethene	2012-10	ug/L																
Tetrachloroethene	2013-03	ug/L	~~< 1.00~~								~~< 1.00~~							
Tetrachloroethene	2013-06	ug/L			~~< 1.00~~													
Tetrachloroethene	2013-09	ug/L	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~						~~< 1.00~~							
Tetrachloroethene	2013-11	ug/L			~~< 1.00~~													
Tetrachloroethene	2014-03	ug/L	~~< 1.00~~		~~< 1.00~~						~~< 1.00~~							

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
Tetrachloroethene	2014-06	ug/L																
Tetrachloroethene	2014-09	ug/L	~~< 1~~	~~< 1~~			~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1~~
Tetrachloroethene	2014-12	ug/L															~~< 1.00~~	
Tetrachloroethene	2015-04	ug/L	< 1.00	< 1			< 1	< 1.00	< 1	< 1	< 1	< 1.00	< 1.00			< 1.00	< 1	< 1
Tetrachloroethene	2015-10	ug/L	<1	<1			<1	<1	<1	<1	<1	<1				<1	<1	<1
Tetrachloroethene	2016-04	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Tetrachloroethene	2016-10	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Tetrachloroethene	2017-03	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Tetrachloroethene	2017-10	ug/L	<1	<1			<1	<1	<1	<1	<1	<1				<1	<1	<1
Tetrachloroethene	2017-12	ug/L					<1					<1						<1
Tetrachloroethene	2018-04	ug/L	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Tetrachloroethene	2018-07	ug/L											<1					
Tetrachloroethene	2018-10	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Tetrachloroethene	2019-01	ug/L																
Tetrachloroethene	2019-03	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Tetrachloroethene	2019-05	ug/L																
Tetrachloroethene	2019-10	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Tetrachloroethene	2020-03	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Tetrachloroethene	2020-09	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<10	<1	<1
Tetrachloroethene	2021-03	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Tetrachloroethene	2021-05	ug/L																
Tetrachloroethene	2021-08	ug/L																
Tetrachloroethene	2021-10	ug/L	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Tetrachloroethene	2021-12	ug/L																
Tetrachloroethene	2022-02	ug/L	<1		<1	<1												
Tetrachloroethene	2022-04	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Tetrachloroethene	2022-07	ug/L			<1	<1												
Tetrachloroethene	2022-10	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				<1	<1	<1
Tetrachloroethene	2023-04	ug/L	<1	<1		<1	<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Tetrachloroethene	2023-05	ug/L			<1													
Tetrachloroethene	2023-10	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				<1	<1	<1
Tetrachloroethene	2024-04	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Tetrachloroethene	2024-09	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1			< 1	< 1	< 1
Tetrachloroethene	2025-03	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1			< 1	< 1	< 1
Tetrachloroethene	2025-08	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1			< 1	< 1	< 1
Thallium	2012-10	mg/L	~~< 0.00200~~	~~< 0.00200~~			~~< 0.00200~~	~~< 0.00200~~	~~< 0.00200~~	~~< 0.00200~~	~~< 0.00200~~			~~< 0.00200~~	~~< 0.00200~~	~~< 0.00200~~	~~< 0.00200~~	~~< 0.00200~~
Thallium	2013-03	mg/L	~~< 0.00200~~	~~< 0.00200~~			~~< 0.00200~~	~~< 0.00200~~	~~< 0.00200~~	~~< 0.00200~~	~~< 0.00200~~	~~< 0.00200~~		~~< 0.00200~~	~~< 0.00200~~	~~< 0.00200~~	~~< 0.00200~~	~~< 0.00200~~
Thallium	2013-06	mg/L																
Thallium	2013-09	mg/L	~~< 0.00200~~	~~< 0.00200~~			~~< 0.00200~~	**~~0.00105~~**	~~< 0.00200~~	~~< 0.00200~~	~~< 0.00200~~	~~< 0.00200~~		~~< 0.00200~~	~~< 0.00200~~	~~< 0.00200~~	~~< 0.00200~~	~~< 0.00200~~
Thallium	2013-11	mg/L																
Thallium	2014-03	mg/L	~~< 0.00200~~	~~< 0.00200~~			~~< 0.00200~~	~~< 0.00200~~	~~< 0.00200~~	~~< 0.00200~~	~~< 0.00200~~	~~< 0.00200~~	~~< 0.00200~~	~~< 0.00200~~	~~< 0.00200~~	~~< 0.00200~~	~~< 0.00200~~	~~< 0.00200~~
Thallium	2014-06	mg/L																
Thallium	2014-09	mg/L	~~< 0.001~~	~~< 0.001~~			~~< 0.00100~~	**~~0.000073~~**	**~~0.000041~~**	~~< 0.00100~~	~~< 0.001~~	~~< 0.001~~	~~< 0.001~~	~~< 0.00100~~	~~< 0.00100~~	**~~0.000037~~**	~~< 0.00100~~	**~~0.000037~~**
Thallium	2014-12	mg/L															~~< 0.00100~~	
Thallium	2015-04	mg/L	< 0.00100	< 0.001			< 0.002	**0.00008**	< 0.001	< 0.001	< 0.001	< 0.00100	~~< 0.001~~ o			< 0.00100	< 0.001	< 0.001
Thallium	2015-10	mg/L	**0.000048 J**	<0.002			<0.002	**0.000152 J**	<0.002	<0.002	<0.002	**0.000051 J**				**0.000056 J**	<0.002	<0.002
Thallium	2016-04	mg/L	<0.001	<0.001			<0.001	**0.000051 J**	<0.001	<0.001	<0.001	<0.001	<0.001			**0.000027 J**	<0.001	<0.001
Thallium	2016-10	mg/L	<0.001	<0.001			<0.001	**0.000084 J**	<0.001	<0.001	<0.001	<0.001	<0.001			**0.000034 J**	<0.001	<0.001
Thallium	2017-03	mg/L	<0.001	<0.001			<0.001	<0.001	**0.000071 J**	<0.001	<0.001	<0.001	<0.001			<0.001	<0.001	<0.001
Thallium	2017-10	mg/L	<0.001	<0.001			<0.001	**0.000093 J**	<0.001	<0.001	<0.001	**0.00007 J**				<0.001	<0.001	<0.001
Thallium	2017-12	mg/L					<0.001					<0.001						<0.001
Thallium	2018-04	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
Thallium	2018-07	mg/L											<0.001					
Thallium	2018-10	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	2019-01	mg/L																
Thallium	2019-03	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	2019-05	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

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Table 20
Analytical Data Summary
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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
Tetrachloroethene	2014-06	ug/L		~~< 1.00~~	~~< 1.00~~													
Tetrachloroethene	2014-09	ug/L	~~< 1~~	~~< 1~~	~~< 1~~						~~< 1~~							
Tetrachloroethene	2014-12	ug/L																
Tetrachloroethene	2015-04	ug/L	< 1.00	< 1.00	< 1.00						< 1							
Tetrachloroethene	2015-10	ug/L	<1	<1	<1						<1					<1	<1	
Tetrachloroethene	2016-04	ug/L	<1	<1	<1						<1					<1	<1	
Tetrachloroethene	2016-10	ug/L	<1	<1	<1						<1					<1	<1	
Tetrachloroethene	2017-03	ug/L	<1	<1	<1						<1					<1	<1	
Tetrachloroethene	2017-10	ug/L	<1	<1	<1						<1					<1	<1	
Tetrachloroethene	2017-12	ug/L			<1													
Tetrachloroethene	2018-04	ug/L	<1	<1	<1						<1					<1	<1	
Tetrachloroethene	2018-07	ug/L								<1								
Tetrachloroethene	2018-10	ug/L	<1	<1	<1					<1	<1					<1	<1	
Tetrachloroethene	2019-01	ug/L								<1								
Tetrachloroethene	2019-03	ug/L	<1	<1	<1					<1	<1					<1	<1	
Tetrachloroethene	2019-05	ug/L		<1						<1								
Tetrachloroethene	2019-10	ug/L	<1	<1	<1					<1	<1					<1	<1	
Tetrachloroethene	2020-03	ug/L	<1	<1	<1					<1	<1					<1	<1	
Tetrachloroethene	2020-09	ug/L	<1	<1	<1					<1	<1					<1	<1	
Tetrachloroethene	2021-03	ug/L	<1	<1	<1			<1	<1	<1	<1					<1	<1	
Tetrachloroethene	2021-05	ug/L	<1															
Tetrachloroethene	2021-08	ug/L						<1	<1									
Tetrachloroethene	2021-10	ug/L	<1	<1	<1			<1	<1	<1	<1							
Tetrachloroethene	2021-12	ug/L	<1															
Tetrachloroethene	2022-02	ug/L						<1	<1									
Tetrachloroethene	2022-04	ug/L	<1	<1	<1			<1	<1	<1	<1							
Tetrachloroethene	2022-07	ug/L																
Tetrachloroethene	2022-10	ug/L	<1	<1	<1			<1	<1	<1	<1							
Tetrachloroethene	2023-04	ug/L	<1	<1	<1			<1	<1	<1	<1							
Tetrachloroethene	2023-05	ug/L																
Tetrachloroethene	2023-10	ug/L	<1	<1	<1			<1	<1	<1	<1							
Tetrachloroethene	2024-04	ug/L	<1	<1	<1			<1	<1	<1	<1							
Tetrachloroethene	2024-09	ug/L	< 1	< 1	< 1			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Tetrachloroethene	2025-03	ug/L	< 1	< 1	< 1			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Tetrachloroethene	2025-08	ug/L	< 1	< 1	< 1			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Thallium	2012-10	mg/L									~~< 0.00200~~			~~< 0.00200~~		~~< 0.00200~~	~~< 0.00400~~	
Thallium	2013-03	mg/L	~~< 0.00200~~								~~< 0.00200~~					~~< 0.00200~~	~~< 0.00200~~	
Thallium	2013-06	mg/L			~~< 0.00200~~													
Thallium	2013-09	mg/L	~~< 0.00200~~	~~< 0.00200~~	~~< 0.00200~~						~~< 0.00200~~					~~< 0.00200~~	~~< 0.00200~~	
Thallium	2013-11	mg/L			~~< 0.00200~~													
Thallium	2014-03	mg/L	~~< 0.00200~~		~~< 0.00200~~						~~< 0.00200~~					~~< 0.00200~~	~~< 0.00200~~	
Thallium	2014-06	mg/L		~~< 0.00200~~	**~~0.00498~~**													
Thallium	2014-09	mg/L	~~< 0.001~~	~~< 0.001~~	**~~0.000044~~**						**~~0.000058~~**					~~< 0.001~~	~~< 0.001~~	
Thallium	2014-12	mg/L																
Thallium	2015-04	mg/L	< 0.00100	< 0.00100	< 0.00100						**0.000082**					< 0.00100	< 0.00100	
Thallium	2015-10	mg/L	<0.002	**0.000045 J**	<0.002						<0.002					<0.002	<0.002	
Thallium	2016-04	mg/L	<0.001	<0.001	<0.001						**0.000119 J**					<0.001	<0.001	
Thallium	2016-10	mg/L	<0.001	<0.001	<0.001						**0.000059 J**					<0.001	<0.001	
Thallium	2017-03	mg/L	<0.001	<0.001	<0.001						<0.001					<0.001	<0.001	
Thallium	2017-10	mg/L	<0.001	<0.001	<0.001						<0.001					<0.001	<0.001	
Thallium	2017-12	mg/L			<0.001													
Thallium	2018-04	mg/L	<0.001	<0.001	<0.001						<0.001					<0.001	<0.001	
Thallium	2018-07	mg/L								<0.001								
Thallium	2018-10	mg/L	<0.001	<0.001	<0.001					<0.001	<0.001					<0.001	<0.001	
Thallium	2019-01	mg/L								<0.001								
Thallium	2019-03	mg/L	<0.001	<0.001	<0.001					<0.001	<0.001					<0.001	<0.001	
Thallium	2019-05	mg/L		<0.002						~~<0.002 o~~								
Thallium	2019-10	mg/L	<0.001	<0.001	<0.001					<0.001	<0.001					<0.001	<0.001	

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
Thallium	2020-03	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	2020-09	mg/L	<0.001	<0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			<1	<0.001	<0.001
Thallium	2020-11	mg/L	<0.001															
Thallium	2020-12	mg/L	<0.001															
Thallium	2021-03	mg/L	**0.000817 J**	<0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			**0.00102**	<0.001	<0.001
Thallium	2021-05	mg/L																
Thallium	2021-08	mg/L																
Thallium	2021-10	mg/L	<0.001	<0.001	<0.001		<0.001	**0.00033 J**	<0.001	<0.001	<0.001	<0.001	<0.001			<0.001	<0.001	<0.001
Thallium	2021-12	mg/L																
Thallium	2022-02	mg/L	<0.001		<0.001	<0.001												
Thallium	2022-04	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	<0.001
Thallium	2022-07	mg/L			<0.001	<0.001												
Thallium	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	<0.001
Thallium	2023-04	mg/L	~~**0.00198 o**~~	<0.001		~~**0.00249 o**~~	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			<0.001	<0.001	<0.001
Thallium	2023-05	mg/L			<0.001													
Thallium	2023-06	mg/L	<0.001			<0.001												
Thallium	2023-10	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	~~**0.0129 o**~~	<0.001	<0.001	<0.001	<0.001				**0.00079 J**	~~**0.0129 o**~~	<0.001
Thallium	2024-04	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	~~< 0.001 o~~			<0.001	<0.001	<0.001
Thallium	2024-05	mg/L																
Thallium	2024-09	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	**0.000583 J**	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001	< 0.001	< 0.001
Thallium	2025-03	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	**0.000824 J**	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001	< 0.001	< 0.001
Thallium	2025-08	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	< 0.001	< 0.001
Thionazin	2009-03	ug/L						~~< 10~~	~~< 10~~	~~< 10~~								
Thionazin	2009-06	ug/L					~~< 10.0~~	~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10~~			~~< 10.0~~				
Thionazin	2009-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
Thionazin	2009-12	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
Thionazin	2010-03	ug/L					~~< 10.0~~				~~< 10.0~~			~~< 10.0~~				
Thionazin	2010-06	ug/L										~~< 10.0~~						
Thionazin	2010-08	ug/L										~~< 10.0~~	~~< 10.0~~					
Thionazin	2010-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~				
Thionazin	2010-12	ug/L										~~< 10.0~~						
Thionazin	2011-03	ug/L											~~< 10.0~~		~~< 10.0~~			
Thionazin	2011-06	ug/L											~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Thionazin	2011-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Thionazin	2011-12	ug/L													~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
Thionazin	2012-03	ug/L														~~< 10.0~~	~~< 10.0~~	
Thionazin	2014-12	ug/L															~~< 10.2~~	
Thionazin	2016-10	ug/L							<10	<10	<10.9					<11.2	<11.1	
Thionazin	2017-10	ug/L						<10.5										
Thionazin	2017-12	ug/L					<10.6					<10.4						<10.4
Thionazin	2018-07	ug/L											<10.4					
Thionazin	2018-10	ug/L											<10.4					
Thionazin	2019-05	ug/L																
Thionazin	2021-10	ug/L							<10.5	<10.5	<10.2					<10.4	<10.5	
Thionazin	2021-12	ug/L																
Thionazin	2022-10	ug/L					<8.47	<8.47				<8.47						<8.47
Thionazin	2024-04	ug/L											<10.6					
Tin	2009-03	mg/L						~~< 0.1~~	~~< 0.1~~	~~< 0.1~~								
Tin	2009-06	mg/L					~~< 0.100~~	~~< 0.1~~	~~< 0.1~~	~~< 0.100~~	~~< 0.1~~			~~< 0.100~~				
Tin	2009-09	mg/L					~~< 0.100~~	~~< 0.100~~	~~< 0.100~~	~~< 0.100~~	~~< 0.100~~			~~< 0.100~~				
Tin	2009-12	mg/L					~~< 0.100~~	~~< 0.100~~	~~< 0.100~~	~~< 0.100~~	~~< 0.100~~			~~< 0.100~~				
Tin	2010-03	mg/L					~~< 0.100~~	~~< 0.100~~	~~< 0.100~~	~~< 0.100~~	~~< 0.100~~			~~< 0.100~~				
Tin	2010-06	mg/L										~~< 0.100~~						
Tin	2010-08	mg/L										~~< 0.100~~	~~< 0.100~~					
Tin	2010-09	mg/L					~~< 0.100~~	~~< 0.100~~	~~< 0.100~~	~~< 0.100~~	~~< 0.100~~	~~< 0.100~~	~~< 0.100~~	~~< 0.100~~				
Tin	2010-12	mg/L										~~< 0.100~~						
Tin	2011-03	mg/L					~~< 0.100~~	~~< 0.100~~	~~< 0.100~~	~~< 0.100~~	~~< 0.100~~	~~< 0.100~~	~~< 0.100~~	~~< 0.100~~	~~< 0.100~~			
Tin	2011-06	mg/L											~~< 0.100~~		~~< 0.100~~	~~< 0.100~~	~~< 0.100~~	

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Thallium	2020-03	mg/L	<0.001	<0.001	<0.001					<0.001	<0.001					<0.001	<0.001	
Thallium	2020-09	mg/L	<0.001	<0.001	**0.000404 J**					<0.001	<0.001					<0.001	<0.001	
Thallium	2020-11	mg/L																
Thallium	2020-12	mg/L																
Thallium	2021-03	mg/L	<0.001	<0.001	**0.00115**			<0.001	<0.001	<0.001	~~0.000968 Jo~~					<0.001	<0.001	
Thallium	2021-05	mg/L	<0.001															
Thallium	2021-08	mg/L						<0.001	<0.001									
Thallium	2021-10	mg/L	<0.001	<0.001	<0.001			<0.001	<0.001	<0.001	~~<0.001~~							
Thallium	2021-12	mg/L	<0.001															
Thallium	2022-02	mg/L						<0.001	<0.001									
Thallium	2022-04	mg/L	<0.007	<0.001	<0.001			<0.001	<0.001	<0.001	<0.001							
Thallium	2022-07	mg/L																
Thallium	2022-10	mg/L	<0.001	<0.001	<0.001			<0.001	<0.001	<0.001	~~<0.001~~							
Thallium	2023-04	mg/L	<0.001	<0.001	<0.001			<0.001	<0.001	<0.001	~~<0.001~~							
Thallium	2023-05	mg/L																
Thallium	2023-06	mg/L																
Thallium	2023-10	mg/L	<0.001	**0.000835 J**	<0.001			<0.001	<0.001	<0.001	**0.000899 J**							
Thallium	2024-04	mg/L	<0.001	<0.001	<0.001			<0.001	<0.001	<0.001	<0.001							
Thallium	2024-05	mg/L						<0.001				<0.001	<0.001	<0.001	<0.001			<0.001
Thallium	2024-09	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	< 0.001	< 0.001
Thallium	2025-03	mg/L	< 0.001	< 0.001	< 0.001			< 0.001	< 0.001	< 0.001 J	< 0.001	< 0.001	< 0.001	< 0.001	**0.000801 J**	< 0.001	< 0.001	< 0.001
Thallium	2025-08	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	< 0.001	< 0.001
Thionazin	2009-03	ug/L																
Thionazin	2009-06	ug/L																
Thionazin	2009-09	ug/L																
Thionazin	2009-12	ug/L																
Thionazin	2010-03	ug/L																
Thionazin	2010-06	ug/L																
Thionazin	2010-08	ug/L																
Thionazin	2010-09	ug/L																
Thionazin	2010-12	ug/L																
Thionazin	2011-03	ug/L																
Thionazin	2011-06	ug/L																
Thionazin	2011-09	ug/L																
Thionazin	2011-12	ug/L																
Thionazin	2012-03	ug/L																
Thionazin	2014-12	ug/L																
Thionazin	2016-10	ug/L									<10.4					<10.3	<10.2	
Thionazin	2017-10	ug/L																
Thionazin	2017-12	ug/L			<10.4													
Thionazin	2018-07	ug/L								<10.1								
Thionazin	2018-10	ug/L								<10.3								
Thionazin	2019-05	ug/L		<10.1														
Thionazin	2021-10	ug/L																
Thionazin	2021-12	ug/L	<10.5															
Thionazin	2022-10	ug/L			<8.77													
Thionazin	2024-04	ug/L		<10.2														
Tin	2009-03	mg/L																
Tin	2009-06	mg/L																
Tin	2009-09	mg/L																
Tin	2009-12	mg/L																
Tin	2010-03	mg/L																
Tin	2010-06	mg/L																
Tin	2010-08	mg/L																
Tin	2010-09	mg/L																
Tin	2010-12	mg/L																
Tin	2011-03	mg/L																
Tin	2011-06	mg/L																

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
Tin	2011-09	mg/L					< 0.100	< 0.100	< 0.100	< 0.100	< 0.100	< 0.100		< 0.100	< 0.100	< 0.100	< 0.100	
Tin	2011-12	mg/L													< 0.100	< 0.100	< 0.100	
Tin	2012-03	mg/L														< 0.100	< 0.100	
Tin	2013-03	mg/L																
Tin	2013-09	mg/L																
Tin	2014-03	mg/L																
Tin	2014-09	mg/L																
Tin	2014-12	mg/L															**0.11**	
Tin	2015-04	mg/L															< 0.1	
Tin	2015-04	mg/L																
Tin	2015-10	mg/L															< 0.1 o	
Tin	2016-04	mg/L															<0.005	
Tin	2016-10	mg/L							<0.005	<0.005	<0.005					<0.005	<0.005	
Tin	2017-03	mg/L															<0.005	
Tin	2017-10	mg/L						<0.005									<0.005	
Tin	2017-12	mg/L					<0.005					<5						<5
Tin	2018-04	mg/L															<0.005	
Tin	2018-07	ug/L											<5					
Tin	2018-10	ug/L											<5				<5	
Tin	2019-03	mg/L															<0.005	
Tin	2019-05	ug/L																
Tin	2019-10	mg/L															<0.005	
Tin	2021-10	ug/L							<5	<5	<5					<5	<5	
Tin	2021-12	mg/L																
Tin	2022-10	mg/L					<0.005	<0.005				<0.005						<0.005
Tin	2024-04	mg/L											<0.005					
Tin	2025-08	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	**0.00433 J**	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005			**0.00423 J**	< 0.005	< 0.005
Toluene	2008-01	ug/L					< 1	< 1	< 1.00	< 1	< 1	< 1	< 1	< 1	< 1			
Toluene	2008-03	ug/L					< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00			
Toluene	2008-08	ug/L					< 1	< 1	< 1	**0.17**	< 1	< 1	< 1	< 1	< 1			
Toluene	2008-09	ug/L					< 1	< 1	< 1	**0.19**	< 1	< 1	< 1	**0.14**	< 1			
Toluene	2008-10	ug/L					< 1	< 1	< 1	**0.26**	< 1	< 1	< 1	< 1	< 1			
Toluene	2009-03	ug/L					< 1	< 1	< 1	**0.34**	< 1	< 1	< 1	< 1	< 1			
Toluene	2009-06	ug/L					< 5.00	< 1	< 1	< 1.00	< 1			< 1.00				
Toluene	2009-09	ug/L					< 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	< 1.00	< 1.00	< 1.00			< 1.00				
Toluene	2010-03	ug/L					< 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	< 1.00	< 1.00
Toluene	2010-08	ug/L										< 1.00	< 1.00			< 1.00	< 1.00	< 1.00
Toluene	2010-09	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	2010-12	ug/L										< 1.00				< 1.00	< 1.00	< 1.00
Toluene	2011-03	ug/L		< 1.00			< 1.00	< 1.00	< 1.00	< 10.0	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Toluene	2011-04	ug/L					< 1.00		< 1.00	< 10.0	< 1.00						< 1.00	
Toluene	2011-06	ug/L		< 1.00									< 1.00		< 1.00	< 1.00	< 1.00	
Toluene	2011-07	ug/L	< 1.00															
Toluene	2011-08	ug/L		< 1.00														
Toluene	2011-09	ug/L	< 1.00	< 1.00			< 1.00	< 1.00	< 1.00	< 10.0	< 1.00	< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Toluene	2011-12	ug/L	< 1.00	< 1.00											< 1.00	< 1.00	< 1.00	
Toluene	2012-03	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	< 1.00	< 1.00
Toluene	2012-06	ug/L																
Toluene	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
Toluene	2013-03	ug/L	< 1.00	< 1.00			< 1.00	< 1.00	< 1.00	< 10.0	< 1.00	< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Toluene	2013-06	ug/L																
Toluene	2013-09	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	< 1.00
Toluene	2013-11	ug/L																
Toluene	2014-03	ug/L	< 1.00	< 1.00			< 1.00	< 1.00	< 1.00	**0.231**	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Toluene	2014-06	ug/L																
Toluene	2014-09	ug/L	< 1	< 1			< 1.00	< 1.00	< 1.00	**0.328**	< 1	< 1	< 1	< 1.00	< 1.00	< 1.00	< 1.00	< 1

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Table 20
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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
Tin	2011-09	mg/L																
Tin	2011-12	mg/L																
Tin	2012-03	mg/L																
Tin	2013-03	mg/L														~~< 0.100~~	~~< 0.100~~	
Tin	2013-09	mg/L														~~< 0.100~~	~~< 0.100~~	
Tin	2014-03	mg/L														~~< 0.100~~	~~< 0.100~~	
Tin	2014-09	mg/L									~~**0.0774**~~					~~**0.127**~~	~~**0.049**~~	
Tin	2014-12	mg/L																
Tin	2015-04	mg/L									~~< 0.1 o~~							
Tin	2015-04	mg/L														< 0.00500	< 0.00500	
Tin	2015-10	mg/L									<0.1					<0.1	<0.1	
Tin	2016-04	mg/L																
Tin	2016-10	mg/L									<0.005					<0.005	<0.005	
Tin	2017-03	mg/L																
Tin	2017-10	mg/L									<0.005					<5	<5	
Tin	2017-12	mg/L			<5													
Tin	2018-04	mg/L																
Tin	2018-07	ug/L								<5								
Tin	2018-10	ug/L								**0.731 J**								
Tin	2019-03	mg/L																
Tin	2019-05	ug/L		<0.005						<5								
Tin	2019-10	mg/L																
Tin	2021-10	ug/L																
Tin	2021-12	mg/L	<0.005															
Tin	2022-10	mg/L			<0.005													
Tin	2024-04	mg/L		<0.005														
Tin	2025-08	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	**0.00333 J**	< 0.005
Toluene	2008-01	ug/L																
Toluene	2008-03	ug/L																
Toluene	2008-08	ug/L																
Toluene	2008-09	ug/L																
Toluene	2008-10	ug/L																
Toluene	2009-03	ug/L																
Toluene	2009-06	ug/L																
Toluene	2009-09	ug/L																
Toluene	2009-12	ug/L																
Toluene	2010-03	ug/L																
Toluene	2010-06	ug/L	~~< 1.00~~	~~< 1.00~~														
Toluene	2010-08	ug/L	~~< 1.00~~	~~< 1.00~~														
Toluene	2010-09	ug/L	~~< 1.00~~	~~< 1.00~~														
Toluene	2010-12	ug/L	~~< 1.00~~	~~< 1.00~~														
Toluene	2011-03	ug/L	~~< 1.00~~	~~< 1.00~~														
Toluene	2011-04	ug/L																
Toluene	2011-06	ug/L																
Toluene	2011-07	ug/L																
Toluene	2011-08	ug/L																
Toluene	2011-09	ug/L	~~< 1.00~~	~~< 1.00~~														
Toluene	2011-12	ug/L																
Toluene	2012-03	ug/L	~~< 1.00~~	~~< 1.00~~														
Toluene	2012-06	ug/L									~~< 1.00~~	~~< 1.00~~		~~< 1.00~~		~~< 1.00~~	~~< 1.00~~	
Toluene	2012-10	ug/L																
Toluene	2013-03	ug/L	~~< 1.00~~								~~< 1.00~~							
Toluene	2013-06	ug/L			~~< 1.00~~													
Toluene	2013-09	ug/L	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~						~~< 1.00~~							
Toluene	2013-11	ug/L			~~< 1.00~~													
Toluene	2014-03	ug/L	~~< 1.00~~		~~< 1.00~~						~~< 1.00~~							
Toluene	2014-06	ug/L		~~< 1.00~~	~~< 1.00~~													
Toluene	2014-09	ug/L	~~< 1~~	~~< 1~~	~~< 1~~						~~< 1~~							

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
Toluene	2014-12	ug/L															~~< 1.00~~	
Toluene	2015-04	ug/L	< 1.00	< 1			< 1	< 1.00	< 1	**0.206**	< 1	< 1.00	< 1.00			< 1.00	< 1	< 1
Toluene	2015-10	ug/L	<1	<1			<1	<1	<1	~~<1 o~~	<1	<1				<1	<1	<1
Toluene	2016-04	ug/L	<1	<1			<1	**0.196 J**	<1	~~**0.2555 Jo**~~	<1	<1	<1			<1	<1	<1
Toluene	2016-10	ug/L	<1	<1			<1	<1	<1	~~**0.322 Jo**~~	<1	<1	<1			<1	<1	<1
Toluene	2017-03	ug/L	<1	<1			<1	<1	<1	~~<1 o~~	<1	<1	<1			<1	<1	<1
Toluene	2017-10	ug/L	<1	<1			<1	<1	<1	~~**0.167 Jo**~~	<1	<1				<1	<1	<1
Toluene	2017-12	ug/L					<1					<1						<1
Toluene	2018-04	ug/L	<1	<1	<1		<1	<1	<1	**0.23 J**	<1	<1	<1			<1	<1	<1
Toluene	2018-07	ug/L											<1					
Toluene	2018-10	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Toluene	2019-01	ug/L																
Toluene	2019-03	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Toluene	2019-05	ug/L																
Toluene	2019-10	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Toluene	2020-03	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Toluene	2020-09	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			**0.000294 J**	<1	<1
Toluene	2021-03	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Toluene	2021-05	ug/L																
Toluene	2021-08	ug/L																
Toluene	2021-10	ug/L	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Toluene	2021-12	ug/L																
Toluene	2022-02	ug/L	<1		<1	<1												
Toluene	2022-04	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Toluene	2022-07	ug/L			<1	<1												
Toluene	2022-10	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				<1	<1	<1
Toluene	2023-04	ug/L	<1	<1		<1	<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Toluene	2023-05	ug/L			<1													
Toluene	2023-10	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				<1	<1	<1
Toluene	2024-04	ug/L	<1	<1	<1	<1	<1	<1	**0.445 J**	<1	<1	<1	<1			<1	<1	<1
Toluene	2024-09	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1			< 1	< 1	< 1
Toluene	2025-03	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1			< 1	< 1	< 1
Toluene	2025-08	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1			< 1	< 1	< 1
Total Suspended Solids	2014-09	mg/L	~~**51**~~	~~< 2.14~~			~~**11**~~	~~**6.33**~~	~~**34.7**~~	~~**112**~~	~~**24**~~	~~**1.5**~~	~~< 1.88~~	~~**48**~~	~~**42.7**~~	~~**3.2**~~	~~**57**~~	~~**27**~~
Total Suspended Solids	2014-12	mg/L															~~**70**~~	
Total Suspended Solids	2015-04	mg/L	**28**	< 2.5			**4.25**	**4.8**	**47**	**98.7**	**38**	< 2.50	< 2.50	**25.3**	**23**	< 5.00	**46**	**12.5**
Total Suspended Solids	2015-10	mg/L	**94.4**	<1.2			**14.8**	**10.1**	**60.6**	**68.4**	**33.1**	**1.88**		**48.5**	**30**	**11.4**	**44.1**	**6.87**
Total Suspended Solids	2016-04	mg/L	**13.1**	**1 J**			**1.63 J**	**3.13**	**0.75 J**	**85.3**	**34.6**	**23.8**	**0.625 J**	**28.8**	**30.6**	**1.63 J**	**52.1**	**4.75**
Total Suspended Solids	2016-10	mg/L	**104**	<5			**30.8**	**24**	**55**	**96**	**54.3**	**14.8**	**0.625 J**	**83.7**	**58**	**18**	**75**	**44.5**
Total Suspended Solids	2017-03	mg/L	**53**	**8.8**			**5.67**	**3.6**	**9.4**	**56**	**31.3**	<1.88	<1.88			**10.6**	**26.9**	**2.38**
Total Suspended Solids	2017-06	mg/L	**836**	**8.5**			**4.38**	**4.38**				**1.13 J**	<1.88					**2**
Total Suspended Solids	2017-10	mg/L	**733**	**6.38**			**10.9**	**16**	**7.62**	**49.5**	**25.9**	<1.88				**26.9**	**11.4**	**13**
Total Suspended Solids	2017-12	mg/L					**13.3**					**0.75 J**						**6.63**
Total Suspended Solids	2018-04	mg/L	**31.8**	**70.1**	**18.3**		**12.1**	**2.75**	**34**	**107**	**32.8**	**0.875 J**	**1.13 J**	**32**	**36**	**4.38**	**31.1**	**11.8**
Total Suspended Solids	2018-07	mg/L											**0.875 J**					
Total Suspended Solids	2018-10	mg/L	<1.88	**1.13 J**			**6.12**	**3.87**	**22.9**	**62.2**	**39.8**	**2.25**	**1.25 J**	**40.4**	**32**	**12.8**	**7.88**	**49.2**
Total Suspended Solids	2019-01	mg/L																
Total Suspended Solids	2019-03	mg/L	**13.1**	**12.1**			**14.9**	**4.38**	**19.4**	**70.2**	**71.3**	<1.88	**0.75 J**	**9.87**	**21**	**3.75**	**35.1**	**14.8**
Total Suspended Solids	2019-05	mg/L																
Total Suspended Solids	2019-10	mg/L	**55.6**	<1.88			**3.25**	**3.87**	**11.6**	**58.9**	**26**	**1.63 J**	**1.13 J**	**20.4**	**17.3**	**1.63 J**	**42.7**	**7.38**
Total Suspended Solids	2020-03	mg/L	**108**	**12.5**			**3 J**	**1.13 J**	**13**	**61.6**	**22.9**	**0.75 J**	<1.88	**5.25**	**16**	<1.88	**21**	**5.75**
Total Suspended Solids	2020-09	mg/L	**222**	**2**			**1.38 J**	**1.38 J**	**7.6**	**62**	**23.3**	**0.75 J**	**1.75 J**	**16**	**11.7**	**1.13 J**	**23**	**13.5**
Total Suspended Solids	2020-11	mg/L	**372**															
Total Suspended Solids	2020-12	mg/L	**114**															
Total Suspended Solids	2021-03	mg/L	**53.4**	**43.6**			**1.5 J**	**2.5**	**5**	**85**	**24.1**	<1.88	**15.3**	**11.9**	**23.6**	**1.5 J**	**17.9**	**2.88**
Total Suspended Solids	2021-05	mg/L																
Total Suspended Solids	2021-08	mg/L																
Total Suspended Solids	2021-10	mg/L	**88.3**	**4.88**	**34.9**		**3.25**	**8.13**	**11.1**	**71.2**	**29.9**	<1.88	**1.63 J**	**22.3**	**20**	**32.1**	**47.6**	**4.38**

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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
Toluene	2014-12	ug/L																
Toluene	2015-04	ug/L	< 1.00	< 1.00	< 1.00						< 1							
Toluene	2015-10	ug/L	<1	<1	<1						<1					<1	<1	
Toluene	2016-04	ug/L	<1	**0.168 J**	<1						<1					<1	<1	
Toluene	2016-10	ug/L	<1	<1	<1						<1					<1	<1	
Toluene	2017-03	ug/L	<1	<1	<1						<1					<1	<1	
Toluene	2017-10	ug/L	<1	<1	<1						<1					<1	<1	
Toluene	2017-12	ug/L			<1													
Toluene	2018-04	ug/L	<1	<1	<1						<1					<1	<1	
Toluene	2018-07	ug/L								<1								
Toluene	2018-10	ug/L	<1	<1	<1					<1	<1					<1	<1	
Toluene	2019-01	ug/L								<1								
Toluene	2019-03	ug/L	<1	<1	<1					<1	<1					<1	<1	
Toluene	2019-05	ug/L		<1						<1								
Toluene	2019-10	ug/L	<1	<1	<1					<1	<1					<1	<1	
Toluene	2020-03	ug/L	<1	<1	<1					<1	<1					<1	<1	
Toluene	2020-09	ug/L	<1	<1	<1					<1	<1					<1	<1	
Toluene	2021-03	ug/L	<1	<1	<1			<1	<1	<1	<1					<1	<1	
Toluene	2021-05	ug/L	<1															
Toluene	2021-08	ug/L						<1	<1									
Toluene	2021-10	ug/L	<1	<1	<1			<1	<1	<1	<1							
Toluene	2021-12	ug/L	<1															
Toluene	2022-02	ug/L						<1	<1									
Toluene	2022-04	ug/L	<1	<1	<1			<1	<1	<1	<1							
Toluene	2022-07	ug/L																
Toluene	2022-10	ug/L	<1	<1	<1			<1	<1	<1	<1							
Toluene	2023-04	ug/L	<1	<1	<1			<1	<1	<1	<1							
Toluene	2023-05	ug/L																
Toluene	2023-10	ug/L	<1	<1	<1			<1	<1	<1	<1							
Toluene	2024-04	ug/L	<1	<1	<1			<1	<1	<1	<1							
Toluene	2024-09	ug/L	< 1	< 1	< 1			< 1	**0.52 J**	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	2025-03	ug/L	< 1	< 1	< 1			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	2025-08	ug/L	< 1	< 1	< 1			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Total Suspended Solids	2014-09	mg/L	~~**18**~~	~~< 1.88~~	~~**235**~~	~~**48**~~	~~**57.3**~~				~~**182**~~					~~**256**~~	~~**149**~~	
Total Suspended Solids	2014-12	mg/L																
Total Suspended Solids	2015-04	mg/L	**1.83**	< 2.50	**25.8**	**16.4**	**31**				**52.7**					< 2.50	**4.75**	
Total Suspended Solids	2015-10	mg/L	<1.2	**1.63 J**	**19.3**	**42.8**					**16.5**					<1.2	**2.13**	
Total Suspended Solids	2016-04	mg/L	**6**	**0.625 J**	<1.88	**47.3**					**2.88**					<1.88	**1.13 J**	
Total Suspended Solids	2016-10	mg/L	**270**	**62.6**	**50**	**572**					**1.88**					**3.87**	**5.87**	
Total Suspended Solids	2017-03	mg/L	**3**	**0.625 J**	**5.5**						**1.75 J**					**0.75 J**	**19.4**	
Total Suspended Solids	2017-06	mg/L	**2.25**		**0.625 J**													
Total Suspended Solids	2017-10	mg/L	<1.88	**0.625 J**	**1.88**						**0.875 J**					**1.25 J**	**2**	
Total Suspended Solids	2017-12	mg/L			**2.13**													
Total Suspended Solids	2018-04	mg/L	**0.875 J**	**0.75 J**	**27.6**	**32**	**20**				**2.25**					<1.88	**5.88**	73.3
Total Suspended Solids	2018-07	mg/L								**30.5**								
Total Suspended Solids	2018-10	mg/L	**4.38**	**5.83**	**20.3**	**66.7**				**16**	**4.38**					**51.6**	**2.38**	
Total Suspended Solids	2019-01	mg/L		**2.63**						**24.3**								
Total Suspended Solids	2019-03	mg/L	**2.38**	**2.88**	**7.5**	**3.5**	**9.87**			**11.6**	**10.5**					<1.88	**0.75 J**	
Total Suspended Solids	2019-05	mg/L		**1.63 J**						**6.63**								
Total Suspended Solids	2019-10	mg/L	**1.75 J**	**3.13**	**1.5 J**	**26.5**	**18.1**			**5.63**	**9.5**					**5.88**	**5**	
Total Suspended Solids	2020-03	mg/L	<1.88	**16.1**	**14.5**	**36**	**10.3**			**20**	**9.5**					<1.88	**1.38 J**	
Total Suspended Solids	2020-09	mg/L	**1 J**	**2.88**	**2.38**	**23**	**39**			**7.25**	**5.5**					**1 J**	**2.13**	
Total Suspended Solids	2020-11	mg/L																
Total Suspended Solids	2020-12	mg/L																
Total Suspended Solids	2021-03	mg/L	**10.5**	**7.25**	**7**	**62.4**	**10.9**	**7.13**	**174**	**24.4**	**5**					<1.88	**1 J**	
Total Suspended Solids	2021-05	mg/L	**12.4**															
Total Suspended Solids	2021-08	mg/L						**37.6**	**69**									
Total Suspended Solids	2021-10	mg/L	**3.13**	**11.8**	**8**	**34.3**	**27.4**	**10.4**	**148**	**15.1**	**543**							

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Total Suspended Solids	2021-12	mg/L																
Total Suspended Solids	2022-02	mg/L	24 J		22 J	5.33												
Total Suspended Solids	2022-04	mg/L	14.5	8.25	27	10	<1.88	1.75 J	6.12	79	33	0.75 J	47	63	33	1.13 J	23	<1.88
Total Suspended Solids	2022-07	mg/L			24	56.5												
Total Suspended Solids	2022-10	mg/L	64	91	27.5	15.5	10.1	5.88	6.25	52	28.5	4.38		20.8	20.5	8	38	1.13 J
Total Suspended Solids	2022-12	mg/L		5.67														
Total Suspended Solids	2023-04	mg/L	80.3	6.75	26.5	11.3	8.75	2.13	6.38	87	37	1 J	6.12	10.4	22.5	4	37	8.37
Total Suspended Solids	2023-06	mg/L	80			15												
Total Suspended Solids	2023-10	mg/L	78	2.25	29	18	5.13	2.13	17.3	50	30	0.75 J		24	123	25	180	6.38
Total Suspended Solids	2023-12	mg/L	80	11.8		18.7												
Total Suspended Solids	2024-04	mg/L	52.8	11.8	28	12	4.13	<1.88	3	114	32.7	<1.88	35.5	25.5	22.3	4.75	34	3.63
Total Suspended Solids	2024-05	mg/L											79					
Total Suspended Solids	2024-09	mg/L	7	< 1.88	25	13	2.88	2.63	4.25	59	30.3	< 1.88	22	23.5	24.5	1.75 J	35	1.88
Total Suspended Solids	2025-02	mg/L			13													
Total Suspended Solids	2025-03	mg/L	26	4.67 J	11.7	6.67	< 1.88	3.13	3.25	45	14.7	< 1.88	103	5	17.6	2	19.4	3.25
Total Suspended Solids	2025-08	mg/L	4.6	< 5	28.5	10.3	< 1.88	3.75	11.8	75	32.5	< 1.88	97.5	33	32	1.63 J	39	5.63
Toxaphene	2009-03	ug/L						~~< 2~~	~~< 2~~	~~< 2~~								
Toxaphene	2009-06	ug/L					~~< 2.00~~	~~< 2~~	~~< 2~~	~~< 2.00~~	~~< 2~~			~~< 2.00~~				
Toxaphene	2009-09	ug/L					~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~			~~< 2.00~~				
Toxaphene	2009-12	ug/L					~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~			~~< 2.00~~				
Toxaphene	2010-03	ug/L					~~< 2.00~~				~~< 2.00~~			~~< 2.00~~				
Toxaphene	2010-06	ug/L										~~< 2.00~~						
Toxaphene	2010-08	ug/L										~~< 2.00~~	~~< 2.00~~					
Toxaphene	2010-09	ug/L					~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~				
Toxaphene	2010-12	ug/L										~~< 2.00~~						
Toxaphene	2011-03	ug/L						~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~			
Toxaphene	2011-06	ug/L											~~< 2.00~~		~~< 2.00~~	~~< 2.45~~	~~< 2.00~~	
Toxaphene	2011-09	ug/L					~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~		~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	
Toxaphene	2011-12	ug/L													~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	
Toxaphene	2012-03	ug/L														~~< 2.00~~	~~< 2.00~~	
Toxaphene	2014-12	ug/L															~~< 2.20~~	
Toxaphene	2016-10	ug/L							<2.06	<2	<2.15					<2.06	<2.06	
Toxaphene	2017-10	ug/L						<2.08										
Toxaphene	2017-12	ug/L					<2.08					<2.08						<2.08
Toxaphene	2018-07	ug/L											<2.08					
Toxaphene	2018-10	ug/L											<2.06					
Toxaphene	2019-05	ug/L																
Toxaphene	2021-10	ug/L							<2.11	<2.11	<2.11					<2.11	<2.11	
Toxaphene	2021-12	ug/L																
Toxaphene	2022-10	ug/L					<1.69	<1.75				<1.69						<1.82
Toxaphene	2023-04	ug/L									<2							
Toxaphene	2024-04	ug/L											<2					
trans-1,2-Dichloroethene	2008-01	ug/L					~~< 1~~	~~< 1~~	~~< 1.00~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~			
trans-1,2-Dichloroethene	2008-03	ug/L					~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~			
trans-1,2-Dichloroethene	2008-08	ug/L					~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~			
trans-1,2-Dichloroethene	2008-09	ug/L					~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~			
trans-1,2-Dichloroethene	2008-10	ug/L					~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~			
trans-1,2-Dichloroethene	2009-03	ug/L					~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~			
trans-1,2-Dichloroethene	2009-06	ug/L					~~< 5.00~~	~~< 1~~	~~< 1~~	~~< 1.00~~	~~< 1~~			~~< 1.00~~				
trans-1,2-Dichloroethene	2009-09	ug/L					~~< 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~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~			~~< 1.00~~				
trans-1,2-Dichloroethene	2010-03	ug/L					~~< 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~~	~~< 1.00~~	~~< 1.00~~
trans-1,2-Dichloroethene	2010-08	ug/L										~~< 1.00~~	~~< 1.00~~			~~< 1.00~~	~~< 1.00~~	~~< 1.00~~
trans-1,2-Dichloroethene	2010-09	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	2010-12	ug/L										~~< 1.00~~				~~< 1.00~~	~~< 1.00~~	~~< 1.00~~
trans-1,2-Dichloroethene	2011-03	ug/L		~~< 1.00~~			~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 10.0~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~
trans-1,2-Dichloroethene	2011-04	ug/L					~~< 1.00~~		~~< 1.00~~	~~< 10.0~~	~~< 1.00~~						~~< 1.00~~	

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Table 20
Analytical Data Summary
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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
Total Suspended Solids	2021-12	mg/L	3.5 J															
Total Suspended Solids	2022-02	mg/L						72	256									
Total Suspended Solids	2022-04	mg/L	5.13	22	1.38 J	70	18	8.87	59	36	6.38							
Total Suspended Solids	2022-07	mg/L																
Total Suspended Solids	2022-10	mg/L	26.8	28	4.5	44.5	20.8	6.63	12.3	18.9	253							
Total Suspended Solids	2022-12	mg/L																
Total Suspended Solids	2023-04	mg/L	3.63	22	6.25	60.3	8.37	18.4	76.2	48	131							
Total Suspended Solids	2023-06	mg/L	2.13															
Total Suspended Solids	2023-10	mg/L	29	38	45	259	27	202	251	47	8.13							
Total Suspended Solids	2023-12	mg/L																
Total Suspended Solids	2024-04	mg/L	4.62	23	8.63	52	18	1010	29.4	42	26.6							
Total Suspended Solids	2024-05	mg/L		11.3				1100				<1.88	272	3.25	4.88			5.37
Total Suspended Solids	2024-09	mg/L	< 1.88	17.3	6.87	42.3	13.3	< 1.88	2.88	36	17.4	7.5	18.7	3.75	6.75	< 1.88	1.5 J	4.5
Total Suspended Solids	2025-02	mg/L																
Total Suspended Solids	2025-03	mg/L	4.25	25.8	7.38	21	3.67 J	12.3	1.63 J	19.5	3.5	4.5	17.9	2	5.25	< 1.88	< 1.88	< 1.88
Total Suspended Solids	2025-08	mg/L	4	17.3	39.3	56	26	2	1.75 J	22.5	16.4	2	35.5	2.25	5.88	< 1.88	< 1.88	2.88
Toxaphene	2009-03	ug/L																
Toxaphene	2009-06	ug/L																
Toxaphene	2009-09	ug/L																
Toxaphene	2009-12	ug/L																
Toxaphene	2010-03	ug/L																
Toxaphene	2010-06	ug/L																
Toxaphene	2010-08	ug/L																
Toxaphene	2010-09	ug/L																
Toxaphene	2010-12	ug/L																
Toxaphene	2011-03	ug/L																
Toxaphene	2011-06	ug/L																
Toxaphene	2011-09	ug/L																
Toxaphene	2011-12	ug/L																
Toxaphene	2012-03	ug/L																
Toxaphene	2014-12	ug/L																
Toxaphene	2016-10	ug/L									<2.08					<2.08	<2.08	
Toxaphene	2017-10	ug/L																
Toxaphene	2017-12	ug/L			<2.08													
Toxaphene	2018-07	ug/L								<2.02								
Toxaphene	2018-10	ug/L								<2.06								
Toxaphene	2019-05	ug/L		<2.04														
Toxaphene	2021-10	ug/L																
Toxaphene	2021-12	ug/L	<2.11															
Toxaphene	2022-10	ug/L			<1.69													
Toxaphene	2023-04	ug/L	<2															
Toxaphene	2024-04	ug/L		<2														
trans-1,2-Dichloroethene	2008-01	ug/L																
trans-1,2-Dichloroethene	2008-03	ug/L																
trans-1,2-Dichloroethene	2008-08	ug/L																
trans-1,2-Dichloroethene	2008-09	ug/L																
trans-1,2-Dichloroethene	2008-10	ug/L																
trans-1,2-Dichloroethene	2009-03	ug/L																
trans-1,2-Dichloroethene	2009-06	ug/L																
trans-1,2-Dichloroethene	2009-09	ug/L																
trans-1,2-Dichloroethene	2009-12	ug/L																
trans-1,2-Dichloroethene	2010-03	ug/L																
trans-1,2-Dichloroethene	2010-06	ug/L	~~< 1.00~~	~~< 1.00~~														
trans-1,2-Dichloroethene	2010-08	ug/L	~~< 1.00~~	~~< 1.00~~														
trans-1,2-Dichloroethene	2010-09	ug/L	~~< 1.00~~	~~< 1.00~~														
trans-1,2-Dichloroethene	2010-12	ug/L	~~< 1.00~~	~~< 1.00~~														
trans-1,2-Dichloroethene	2011-03	ug/L	~~< 1.00~~	~~< 1.00~~														
trans-1,2-Dichloroethene	2011-04	ug/L																

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Analytical Data Summary
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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
trans-1,2-Dichloroethene	2011-06	ug/L		< 1.00									< 1.00		< 1.00	< 1.00	< 1.00	
trans-1,2-Dichloroethene	2011-07	ug/L	< 1.00															
trans-1,2-Dichloroethene	2011-08	ug/L		< 1.00														
trans-1,2-Dichloroethene	2011-09	ug/L	< 1.00	< 1.00			< 1.00	< 1.00	< 1.00	< 10.0	< 1.00	< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
trans-1,2-Dichloroethene	2011-12	ug/L	< 1.00	< 1.00											< 1.00	< 1.00	< 1.00	
trans-1,2-Dichloroethene	2012-03	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	< 1.00	< 1.00
trans-1,2-Dichloroethene	2012-06	ug/L																
trans-1,2-Dichloroethene	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
trans-1,2-Dichloroethene	2013-03	ug/L	< 1.00	< 1.00			< 1.00	< 1.00	< 1.00	< 10.0	< 1.00	< 1.00		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
trans-1,2-Dichloroethene	2013-06	ug/L																
trans-1,2-Dichloroethene	2013-09	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	< 1.00
trans-1,2-Dichloroethene	2013-11	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	< 1.00	< 1.00
trans-1,2-Dichloroethene	2014-06	ug/L																
trans-1,2-Dichloroethene	2014-09	ug/L	< 1	< 1			< 1.00	< 1.00	< 1.00	< 1.00	< 1	< 1	< 1	< 1.00	< 1.00	< 1.00	< 1.00	< 1
trans-1,2-Dichloroethene	2014-12	ug/L															< 1.00	
trans-1,2-Dichloroethene	2015-04	ug/L	< 1.00	< 1			< 1	< 1.00	< 1	< 1	< 1	< 1.00	< 1.00			< 1.00	< 1	< 1
trans-1,2-Dichloroethene	2015-10	ug/L	<1	<1			<1	<1	<1	<1	<1	<1				<1	<1	<1
trans-1,2-Dichloroethene	2016-04	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
trans-1,2-Dichloroethene	2016-10	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
trans-1,2-Dichloroethene	2017-03	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
trans-1,2-Dichloroethene	2017-10	ug/L	<1	<1			<1	<1	**0.22 J**	<1	<1	<1				<1	<1	<1
trans-1,2-Dichloroethene	2017-12	ug/L					<1					<1						<1
trans-1,2-Dichloroethene	2018-04	ug/L	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
trans-1,2-Dichloroethene	2018-07	ug/L											<1					
trans-1,2-Dichloroethene	2018-10	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
trans-1,2-Dichloroethene	2019-01	ug/L																
trans-1,2-Dichloroethene	2019-03	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
trans-1,2-Dichloroethene	2019-05	ug/L																
trans-1,2-Dichloroethene	2019-10	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
trans-1,2-Dichloroethene	2020-03	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
trans-1,2-Dichloroethene	2020-09	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
trans-1,2-Dichloroethene	2021-03	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
trans-1,2-Dichloroethene	2021-05	ug/L																
trans-1,2-Dichloroethene	2021-08	ug/L																
trans-1,2-Dichloroethene	2021-10	ug/L	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
trans-1,2-Dichloroethene	2021-12	ug/L																
trans-1,2-Dichloroethene	2022-02	ug/L	<1		<1	<1												
trans-1,2-Dichloroethene	2022-04	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
trans-1,2-Dichloroethene	2022-07	ug/L			<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	2023-04	ug/L	<1	<1		<1	<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
trans-1,2-Dichloroethene	2023-05	ug/L			<1													
trans-1,2-Dichloroethene	2023-10	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				<1	<1	<1
trans-1,2-Dichloroethene	2024-04	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
trans-1,2-Dichloroethene	2024-09	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1			< 1	< 1	< 1
trans-1,2-Dichloroethene	2025-03	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1			< 1	< 1	< 1
trans-1,2-Dichloroethene	2025-08	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1			< 1	< 1	< 1
trans-1,3-Dichloropropene	2008-01	ug/L					< 5	< 5	< 5.00	< 5	< 5	< 5	< 5	< 5	< 5			
trans-1,3-Dichloropropene	2008-03	ug/L					< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00			
trans-1,3-Dichloropropene	2008-08	ug/L					< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5			
trans-1,3-Dichloropropene	2008-09	ug/L					< 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			
trans-1,3-Dichloropropene	2009-03	ug/L					< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5			
trans-1,3-Dichloropropene	2009-06	ug/L					< 25.0	< 5	< 5	< 5.00	< 5			< 5.00				
trans-1,3-Dichloropropene	2009-09	ug/L					< 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	< 5.00	< 5.00	< 5.00			< 5.00				
trans-1,3-Dichloropropene	2010-03	ug/L					< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00			

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Table 20
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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
trans-1,2-Dichloroethene	2011-06	ug/L																
trans-1,2-Dichloroethene	2011-07	ug/L																
trans-1,2-Dichloroethene	2011-08	ug/L																
trans-1,2-Dichloroethene	2011-09	ug/L	~~< 1.00~~	~~< 1.00~~														
trans-1,2-Dichloroethene	2011-12	ug/L																
trans-1,2-Dichloroethene	2012-03	ug/L	~~< 1.00~~	~~< 1.00~~														
trans-1,2-Dichloroethene	2012-06	ug/L									~~< 1.00~~	~~< 1.00~~		~~< 1.00~~		~~< 1.00~~	~~< 1.00~~	
trans-1,2-Dichloroethene	2012-10	ug/L																
trans-1,2-Dichloroethene	2013-03	ug/L	~~< 1.00~~								~~< 1.00~~							
trans-1,2-Dichloroethene	2013-06	ug/L			~~< 1.00~~													
trans-1,2-Dichloroethene	2013-09	ug/L	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~						~~< 1.00~~							
trans-1,2-Dichloroethene	2013-11	ug/L			~~< 1.00~~													
trans-1,2-Dichloroethene	2014-03	ug/L	~~< 1.00~~		~~< 1.00~~						~~< 1.00~~							
trans-1,2-Dichloroethene	2014-06	ug/L		~~< 1.00~~	~~< 1.00~~													
trans-1,2-Dichloroethene	2014-09	ug/L	~~< 1~~	~~< 1~~	~~< 1~~						~~< 1~~							
trans-1,2-Dichloroethene	2014-12	ug/L																
trans-1,2-Dichloroethene	2015-04	ug/L	< 1.00	< 1.00	< 1.00						< 1							
trans-1,2-Dichloroethene	2015-10	ug/L	<1	<1	<1						<1					<1	<1	
trans-1,2-Dichloroethene	2016-04	ug/L	<1	<1	<1						<1					<1	<1	
trans-1,2-Dichloroethene	2016-10	ug/L	<1	<1	<1						<1					<1	<1	
trans-1,2-Dichloroethene	2017-03	ug/L	<1	<1	<1						<1					<1	<1	
trans-1,2-Dichloroethene	2017-10	ug/L	<1	<1	<1						<1					<1	<1	
trans-1,2-Dichloroethene	2017-12	ug/L			<1													
trans-1,2-Dichloroethene	2018-04	ug/L	<1	<1	<1						<1					<1	<1	
trans-1,2-Dichloroethene	2018-07	ug/L								<1								
trans-1,2-Dichloroethene	2018-10	ug/L	<1	<1	<1					<1	<1					<1	<1	
trans-1,2-Dichloroethene	2019-01	ug/L								<1								
trans-1,2-Dichloroethene	2019-03	ug/L	<1	<1	<1					<1	<1					<1	<1	
trans-1,2-Dichloroethene	2019-05	ug/L		<1						<1								
trans-1,2-Dichloroethene	2019-10	ug/L	<1	<1	<1					<1	<1					<1	<1	
trans-1,2-Dichloroethene	2020-03	ug/L	<1	<1	<1					<1	<1					<1	<1	
trans-1,2-Dichloroethene	2020-09	ug/L	<1	<1	<1					<1	<1					<1	<1	
trans-1,2-Dichloroethene	2021-03	ug/L	<1	<1	<1			<1	<1	<1	<1					<1	<1	
trans-1,2-Dichloroethene	2021-05	ug/L	<1															
trans-1,2-Dichloroethene	2021-08	ug/L						<1	<1									
trans-1,2-Dichloroethene	2021-10	ug/L	<1	<1	<1			<1	<1	<1	<1							
trans-1,2-Dichloroethene	2021-12	ug/L	<1															
trans-1,2-Dichloroethene	2022-02	ug/L						<1	<1									
trans-1,2-Dichloroethene	2022-04	ug/L	<1	<1	<1			<1	<1	<1	<1							
trans-1,2-Dichloroethene	2022-07	ug/L																
trans-1,2-Dichloroethene	2022-10	ug/L	<1	<1	<1			<1	<1	<1	<1							
trans-1,2-Dichloroethene	2023-04	ug/L	<1	<1	<1			<1	<1	<1	<1							
trans-1,2-Dichloroethene	2023-05	ug/L																
trans-1,2-Dichloroethene	2023-10	ug/L	<1	<1	<1			<1	<1	<1	<1							
trans-1,2-Dichloroethene	2024-04	ug/L	<1	<1	<1			<1	<1	<1	<1							
trans-1,2-Dichloroethene	2024-09	ug/L	< 1	< 1	< 1			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
trans-1,2-Dichloroethene	2025-03	ug/L	< 1	< 1	< 1			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
trans-1,2-Dichloroethene	2025-08	ug/L	< 1	< 1	< 1			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
trans-1,3-Dichloropropene	2008-01	ug/L																
trans-1,3-Dichloropropene	2008-03	ug/L																
trans-1,3-Dichloropropene	2008-08	ug/L																
trans-1,3-Dichloropropene	2008-09	ug/L																
trans-1,3-Dichloropropene	2008-10	ug/L																
trans-1,3-Dichloropropene	2009-03	ug/L																
trans-1,3-Dichloropropene	2009-06	ug/L																
trans-1,3-Dichloropropene	2009-09	ug/L																
trans-1,3-Dichloropropene	2009-12	ug/L																
trans-1,3-Dichloropropene	2010-03	ug/L																

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Table 20
Analytical Data Summary
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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
trans-1,3-Dichloropropene	2010-06	ug/L										< 5.00				< 5.00	< 5.00	< 5.00
trans-1,3-Dichloropropene	2010-08	ug/L										< 10.0	< 10.0			< 10.0	< 10.0	< 10.0
trans-1,3-Dichloropropene	2010-09	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-1,3-Dichloropropene	2010-12	ug/L										< 10.0				< 10.0	< 10.0	< 10.0
trans-1,3-Dichloropropene	2011-03	ug/L		< 5.00			< 10.0	< 5.00	< 5.00	< 100	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00
trans-1,3-Dichloropropene	2011-04	ug/L					< 5.00		< 5.00	< 50.0	< 5.00						< 5.00	
trans-1,3-Dichloropropene	2011-06	ug/L		< 5.00									< 5.00		< 5.00	< 5.00	< 5.00	
trans-1,3-Dichloropropene	2011-07	ug/L	< 5.00															
trans-1,3-Dichloropropene	2011-08	ug/L		< 5.00														
trans-1,3-Dichloropropene	2011-09	ug/L	< 5.00	< 5.00			< 5.00	< 5.00	< 5.00	< 50.0	< 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											< 5.00	< 5.00	< 5.00	
trans-1,3-Dichloropropene	2012-03	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	< 5.00	< 5.00
trans-1,3-Dichloropropene	2012-06	ug/L																
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	2013-03	ug/L	< 5.00	< 5.00			< 5.00	< 5.00	< 5.00	< 50.0	< 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	2013-09	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	< 5.00
trans-1,3-Dichloropropene	2013-11	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	< 5.00	< 5.00
trans-1,3-Dichloropropene	2014-06	ug/L																
trans-1,3-Dichloropropene	2014-09	ug/L	< 5	< 5			< 5.00	< 5.00	< 5.00	< 5.00	< 5	< 5	< 5	< 5.00	< 5.00	< 5.00	< 5.00	< 5
trans-1,3-Dichloropropene	2014-12	ug/L															< 5.00	
trans-1,3-Dichloropropene	2015-04	ug/L	< 5.00	< 5			< 5	< 5.00	< 5	< 5	< 5	< 5.00	< 5.00			< 5.00	< 5	< 5
trans-1,3-Dichloropropene	2015-10	ug/L	<5	<5			<5	<5	<5	<5	<5	<5				<5	<5	<5
trans-1,3-Dichloropropene	2016-04	ug/L	<5	<5			<5	<5	<5	<5	<5	<5	<5			<5	<5	<5
trans-1,3-Dichloropropene	2016-10	ug/L	<5	<5			<5	<5	<5	<5	<5	<5	<5			<5	<5	<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	2017-10	ug/L	<5	<5			<5	<5	<5	<5	<5	<5				<5	<5	<5
trans-1,3-Dichloropropene	2017-12	ug/L					<5					<5						<5
trans-1,3-Dichloropropene	2018-04	ug/L	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5			<5	<5	<5
trans-1,3-Dichloropropene	2018-07	ug/L											<5					
trans-1,3-Dichloropropene	2018-10	ug/L	<5	<5			<5	<5	<5	<5	<5	<5	<5			<5	<5	<5
trans-1,3-Dichloropropene	2019-01	ug/L																
trans-1,3-Dichloropropene	2019-03	ug/L	<5	<5			<5	<5	<5	<5	<5	<5	<5			<5	<5	<5
trans-1,3-Dichloropropene	2019-05	ug/L																
trans-1,3-Dichloropropene	2019-10	ug/L	<5	<5			<5	<5	<5	<5	<5	<5	<5			<5	<5	<5
trans-1,3-Dichloropropene	2020-03	ug/L	<5	<5			<5	<5	<5	<5	<5	<5	<5			<5	<5	<5
trans-1,3-Dichloropropene	2020-09	ug/L	<5	<5			<5	<5	<5	<5	<5	<5	<5			<1	<5	<5
trans-1,3-Dichloropropene	2021-03	ug/L	<5	<5			<5	<5	<5	<5	<5	<5	<5			<5	<5	<5
trans-1,3-Dichloropropene	2021-05	ug/L																
trans-1,3-Dichloropropene	2021-08	ug/L																
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	2021-12	ug/L																
trans-1,3-Dichloropropene	2022-02	ug/L	<5		<5	<5												
trans-1,3-Dichloropropene	2022-04	ug/L	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5			<5	<5	<5
trans-1,3-Dichloropropene	2022-07	ug/L			<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	2023-04	ug/L	<5	<5		<5	<5	<5	<5	<5	<5	<5	<5			<5	<5	<5
trans-1,3-Dichloropropene	2023-05	ug/L			<5													
trans-1,3-Dichloropropene	2023-10	ug/L	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				<5	<5	<5
trans-1,3-Dichloropropene	2024-04	ug/L	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5			<5	<5	<5
trans-1,3-Dichloropropene	2024-09	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5			< 5	< 5	< 5
trans-1,3-Dichloropropene	2025-03	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5			< 5	< 5	< 5
trans-1,3-Dichloropropene	2025-08	ug/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5			< 5	< 5	< 5
trans-1,4-Dichloro-2-butene	2008-01	ug/L					< 10	< 10	< 10.0	< 10	< 10	< 10	< 10	< 10	< 10			
trans-1,4-Dichloro-2-butene	2008-03	ug/L					< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0			
trans-1,4-Dichloro-2-butene	2008-08	ug/L					< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10			
trans-1,4-Dichloro-2-butene	2008-09	ug/L					< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10			

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Table 20
Analytical Data Summary
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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
trans-1,3-Dichloropropene	2010-06	ug/L	~~< 5.00~~	~~< 5.00~~														
trans-1,3-Dichloropropene	2010-08	ug/L	~~< 10.0~~	~~< 10.0~~														
trans-1,3-Dichloropropene	2010-09	ug/L	~~< 10.0~~	~~< 10.0~~														
trans-1,3-Dichloropropene	2010-12	ug/L	~~< 10.0~~	~~< 10.0~~														
trans-1,3-Dichloropropene	2011-03	ug/L	~~< 5.00~~	~~< 5.00~~														
trans-1,3-Dichloropropene	2011-04	ug/L																
trans-1,3-Dichloropropene	2011-06	ug/L																
trans-1,3-Dichloropropene	2011-07	ug/L																
trans-1,3-Dichloropropene	2011-08	ug/L																
trans-1,3-Dichloropropene	2011-09	ug/L	~~< 5.00~~	~~< 5.00~~														
trans-1,3-Dichloropropene	2011-12	ug/L																
trans-1,3-Dichloropropene	2012-03	ug/L	~~< 5.00~~	~~< 5.00~~														
trans-1,3-Dichloropropene	2012-06	ug/L									~~< 5.00~~	~~< 5.00~~		~~< 5.00~~		~~< 5.00~~	~~< 5.00~~	
trans-1,3-Dichloropropene	2012-10	ug/L																
trans-1,3-Dichloropropene	2013-03	ug/L	~~< 5.00~~								~~< 5.00~~							
trans-1,3-Dichloropropene	2013-06	ug/L			~~< 5.00~~													
trans-1,3-Dichloropropene	2013-09	ug/L	~~< 5.00~~	~~< 5.00~~	~~< 5.00~~						~~< 5.00~~							
trans-1,3-Dichloropropene	2013-11	ug/L			~~< 5.00~~													
trans-1,3-Dichloropropene	2014-03	ug/L	~~< 5.00~~		~~< 5.00~~						~~< 5.00~~							
trans-1,3-Dichloropropene	2014-06	ug/L		~~< 5.00~~	~~< 5.00~~													
trans-1,3-Dichloropropene	2014-09	ug/L	~~< 5~~	~~< 5~~	~~< 5~~						~~< 5~~							
trans-1,3-Dichloropropene	2014-12	ug/L																
trans-1,3-Dichloropropene	2015-04	ug/L	< 5.00	< 5.00	< 5.00						< 5							
trans-1,3-Dichloropropene	2015-10	ug/L	<5	<5	<5						<5					<5	<5	
trans-1,3-Dichloropropene	2016-04	ug/L	<5	<5	<5						<5					<5	<5	
trans-1,3-Dichloropropene	2016-10	ug/L	<5	<5	<5						<5					<5	<5	
trans-1,3-Dichloropropene	2017-03	ug/L	<5	<5	<5						<5					<5	<5	
trans-1,3-Dichloropropene	2017-10	ug/L	<5	<5	<5						<5					<5	<5	
trans-1,3-Dichloropropene	2017-12	ug/L			<5													
trans-1,3-Dichloropropene	2018-04	ug/L	<5	<5	<5						<5					<5	<5	
trans-1,3-Dichloropropene	2018-07	ug/L								<5								
trans-1,3-Dichloropropene	2018-10	ug/L	<5	<5	<5					<5	<5					<5	<5	
trans-1,3-Dichloropropene	2019-01	ug/L								<5								
trans-1,3-Dichloropropene	2019-03	ug/L	<5	<5	<5					<5	<5					<5	<5	
trans-1,3-Dichloropropene	2019-05	ug/L		<5						<5								
trans-1,3-Dichloropropene	2019-10	ug/L	<5	<5	<5					<5	<5					<5	<5	
trans-1,3-Dichloropropene	2020-03	ug/L	<5	<5	<5					<5	<5					<5	<5	
trans-1,3-Dichloropropene	2020-09	ug/L	<5	<5	<5					<5	<5					<5	<5	
trans-1,3-Dichloropropene	2021-03	ug/L	<5	<5	<5			<5	<5	<5	<5					<5	<5	
trans-1,3-Dichloropropene	2021-05	ug/L	<5															
trans-1,3-Dichloropropene	2021-08	ug/L						<5	<5									
trans-1,3-Dichloropropene	2021-10	ug/L	<5	<5	<5			<5	<5	<5	<5							
trans-1,3-Dichloropropene	2021-12	ug/L	<5															
trans-1,3-Dichloropropene	2022-02	ug/L						<5	<5									
trans-1,3-Dichloropropene	2022-04	ug/L	<5	<5	<5			<5	<5	<5	<5							
trans-1,3-Dichloropropene	2022-07	ug/L																
trans-1,3-Dichloropropene	2022-10	ug/L	<5	<5	<5			<5	<5	<5	<5							
trans-1,3-Dichloropropene	2023-04	ug/L	<5	<5	<5			<5	<5	<5	<5							
trans-1,3-Dichloropropene	2023-05	ug/L																
trans-1,3-Dichloropropene	2023-10	ug/L	<5	<5	<5			<5	<5	<5	<5							
trans-1,3-Dichloropropene	2024-04	ug/L	<5	<5	<5			<5	<5	<5	<5							
trans-1,3-Dichloropropene	2024-09	ug/L	< 5	< 5	< 5			< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,3-Dichloropropene	2025-03	ug/L	< 5	< 5	< 5			< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,3-Dichloropropene	2025-08	ug/L	< 5	< 5	< 5			< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
trans-1,4-Dichloro-2-butene	2008-01	ug/L																
trans-1,4-Dichloro-2-butene	2008-03	ug/L																
trans-1,4-Dichloro-2-butene	2008-08	ug/L																
trans-1,4-Dichloro-2-butene	2008-09	ug/L																

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Table 20
Analytical Data Summary
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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
trans-1,4-Dichloro-2-butene	2008-10	ug/L					~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~			
trans-1,4-Dichloro-2-butene	2009-03	ug/L					~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10~~			
trans-1,4-Dichloro-2-butene	2009-06	ug/L					~~< 50.0~~	~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10~~			~~< 10.0~~				
trans-1,4-Dichloro-2-butene	2009-09	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			
trans-1,4-Dichloro-2-butene	2009-12	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~				
trans-1,4-Dichloro-2-butene	2010-03	ug/L					~~< 10.0~~	~~< 10.0~~	~~< 50.0~~	~~< 50.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 50.0~~	~~< 10.0~~			
trans-1,4-Dichloro-2-butene	2010-06	ug/L										~~< 10.0~~				~~< 10.0~~	~~< 10.0~~	~~< 10.0~~
trans-1,4-Dichloro-2-butene	2010-08	ug/L										~~< 10.0~~	~~< 10.0~~			~~< 10.0~~	~~< 10.0~~	~~< 10.0~~
trans-1,4-Dichloro-2-butene	2010-09	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	2010-12	ug/L										~~< 10.0~~				~~< 10.0~~	~~< 10.0~~	~~< 10.0~~
trans-1,4-Dichloro-2-butene	2011-03	ug/L		~~< 10.0~~			~~< 75.0~~	~~< 10.0~~	~~< 10.0~~	~~< 750~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~
trans-1,4-Dichloro-2-butene	2011-04	ug/L					~~< 10.0~~		~~< 10.0~~	~~< 100~~	~~< 10.0~~						~~< 10.0~~	
trans-1,4-Dichloro-2-butene	2011-06	ug/L		~~< 10.0~~									~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
trans-1,4-Dichloro-2-butene	2011-07	ug/L	~~< 10.0~~															
trans-1,4-Dichloro-2-butene	2011-08	ug/L		~~< 10.0~~														
trans-1,4-Dichloro-2-butene	2011-09	ug/L	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 100~~	~~< 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~~											~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	
trans-1,4-Dichloro-2-butene	2012-03	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~~	~~< 10.0~~	~~< 10.0~~
trans-1,4-Dichloro-2-butene	2012-06	ug/L																
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	2013-03	ug/L	~~< 10.0~~	~~< 10.0~~			~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 100~~	~~< 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	2013-09	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~~	~~< 10.0~~
trans-1,4-Dichloro-2-butene	2013-11	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~~	~~< 10.0~~	~~< 10.0~~
trans-1,4-Dichloro-2-butene	2014-06	ug/L																
trans-1,4-Dichloro-2-butene	2014-09	ug/L	~~< 10~~	~~< 10~~			~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10~~	~~< 10~~	~~< 10~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~	~~< 10~~
trans-1,4-Dichloro-2-butene	2014-12	ug/L															~~< 10.0~~	
trans-1,4-Dichloro-2-butene	2015-04	ug/L	< 10.0	< 10			< 10	< 10.0	< 10	< 10	< 10	< 10.0	< 10.0			< 10.0	< 10	< 10
trans-1,4-Dichloro-2-butene	2015-10	ug/L	<10	<10			<10	<10	<10	<10	<10	<10				<10	<10	<10
trans-1,4-Dichloro-2-butene	2016-04	ug/L	<10	<10			<10	<10	<10	<10	<10	<10	<10			<10	<10	<10
trans-1,4-Dichloro-2-butene	2016-10	ug/L	<10	<10			<10	<10	<10	<10	<10	<10	<10			<10	<10	<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	2017-10	ug/L	<10	<10			<10	<10	<10	<10	<10	<10				<10	<10	<10
trans-1,4-Dichloro-2-butene	2017-12	ug/L					<10					<10						<10
trans-1,4-Dichloro-2-butene	2018-04	ug/L	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10			<10	<10	<10
trans-1,4-Dichloro-2-butene	2018-07	ug/L											<10					
trans-1,4-Dichloro-2-butene	2018-10	ug/L	<10	<10			<10	<10	<10	<10	<10	<10	<10			<10	<10	<10
trans-1,4-Dichloro-2-butene	2019-01	ug/L																
trans-1,4-Dichloro-2-butene	2019-03	ug/L	<10	<10			<10	<10	<10	<10	<10	<10	<10			<10	<10	<10
trans-1,4-Dichloro-2-butene	2019-05	ug/L																
trans-1,4-Dichloro-2-butene	2019-10	ug/L	<10	<10			<10	<10	<10	<10	<10	<10	<10			<10	<10	<10
trans-1,4-Dichloro-2-butene	2020-03	ug/L	<10	<10			<10	<10	<10	<10	<10	<10	<10			<10	<10	<10
trans-1,4-Dichloro-2-butene	2020-09	ug/L	<10	<10			<10	<10	<10	<10	<10	<10	<10			<5	<10	<10
trans-1,4-Dichloro-2-butene	2021-03	ug/L	<10	<10			<10	<10	<10	<10	<10	<10	<10			<10	<10	<10
trans-1,4-Dichloro-2-butene	2021-05	ug/L																
trans-1,4-Dichloro-2-butene	2021-08	ug/L																
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	2021-12	ug/L																
trans-1,4-Dichloro-2-butene	2022-02	ug/L	<10		<10	<10												
trans-1,4-Dichloro-2-butene	2022-04	ug/L	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10			<10	<10	<10
trans-1,4-Dichloro-2-butene	2022-07	ug/L			<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	2023-04	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													
trans-1,4-Dichloro-2-butene	2023-10	ug/L	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				<10	<10	<10
trans-1,4-Dichloro-2-butene	2024-04	ug/L	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10			<10	<10	<10
trans-1,4-Dichloro-2-butene	2024-09	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10			< 10	< 10	< 10

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Table 20
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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
trans-1,4-Dichloro-2-butene	2008-10	ug/L																
trans-1,4-Dichloro-2-butene	2009-03	ug/L																
trans-1,4-Dichloro-2-butene	2009-06	ug/L																
trans-1,4-Dichloro-2-butene	2009-09	ug/L																
trans-1,4-Dichloro-2-butene	2009-12	ug/L																
trans-1,4-Dichloro-2-butene	2010-03	ug/L																
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~~	~~< 10.0~~														
trans-1,4-Dichloro-2-butene	2010-09	ug/L	~~< 10.0~~	~~< 10.0~~														
trans-1,4-Dichloro-2-butene	2010-12	ug/L	~~< 10.0~~	~~< 10.0~~														
trans-1,4-Dichloro-2-butene	2011-03	ug/L	~~< 10.0~~	~~< 10.0~~														
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	2011-07	ug/L																
trans-1,4-Dichloro-2-butene	2011-08	ug/L																
trans-1,4-Dichloro-2-butene	2011-09	ug/L	~~< 10.0~~	~~< 10.0~~														
trans-1,4-Dichloro-2-butene	2011-12	ug/L																
trans-1,4-Dichloro-2-butene	2012-03	ug/L	~~< 10.0~~	~~< 10.0~~														
trans-1,4-Dichloro-2-butene	2012-06	ug/L									~~< 10.0~~	~~< 10.0~~		~~< 10.0~~		~~< 10.0~~	~~< 10.0~~	
trans-1,4-Dichloro-2-butene	2012-10	ug/L																
trans-1,4-Dichloro-2-butene	2013-03	ug/L	~~< 10.0~~								~~< 10.0~~							
trans-1,4-Dichloro-2-butene	2013-06	ug/L			~~< 10.0~~													
trans-1,4-Dichloro-2-butene	2013-09	ug/L	~~< 10.0~~	~~< 10.0~~	~~< 10.0~~						~~< 10.0~~							
trans-1,4-Dichloro-2-butene	2013-11	ug/L			~~< 10.0~~													
trans-1,4-Dichloro-2-butene	2014-03	ug/L	~~< 10.0~~		~~< 10.0~~						~~< 10.0~~							
trans-1,4-Dichloro-2-butene	2014-06	ug/L		~~< 10.0~~	~~< 10.0~~													
trans-1,4-Dichloro-2-butene	2014-09	ug/L	~~< 10~~	~~< 10~~	~~< 10~~						~~< 10~~							
trans-1,4-Dichloro-2-butene	2014-12	ug/L																
trans-1,4-Dichloro-2-butene	2015-04	ug/L	< 10.0	< 10.0	< 10.0						< 10							
trans-1,4-Dichloro-2-butene	2015-10	ug/L	<10	<10	<10						<10					<10	<10	
trans-1,4-Dichloro-2-butene	2016-04	ug/L	<10	<10	<10						<10					<10	<10	
trans-1,4-Dichloro-2-butene	2016-10	ug/L	<10	<10	<10						<10					<10	<10	
trans-1,4-Dichloro-2-butene	2017-03	ug/L	<10	<10	<10						<10					<10	<10	
trans-1,4-Dichloro-2-butene	2017-10	ug/L	<10	<10	<10						<10					<10	<10	
trans-1,4-Dichloro-2-butene	2017-12	ug/L			<10													
trans-1,4-Dichloro-2-butene	2018-04	ug/L	<10	<10	<10						<10					<10	<10	
trans-1,4-Dichloro-2-butene	2018-07	ug/L								<10								
trans-1,4-Dichloro-2-butene	2018-10	ug/L	<10	<10	<10					<10	<10					<10	<10	
trans-1,4-Dichloro-2-butene	2019-01	ug/L								<10								
trans-1,4-Dichloro-2-butene	2019-03	ug/L	<10	<10	<10					<10	<10					<10	<10	
trans-1,4-Dichloro-2-butene	2019-05	ug/L		<10						<10								
trans-1,4-Dichloro-2-butene	2019-10	ug/L	<10	<10	<10					<10	<10					<10	<10	
trans-1,4-Dichloro-2-butene	2020-03	ug/L	<10	<10	<10					<10	<10					<10	<10	
trans-1,4-Dichloro-2-butene	2020-09	ug/L	<10	<10	<10					<10	<10					<10	<10	
trans-1,4-Dichloro-2-butene	2021-03	ug/L	<10	<10	<10			<10	<10	<10	<10					<10	<10	
trans-1,4-Dichloro-2-butene	2021-05	ug/L	<10															
trans-1,4-Dichloro-2-butene	2021-08	ug/L						<10	<10									
trans-1,4-Dichloro-2-butene	2021-10	ug/L	<10	<10	<10			<10	<10	<10	<10							
trans-1,4-Dichloro-2-butene	2021-12	ug/L	<10															
trans-1,4-Dichloro-2-butene	2022-02	ug/L						<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	2022-07	ug/L																
trans-1,4-Dichloro-2-butene	2022-10	ug/L	<10	<10	<10			<10	<10	<10	<10							
trans-1,4-Dichloro-2-butene	2023-04	ug/L	<10	<10	<10			<10	<10	<10	<10							
trans-1,4-Dichloro-2-butene	2023-05	ug/L																
trans-1,4-Dichloro-2-butene	2023-10	ug/L	<10	<10	<10			<10	<10	<10	<10							
trans-1,4-Dichloro-2-butene	2024-04	ug/L	<10	<10	<10			<10	<10	<10	<10							
trans-1,4-Dichloro-2-butene	2024-09	ug/L	< 10	< 10	< 10			< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
trans-1,4-Dichloro-2-butene	2025-03	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10			< 10	< 10	< 10
trans-1,4-Dichloro-2-butene	2025-08	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10			< 10	< 10	< 10
Trichloroethene	2008-01	ug/L					~~< 1~~	~~< 1~~	~~< 1.00~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~			
Trichloroethene	2008-03	ug/L					~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~			
Trichloroethene	2008-08	ug/L					~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~			
Trichloroethene	2008-09	ug/L					~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~			
Trichloroethene	2008-10	ug/L					~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~			
Trichloroethene	2009-03	ug/L					~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~			
Trichloroethene	2009-06	ug/L					~~< 5.00~~	~~< 1~~	~~< 1~~	~~< 1.00~~	~~< 1~~			~~< 1.00~~				
Trichloroethene	2009-09	ug/L					~~< 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~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~			~~< 1.00~~				
Trichloroethene	2010-03	ug/L					~~< 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~~	~~< 1.00~~	~~< 1.00~~
Trichloroethene	2010-08	ug/L										~~< 1.00~~	~~< 1.00~~			~~< 1.00~~	~~< 1.00~~	~~< 1.00~~
Trichloroethene	2010-09	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	2010-12	ug/L										~~< 1.00~~				~~< 1.00~~	~~< 1.00~~	~~< 1.00~~
Trichloroethene	2011-03	ug/L		~~< 1.00~~			~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 10.0~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~
Trichloroethene	2011-04	ug/L					~~< 1.00~~		~~< 1.00~~	~~< 10.0~~	~~< 1.00~~						~~< 1.00~~	
Trichloroethene	2011-06	ug/L		~~< 1.00~~									~~< 1.00~~		~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	
Trichloroethene	2011-07	ug/L	~~< 1.00~~															
Trichloroethene	2011-08	ug/L		~~< 1.00~~														
Trichloroethene	2011-09	ug/L	~~< 1.00~~	~~< 1.00~~			~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 10.0~~	~~< 1.00~~	~~< 1.00~~		~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~
Trichloroethene	2011-12	ug/L	~~< 1.00~~	~~< 1.00~~											~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	
Trichloroethene	2012-03	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~~	~~< 1.00~~	~~< 1.00~~
Trichloroethene	2012-06	ug/L																
Trichloroethene	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~~
Trichloroethene	2013-03	ug/L	~~< 1.00~~	**~~0.289~~**			~~< 1.00~~	~~< 1.00~~	**~~0.333~~**	~~< 10.0~~	~~< 1.00~~	~~< 1.00~~		~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~
Trichloroethene	2013-06	ug/L																
Trichloroethene	2013-09	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~~	~~< 1.00~~
Trichloroethene	2013-11	ug/L																
Trichloroethene	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~~	~~< 1.00~~	~~< 1.00~~
Trichloroethene	2014-06	ug/L																
Trichloroethene	2014-09	ug/L	~~< 1~~	~~< 1~~			~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1~~
Trichloroethene	2014-12	ug/L															~~< 1.00~~	
Trichloroethene	2015-04	ug/L	< 1.00	< 1			< 1	< 1.00	< 1	< 1	< 1	< 1.00	< 1.00			< 1.00	< 1	< 1
Trichloroethene	2015-10	ug/L	<1	<1			<1	<1	<1	<1	<1	<1				<1	<1	<1
Trichloroethene	2016-04	ug/L	<1	<1			<1	<1	**0.29 J**	<1	<1	<1	<1			<1	<1	<1
Trichloroethene	2016-10	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Trichloroethene	2017-03	ug/L	<1	<1			<1	<1	**0.537 J**	<1	<1	<1	<1			<1	<1	<1
Trichloroethene	2017-10	ug/L	<1	<1			<1	<1	**~~1.39 o~~**	<1	<1	<1				<1	<1	<1
Trichloroethene	2017-12	ug/L					<1					<1						<1
Trichloroethene	2018-04	ug/L	<1	<1	<1		<1	<1	**0.397 J**	<1	<1	<1	<1			<1	<1	<1
Trichloroethene	2018-07	ug/L											<1					
Trichloroethene	2018-10	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Trichloroethene	2019-01	ug/L																
Trichloroethene	2019-03	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Trichloroethene	2019-05	ug/L																
Trichloroethene	2019-10	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Trichloroethene	2020-03	ug/L	<1	<1			<1	<1	**0.671 J**	<1	<1	<1	<1			<1	<1	<1
Trichloroethene	2020-09	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Trichloroethene	2021-03	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Trichloroethene	2021-05	ug/L																
Trichloroethene	2021-08	ug/L																
Trichloroethene	2021-10	ug/L	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Trichloroethene	2021-12	ug/L																
Trichloroethene	2022-02	ug/L	<1		<1	<1												
Trichloroethene	2022-04	ug/L	<1	<1	<1	<1	<1	<1	**0.757 J**	<1	<1	<1	<1			<1	<1	<1
Trichloroethene	2022-07	ug/L			<1	<1												

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Table 20
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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
trans-1,4-Dichloro-2-butene	2025-03	ug/L	< 10	< 10	< 10			< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
trans-1,4-Dichloro-2-butene	2025-08	ug/L	< 10	< 10	< 10			< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Trichloroethene	2008-01	ug/L																
Trichloroethene	2008-03	ug/L																
Trichloroethene	2008-08	ug/L																
Trichloroethene	2008-09	ug/L																
Trichloroethene	2008-10	ug/L																
Trichloroethene	2009-03	ug/L																
Trichloroethene	2009-06	ug/L																
Trichloroethene	2009-09	ug/L																
Trichloroethene	2009-12	ug/L																
Trichloroethene	2010-03	ug/L																
Trichloroethene	2010-06	ug/L	~~< 1.00~~	~~< 1.00~~														
Trichloroethene	2010-08	ug/L	~~< 1.00~~	~~< 1.00~~														
Trichloroethene	2010-09	ug/L	~~< 1.00~~	~~< 1.00~~														
Trichloroethene	2010-12	ug/L	~~< 1.00~~	~~< 1.00~~														
Trichloroethene	2011-03	ug/L	~~< 1.00~~	~~< 1.00~~														
Trichloroethene	2011-04	ug/L																
Trichloroethene	2011-06	ug/L																
Trichloroethene	2011-07	ug/L																
Trichloroethene	2011-08	ug/L																
Trichloroethene	2011-09	ug/L	~~< 1.00~~	~~< 1.00~~														
Trichloroethene	2011-12	ug/L																
Trichloroethene	2012-03	ug/L	~~< 1.00~~	~~< 1.00~~														
Trichloroethene	2012-06	ug/L									~~< 1.00~~	~~< 1.00~~		~~< 1.00~~		~~< 1.00~~	~~< 1.00~~	
Trichloroethene	2012-10	ug/L																
Trichloroethene	2013-03	ug/L	~~< 1.00~~								~~< 1.00~~							
Trichloroethene	2013-06	ug/L			~~< 1.00~~													
Trichloroethene	2013-09	ug/L	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~						~~< 1.00~~							
Trichloroethene	2013-11	ug/L			~~< 1.00~~													
Trichloroethene	2014-03	ug/L	~~< 1.00~~		~~< 1.00~~						~~< 1.00~~							
Trichloroethene	2014-06	ug/L		~~< 1.00~~	~~< 1.00~~													
Trichloroethene	2014-09	ug/L	~~< 1~~	~~< 1~~	~~< 1~~						~~< 1~~							
Trichloroethene	2014-12	ug/L																
Trichloroethene	2015-04	ug/L	< 1.00	< 1.00	< 1.00						< 1							
Trichloroethene	2015-10	ug/L	<1	<1	<1						<1					<1	<1	
Trichloroethene	2016-04	ug/L	<1	<1	<1						<1					<1	<1	
Trichloroethene	2016-10	ug/L	<1	<1	<1						<1					<1	<1	
Trichloroethene	2017-03	ug/L	<1	<1	<1						<1					<1	<1	
Trichloroethene	2017-10	ug/L	<1	<1	<1						<1					<1	<1	
Trichloroethene	2017-12	ug/L			<1													
Trichloroethene	2018-04	ug/L	<1	<1	<1						<1					<1	<1	
Trichloroethene	2018-07	ug/L								<1								
Trichloroethene	2018-10	ug/L	<1	<1	<1					<1	<1					<1	<1	
Trichloroethene	2019-01	ug/L								<1								
Trichloroethene	2019-03	ug/L	<1	<1	<1					<1	<1					<1	<1	
Trichloroethene	2019-05	ug/L		<1						<1								
Trichloroethene	2019-10	ug/L	<1	<1	<1					<1	<1					<1	<1	
Trichloroethene	2020-03	ug/L	<1	<1	<1					<1	<1					<1	<1	
Trichloroethene	2020-09	ug/L	<1	<1	<1					<1	<1					<1	<1	
Trichloroethene	2021-03	ug/L	<1	<1	<1			<1	<1	<1	<1					<1	<1	
Trichloroethene	2021-05	ug/L	<1															
Trichloroethene	2021-08	ug/L						<1	<1									
Trichloroethene	2021-10	ug/L	<1	<1	<1			<1	<1	<1	<1							
Trichloroethene	2021-12	ug/L	<1															
Trichloroethene	2022-02	ug/L						<1	<1									
Trichloroethene	2022-04	ug/L	<1	<1	<1			<1	<1	<1	<1							
Trichloroethene	2022-07	ug/L																

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
Trichloroethene	2022-10	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				<1	<1	<1
Trichloroethene	2023-04	ug/L	<1	<1		<1	<1	<1	**0.813 J**	<1	<1	<1	<1			<1	<1	<1
Trichloroethene	2023-05	ug/L			<1													
Trichloroethene	2023-10	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				<1	<1	<1
Trichloroethene	2024-04	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Trichloroethene	2024-09	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1			< 1	< 1	< 1
Trichloroethene	2025-03	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1			< 1	< 1	< 1
Trichloroethene	2025-08	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	**0.452 J**	< 1	< 1	< 1	< 1			< 1	< 1	< 1
Vanadium	2008-01	mg/L					~~< 0.05~~	~~< 0.05~~	~~< 0.0500~~	~~< 0.05~~	~~< 0.05~~	~~< 0.05~~	~~< 0.05~~	**~~0.0711~~**	~~< 0.05~~			
Vanadium	2008-03	mg/L					~~< 0.0500~~	~~< 0.0500~~	~~< 0.0500~~	~~< 0.0500~~	~~< 0.0500~~	~~< 0.0500~~	~~< 0.0500~~	~~< 0.0500~~	~~< 0.0500~~			
Vanadium	2008-08	mg/L					~~< 0.05~~	~~< 0.05~~	~~< 0.05~~	~~< 0.05~~	~~< 0.05~~	~~< 0.05~~	~~< 0.05~~	**~~0.0572~~**	~~< 0.05~~			
Vanadium	2008-09	mg/L					~~< 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~~			
Vanadium	2009-03	mg/L					~~< 0.05~~	~~< 0.05~~	~~< 0.05~~	~~< 0.05~~	~~< 0.05~~	~~< 0.05~~	~~< 0.05~~	~~< 0.05~~	~~< 0.05~~			
Vanadium	2009-06	mg/L					~~< 0.0500~~	~~< 0.05~~	~~< 0.05~~	~~< 0.0500~~	~~< 0.05~~			~~< 0.0500~~				
Vanadium	2009-09	mg/L					~~< 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~~	~~< 0.0500~~	~~< 0.0500~~	~~< 0.0500~~			~~< 0.0500~~				
Vanadium	2010-03	mg/L					~~< 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~~	~~< 0.0500~~	~~< 0.0500~~
Vanadium	2010-08	mg/L										~~< 0.0500~~	~~< 0.0500~~			~~< 0.0500~~	~~< 0.0500~~	~~< 0.0500~~
Vanadium	2010-09	mg/L					~~< 0.0500~~	~~< 0.0500~~	~~< 0.0500~~	~~< 0.0500~~	~~< 0.0500~~	~~< 0.0500~~	~~< 0.0500~~	~~< 0.0500~~	~~< 0.0500~~	~~< 0.0500~~	~~< 0.0500~~	~~< 0.0500~~
Vanadium	2010-12	mg/L										~~< 0.0500~~				~~< 0.0500~~	~~< 0.0500~~	~~< 0.0500~~
Vanadium	2011-03	mg/L		~~< 0.0500~~			~~< 0.0500~~	~~< 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~~		~~< 0.0500~~	~~< 0.0500~~	~~< 0.0500~~	
Vanadium	2011-07	mg/L	~~< 0.0500~~															
Vanadium	2011-08	mg/L		~~< 0.0500~~														
Vanadium	2011-09	mg/L	~~< 0.0500~~	~~< 0.0500~~			~~< 0.0500~~	~~< 0.0500~~	~~< 0.0500~~	~~< 0.0500~~	~~< 0.0500~~	~~< 0.0500~~		~~< 0.0500~~	~~< 0.0500~~	~~< 0.0500~~	~~< 0.0500~~	~~< 0.0500~~
Vanadium	2011-12	mg/L	~~< 0.0500~~	~~< 0.0500~~											~~< 0.0500~~	~~< 0.0500~~	~~< 0.0500~~	
Vanadium	2012-03	mg/L	~~< 0.0500~~	~~< 0.0500~~			~~< 0.0500~~	~~< 0.0500~~	~~< 0.0500~~	~~< 0.0500~~	~~< 0.0500~~	~~< 0.0500~~	~~< 0.0500~~	~~< 0.0500~~	~~< 0.0500~~	~~< 0.0500~~	~~< 0.0500~~	~~< 0.0500~~
Vanadium	2012-04	mg/L																
Vanadium	2012-06	mg/L																
Vanadium	2012-10	mg/L	~~< 0.0500~~	~~< 0.0500~~			~~< 0.0500~~	~~< 0.0500~~	~~< 0.0500~~	~~< 0.0500~~	~~< 0.0500~~			~~< 0.0500~~	~~< 0.0500~~	~~< 0.0500~~	~~< 0.0500~~	~~< 0.0500~~
Vanadium	2013-03	mg/L	~~< 0.0500~~	~~< 0.0500~~			~~< 0.0500~~	~~< 0.0500~~	~~< 0.0500~~	**~~0.0133~~**	~~< 0.0500~~	~~< 0.0500~~		~~< 0.0500~~	**~~0.00315~~**	~~< 0.0500~~	~~< 0.0500~~	**~~0.0187~~**
Vanadium	2013-06	mg/L																
Vanadium	2013-09	mg/L	~~< 0.0500~~	~~< 0.0500~~			~~< 0.0500~~	~~< 0.0500~~	~~< 0.0500~~	**~~0.00383~~**	~~< 0.0500~~	~~< 0.0500~~		~~< 0.0500~~	~~< 0.0500~~	~~< 0.0500~~	~~< 0.0500~~	~~< 0.0500~~
Vanadium	2013-11	mg/L																
Vanadium	2014-03	mg/L	~~< 0.0500~~	~~< 0.0500~~			~~< 0.0500~~	~~< 0.0500~~	~~< 0.0500~~	**~~0.00667~~**	~~< 0.0500~~	~~< 0.0500~~	~~< 0.0500~~	**~~0.00267~~**	~~< 0.0500~~	~~< 0.0500~~	~~< 0.0500~~	~~< 0.0500~~
Vanadium	2014-06	mg/L																
Vanadium	2014-09	mg/L	**~~0.000592~~**	~~< 0.005~~			~~< 0.00500~~	~~< 0.00500~~	~~< 0.00500~~	**~~0.00581~~**	**~~0.000588~~**	**~~0.000986~~**	**~~0.000947~~**	~~< 0.00500~~	~~< 0.00500~~	~~< 0.00500~~	~~< 0.00500~~	**~~0.00152~~**
Vanadium	2014-12	mg/L															~~< 0.00500~~	
Vanadium	2015-04	mg/L	< 0.00500	< 0.005			< 0.005	< 0.00500	< 0.005	**0.00476**	~~< 0.005 o~~	~~< 0.005 o~~	**0.000493**			~~< 0.005 o~~	~~< 0.005 o~~	~~< 0.005 o~~
Vanadium	2015-10	mg/L	<0.05	<0.05			**0.00104 J**	<0.05	**0.000464 J**	**0.00515**	<0.05	**0.000932 J**				<0.05	<0.05	<0.05
Vanadium	2016-04	mg/L	<0.005	<0.005			**0.000313 J**	<0.005	**0.000284 J**	**0.00404 J**	**0.000397 J**	**0.000374 J**	**0.000621 J**			<0.005	<0.005	<0.005
Vanadium	2016-10	mg/L	**0.000278 J**	<0.005			**0.00334 J**	**0.000663 J**	**0.000386 J**	**0.00356 J**	**0.000797 J**	**~~0.00382 o~~**	**~~0.00283 o~~**			**0.000443 J**	**0.00162 J**	**0.00201**
Vanadium	2017-03	mg/L	<0.005	<0.005			<0.005	<0.005	<0.005	**0.00353 J**	<0.005	<0.005	<0.005			<0.005	<0.005	<0.005
Vanadium	2017-10	mg/L	<0.005	<0.005			<0.005	<0.005	<0.005	**0.00329 J**	<0.005	<0.005				<0.005	<0.005	<0.005
Vanadium	2017-12	mg/L					**0.00163 J**					<0.005						**0.00159 J**
Vanadium	2018-04	mg/L	<0.005	**~~0.00646 o~~**	<0.005		**0.00107 J**	**0.000537 J**	<0.005	**0.00355 J**	<0.005	**0.001 J**	**0.000999 J**			**0.000688 J**	<0.005	**0.0011 J**
Vanadium	2018-07	mg/L											**0.000594 J**					
Vanadium	2018-10	mg/L	<0.005	<0.005			**0.0011 J**	<0.005	**0.000559 J**	**0.00234 J**	**0.000774 J**	**0.000772 J**	**0.000915 J**			<0.005	<0.005	<0.005
Vanadium	2019-01	mg/L																
Vanadium	2019-03	mg/L	<0.005	<0.005			**0.00198 J**	<0.005	<0.005	**0.0052**	<0.005	<0.005	<0.005			<0.005	<0.005	<0.005
Vanadium	2019-05	mg/L																
Vanadium	2019-10	mg/L	<0.005	<0.005			**0.0013 J**	<0.005	<0.005	**0.00269 J**	<0.005	**0.001 J**	<0.005			<0.005	<0.005	**0.00102 J**
Vanadium	2020-03	mg/L	**0.000923 J**	<0.005			**0.000993 J**	<0.005	<0.005	**0.00282 J**	<0.005	<0.005	**0.000898 J**			<0.005	<0.005	<0.005
Vanadium	2020-09	mg/L	<0.005	<0.005			**0.00262 J**	<0.005	<0.005	**0.00237 J**	<0.005	**0.000971 J**	<0.005			<0.005	<0.005	<0.005
Vanadium	2020-11	mg/L	**0.00291 J**															
Vanadium	2020-12	mg/L	<0.005															

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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
Trichloroethene	2022-10	ug/L	<1	<1	<1			<1	<1	<1	<1							
Trichloroethene	2023-04	ug/L	<1	<1	<1			<1	<1	<1	<1							
Trichloroethene	2023-05	ug/L																
Trichloroethene	2023-10	ug/L	<1	<1	<1			<1	<1	<1	<1							
Trichloroethene	2024-04	ug/L	<1	<1	<1			<1	<1	<1	<1							
Trichloroethene	2024-09	ug/L	< 1	< 1	< 1			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloroethene	2025-03	ug/L	< 1	< 1	< 1			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloroethene	2025-08	ug/L	< 1	< 1	< 1			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Vanadium	2008-01	mg/L																
Vanadium	2008-03	mg/L																
Vanadium	2008-08	mg/L																
Vanadium	2008-09	mg/L																
Vanadium	2008-10	mg/L																
Vanadium	2009-03	mg/L																
Vanadium	2009-06	mg/L																
Vanadium	2009-09	mg/L																
Vanadium	2009-12	mg/L																
Vanadium	2010-03	mg/L																
Vanadium	2010-06	mg/L	~~< 0.0500~~	~~< 0.0500~~														
Vanadium	2010-08	mg/L	~~< 0.0500~~	~~< 0.0500~~														
Vanadium	2010-09	mg/L	~~< 0.0500~~	~~< 0.0500~~														
Vanadium	2010-12	mg/L	~~< 0.0500~~	~~< 0.0500~~														
Vanadium	2011-03	mg/L	~~< 0.0500~~	~~< 0.0500~~														
Vanadium	2011-06	mg/L																
Vanadium	2011-07	mg/L																
Vanadium	2011-08	mg/L																
Vanadium	2011-09	mg/L	~~< 0.0500~~	~~< 0.0500~~														
Vanadium	2011-12	mg/L																
Vanadium	2012-03	mg/L	~~< 0.0500~~	~~< 0.0500~~														
Vanadium	2012-04	mg/L									~~0.444~~	~~< 0.0500~~		~~< 0.0500~~		~~< 0.0500~~	~~< 0.0500~~	
Vanadium	2012-06	mg/L									~~0.283~~	~~< 0.0500~~		~~< 0.0500~~		~~< 0.0500~~	~~< 0.0500~~	
Vanadium	2012-10	mg/L									~~< 0.0500~~			~~< 0.0500~~		~~< 0.0500~~	~~< 0.0500~~	
Vanadium	2013-03	mg/L	~~< 0.0500~~								~~0.129~~					~~0.0589~~	~~0.00489~~	
Vanadium	2013-06	mg/L			~~0.00824~~													
Vanadium	2013-09	mg/L	~~0.0113~~	~~< 0.0500~~	~~0.03~~						~~0.0862~~					~~0.0416~~	~~0.00288~~	
Vanadium	2013-11	mg/L			~~0.022~~													
Vanadium	2014-03	mg/L	~~< 0.0500~~		~~0.0104~~						~~0.0172~~					~~0.0269~~	~~0.00402~~	
Vanadium	2014-06	mg/L		~~< 0.0500~~	~~0.00596~~													
Vanadium	2014-09	mg/L	~~0.00107~~	~~0.000727~~	~~0.00677~~						~~0.00836~~					~~0.0091~~	~~0.00674~~	
Vanadium	2014-12	mg/L																
Vanadium	2015-04	mg/L	~~< 0.005 o~~	~~< 0.005 o~~	0.00104						0.00244					< 0.00500	< 0.00500	
Vanadium	2015-10	mg/L	<0.05	<0.05	0.00129 J						~~<0.05~~					<0.05	<0.05	
Vanadium	2016-04	mg/L	0.000686 J	~~0.000279 Jo~~	<0.005						<0.005					<0.005	0.000368 J	
Vanadium	2016-10	mg/L	~~0.00237 Jo~~	~~0.00231 Jo~~	0.00425						0.00108 J					0.00324	0.00138 J	
Vanadium	2017-03	mg/L	<0.005	<0.005	<0.005						<0.005					<0.005	<0.005	
Vanadium	2017-10	mg/L	<0.005	<0.005	<0.005						<0.005					<0.005	<0.005	
Vanadium	2017-12	mg/L			<0.005													
Vanadium	2018-04	mg/L	<0.005	0.000748 J	<0.005						<0.005					<0.005	<0.005	
Vanadium	2018-07	mg/L								<0.005								
Vanadium	2018-10	mg/L	<0.005	0.000564 J	<0.005					<0.005	0.000981 J					<0.005	<0.005	
Vanadium	2019-01	mg/L								<0.005								
Vanadium	2019-03	mg/L	<0.005	<0.005	<0.005					<0.005	<0.005					<0.005	<0.005	
Vanadium	2019-05	mg/L		~~<0.005 o~~						<0.005								
Vanadium	2019-10	mg/L	<0.005	<0.005	<0.005					<0.005	<0.005					<0.005	0.000896 J	
Vanadium	2020-03	mg/L	<0.005	<0.005	<0.005					<0.005	<0.005					<0.005	<0.005	
Vanadium	2020-09	mg/L	<0.005	<0.005	<0.005					<0.005	<0.005					<0.005	<0.005	
Vanadium	2020-11	mg/L																
Vanadium	2020-12	mg/L																

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
Vanadium	2021-03	mg/L	<0.005	<0.005			**0.00244 J**	<0.005	<0.005	**0.00427 J**	<0.005	<0.005	<0.005			<0.005	<0.005	<0.005
Vanadium	2021-05	mg/L																
Vanadium	2021-08	mg/L																
Vanadium	2021-10	mg/L	<0.005	<0.005	<0.005		**0.00161 J**	<0.005	<0.005	**0.00326 J**	<0.005	<0.005	<0.005			<0.005	<0.005	<0.005
Vanadium	2021-12	mg/L																
Vanadium	2022-02	mg/L	<0.005		<0.005	<0.005												
Vanadium	2022-04	mg/L	<0.005	<0.005	<0.005	<0.005	**0.0017 J**	<0.005	<0.005	**0.00391 J**	<0.005	<0.005	<0.005			<0.005	<0.005	**0.00161 J**
Vanadium	2022-07	mg/L			<0.005	**0.00173 J**												
Vanadium	2022-10	mg/L	<0.005	~~**0.00255 Jo**~~	<0.005	<0.005	**0.00259 J**	<0.005	<0.005	**0.00391 J**	<0.005	<0.005				<0.005	<0.005	<0.005
Vanadium	2023-04	mg/L	<0.005	<0.005		<0.005	**0.00178 J**	<0.005	<0.005	**0.00299 J**	<0.005	<0.005	<0.005			<0.005	<0.005	<0.005
Vanadium	2023-05	mg/L			<0.005													
Vanadium	2023-10	mg/L	<0.005	<0.005	<0.005	<0.005	**0.00127 J**	<0.005	<0.005	**0.00439 J**	<0.005	<0.005				<0.005	<0.005	<0.005
Vanadium	2024-04	mg/L	<0.005	<0.005	<0.005	<0.005	**0.00123 J**	<0.005	<0.005	**0.00208 J**	<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	**0.00142 J**	< 0.005	< 0.005	**0.00324 J**	< 0.005	< 0.005	< 0.005			< 0.005	< 0.005	< 0.005
Vanadium	2025-03	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	**0.00119 J**	< 0.005	< 0.005	**0.00234 J**	< 0.005	< 0.005	< 0.005			< 0.005	< 0.005	< 0.005
Vanadium	2025-08	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	**0.0019 J**	< 0.005	< 0.005	**0.00252 J**	< 0.005	< 0.005	< 0.005			< 0.005	< 0.005	< 0.005
Vinyl Acetate	2008-01	ug/L					~~< 2~~	~~< 2~~	~~< 2.00~~	~~< 2~~	~~< 2~~	~~< 2~~	~~< 2~~	~~< 2~~	~~< 2~~			
Vinyl Acetate	2008-03	ug/L					~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~			
Vinyl Acetate	2008-08	ug/L					~~< 2~~	~~< 2~~	~~< 2~~	~~< 2~~	~~< 2~~	~~< 2~~	~~< 2~~	~~< 2~~	~~< 2~~			
Vinyl Acetate	2008-09	ug/L					~~< 2~~	~~< 2~~	~~< 2~~	~~< 2~~	~~< 2~~	~~< 2~~	~~< 2~~	~~< 2~~	~~< 2~~			
Vinyl Acetate	2008-10	ug/L					~~< 2~~	~~< 2~~	~~< 2~~	~~< 2~~	~~< 2~~	~~< 2~~	~~< 2~~	~~< 2~~	~~< 2~~			
Vinyl Acetate	2009-03	ug/L					~~< 2~~	~~< 2~~	~~< 2~~	~~< 2~~	~~< 2~~	~~< 2~~	~~< 2~~	~~< 2~~	~~< 2~~			
Vinyl Acetate	2009-06	ug/L					~~< 10.0~~	~~< 2~~	~~< 2~~	~~< 2.00~~	~~< 2~~			~~< 2.00~~				
Vinyl Acetate	2009-09	ug/L					~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~			
Vinyl Acetate	2009-12	ug/L					~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~			~~< 2.00~~				
Vinyl Acetate	2010-03	ug/L					~~< 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~~	~~< 2.00~~	~~< 2.00~~
Vinyl Acetate	2010-08	ug/L										~~< 2.00~~	~~< 2.00~~			~~< 2.00~~	~~< 2.00~~	~~< 2.00~~
Vinyl Acetate	2010-09	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	2010-12	ug/L										~~< 2.00~~				~~< 2.00~~	~~< 2.00~~	~~< 2.00~~
Vinyl Acetate	2011-03	ug/L		~~< 2.00~~			~~< 75.0~~	~~< 2.00~~	~~< 2.00~~	~~< 750~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~
Vinyl Acetate	2011-04	ug/L					~~< 4.00~~		~~< 4.00~~	~~< 40.0~~	~~< 4.00~~						~~< 4.00~~	
Vinyl Acetate	2011-06	ug/L		~~< 2.00~~									~~< 2.00~~		~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	
Vinyl Acetate	2011-07	ug/L	~~< 2.00~~															
Vinyl Acetate	2011-08	ug/L		~~< 2.00~~														
Vinyl Acetate	2011-09	ug/L	~~< 2.00~~	~~< 2.00~~			~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 20.0~~	~~< 2.00~~	~~< 2.00~~		~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~
Vinyl Acetate	2011-12	ug/L	~~< 20.0~~	~~< 2.00~~											~~< 20.0~~	~~< 20.0~~	~~< 20.0~~	
Vinyl Acetate	2012-03	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~~	~~< 10.0~~	~~< 10.0~~
Vinyl Acetate	2012-06	ug/L																
Vinyl Acetate	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~~
Vinyl Acetate	2013-03	ug/L	~~< 2.00~~	~~< 2.00~~			~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 20.0~~	~~< 2.00~~	~~< 2.00~~		~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~
Vinyl Acetate	2013-06	ug/L																
Vinyl Acetate	2013-09	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~~	~~< 2.00~~
Vinyl Acetate	2013-11	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~~	~~< 2.00~~	~~< 2.00~~
Vinyl Acetate	2014-06	ug/L																
Vinyl Acetate	2014-09	ug/L	~~< 2~~	~~< 2~~			~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2~~	~~< 2~~	~~< 2~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~	~~< 2~~
Vinyl Acetate	2014-12	ug/L															~~< 10.0~~	
Vinyl Acetate	2015-04	ug/L	< 10.0	< 10			< 10	< 10.0	< 10	< 10	< 10	< 10.0	< 10.0			< 10.0	< 10	< 10
Vinyl Acetate	2015-10	ug/L	<2	<2			<2	<2	<2	<2	<2	<2				<2	<2	<2
Vinyl Acetate	2016-04	ug/L	<10	<10			<10	<10	<10	<10	<10	<10	<10			<10	<10	<10
Vinyl Acetate	2016-10	ug/L	<10	<10			<10	<10	<10	<10	<10	<10	<10			<10	<10	<10
Vinyl Acetate	2017-03	ug/L	<10	<10			<10	<10	<10	<10	<10	<10	<10			<10	<10	<10
Vinyl Acetate	2017-10	ug/L	<10	<10			<10	<10	<10	<10	<10	<10				<10	<10	<10
Vinyl Acetate	2017-12	ug/L					<10					<10						<10
Vinyl Acetate	2018-04	ug/L	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10			<10	<10	<10
Vinyl Acetate	2018-07	ug/L											<10					

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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
Vanadium	2021-03	mg/L	<0.005	<0.005	<0.005			<0.005	**0.00581**	<0.005	<0.005					<0.005	<0.005	
Vanadium	2021-05	mg/L	<0.005															
Vanadium	2021-08	mg/L						**0.0011 J**	**0.00329 J**									
Vanadium	2021-10	mg/L	<0.005	<0.005	<0.005			<0.005	**0.00834**	<0.005	~~**0.00796**~~							
Vanadium	2021-12	mg/L	<0.005															
Vanadium	2022-02	mg/L						~~**0.00331 Jo**~~	**0.00839**									
Vanadium	2022-04	mg/L	~~<0.035 o~~	<0.005	<0.005			<0.005	**0.00177 J**	<0.005	<0.005							
Vanadium	2022-07	mg/L																
Vanadium	2022-10	mg/L	<0.005	<0.005	<0.005			<0.005	**0.00111 J**	<0.005	~~**0.00394 J**~~							
Vanadium	2023-04	mg/L	<0.005	<0.005	<0.005			<0.005	**0.00318 J**	<0.005	~~**0.00416 J**~~							
Vanadium	2023-05	mg/L																
Vanadium	2023-10	mg/L	<0.005	<0.005	**0.00193 J**			**0.00135 J**	**0.0027 J**	<0.005	**0.00205 J**							
Vanadium	2024-04	mg/L	<0.005	<0.005	<0.005			**0.00551**	**0.00164 J**	<0.005	**0.00143 J**							
Vanadium	2024-05	mg/L						**0.0021 J**				**0.00423 J**	**0.00126 J**	<0.005	<0.005			<0.005
Vanadium	2024-09	mg/L	< 0.005	< 0.005	< 0.005			< 0.005	< 0.005	< 0.005	**0.00124 J**	**0.00608**	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Vanadium	2025-03	mg/L	< 0.005	< 0.005	< 0.005			< 0.005	< 0.005	< 0.005	< 0.005	**0.00472 J**	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Vanadium	2025-08	mg/L	< 0.005	< 0.005	< 0.005			< 0.005	< 0.005	< 0.005	< 0.005	**0.00683**	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Vinyl Acetate	2008-01	ug/L																
Vinyl Acetate	2008-03	ug/L																
Vinyl Acetate	2008-08	ug/L																
Vinyl Acetate	2008-09	ug/L																
Vinyl Acetate	2008-10	ug/L																
Vinyl Acetate	2009-03	ug/L																
Vinyl Acetate	2009-06	ug/L																
Vinyl Acetate	2009-09	ug/L																
Vinyl Acetate	2009-12	ug/L																
Vinyl Acetate	2010-03	ug/L																
Vinyl Acetate	2010-06	ug/L	~~< 2.00~~	~~< 2.00~~														
Vinyl Acetate	2010-08	ug/L	~~< 2.00~~	~~< 2.00~~														
Vinyl Acetate	2010-09	ug/L	~~< 2.00~~	~~< 2.00~~														
Vinyl Acetate	2010-12	ug/L	~~< 2.00~~	~~< 2.00~~														
Vinyl Acetate	2011-03	ug/L	~~< 2.00~~	~~< 2.00~~														
Vinyl Acetate	2011-04	ug/L																
Vinyl Acetate	2011-06	ug/L																
Vinyl Acetate	2011-07	ug/L																
Vinyl Acetate	2011-08	ug/L																
Vinyl Acetate	2011-09	ug/L	~~< 2.00~~	~~< 2.00~~														
Vinyl Acetate	2011-12	ug/L																
Vinyl Acetate	2012-03	ug/L	~~< 10.0~~	~~< 10.0~~														
Vinyl Acetate	2012-06	ug/L									~~< 2.00~~	~~< 2.00~~		~~< 2.00~~		~~< 2.00~~	~~< 2.00~~	
Vinyl Acetate	2012-10	ug/L																
Vinyl Acetate	2013-03	ug/L	~~< 2.00~~								~~< 2.00~~							
Vinyl Acetate	2013-06	ug/L			~~< 2.00~~													
Vinyl Acetate	2013-09	ug/L	~~< 2.00~~	~~< 2.00~~	~~< 2.00~~						~~< 2.00~~							
Vinyl Acetate	2013-11	ug/L			~~< 2.00~~													
Vinyl Acetate	2014-03	ug/L	~~< 2.00~~		~~< 2.00~~						~~< 2.00~~							
Vinyl Acetate	2014-06	ug/L		~~< 2.00~~	~~< 2.00~~													
Vinyl Acetate	2014-09	ug/L	~~< 2~~	~~< 2~~	~~< 2~~						~~< 2~~							
Vinyl Acetate	2014-12	ug/L																
Vinyl Acetate	2015-04	ug/L	< 10.0	< 10.0	< 10.0						< 10							
Vinyl Acetate	2015-10	ug/L	<2	<2	<2						<2					<2	<2	
Vinyl Acetate	2016-04	ug/L	<10	<10	<10						<10					<10	<10	
Vinyl Acetate	2016-10	ug/L	<10	<10	<10						<10					<10	<10	
Vinyl Acetate	2017-03	ug/L	<10	<10	<10						<10					<10	<10	
Vinyl Acetate	2017-10	ug/L	<10	<10	<10						<10					<10	<10	
Vinyl Acetate	2017-12	ug/L			<10													
Vinyl Acetate	2018-04	ug/L	<10	<10	<10						<10					<10	<10	
Vinyl Acetate	2018-07	ug/L								<10								

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
Vinyl Acetate	2018-10	ug/L	<10	<10			<10	<10	<10	<10	<10	<10	<10			<10	<10	<10
Vinyl Acetate	2019-01	ug/L																
Vinyl Acetate	2019-03	ug/L	<10	<10			<10	<10	<10	<10	<10	<10	<10			<10	<10	<10
Vinyl Acetate	2019-05	ug/L																
Vinyl Acetate	2019-10	ug/L	<10	<10			<10	<10	<10	<10	<10	<10	<10			<10	<10	<10
Vinyl Acetate	2020-03	ug/L	<10	<10			<10	<10	<10	<10	<10	<10	<10			<10	<10	<10
Vinyl Acetate	2020-09	ug/L	<10	<10			<10	<10	<10	<10	<10	<10	<10			<10	<10	<10
Vinyl Acetate	2021-03	ug/L	<10	<10			<10	<10	<10	<10	<10	<10	<10			<10	<10	<10
Vinyl Acetate	2021-05	ug/L																
Vinyl Acetate	2021-08	ug/L																
Vinyl Acetate	2021-10	ug/L	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10			<10	<10	<10
Vinyl Acetate	2021-12	ug/L																
Vinyl Acetate	2022-02	ug/L	<10		<10	<10												
Vinyl Acetate	2022-04	ug/L	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10			<10	<10	<10
Vinyl Acetate	2022-07	ug/L			<10	<10												
Vinyl Acetate	2022-10	ug/L	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				<10	<10	<10
Vinyl Acetate	2023-04	ug/L	<10	<10		<10	<10	<10	<10	<10	<10	<10	<10			<10	<10	<10
Vinyl Acetate	2023-05	ug/L			<10													
Vinyl Acetate	2023-10	ug/L	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				<10	<10	<10
Vinyl Acetate	2024-04	ug/L	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10			<10	<10	<10
Vinyl Acetate	2024-09	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10			< 10	< 10	< 10
Vinyl Acetate	2025-03	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10			< 10	< 10	< 10
Vinyl Acetate	2025-08	ug/L	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10			< 10	< 10	< 10
Vinyl Chloride	2008-01	ug/L					~~< 1~~	~~< 1~~	~~< 1.00~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~			
Vinyl Chloride	2008-03	ug/L					~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~			
Vinyl Chloride	2008-08	ug/L					~~< 1~~	~~< 1~~	~~< 1~~	**~~0.46~~**	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~			
Vinyl Chloride	2008-09	ug/L					~~< 1~~	~~< 1~~	~~< 1~~	**~~0.32~~**	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~			
Vinyl Chloride	2008-10	ug/L					~~< 1~~	~~< 1~~	~~< 1~~	**~~0.32~~**	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~			
Vinyl Chloride	2009-03	ug/L					~~< 1~~	~~< 1~~	~~< 1~~	**~~0.7~~**	**~~0.26~~**	~~< 1~~	~~< 1~~	~~< 1~~	~~< 1~~			
Vinyl Chloride	2009-06	ug/L					~~< 5.00~~	~~< 1~~	~~< 1~~	~~< 1.00~~	~~< 1~~			~~< 1.00~~				
Vinyl Chloride	2009-09	ug/L					~~< 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~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~			~~< 1.00~~				
Vinyl Chloride	2010-03	ug/L					~~< 1.00~~	~~< 1.00~~	~~< 2.50~~	~~< 2.50~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 2.50~~	~~< 1.00~~			
Vinyl Chloride	2010-06	ug/L										~~< 1.00~~				~~< 1.00~~	~~< 1.00~~	~~< 1.00~~
Vinyl Chloride	2010-08	ug/L										~~< 1.00~~	~~< 1.00~~			~~< 1.00~~	~~< 1.00~~	~~< 1.00~~
Vinyl Chloride	2010-09	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	2010-12	ug/L										~~< 1.00~~				~~< 1.00~~	~~< 1.00~~	~~< 1.00~~
Vinyl Chloride	2011-03	ug/L		~~< 1.00~~			~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 10.0~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~
Vinyl Chloride	2011-04	ug/L					~~< 1.00~~		~~< 1.00~~	~~< 10.0~~	~~< 1.00~~						~~< 1.00~~	
Vinyl Chloride	2011-06	ug/L		~~< 1.00~~									~~< 1.00~~		~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	
Vinyl Chloride	2011-07	ug/L	~~< 1.00~~															
Vinyl Chloride	2011-08	ug/L		~~< 1.00~~														
Vinyl Chloride	2011-09	ug/L	~~< 1.00~~	~~< 1.00~~			~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 10.0~~	~~< 1.00~~	~~< 1.00~~		~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~
Vinyl Chloride	2011-12	ug/L	~~< 1.00~~	~~< 0.100~~											~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	
Vinyl Chloride	2012-03	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~~	~~< 1.00~~	~~< 1.00~~
Vinyl Chloride	2012-06	ug/L																
Vinyl Chloride	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~~
Vinyl Chloride	2013-03	ug/L	**~~0.287~~**	~~< 1.00~~			~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 10.0~~	~~< 1.00~~	~~< 1.00~~		~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~
Vinyl Chloride	2013-06	ug/L																
Vinyl Chloride	2013-09	ug/L	**~~0.701~~**	~~< 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	2013-11	ug/L																
Vinyl Chloride	2014-03	ug/L	~~< 1.00~~	~~< 1.00~~			~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	**~~0.2~~**	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~
Vinyl Chloride	2014-06	ug/L																
Vinyl Chloride	2014-09	ug/L	~~< 1~~	~~< 1~~			~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	**~~0.172~~**	~~< 1~~	~~< 1~~	~~< 1~~	**~~0.111~~**	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~	~~< 1~~
Vinyl Chloride	2014-12	ug/L															~~< 1.00~~	
Vinyl Chloride	2015-04	ug/L	**0.332**	< 1			< 1	< 1.00	< 1	**0.229**	**~~0.223~~ o**	< 1.00	< 1.00			< 1.00	< 1	< 1
Vinyl Chloride	2015-10	ug/L	**0.293 J**	<1			<1	<1	<1	<1	**0.181 J**	<1				<1	<1	<1
Vinyl Chloride	2016-04	ug/L	<1	<1			<1	<1	<1	<1	**~~0.269~~ Jo**	<1	<1			<1	<1	<1

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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
Vinyl Acetate	2018-10	ug/L	<10	<10	<10					<10	<10					<10	<10	
Vinyl Acetate	2019-01	ug/L								<10								
Vinyl Acetate	2019-03	ug/L	<10	<10	<10					<10	<10					<10	<10	
Vinyl Acetate	2019-05	ug/L		<10						<10								
Vinyl Acetate	2019-10	ug/L	<10	<10	<10					<10	<10					<10	<10	
Vinyl Acetate	2020-03	ug/L	<10	<10	<10					<10	<10					<10	<10	
Vinyl Acetate	2020-09	ug/L	<10	<10	<10					<10	<10					<10	<10	
Vinyl Acetate	2021-03	ug/L	<10	<10	<10			<10	<10	<10	<10					<10	<10	
Vinyl Acetate	2021-05	ug/L	<10															
Vinyl Acetate	2021-08	ug/L						<10	<10									
Vinyl Acetate	2021-10	ug/L	<10	<10	<10			<10	<10	<10	<10							
Vinyl Acetate	2021-12	ug/L	<10															
Vinyl Acetate	2022-02	ug/L						<10	<10									
Vinyl Acetate	2022-04	ug/L	<10	<10	<10			<10	<10	<10	<10							
Vinyl Acetate	2022-07	ug/L																
Vinyl Acetate	2022-10	ug/L	<10	<10	<10			<10	<10	<10	<10							
Vinyl Acetate	2023-04	ug/L	<10	<10	<10			<10	<10	<10	<10							
Vinyl Acetate	2023-05	ug/L																
Vinyl Acetate	2023-10	ug/L	<10	<10	<10			<10	<10	<10	<10							
Vinyl Acetate	2024-04	ug/L	<10	<10	<10			<10	<10	<10	<10							
Vinyl Acetate	2024-09	ug/L	< 10	< 10	< 10			< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Vinyl Acetate	2025-03	ug/L	< 10	< 10	< 10			< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Vinyl Acetate	2025-08	ug/L	< 10	< 10	< 10			< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Vinyl Chloride	2008-01	ug/L																
Vinyl Chloride	2008-03	ug/L																
Vinyl Chloride	2008-08	ug/L																
Vinyl Chloride	2008-09	ug/L																
Vinyl Chloride	2008-10	ug/L																
Vinyl Chloride	2009-03	ug/L																
Vinyl Chloride	2009-06	ug/L																
Vinyl Chloride	2009-09	ug/L																
Vinyl Chloride	2009-12	ug/L																
Vinyl Chloride	2010-03	ug/L																
Vinyl Chloride	2010-06	ug/L	~~< 1.00~~	~~< 1.00~~														
Vinyl Chloride	2010-08	ug/L	~~< 1.00~~	~~< 1.00~~														
Vinyl Chloride	2010-09	ug/L	~~< 1.00~~	~~< 1.00~~														
Vinyl Chloride	2010-12	ug/L	~~< 1.00~~	~~< 1.00~~														
Vinyl Chloride	2011-03	ug/L	~~< 1.00~~	~~< 1.00~~														
Vinyl Chloride	2011-04	ug/L																
Vinyl Chloride	2011-06	ug/L																
Vinyl Chloride	2011-07	ug/L																
Vinyl Chloride	2011-08	ug/L																
Vinyl Chloride	2011-09	ug/L	~~< 1.00~~	~~< 1.00~~														
Vinyl Chloride	2011-12	ug/L																
Vinyl Chloride	2012-03	ug/L	~~< 1.00~~	~~< 1.00~~														
Vinyl Chloride	2012-06	ug/L									~~< 1.00~~	~~< 1.00~~		~~< 1.00~~		~~< 1.00~~	~~< 1.00~~	
Vinyl Chloride	2012-10	ug/L																
Vinyl Chloride	2013-03	ug/L	~~< 1.00~~								~~< 1.00~~							
Vinyl Chloride	2013-06	ug/L			~~< 1.00~~													
Vinyl Chloride	2013-09	ug/L	~~< 1.00~~	~~< 1.00~~	~~< 1.00~~						~~< 1.00~~							
Vinyl Chloride	2013-11	ug/L			~~< 1.00~~													
Vinyl Chloride	2014-03	ug/L	~~< 1.00~~		~~< 1.00~~						~~< 1.00~~							
Vinyl Chloride	2014-06	ug/L		~~< 1.00~~	~~< 1.00~~													
Vinyl Chloride	2014-09	ug/L	~~< 1~~	~~< 1~~	~~< 1~~						~~< 1~~							
Vinyl Chloride	2014-12	ug/L																
Vinyl Chloride	2015-04	ug/L	< 1.00	< 1.00	< 1.00						< 1							
Vinyl Chloride	2015-10	ug/L	<1	<1	<1						<1					<1	<1	
Vinyl Chloride	2016-04	ug/L	<1	<1	<1						<1					<1	<1	

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
Vinyl Chloride	2016-10	ug/L	<1	<1			<1	<1	<1	<1	**0.114 J**	<1	<1			<1	<1	<1
Vinyl Chloride	2017-03	ug/L	<1	<1			<1	<1	<1	**0.153 J**	**0.168 J**	<1	<1			<1	<1	<1
Vinyl Chloride	2017-10	ug/L	<1	<1			<1	<1	<1	<1	**0.167 J**	<1				<1	<1	<1
Vinyl Chloride	2017-12	ug/L					<1					<1						<1
Vinyl Chloride	2018-04	ug/L	<1	<1	<1		<1	<1	<1	**0.145 J**	~~<1 o~~	<1	<1			<1	<1	<1
Vinyl Chloride	2018-07	ug/L											<1					
Vinyl Chloride	2018-10	ug/L	<1	<1			<1	<1	<1	~~<1 o~~	~~<1 o~~	<1	<1			<1	<1	<1
Vinyl Chloride	2019-01	ug/L																
Vinyl Chloride	2019-03	ug/L	<1	<1			<1	<1	<1	~~<1 o~~	~~<1 o~~	<1	<1			<1	<1	<1
Vinyl Chloride	2019-05	ug/L																
Vinyl Chloride	2019-10	ug/L	<1	<1			<1	<1	<2	<1	<1	<1	<1			<2	<1	<1
Vinyl Chloride	2020-03	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Vinyl Chloride	2020-09	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Vinyl Chloride	2021-03	ug/L	<1	<1			<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Vinyl Chloride	2021-05	ug/L																
Vinyl Chloride	2021-08	ug/L																
Vinyl Chloride	2021-10	ug/L	**0.235 J**	<1	**0.251 J**		<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Vinyl Chloride	2021-12	ug/L																
Vinyl Chloride	2022-02	ug/L	<1		**0.452 J**	<1												
Vinyl Chloride	2022-04	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Vinyl Chloride	2022-07	ug/L			**0.304 J**	<1												
Vinyl Chloride	2022-10	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	**0.192 J**	<1				<1	<1	<1
Vinyl Chloride	2023-04	ug/L	<1	<1		<1	<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Vinyl Chloride	2023-05	ug/L			**0.345 J**													
Vinyl Chloride	2023-10	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				<1	<1	<1
Vinyl Chloride	2024-04	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1			<1	<1	<1
Vinyl Chloride	2024-09	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1			< 1	< 1	< 1
Vinyl Chloride	2025-03	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1			< 1	< 1	< 1
Vinyl Chloride	2025-08	ug/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1			< 1	< 1	< 1
Xylenes, Total	2008-01	ug/L					~~< 3~~	~~< 3~~	~~< 3.00~~	~~< 3~~	~~< 3~~	~~< 3~~	~~< 3~~	~~< 3~~	~~< 3~~			
Xylenes, Total	2008-03	ug/L					~~< 3.00~~	~~< 3.00~~	~~< 3.00~~	~~< 3.00~~	~~< 3.00~~	~~< 3.00~~	~~< 3.00~~	~~< 3.00~~	~~< 3.00~~			
Xylenes, Total	2008-08	ug/L					~~< 3~~	~~< 3~~	~~< 3~~	**~~0.41~~**	~~< 3~~	~~< 3~~	~~< 3~~	~~< 3~~	~~< 3~~			
Xylenes, Total	2008-09	ug/L					~~< 3~~	~~< 3~~	~~< 3~~	**~~0.6~~**	~~< 3~~	~~< 3~~	**~~0.48~~**	**~~0.43~~**	**~~0.4~~**			
Xylenes, Total	2008-10	ug/L					~~< 3~~	~~< 3~~	~~< 3~~	**~~0.53~~**	~~< 3~~	~~< 3~~	~~< 3~~	~~< 3~~	~~< 3~~			
Xylenes, Total	2009-03	ug/L					~~< 3~~	~~< 3~~	~~< 3~~	**~~0.75~~**	~~< 3~~	~~< 3~~	~~< 3~~	~~< 3~~	~~< 3~~			
Xylenes, Total	2009-06	ug/L					~~< 15.0~~	~~< 3~~	~~< 3~~	~~< 3.00~~	~~< 3~~			~~< 3.00~~				
Xylenes, Total	2009-09	ug/L					~~< 3.00~~	~~< 3.00~~	~~< 3.00~~	~~< 3.00~~	~~< 3.00~~	~~< 3.00~~	~~< 3.00~~	~~< 3.00~~	~~< 3.00~~			
Xylenes, Total	2009-12	ug/L					~~< 7.00~~	~~< 7.00~~	~~< 7.00~~	~~< 4.00~~	~~< 4.00~~			~~< 4.00~~				
Xylenes, Total	2010-03	ug/L					~~< 3.00~~	~~< 3.00~~	~~< 7.50~~	~~< 7.50~~	~~< 3.00~~	~~< 3.00~~	~~< 3.00~~	~~< 7.50~~	~~< 3.00~~			
Xylenes, Total	2010-06	ug/L										~~< 3.00~~				~~< 3.00~~	~~< 3.00~~	~~< 3.00~~
Xylenes, Total	2010-08	ug/L										~~< 3.00~~	~~< 3.00~~			~~< 3.00~~	~~< 3.00~~	~~< 3.00~~
Xylenes, Total	2010-09	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	2010-12	ug/L										~~< 3.00~~				~~< 3.00~~	~~< 3.00~~	~~< 3.00~~
Xylenes, Total	2011-03	ug/L		~~< 3.00~~			~~< 3.00~~	~~< 3.00~~	~~< 3.00~~	~~< 30.0~~	~~< 3.00~~	~~< 3.00~~	~~< 3.00~~	~~< 3.00~~	~~< 3.00~~	~~< 3.00~~	~~< 3.00~~	~~< 3.00~~
Xylenes, Total	2011-04	ug/L					~~< 3.00~~		~~< 3.00~~	~~< 30.0~~	~~< 3.00~~						~~< 3.00~~	
Xylenes, Total	2011-06	ug/L		~~< 3.00~~									~~< 3.00~~		~~< 3.00~~	~~< 3.00~~	~~< 3.00~~	
Xylenes, Total	2011-07	ug/L	~~< 3.00~~															
Xylenes, Total	2011-08	ug/L		~~< 3.00~~														
Xylenes, Total	2011-09	ug/L	~~< 3.00~~	~~< 3.00~~			~~< 3.00~~	~~< 3.00~~	~~< 3.00~~	~~< 30.0~~	~~< 3.00~~	~~< 3.00~~		~~< 3.00~~	~~< 3.00~~	~~< 3.00~~	~~< 3.00~~	~~< 3.00~~
Xylenes, Total	2011-12	ug/L	~~< 3.00~~	~~< 3.00~~											~~< 3.00~~	~~< 3.00~~	~~< 3.00~~	
Xylenes, Total	2012-03	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~~	~~< 3.00~~	~~< 3.00~~
Xylenes, Total	2012-06	ug/L																
Xylenes, Total	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~~
Xylenes, Total	2013-03	ug/L	~~< 3.00~~	~~< 3.00~~			~~< 3.00~~	~~< 3.00~~	~~< 3.00~~	~~< 30.0~~	~~< 3.00~~	~~< 3.00~~		~~< 3.00~~	~~< 3.00~~	~~< 3.00~~	~~< 3.00~~	~~< 3.00~~
Xylenes, Total	2013-06	ug/L																
Xylenes, Total	2013-09	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~~	~~< 3.00~~
Xylenes, Total	2013-11	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~~	~~< 3.00~~	~~< 3.00~~

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Analytical Data Summary
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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
Vinyl Chloride	2016-10	ug/L	<1	<1	<1						<1					<1	<1	
Vinyl Chloride	2017-03	ug/L	<1	<1	<1						<1					<1	<1	
Vinyl Chloride	2017-10	ug/L	<1	<1	<1						<1					<1	<1	
Vinyl Chloride	2017-12	ug/L			<1													
Vinyl Chloride	2018-04	ug/L	<1	<1	<1						<1					<1	<1	
Vinyl Chloride	2018-07	ug/L								<1								
Vinyl Chloride	2018-10	ug/L	<1	<1	<1					<1	<1					<1	<1	
Vinyl Chloride	2019-01	ug/L								<1								
Vinyl Chloride	2019-03	ug/L	<1	<1	<1					<1	<1					<1	<1	
Vinyl Chloride	2019-05	ug/L		<1						<1								
Vinyl Chloride	2019-10	ug/L	<1	<1	<1					<1	<1					<1	<1	
Vinyl Chloride	2020-03	ug/L	<1	<1	<1					<1	<1					<1	<1	
Vinyl Chloride	2020-09	ug/L	<1	<1	<1					<1	<1					<1	<1	
Vinyl Chloride	2021-03	ug/L	<1	<1	<1			<1	<1	<1	<1					<1	<1	
Vinyl Chloride	2021-05	ug/L	<1															
Vinyl Chloride	2021-08	ug/L						<1	<1									
Vinyl Chloride	2021-10	ug/L	<1	<1	<1			<1	<1	<1	<1							
Vinyl Chloride	2021-12	ug/L	~~0.214 Jo~~															
Vinyl Chloride	2022-02	ug/L						<1	<1									
Vinyl Chloride	2022-04	ug/L	~~0.398 Jo~~	<1	<1			<1	<1	<1	<1							
Vinyl Chloride	2022-07	ug/L																
Vinyl Chloride	2022-10	ug/L	<1	<1	<1			<1	<1	<1	<1							
Vinyl Chloride	2023-04	ug/L	<1	<1	<1			<1	<1	<1	<1							
Vinyl Chloride	2023-05	ug/L																
Vinyl Chloride	2023-10	ug/L	<1	<1	<1			<1	<1	<1	<1							
Vinyl Chloride	2024-04	ug/L	<1	<1	<1			<1	<1	<1	<1							
Vinyl Chloride	2024-09	ug/L	< 1	< 1	< 1			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Vinyl Chloride	2025-03	ug/L	< 1	< 1	< 1			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Vinyl Chloride	2025-08	ug/L	< 1	< 1	< 1			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Xylenes, Total	2008-01	ug/L																
Xylenes, Total	2008-03	ug/L																
Xylenes, Total	2008-08	ug/L																
Xylenes, Total	2008-09	ug/L																
Xylenes, Total	2008-10	ug/L																
Xylenes, Total	2009-03	ug/L																
Xylenes, Total	2009-06	ug/L																
Xylenes, Total	2009-09	ug/L																
Xylenes, Total	2009-12	ug/L																
Xylenes, Total	2010-03	ug/L																
Xylenes, Total	2010-06	ug/L	~~< 3.00~~	~~< 3.00~~														
Xylenes, Total	2010-08	ug/L	~~< 3.00~~	~~< 3.00~~														
Xylenes, Total	2010-09	ug/L	~~< 3.00~~	~~< 3.00~~														
Xylenes, Total	2010-12	ug/L	~~< 3.00~~	~~< 3.00~~														
Xylenes, Total	2011-03	ug/L	~~< 3.00~~	~~< 3.00~~														
Xylenes, Total	2011-04	ug/L																
Xylenes, Total	2011-06	ug/L																
Xylenes, Total	2011-07	ug/L																
Xylenes, Total	2011-08	ug/L																
Xylenes, Total	2011-09	ug/L	~~< 3.00~~	~~< 3.00~~														
Xylenes, Total	2011-12	ug/L																
Xylenes, Total	2012-03	ug/L	~~< 3.00~~	~~< 3.00~~														
Xylenes, Total	2012-06	ug/L									~~< 3.00~~	~~< 3.00~~		~~< 3.00~~		~~< 3.00~~	~~< 3.00~~	
Xylenes, Total	2012-10	ug/L																
Xylenes, Total	2013-03	ug/L	~~< 3.00~~								~~< 3.00~~							
Xylenes, Total	2013-06	ug/L			~~< 3.00~~													
Xylenes, Total	2013-09	ug/L	~~< 3.00~~	~~< 3.00~~	~~< 3.00~~						~~< 3.00~~							
Xylenes, Total	2013-11	ug/L			~~< 3.00~~													
Xylenes, Total	2014-03	ug/L	~~< 3.00~~		~~< 3.00~~						~~< 3.00~~							

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
Xylenes, Total	2014-06	ug/L																
Xylenes, Total	2014-09	ug/L	< 3	< 3			< 3.00	< 3.00	< 3.00	0.424	< 3	< 3	< 3	< 3.00	< 3.00	< 3.00	< 3.00	< 3
Xylenes, Total	2014-12	ug/L															< 3.00	
Xylenes, Total	2015-04	ug/L	< 3.00	< 3			< 3	< 3 o	< 3	0.415 Jo	< 3 o	< 3.00	< 3.00			< 3 o	< 3 o	< 3
Xylenes, Total	2015-10	ug/L	<3	<3			<3	< 3 o	<3	< 3 o	<3	<3				<3	< 3 o	<3
Xylenes, Total	2016-04	ug/L	<3	<3			<3	< 3 o	<3	0.144 Jo	<3	<3	<3			<3	< 3 o	<3
Xylenes, Total	2016-10	ug/L	<3	<3			<3	< 3 o	<3	< 3 o	<3	<3	<3			<3	< 3 o	<3
Xylenes, Total	2017-03	ug/L	<3	<3			0.951 J	0.573 J	<3	0.687 Jo	<3	2.69 Jo	3.89 o			0.392 J	0.806 Jo	1.35 Jo
Xylenes, Total	2017-06	ug/L											<3					
Xylenes, Total	2017-10	ug/L	<3	<3			0.704 J	1.62 Jo	0.488 J	0.724 Jo	0.628 J	0.44 Jo				1.14 Jo	1.29 Jo	0.602 Jo
Xylenes, Total	2017-12	ug/L					<3					<3						<3
Xylenes, Total	2018-04	ug/L	<3	<3	<3		<3	0.522 J	<3	0.205 J	<3	<3	0.312 J			<3	0.395 J	<3
Xylenes, Total	2018-07	ug/L											<3					
Xylenes, Total	2018-10	ug/L	<3	<3			<3	<3	<3	<3	<3	<3	<3			<3	<3	<3
Xylenes, Total	2019-01	ug/L																
Xylenes, Total	2019-03	ug/L	<3	<3			<3	<3	<3	<3	<3	<3	<3			<3	<3	<3
Xylenes, Total	2019-05	ug/L																
Xylenes, Total	2019-10	ug/L	<3	<3			<3	<3	<3	<3	<3	<3	<3			<3	<3	<3
Xylenes, Total	2020-03	ug/L	<3	<3			<3	<3	<3	<3	<3	<3	<3			<3	<3	<3
Xylenes, Total	2020-09	ug/L	<3	<3			<3	<3	<3	<3	<3	<3	<3			<3	<3	<3
Xylenes, Total	2021-03	ug/L	<3	<3			<3	<3	<3	<3	<3	<3	<3			<3	<3	<3
Xylenes, Total	2021-05	ug/L																
Xylenes, Total	2021-08	ug/L																
Xylenes, Total	2021-10	ug/L	<3	<3	<3		<3	<3	<3	<3	<3	<3	<3			<3	<3	<3
Xylenes, Total	2021-12	ug/L																
Xylenes, Total	2022-02	ug/L	<3		<3	<3												
Xylenes, Total	2022-04	ug/L	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3			<3	<3	<3
Xylenes, Total	2022-07	ug/L			<3	<3												
Xylenes, Total	2022-10	ug/L	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3				<3	<3	<3
Xylenes, Total	2023-04	ug/L	<3	<3		<3	<3	<3	<3	<3	<3	<3	<3			<3	<3	<3
Xylenes, Total	2023-05	ug/L			<3													
Xylenes, Total	2023-10	ug/L	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3				<3	<3	<3
Xylenes, Total	2024-04	ug/L	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3			<3	<3	<3
Xylenes, Total	2024-09	ug/L	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3			< 3	< 3	< 3
Xylenes, Total	2025-03	ug/L	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3			< 3	< 3	< 3
Xylenes, Total	2025-08	ug/L	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3			< 3	< 3	< 3
Zinc	2008-01	mg/L					< 0.02	< 0.02	< 0.0200	< 0.1	< 0.02	0.0435	< 0.02	0.0615	< 0.02			
Zinc	2008-03	mg/L					< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	0.0204	< 0.0200	< 0.0200	< 0.0200			
Zinc	2008-08	mg/L					0.134	0.185	0.118	< 0.1	0.164	0.155	0.0355	0.107	0.122			
Zinc	2008-09	mg/L					0.0348	0.0479	0.0288	< 0.1	0.0396	0.0582	< 0.02	0.0233	< 0.02			
Zinc	2008-10	mg/L					0.0315	0.0385	0.0251	< 0.1	0.0322	0.0558	< 0.02	< 0.02	< 0.02			
Zinc	2009-03	mg/L					0.0753	0.0514	0.0571	< 0.1	0.0716	0.064	0.0202	0.0311	0.0415			
Zinc	2009-06	mg/L					0.0912	0.0628	0.0763	< 0.100	0.0848			0.0424				
Zinc	2009-09	mg/L					0.092	0.106	0.0871	< 0.0600	0.0993	0.082	0.0761	0.0536	0.0616			
Zinc	2009-12	mg/L					0.132	0.12	0.117	< 0.0600	0.126			0.0802				
Zinc	2010-03	mg/L					0.0761	0.105	0.104	< 0.100	0.133	0.129	0.1	0.058	0.0554			
Zinc	2010-06	mg/L										0.0365				< 0.0200	0.0303	0.0215
Zinc	2010-08	mg/L										0.0369	0.0322			< 0.0200	0.0257	0.023
Zinc	2010-09	mg/L					< 0.0200	0.0276	0.0276	< 0.160	0.0319	0.033	0.035	< 0.0200	< 0.0200	< 0.0200	0.0315	0.0246
Zinc	2010-12	mg/L										0.0497				< 0.0200	0.0237	0.0443
Zinc	2011-03	mg/L		0.0261			0.0283	0.0377	0.0262	< 0.0600	0.0472	0.0491	0.0481	< 0.0200	< 0.0200	< 0.0200	0.028	0.0908
Zinc	2011-06	mg/L		< 0.0200									< 0.0200		< 0.0200	< 0.0200	< 0.0200	
Zinc	2011-07	mg/L	< 0.0200															
Zinc	2011-08	mg/L		< 0.0200														
Zinc	2011-09	mg/L	< 0.0200	< 0.0200			< 0.0200	< 0.0200	< 0.0200	< 0.100	< 0.0200	< 0.0200		< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200
Zinc	2011-12	mg/L	< 0.0200	< 0.0200											< 0.0200	< 0.0200	< 0.0200	
Zinc	2012-03	mg/L	< 0.0200	< 0.0200			< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200
Zinc	2012-04	mg/L																

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Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
Xylenes, Total	2014-06	ug/L		~~< 3.00~~	~~< 3.00~~													
Xylenes, Total	2014-09	ug/L	~~< 3~~	~~< 3~~	~~< 3~~						~~< 3~~							
Xylenes, Total	2014-12	ug/L																
Xylenes, Total	2015-04	ug/L	~~< 3 o~~	< 3.00	< 3.00						~~< 3 o~~							
Xylenes, Total	2015-10	ug/L	<3	<3	<3						<3					<3	<3	
Xylenes, Total	2016-04	ug/L	<3	<3	<3						<3					<3	<3	
Xylenes, Total	2016-10	ug/L	<3		<3						<3					<3	<3	
Xylenes, Total	2017-03	ug/L	~~**4.88 o**~~	~~**2.37 Jo**~~	~~**1.05 Jo**~~						**0.519 J**					<3	<3	
Xylenes, Total	2017-06	ug/L	<3															
Xylenes, Total	2017-10	ug/L	**0.29 J**	**0.292 J**	<3						**0.42 J**					**0.76 J**	**0.978 J**	
Xylenes, Total	2017-12	ug/L			<3													
Xylenes, Total	2018-04	ug/L	<3	**0.427 J**	<3						<3					<3	<3	
Xylenes, Total	2018-07	ug/L								<3								
Xylenes, Total	2018-10	ug/L	<3	<3	<3					<3	<3					<3	<3	
Xylenes, Total	2019-01	ug/L								<3								
Xylenes, Total	2019-03	ug/L	<3	<3	<3					<3	<3					<3	<3	
Xylenes, Total	2019-05	ug/L		<3						<3								
Xylenes, Total	2019-10	ug/L	<3	<3	<3					<3	<3					<3	<3	
Xylenes, Total	2020-03	ug/L	<3	<3	<3					<3	<3					<3	<3	
Xylenes, Total	2020-09	ug/L	<3	<3	<3					<3	<3					<3	<3	
Xylenes, Total	2021-03	ug/L	<3	<3	<3			<3	<3	<3	<3					<3	<3	
Xylenes, Total	2021-05	ug/L	**0.436 J**															
Xylenes, Total	2021-08	ug/L						<3	<3									
Xylenes, Total	2021-10	ug/L	<3	<3	<3			<3	<3	<3	<3							
Xylenes, Total	2021-12	ug/L	<3															
Xylenes, Total	2022-02	ug/L						<3	<3									
Xylenes, Total	2022-04	ug/L	<3	<3	<3			<3	<3	<3	<3							
Xylenes, Total	2022-07	ug/L																
Xylenes, Total	2022-10	ug/L	<3	<3	<3			<3	<3	<3	<3							
Xylenes, Total	2023-04	ug/L	<3	<3	<3			<3	<3	<3	<3							
Xylenes, Total	2023-05	ug/L																
Xylenes, Total	2023-10	ug/L	<3	<3	<3			<3	<3	<3	<3							
Xylenes, Total	2024-04	ug/L	<3	<3	<3			<3	<3	<3	<3							
Xylenes, Total	2024-09	ug/L	< 3	< 3	< 3			< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Xylenes, Total	2025-03	ug/L	< 3	< 3	< 3			< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Xylenes, Total	2025-08	ug/L	< 3	< 3	< 3			< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3
Zinc	2008-01	mg/L																
Zinc	2008-03	mg/L																
Zinc	2008-08	mg/L																
Zinc	2008-09	mg/L																
Zinc	2008-10	mg/L																
Zinc	2009-03	mg/L																
Zinc	2009-06	mg/L																
Zinc	2009-09	mg/L																
Zinc	2009-12	mg/L																
Zinc	2010-03	mg/L																
Zinc	2010-06	mg/L	~~< 0.0200~~	~~< 0.0200~~														
Zinc	2010-08	mg/L	~~< 0.0200~~	~~< 0.0200~~														
Zinc	2010-09	mg/L	~~< 0.0200~~	~~< 0.0200~~														
Zinc	2010-12	mg/L	~~< 0.0200~~	~~< 0.0200~~														
Zinc	2011-03	mg/L	~~< 0.0200~~	~~< 0.0200~~														
Zinc	2011-06	mg/L																
Zinc	2011-07	mg/L																
Zinc	2011-08	mg/L																
Zinc	2011-09	mg/L	~~< 0.0200~~	~~< 0.0200~~														
Zinc	2011-12	mg/L																
Zinc	2012-03	mg/L	~~< 0.0200~~	~~< 0.0200~~														
Zinc	2012-04	mg/L									~~**1.36**~~	~~< 0.0200~~		~~< 0.0200~~		~~**0.188**~~	~~**0.136**~~	

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Constituent	Date	Units	GU-1 (DwnGrad)	GU-L (DwnGrad)	GU-O (DwnGrad)	GU-P (DwnGrad)	MW-15 (DwnGrad)	MW-18 (DwnGrad)	MW-19 (DwnGrad)	MW-20 (DwnGrad)	MW-22 (DwnGrad)	MW-24 (DwnGrad)	MW-26A (DwnGrad)	MW-29 (Delin)	MW-30 (Delin)	MW-300 (DwnGrad)	MW-301 (DwnGrad)	MW-302R (DwnGrad)
Zinc	2012-06	mg/L																
Zinc	2012-10	mg/L	< 0.0200	< 0.0200			< 0.0200	< 0.0200	< 0.0200	< 0.0600	< 0.0200			< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200
Zinc	2013-03	mg/L	**0.053**	**0.0421**			**0.0613**	**0.0606**	**0.0735**	**0.0303**	**0.0479**	**0.0493**		**0.0489**	**0.0317**	**0.0504**	**0.0432**	**0.108**
Zinc	2013-06	mg/L																
Zinc	2013-09	mg/L	**0.158**	**0.0373**			**0.0658**	**0.0559**	**0.0704**	**0.0477**	**0.0708**	**0.212**		**0.0715**	**0.151**	**0.146**	**0.171**	**0.22**
Zinc	2013-11	mg/L																
Zinc	2014-03	mg/L	< 0.0200	< 0.0200			< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200	< 0.0200
Zinc	2014-06	mg/L																
Zinc	2014-09	mg/L	< 0.01	**0.00764**			< 0.0100	**0.00823**	< 0.0100	< 0.0100	< 0.01	< 0.01	< 0.01	< 0.0100	< 0.0100	**0.0119**	< 0.0100	**0.0155**
Zinc	2014-12	mg/L															< 0.0100	
Zinc	2015-04	mg/L	< 0.0100	< 0.01			< 0.01 o	**0.0147**	< 0.01	< 0.01	< 0.01	< 0.01 o	< 0.0100			**0.00736 Jo**	< 0.01	**0.0174 o**
Zinc	2015-10	mg/L	**0.00837 J**	<0.02			<0.02 o	**0.0142**	<0.02	<0.02	<0.02	<0.02 o				<0.02 o	<0.02	<0.02 o
Zinc	2016-04	mg/L	<0.01	<0.01			<0.01	**0.00641 J**	<0.01	<0.01	**0.0172**	<0.01	<0.01			< 0.01 o	<0.01	< 0.01 o
Zinc	2016-10	mg/L	<0.01	<0.01			**0.0137 o**	**0.0197**	**0.0364 o**	**0.00646 J**	**0.407 o**	**0.00796 Jo**	<0.01			**0.00562 J**	**0.278 o**	**0.0066 J**
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	<0.02
Zinc	2017-10	mg/L	**0.0161 J**	<0.02			<0.02	**0.0939 o**	<0.02	<0.02	<0.02	<0.02				<0.02	<0.02	<0.02
Zinc	2017-12	mg/L					<0.02					<0.02						<0.02
Zinc	2018-04	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	**0.013 Jo**
Zinc	2018-07	mg/L											<0.02					
Zinc	2018-10	mg/L	<0.02	<0.02			<0.02	<0.02	<0.02	**0.0781 o**	<0.02	<0.02	<0.02			<0.02	<0.02	<0.02
Zinc	2019-01	mg/L																
Zinc	2019-03	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	2019-05	mg/L																
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	<0.02	**0.0138 Jo**
Zinc	2020-03	mg/L	**0.0145 J**	**0.0163 J**			<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02			<0.02	<0.02	<0.02
Zinc	2020-09	mg/L	<0.02	<0.02			<0.02	<0.02	<0.02	**0.0325 o**	<0.02	<0.02	<0.02			<0.02	<0.02	<0.02
Zinc	2020-11	mg/L	**0.019 J**															
Zinc	2020-12	mg/L	<0.02															
Zinc	2021-03	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	2021-05	mg/L																
Zinc	2021-08	mg/L																
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	<0.02	<0.02
Zinc	2021-12	mg/L																
Zinc	2022-02	mg/L	**0.02**		<0.02	<0.02												
Zinc	2022-04	mg/L	**0.0183 J**	**0.0161 J**	<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	2022-07	mg/L			<0.02	<0.02												
Zinc	2022-10	mg/L	<0.02	**0.0426 o**	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02				<0.02	<0.02	<0.02
Zinc	2022-12	mg/L		<0.02														
Zinc	2023-04	mg/L	**0.0113 J**	<0.02		<0.02	<0.02 o	<0.02	<0.02 o	<0.02	<0.02 o	<0.02	<0.02			<0.02	<0.02	<0.02
Zinc	2023-05	mg/L			<0.02													
Zinc	2023-10	mg/L	**0.115 o**	**0.00868 J**	<0.02	<0.02	**0.0126 J**	**0.0108 J**	**0.0101 J**	<0.02	<0.02	**0.00697 J**				**0.00672 J**	<0.02	**0.00959 J**
Zinc	2023-12	mg/L	<0.02															
Zinc	2024-04	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	<0.02	<0.02
Zinc	2024-05	mg/L																
Zinc	2024-09	mg/L	**0.0116 J**	< 0.02	**0.0267**	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02			< 0.02	< 0.02	< 0.02
Zinc	2025-02	mg/L			< 0.02													
Zinc	2025-03	mg/L	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	**0.00998 J**	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02			< 0.02	< 0.02	< 0.02
Zinc	2025-08	mg/L	**0.0138 J**	< 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

Cedar Rapids Linn County Solid Waste Agency Site 2
Permit No. 57-SDP-01-72P

Table 20
Analytical Data Summary
2025 Annual Water Quality Report

Constituent	Date	Units	MW-303 (DwnGrad)	MW-304R (DwnGrad)	MW-305 (DwnGrad)	MW-306 (Delin)	MW-307A (Delin)	MW-501 (DwnGrad)	MW-502 (DwnGrad)	MW-9AR (Bkgrnd)	MW-201B (Bkgrnd)	MW-204A (WL)	MW-204B (WL)	MW-213A (WL)	MW-213B (WL)	MW-214 (WL)	MW-215 (WL)	MW-218 (WL)
Zinc	2012-06	mg/L									~~0.678~~	~~< 0.0200~~		~~< 0.0200~~		~~0.0694~~	~~0.0776~~	
Zinc	2012-10	mg/L									~~< 0.0200~~			~~< 0.0200~~		~~< 0.0200~~	~~< 0.0200~~	
Zinc	2013-03	mg/L	~~0.0144~~								~~0.468~~					~~0.137~~	~~0.00511~~	
Zinc	2013-06	mg/L			~~0.0078~~													
Zinc	2013-09	mg/L	~~0.0859~~	~~0.12~~	~~0.0757~~						~~0.426~~					~~0.259~~	~~0.0342~~	
Zinc	2013-11	mg/L			~~< 0.0555~~													
Zinc	2014-03	mg/L	~~< 0.0200~~		~~< 0.0200~~						~~0.0547~~					~~0.0436~~	~~< 0.0200~~	
Zinc	2014-06	mg/L		~~< 0.0200~~	~~< 0.0200~~													
Zinc	2014-09	mg/L	~~< 0.01~~	~~< 0.01~~	~~0.00954~~						~~0.0182~~					~~0.0124~~	~~0.0097~~	
Zinc	2014-12	mg/L																
Zinc	2015-04	mg/L	< 0.0100	< 0.0100	~~0.00705 o~~						~~< 0.01 o~~					< 0.0100	< 0.0100	
Zinc	2015-10	mg/L	<0.02	~~0.0101 o~~	~~<0.02 o~~						~~<0.02 o~~					<0.02	<0.02	
Zinc	2016-04	mg/L	<0.01	~~< 0.01 o~~	~~< 0.01 o~~						<0.01					~~0.008 J~~	<0.01	
Zinc	2016-10	mg/L	**0.00804 J**	**0.00627 J**	~~< 0.01 o~~						<0.01					<0.01	<0.01	
Zinc	2017-03	mg/L	<0.02	<0.02	<0.02						<0.02					<0.02	<0.02	
Zinc	2017-10	mg/L	<0.02	<0.02	<0.02						<0.02					<0.02	<0.02	
Zinc	2017-12	mg/L			<0.02													
Zinc	2018-04	mg/L	<0.02	<0.02	<0.02						<0.02					<0.02	<0.02	
Zinc	2018-07	mg/L								<0.02								
Zinc	2018-10	mg/L	<0.02	<0.02	<0.02					<0.02	**0.0122 J**					<0.02	<0.02	
Zinc	2019-01	mg/L								<0.02								
Zinc	2019-03	mg/L	<0.02	<0.02	<0.02					<0.02	<0.02					<0.02	<0.02	
Zinc	2019-05	mg/L		~~<0.02 o~~						~~0.02~~								
Zinc	2019-10	mg/L	<0.02	<0.02	<0.02					<0.02	~~0.019 Jo~~					<0.02	~~0.018 J~~	
Zinc	2020-03	mg/L	<0.02	<0.02	<0.02					<0.02	<0.02					<0.02	<0.02	
Zinc	2020-09	mg/L	<0.02	<0.02	<0.02					<0.02	<0.02					<0.02	<0.02	
Zinc	2020-11	mg/L																
Zinc	2020-12	mg/L																
Zinc	2021-03	mg/L	<0.02	<0.02	<0.02			<0.02	**0.0194 J**	<0.02	<0.02					<0.02	<0.02	
Zinc	2021-05	mg/L	<0.02															
Zinc	2021-08	mg/L						<0.02	<0.02									
Zinc	2021-10	mg/L	<0.02	<0.02	<0.02			<0.02	**0.0188 J**	<0.02	~~0.0273 o~~							
Zinc	2021-12	mg/L	<0.02															
Zinc	2022-02	mg/L						<0.02	<0.02									
Zinc	2022-04	mg/L	~~<0.14~~	<0.02	<0.02			<0.02	<0.02	<0.02	<0.02							
Zinc	2022-07	mg/L																
Zinc	2022-10	mg/L	<0.02	<0.02	<0.02			<0.02	<0.02	<0.02	~~0.0153 J~~							
Zinc	2022-12	mg/L																
Zinc	2023-04	mg/L	<0.02	<0.02	<0.02			**0.00864 J**	<0.02	<0.02	~~0.0102 J~~							
Zinc	2023-05	mg/L																
Zinc	2023-10	mg/L	<0.02	<0.02	<0.02			**0.00964 J**	<0.02	<0.02	**0.011 J**							
Zinc	2023-12	mg/L																
Zinc	2024-04	mg/L	<0.02	<0.02	<0.02			**0.127**	<0.02	<0.02	<0.02							
Zinc	2024-05	mg/L						**0.0702**				<0.02	**0.0101 J**	<0.02	<0.02			<0.02
Zinc	2024-09	mg/L	< 0.02	< 0.02	< 0.02			**0.0255**	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Zinc	2025-02	mg/L																
Zinc	2025-03	mg/L	**0.0141 J**	< 0.02	< 0.02			**0.0166 J**	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Zinc	2025-08	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	< 0.02	< 0.02

Figures

NOTES:

1. Coordinate System: NAD 1983 State Plane Iowa North
2. Aerial Imagery was flown by Foth in Fall 2024 and 2025.

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

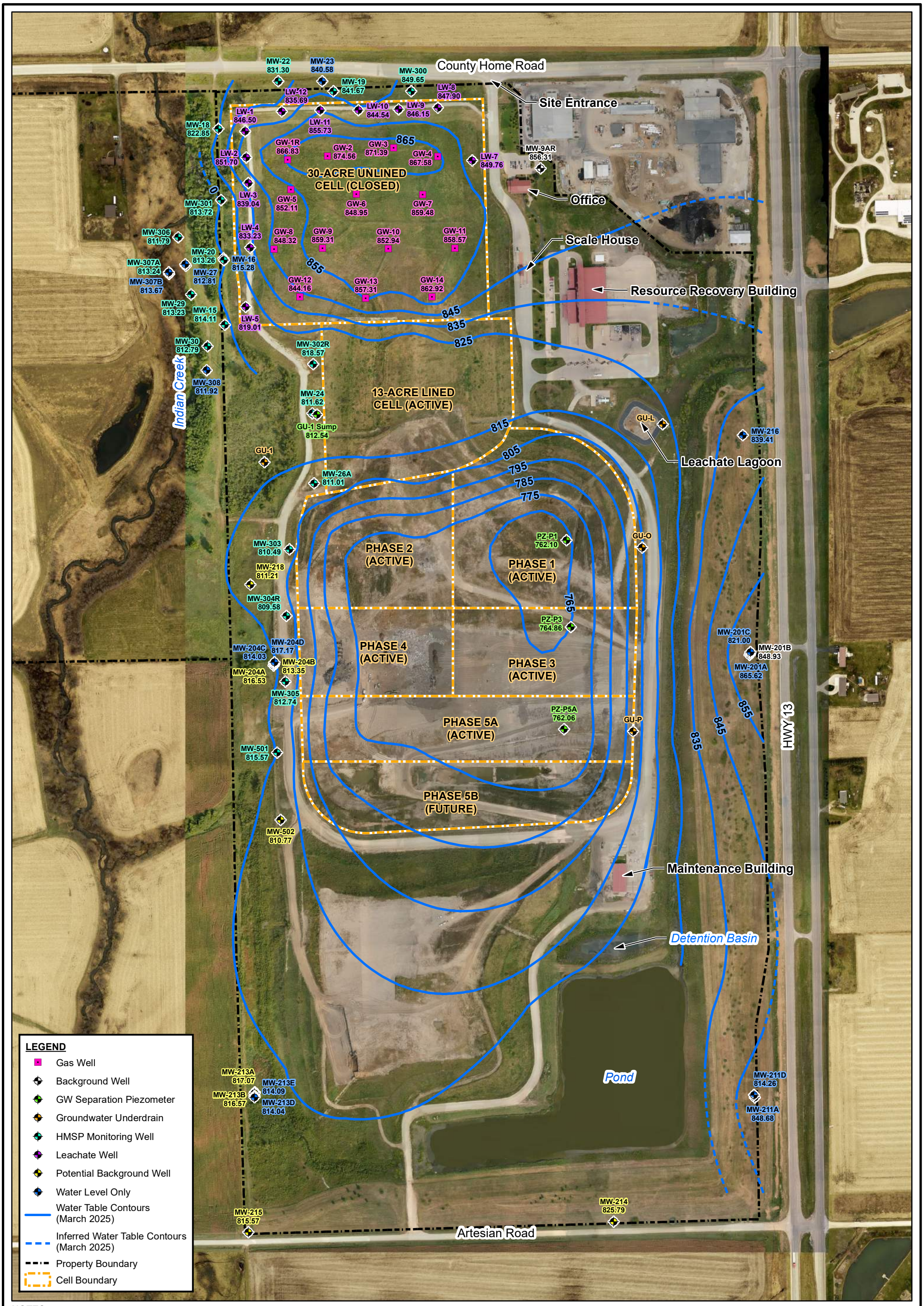
Cedar Rapids Linn County Solid Waste Agency

FIGURE 1

GROUNDWATER MONITORING NETWORK
SITE 2

Date: JANUARY 2026	Revision Date:	
Drawn By: DAT	Checked By: HED	Project: 25C051.00

Path: Q:\Cedar Rapids Linn Co SWA IA\25C051.00\GIS\mxd\Site 2 2025 AWQR\Figure 1 - Groundwater Monitoring Network.mxd Date: 1/20/2026



NOTES:

1. Coordinate System: NAD 1983 State Plane Iowa North
2. Aerial Imagery was flown by Foth in Fall 2024 and 2025.
3. Leachate levels in the gas and leachate wells in the 30-Acre Unlined Cell are included in the groundwater contours.
4. To account for the influence of the groundwater underdrains for the 13-Acre Cell and Phases 1-5A, as-built elevations for the bottom of the clay liner (top of groundwater underdrain collection system) were included prior to contouring in Surfer.
5. For the groundwater cutoff trench/drainage way along the eastern portion of the site that discharges into the Detection Basin, as-built elevations from the base of the drainage way were included prior to contouring in Surfer.

Foth

N

0 200 400 Feet

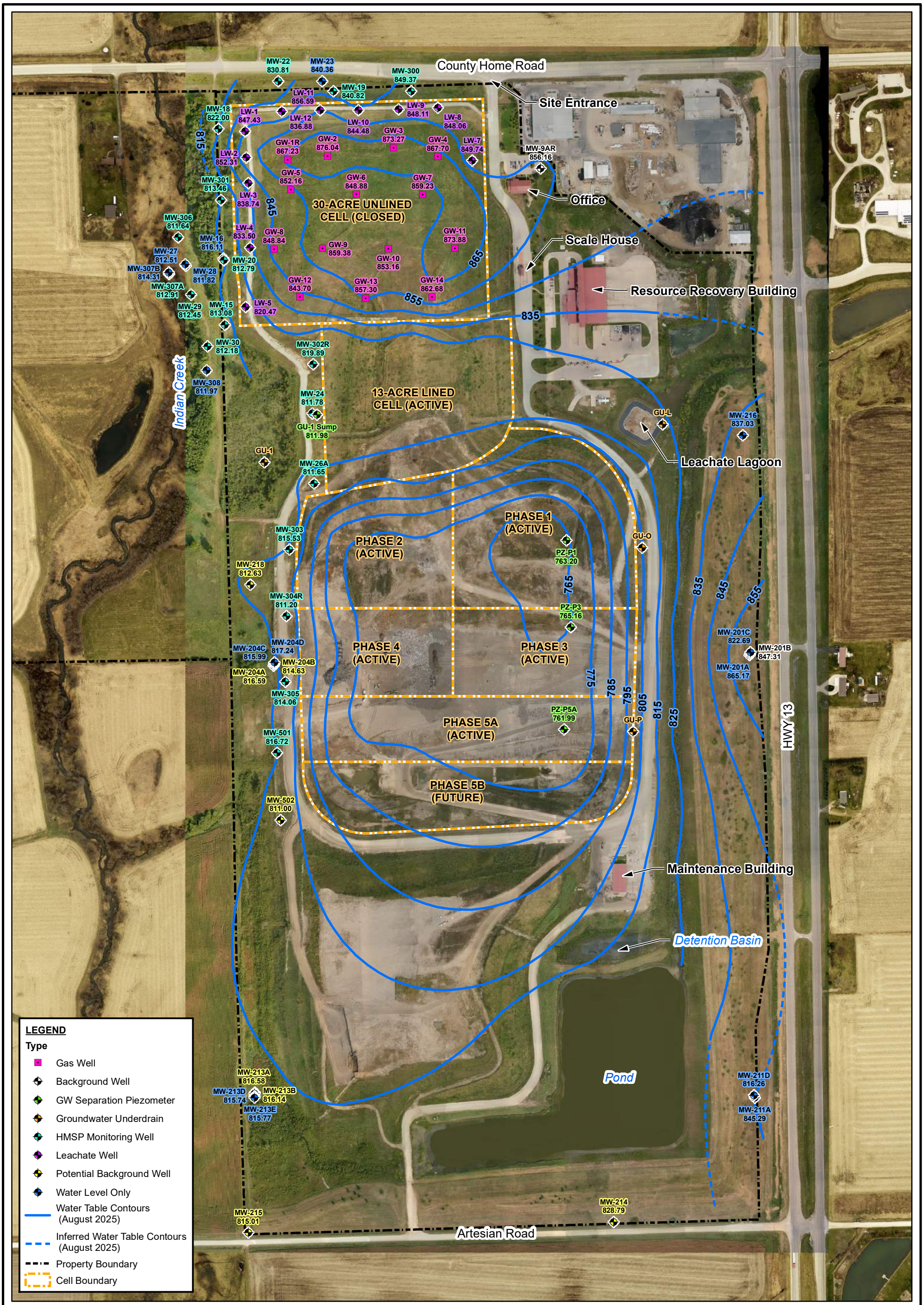
Cedar Rapids Linn County Solid Waste Agency

FIGURE 2

WATER TABLE CONTOUR MAP (MARCH 2025)
SITE 2

Date: JANUARY 2026	Revision Date:	
Drawn By: DAT	Checked By: HED	Project: 25C051.00

Path: Q:\Cedar Rapids Linn Co SWA IA\25C051.00\GIS\mxd\Site 2 2025 AWQR\Figure 2 - Water Table Contour Map – March 2025.mxd Date: 1/20/2026



NOTES:

1. Coordinate System: NAD 1983 State Plane Iowa North
2. Aerial Imagery was flown by Foth in Fall 2024 and 2025.
3. Leachate levels in the gas and leachate wells in the 30-Acre Unlined Cell are included in the groundwater contours.
4. To account for the influence of the groundwater underdrains for the 13-Acre Cell and Phases 1-5A, as-built elevations for the bottom of the clay liner (top of groundwater underdrain collection system) were included prior to contouring in Surfer.
5. For the groundwater cutoff trench/drainage way along the eastern portion of the site that discharges into the Detection Basin, as-built elevations from the base of the drainage way were included prior to contouring in Surfer.

Foth

N

0 200 400 Feet

Cedar Rapids Linn County Solid Waste Agency

FIGURE 3

WATER TABLE CONTOUR MAP (AUGUST 2025)
SITE 2

Date: JANUARY 2026	Revision Date:	
Drawn By: DAT	Checked By: HED	Project: 25C051.00

Path: Q:\Cedar Rapids Linn Co SWA IA\25C051.00\GIS\mxd\Site 2 2025 AWQR\Figure 3 - Water Table Contour Map – August 2025.mxd Date: 1/20/2026

NOTES:

1. Coordinate System: NAD 1983 State Plane Iowa North
2. Aerial Imagery was flown by Foth in Fall 2024 and 2025.
3. Leachate levels are measured in gas wells for source control monitoring for Assessment of Corrective Measures.

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

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0 200 400 Feet

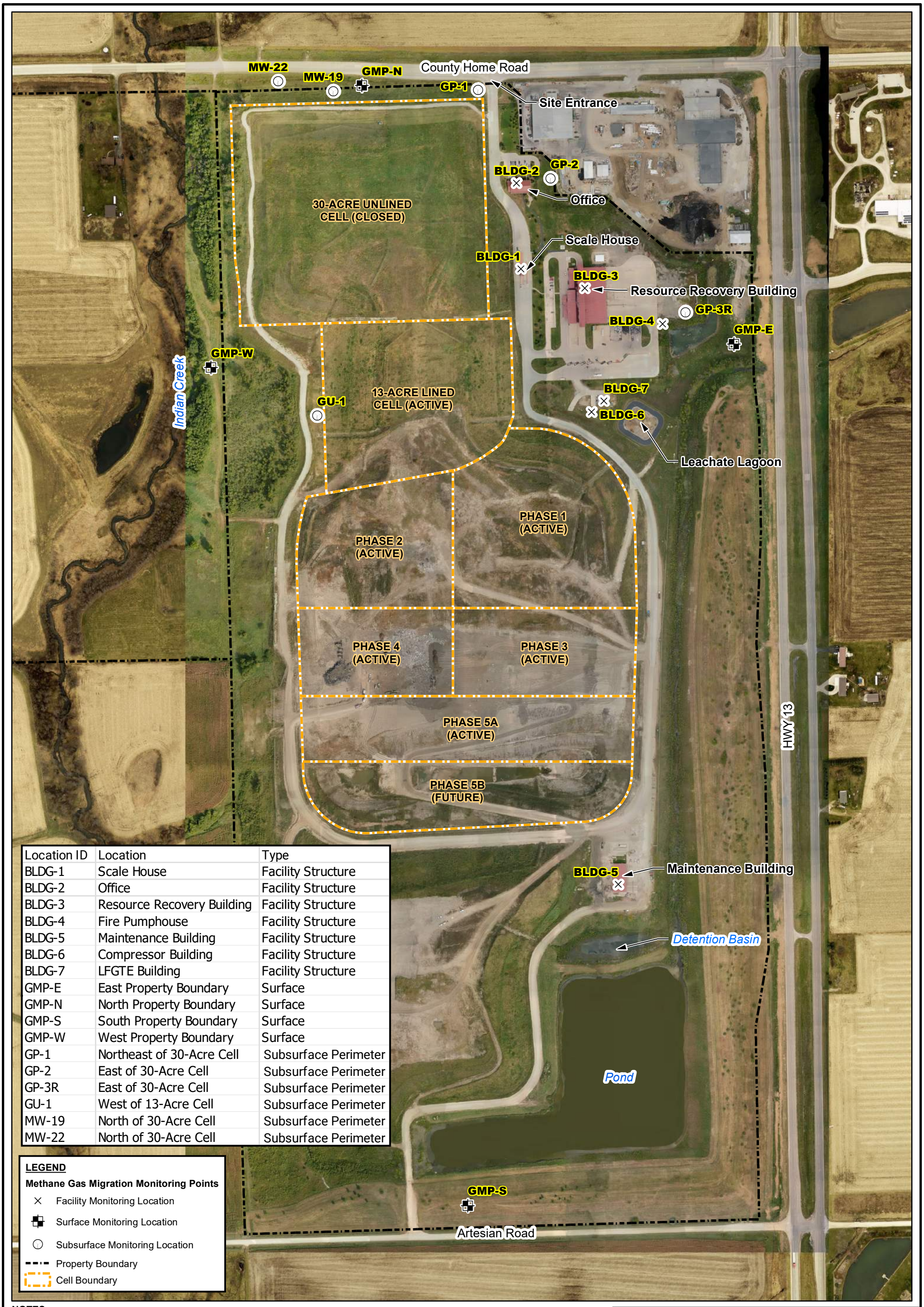
Cedar Rapids Linn County Solid Waste Agency

FIGURE 4

LEACHATE MONITORING LOCATIONS
SITE 2

Date: JANUARY 2026	Revision Date:	
Drawn By: DAT	Checked By: HED	Project: 25C051.00

Path: Q:\Cedar Rapids Linn Co SWA IA\25C051.00\GIS\mxd\Site 2 2025 AWQR\Figure 4 - Leachate Monitoring Locations.mxd Date: 1/20/2026



Location ID	Location	Type
BLDG-1	Scale House	Facility Structure
BLDG-2	Office	Facility Structure
BLDG-3	Resource Recovery Building	Facility Structure
BLDG-4	Fire Pumphouse	Facility Structure
BLDG-5	Maintenance Building	Facility Structure
BLDG-6	Compressor Building	Facility Structure
BLDG-7	LFGTE Building	Facility Structure
GMP-E	East Property Boundary	Surface
GMP-N	North Property Boundary	Surface
GMP-S	South Property Boundary	Surface
GMP-W	West Property Boundary	Surface
GP-1	Northeast of 30-Acre Cell	Subsurface Perimeter
GP-2	East of 30-Acre Cell	Subsurface Perimeter
GP-3R	East of 30-Acre Cell	Subsurface Perimeter
GU-1	West of 13-Acre Cell	Subsurface Perimeter
MW-19	North of 30-Acre Cell	Subsurface Perimeter
MW-22	North of 30-Acre Cell	Subsurface Perimeter

LEGEND

Methane Gas Migration Monitoring Points

- Facility Monitoring Location
- Surface Monitoring Location
- Subsurface Monitoring Location
- Property Boundary
- Cell Boundary

NOTES:

1. Coordinate System: NAD 1983 State Plane Iowa North
2. Aerial Imagery was flown by Foth in Fall 2024 and 2025.

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

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0 200 400 Feet

Cedar Rapids Linn County Solid Waste Agency

FIGURE 5

METHANE MONITORING NETWORK
SITE 2

Date: JANUARY 2026	Revision Date:	
Drawn By: DAT	Checked By: HED	Project: 25C051.00

Path: Q:\Cedar Rapids Linn Co SWA IA\25C051.00\GIS\mxd\Site 2 2025 AWQR\Figure 5 - Methane Monitoring Network.mxd Date: 1/20/2026

Appendix A

Reporting Period Monitoring Documentation

February, March, and August 2025

IDNR Forms
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:	Cedar Rapids Linn County Solid Waste Agency Site 2	Permit No.:	57-SDP-01-72P
Well/Piezometer:	GU-O	Weather:	Clear, 34°F, NW winds @ 9 mph, 28.95" Hg
Date:	2/25/2025	Personnel:	O.A. Technical Services: Randy Gavin

Location Details

Description of Sample Location: GU-O is the underdrain discharge point for a portion of Phase 1; located on the east side of Phase 1. GU-O is sampled using the dedicated lift station's discharge pump.

Conditions commentary:

Sampling Details

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

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:) N/A Flow Rate (mL/min): N/A Volume removed (gal): N/A Volume sampled (L): 1.25
Well dry? (Y/N): No Odor? (Y/N): No Color? (Y/N): No

Sample Name(s)	Method(s)	Container(s)	Filtered?
GU-O_25_02	USEPA 6020B - Total Zinc	(1) Plastic 250 mL - HNO_3	No
	USGS I-3765-85 - TSS	(1) Plastic 1 Liter - Unpreserved	No

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: Field parameter readings were not collected.

eurofins | Environment Testing

1 2 3 4 5 6 7 8 9 10 11 12 13 14

ANALYTICAL REPORT

PREPARED FOR

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

Generated 3/5/2025 1:09:46 PM

JOB DESCRIPTION

GU-O Confirmation

JOB NUMBER

310-300958-1

Eurofins Cedar Falls
3019 Venture Way
Cedar Falls IA 50613

See page two for job notes and contact information.

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

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3/5/2025 1:09:46 PM

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

Table of Contents

Job ID: 310-300958-1 Eurofins Cedar Falls

Job Narrative
310-300958-1

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 sample was received on 2/26/2025 4:30 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.2°C.

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
Project/Site: GU-O Confirmation

Job ID: 310-300958-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
310-300958-1	GU-O_25_02	Water	02/25/25 09:00	02/26/25 16:30

Detection Summary

Client: Foth Infrastructure & Environment, LLC
Job ID: 310-300958-1
Project/Site: GU-O Confirmation

Client Sample ID: GU-O_25_02
Lab Sample ID: 310-300958-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Suspended Solids	13.0		5.00	3.70	mg/L	1		I-3765-85	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Foth Infrastructure & Environment, LLC
Job ID: 310-300958-1
Project/Site: GU-O Confirmation

Client Sample ID: GU-O_25_02
Lab Sample ID: 310-300958-1
Date Collected: 02/25/25 09:00
Matrix: Water
Date Received: 02/26/25 16:30

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	<0.00970		0.0200	0.00970	mg/L		03/03/25 09:00	03/04/25 13:58	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	13.0		5.00	3.70	mg/L			02/27/25 10:07	1

Definitions/Glossary

Client: Foth Infrastructure & Environment, LLC
Job ID: 310-300958-1
Project/Site: GU-O Confirmation

Qualifiers

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.

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

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 310-447741/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 448129 — **Prep Batch: 447741**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	0.009769	J	0.0200	0.00970	mg/L		03/03/25 09:00	03/04/25 13:25	1

Lab Sample ID: LCS 310-447741/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 448129 — **Prep Batch: 447741**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Zinc	0.200	0.2200		mg/L		110	80 - 120

Lab Sample ID: 310-300828-A-2-B MS — **Client Sample ID: Matrix Spike**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 448129 — **Prep Batch: 447741**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Zinc	<0.00970		0.200	0.2203		mg/L		110	75 - 125

Lab Sample ID: 310-300828-A-2-C MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 448129 — **Prep Batch: 447741**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Zinc	<0.00970		0.200	0.2446		mg/L		122	75 - 125	10	20

Lab Sample ID: 310-300878-A-1-B DU — **Client Sample ID: Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 448129 — **Prep Batch: 447741**

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Zinc	0.543	B	0.5707		mg/L		5	20

Method: I-3765-85 - Residue, Non-filterable (TSS)

Lab Sample ID: MB 310-447663/1 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 447663

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	<3.70		5.00	3.70	mg/L			02/27/25 10:07	1

Lab Sample ID: LCS 310-447663/2 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 447663

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Suspended Solids	100	99.00		mg/L		99	81 - 116

Client: Foth Infrastructure & Environment, LLC
Project/Site: GU-O Confirmation

Job ID: 310-300958-1

Method: I-3765-85 - Residue, Non-filterable (TSS) (Continued)

Lab Sample ID: 310-300956-A-2 DU
Matrix: Water
Analysis Batch: 447663

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Suspended Solids	494			454.0		mg/L				8	35

QC Association Summary

Client: Foth Infrastructure & Environment, LLC
Project/Site: GU-O Confirmation

Job ID: 310-300958-1

Metals

Prep Batch: 447741

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-300958-1	GU-O_25_02	Total/NA	Water	3005A	
MB 310-447741/1-A	Method Blank	Total/NA	Water	3005A	
LCS 310-447741/2-A	Lab Control Sample	Total/NA	Water	3005A	
310-300828-A-2-B MS	Matrix Spike	Total/NA	Water	3005A	
310-300828-A-2-C MSD	Matrix Spike Duplicate	Total/NA	Water	3005A	
310-300878-A-1-B DU	Duplicate	Total/NA	Water	3005A	

Analysis Batch: 448129

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-300958-1	GU-O_25_02	Total/NA	Water	6020B	447741
MB 310-447741/1-A	Method Blank	Total/NA	Water	6020B	447741
LCS 310-447741/2-A	Lab Control Sample	Total/NA	Water	6020B	447741
310-300828-A-2-B MS	Matrix Spike	Total/NA	Water	6020B	447741
310-300828-A-2-C MSD	Matrix Spike Duplicate	Total/NA	Water	6020B	447741
310-300878-A-1-B DU	Duplicate	Total/NA	Water	6020B	447741

General Chemistry

Analysis Batch: 447663

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-300958-1	GU-O_25_02	Total/NA	Water	I-3765-85	
MB 310-447663/1	Method Blank	Total/NA	Water	I-3765-85	
LCS 310-447663/2	Lab Control Sample	Total/NA	Water	I-3765-85	
310-300956-A-2 DU	Duplicate	Total/NA	Water	I-3765-85	

Lab Chronicle

Client: Foth Infrastructure & Environment, LLC
Job ID: 310-300958-1
Project/Site: GU-O Confirmation

Client Sample ID: GU-O_25_02
Lab Sample ID: 310-300958-1
Date Collected: 02/25/25 09:00
Matrix: Water
Date Received: 02/26/25 16:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3005A			447741	Y3EC	EET CF	03/03/25 09:00
Total/NA	Analysis	6020B		1	448129	ZRI4	EET CF	03/04/25 13:58
Total/NA	Analysis	I-3765-85		1	447663	DGU1	EET CF	02/27/25 10:07

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: 310-300958-1
Project/Site: GU-O Confirmation

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: 310-300958-1
Project/Site: GU-O Confirmation

Method	Method Description	Protocol	Laboratory
6020B	Metals (ICP/MS)	SW846	EET CF
I-3765-85	Residue, Non-filterable (TSS)	USGS	EET CF
3005A	Preparation, Total Metals	SW846	EET CF

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

eurofins | Environment Testing America

310-300958 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 2/26/25	TIME 1630	Received By XB
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: 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): 5.2		Corrected Temp (°C): 5.2	
• **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			

Eurofins Cedar Falls
3019 Venture Way
Cedar Falls IA 50613
Phone (319) 277-2401 Phone (319) 277-2425

Chain of Custody Record

eurofins

Client Information	Sampler: RANDY GALVIN	Lab PM: Calhoun Conner M	Carrier Tracking No(s):	COC No.: 310-103952-27714 1
Client Contact: Gina Wilming	Phone: 563-590-4082	E-Mail: Conner Calhoun@et.eurofinsus com	State of Origin: IA	Page: Page 1 of 1
Company: Foth Infrastructure & Environment, LLC	PWSID:	Analysis Requested		Job #:
Address: 411 6th Avenue SE Suite 400	Due Date Requested:			Preservation Codes: D - HNO3, N - None
City: Cedar Rapids	TAT Requested (days):			
State, Zip: IA 52401	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order not required			
Email: gina wilming@foth com	WO #:			
Project Name: GU-O Confirmation	Project #: 31009776			Other:
Site:	SSOW#:			

Sample Identification	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)	6020B - Zinc	I_3765_85 - Residue, Non-filterable (TSS)	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	N		
GU-O_25_02	2/25/25	900	G	Water			X	X		

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I II III IV Other (specify)

Special Instructions/QC Requirements.

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	2/26/25 09.00	OA TECH			
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by: XB	Date/Time: 2/26/25 1630	Company ER

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks.

Ver: 05 06/2024

Login Sample Receipt Checklist

Client: Foth Infrastructure & Environment, LLC

Job Number: 310-300958-1
SDG Number:

Login Number: 300958
List Number: 1
Creator: Homolar, Dana J

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	

Data Validation Report

Project Name:	CRLCSWA Site 2 – Cedar Rapids, IA (24C034.00)
Task Name:	24C034_25_02
Data Set Description:	GU-O Retest Event
Laboratory(s):	Eurofins – Cedar Falls, IA
Laboratory Sample Delivery Group (SDG) ID(s):	310-300958-1
Sample Collection Dates:	2/25/2025
Sample Analysis Dates:	2/27/2025 – 3/4/2025
Sample Matrices:	Groundwater
Sample IDs Reviewed:	See Table 1
Verification and Validation Stage, 100% data:	☐ 1 ☒ 2A ☐ 2B ☐ 3 ☐ 4
Verified and Validated By:	Gina Wilming, Senior Project Manager 3/14/2025

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. The analytical report included 1 investigative groundwater sample collected via a grab sampling technique (underdrain) at the Cedar Rapids Linn County Solid Waste Agency (CRLCSWA) Site 2 on February 25, 2025; the sample is listed in Table 1. The data were collected in accordance with the *Hydrologic Monitoring System Plan* (HDR, 2021), Iowa Department of Natural Resources (IDNR) Sanitary Disposal Permit Number 57-SDP-01-72P, and 567 Iowa Administrative Code (IAC) 113.10.

Validation Summary

Stage 2A data validation was performed on 100% of the data from this 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 analyzed match the COC and current sampling program.	Not applicable
Case Narrative Review for items noted by the laboratory that may impact the validation process.	No quality control issues were noted in the case narrative.	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 methods ordered and analyzed were performed in accordance with the project requirements. Methods include United States Environmental Protection Agency (USEPA) 6020B Total Metals 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 analysis within the method-required holding times.	Not applicable
Blanks Confirm no detections in laboratory method blanks, field blanks, and trip blanks.	The sampling event was limited to resampling for zinc and TSS at GU-O. Project requirements do not require a field blank for resampling events. Trip blanks were not applicable since volatile organic compounds were not analyzed. Table 3 presents analytes detected in the method blanks. No qualifiers are assigned in Table 9. Zinc was detected in the method blank (MB 310-447741/1-A) at a concentration of 0.009769 J milligrams per liter (mg/L). In accordance with the *National Functional Guidelines for Inorganic Superfund Methods Data Review* (USEPA, 2020b) for inductively coupled plasma-mass spectrometry (ICP-MS) metals, when the blank contamination concentration is J-flagged, associated non-detect sample results are not qualified.	No qualifier 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 the surrogate recoveries that were outside the control limits. Surrogates are not analyzed for the methods reported in this SDG.	Not applicable

Validation Task and Description	Review Notes	Action
Matrix Spike/Matrix Spike Duplicates (MS/MSD) Continued 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 310-300958-1 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 for samples in this SDG.	Not applicable
Laboratory Control Sample/Laboratory Control Sample Duplicates (LCS/LCSDs) 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 310-300958-1 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 310-300958-1 are reviewed under Stage 2A validation guidelines. Table 7 is intended to present the laboratory duplicate sample RPDs that were outside the RPD limits. Eurofins did not analyze or report laboratory duplicate results.	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 sampling event was limited to resampling for zinc and TSS at GU-O. Project requirements do not require a field duplicate for resampling events.	Not applicable

Abbreviations:
COC = chain of custody
HMSP = Hydrologic Monitoring System Plan
ICP-MS = inductively coupled plasma mass spectrometry
LCS = laboratory control sample
LCSD = laboratory control sample duplicate
mg/L = milligrams per liter
MS = matrix spike
MSD = matrix spike duplicate
QA = quality assurance
QC = quality control
RPD = relative percent difference
SCUR = sample condition upon receipt
SDG = sample delivery group
TSS = total suspended solids
USEPA = United States Environmental Protection Agency
USGS = United States Geological Survey

Overall Assessment of Data

Item	Acceptable		Comments
	Yes	No	
1. Method Criteria	X		The sample was collected, preserved, delivered, and analyzed within the method protocols.
2. Precision	X		Field precision was not evaluated since a field duplicate sample was not collected. The sampling event was limited to resampling for zinc and TSS at GU-O. Project requirements do not require a field duplicate for resampling events. Laboratory precision is evaluated through MS/MSD, LCS/LCSD, and laboratory duplicate RPDs. Eurofins did not analyze or report MS/MSD and laboratory duplicate results. In addition, no LCSD results were reported with the LCS samples that were analyzed; therefore RPDs were not calculated.
3. Accuracy	X		Accuracy is evaluated through surrogate, MS/MSD, and LCS/LCSD recovery. Surrogates are not analyzed for the methods reported in this SDG. In addition, Eurofins did not analyze or report MS/MSD and LCSD results. Where analyzed and reported by the laboratory, LCS recoveries were within control limits.
4. Representativeness	X		Sampling was conducted in accordance with the sample collection procedures described in the approved HMSP.
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 is 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
GU-O_25_02	310-300958-1	Yes	Yes	Yes	Yes	Normal

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 Blank Exceedances

Lab Report	Blank Type	Lab Sample ID	Analysis Batch	Prep Batch	Parameter	Result	Units	Lab Qualifier	MDL	PQL	Associated Samples
310-300958-1	Method	MB 310-447741/1-A	448129	447741	Zinc	0.009769	mg/L	J	0.0097	0.02	GU-O_25_02

Notes:
MDL = minimum detection limit
mg/L = milligrams per liter
PQL = practical quantitation limit

Table 4
Surrogate Recovery Exceedances

Lab Sample ID	Parent Sample	Parameter	Surrogate % Recovery	% Recovery Limits
Surrogates are not analyzed for the methods reported in this SDG.				

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 samples were not analyzed for the samples this Sample Delivery Group.							

Notes:
% = percent
MS = matrix spike
MSD = matrix spike duplicate
RPD = relative percent difference
SDG = sample delivery group

Table 6
Laboratory Control Sample and Laboratory Control Sample Duplicate Exceedances

Lab Sample ID	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
SDG = sample delivery group

Table 7
Laboratory Duplicate Sample Exceedances

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

Notes:
RPD = relative percent difference
SDG = sample delivery group

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.					

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 to data in this Sample Delivery Group.									

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

HDR, 2021. *2021 Landfill Permit Renewal Application, Cedar Rapids Linn County Solid Waste Agency, Site 2, Permit No. 57-SDP-01-72P, Appendix J: Hydrologic Monitoring System Plan.* September 16.

United States Environmental Protection Agency (USEPA, 2020a). *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.

USEPA, 2020b. *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.

March 2025 Sampling Event

Groundwater Sampling Field Sheet

Site Name:	Cedar Rapids Linn County Solid Waste Agency Site 2	Permit No.:	57-SDP-01-72P
Well/Piezometer:	GU-1	Weather:	Clear, 35°, NW wind at 15-30 mph, 30.1" Hg
Date:	3/20/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Location Details

Description of Sample Location: GU-1 is the underdrain discharge point for the 13-Acre Cell. The underdrain system beneath the 13-Acre Cell gravity drains to a manhole located west of the cell. GU-1 is sampled using a peristaltic pump at the underdrain manhole.

Conditions commentary:

Sampling Details

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

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 Volume sampled (L): 1.49
Well dry? (Y/N): No Odor? (Y/N): No Color? (Y/N): Yes, slight

Sample Name(s)	Method(s)	Container(s)	Filtered?
GU-1_25_04	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	11:25
Temp (°C)	7.80
Sp. Cond (umhos/cm)	3189.9
pH	6.88
DO (mg/l)	4.64
ORP (mV)	-79.0
Turbidity (NTU)	87.39

Comments: Depth to water = 10.59 ft on 3/17/25 and 10.19 ft on 3/20/25 (prior to sample collection).

Groundwater Sampling Field Sheet

Site Name:	Cedar Rapids Linn County Solid Waste Agency Site 2	Permit No.:	57-SDP-01-72P
Well/Piezometer:	GU-L	Weather:	Clear, 35°, NW wind at 15-30 mph, 30.1" Hg
Date:	3/20/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Location Details

Description of Sample Location: GU-L is the underdrain discharge point for the leachate lagoon. GU-L is sampled with a peristaltic pump from the riser located on the east side of the lagoon.

Conditions commentary:

Sampling Details

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

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 | 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?
GU-1_25_04	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	12:45
Temp (°C)	9.08
Sp. Cond (umhos/cm)	2501.4
pH	6.99
DO (mg/l)	1.18
ORP (mV)	22.0
Turbidity (NTU)	13.83

Comments: Depth to water = 10.9.47 ft on 3/17/25 and 9.49 ft on 3/20/25 (prior to sample collection).

Groundwater Sampling Field Sheet

Site Name:	Cedar Rapids Linn County Solid Waste Agency Site 2	Permit No.:	57-SDP-01-72P
Well/Piezometer:	GU-O	Weather:	Clear, 35°, NW wind at 15-30 mph, 30.1" Hg
Date:	3/20/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Location Details

Description of Sample Location: GU-O is the underdrain discharge point for a portion of Phase 1; located on the east side of Phase 1. GU-O is sampled using the dedicated lift station's discharge pump.

Conditions commentary:

Sampling Details

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

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:) 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?
GU-O_25_04	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	13:00
Temp (°C)	11.18
Sp. Cond (umhos/cm)	1886.7
pH	7.25
DO (mg/l)	2.37
ORP (mV)	-68.2
Turbidity (NTU)	18.07

Comments:

Groundwater Sampling Field Sheet

Site Name:	Cedar Rapids Linn County Solid Waste Agency Site 2	Permit No.:	57-SDP-01-72P
Well/Piezometer:	GU-P	Weather:	Clear, 35°, NW wind at 15-30 mph, 30.1" Hg
Date:	3/20/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Location Details

Description of Sample Location: GU-P is the underdrain discharge point for Phases 1-5A; located on the east side of Phase 5A. GU-P is sampled using the dedicated lift station's discharge pump.

Conditions commentary:

Sampling Details

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

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:) 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?
GU-P_25_04	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	13:15
Temp (°C)	13.39
Sp. Cond (umhos/cm)	1157.0
pH	7.38
DO (mg/l)	2.40
ORP (mV)	-68.8
Turbidity (NTU)	0.00

Comments:

Site Name: Cedar Rapids Linn County Solid Waste Agency Site 2 | Permit No.: 57-SDP-01-72P

Well/Piezometer: MW-9AR | Weather: Partly Cloudy, 43°F, SSE wind at 25-40 mph, 30.0" Hg

Date: 3/17/2025 | Personnel: O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 8.5 | Casing Diameter (in): 2 | Ground surface elevation (ft. MSL): 860.61

Top of screen (ft. MSL): 851.60 | Materials: PVC | Top of Casing elevation (ft. MSL): 863.70

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	7.39	7.39	7.93
Water elevation (ft. MSL):	856.31	856.31	855.77

3 Well Volumes (gal): 7.19 | Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC):	22.09	22.09	0.00

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:) 846.70 | Flow Rate (mL/min): 200 | Volume removed (gal): 3.0 | Volume sampled (L): 4.49

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-9AR_25_04	USEPA 8260D - Appendix I VOCs	(3) VOA Vial 40 mL - HCl	No
		(3) VOA Vial 40 mL - Unpreserved	No
	USEPA 8081B - beta-BHC; gamma-BHC; Heptachlor	(2) Amber Glass 250 mL - Unpreserved	No
	USEPA 8151A - 2,4-D; 2,4,5-TP [(1)]	(2) Amber Glass 1 Liter - Unpreserved	No
	USEPA 6020B - Appendix I Total Metals	(1) Plastic 250 mL - HNO_3	No
	USEPA 9034 - Sulfide	(1) Plastic 500 mL - Zn Acetate & NaOH	No
	USGS I-3765-85 - TSS	(1) Plastic 1 Liter - Unpreserved	No

[(1)] As detailed in the data validation report, the hold times were exceeded due to a shipping delay. Due to the hold time exceedance, Foth instructed Eurofins not to proceed with the analysis.

Site Name:	Cedar Rapids Linn County Solid Waste Agency Site 2	Permit No.:	57-SDP-01-72P
Well/Piezometer:	MW-9AR	Weather:	Partly Cloudy, 43°F, SSE wind at 25-40 mph, 30.0" Hg
Date:	3/17/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Field Analysis

			Final Reading
Time	11:36	11:38	11:40
Temp (°C)	9.99	9.92	9.95
Sp. Cond (umhos/cm)	7482.3	7465.5	7458.4
pH	7.08	7.08	7.08
DO (mg/l)	0.00	0.00	0.00
ORP (mV)	-0.4	-3.0	-5.0
Turbidity (NTU)	54.98	57.22	59.98

Comments: Reddish-orange turbidity at purge start.

Site Name: Cedar Rapids Linn County Solid Waste Agency Site 2 | Permit No.: 57-SDP-01-72P

Well/Piezometer: MW-15 | Weather: Sunny, 73°F, SSE wind at 12-18 mph, 29.4" Hg

Date: 3/18/2025 | Personnel: O.A. Technical Services: Tyler Merritt & Randy Gavin

Monitoring Well Details

Borehole diameter (in): 9 | Casing Diameter (in): 2 | Ground surface elevation (ft. MSL): 817.11

Top of screen (ft. MSL): 809.70 | Materials: PVC | Top of Casing elevation (ft. MSL): 820.16

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	6.05	6.14	6.99
Water elevation (ft. MSL):	814.11	814.02	813.17

3 Well Volumes (gal): 7.05 | Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC):	20.46	20.46	0.00

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:) 805.16 | Flow Rate (mL/min): 250 | Volume removed (gal): 1.3 | 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-15_25_04	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	16:53	16:55	16:57
Temp (°C)	9.83	9.64	9.40
Sp. Cond (umhos/cm)	1403.1	1407.6	1408.5
pH	7.04	7.02	7.01
DO (mg/l)	0.08	0.07	0.06
ORP (mV)	20.5	21.6	22.8
Turbidity (NTU)	3.69	3.60	3.54

Site Name:	Cedar Rapids Linn County Solid Waste Agency Site 2	Permit No.:	57-SDP-01-72P
Well/Piezometer:	MW-15	Weather:	Sunny, 73°F, SSE wind at 12-18 mph, 29.4" Hg
Date:	3/18/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Randy Gavin

Comments: Collected field blank (FB-1_25_04) at 16:45.

Site Name: Cedar Rapids Linn County Solid Waste Agency Site 2 | Permit No.: 57-SDP-01-72P

Well/Piezometer: MW-16 | Weather: Clear, 54°F, S wind at 30-50 mph, 29.9" Hg

Date: 3/17/2025 | Personnel: O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 9 | Casing Diameter (in): 2 | Ground surface elevation (ft. MSL): 819.80

Top of screen (ft. MSL): 800.23 | Materials: PVC | Top of Casing elevation (ft. MSL): 822.24

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	6.96	N/A	N/A
Water elevation (ft. MSL):	815.28	N/A	N/A

3 Well Volumes (gal): 16.16 | Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC):	40.01	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

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: Water level monitoring location only.

Site Name: Cedar Rapids Linn County Solid Waste Agency Site 2 | Permit No.: 57-SDP-01-72P

Well/Piezometer: MW-18 | Weather: Clear, 73°, SSE wind at 10-15 mph, 39.4" Hg

Date: 3/18/2025 | Personnel: O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 9 | Casing Diameter (in): 2 | Ground surface elevation (ft. MSL): 827.29

Top of screen (ft. MSL): 820.40 | Materials: PVC | Top of Casing elevation (ft. MSL): 830.04

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	7.19	7.22	7.52
Water elevation (ft. MSL):	822.85	822.82	822.52

3 Well Volumes (gal): 6.09 | Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC):	19.64	19.64	0.00

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:) 815.04 | 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-18_25_04	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	17:32	17:34	17:36
Temp (°C)	11.04	11.21	11.24
Sp. Cond (umhos/cm)	2235.1	2257.9	2265.5
pH	6.75	6.75	6.75
DO (mg/l)	0.82	0.95	1.02
ORP (mV)	-34.9	-31.5	-31.0
Turbidity (NTU)	3.46	1.96	2.68

Site Name:	Cedar Rapids Linn County Solid Waste Agency Site 2	Permit No.:	57-SDP-01-72P
Well/Piezometer:	MW-18	Weather:	Clear, 73°, SSE wind at 10-15 mph, 39.4" Hg
Date:	3/18/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Comments:

Site Name: Cedar Rapids Linn County Solid Waste Agency Site 2 | Permit No.: 57-SDP-01-72P

Well/Piezometer: MW-19 | Weather: Clear, 72°F, SSE wind at 10-15 mph, 29.4" Hg

Date: 3/18/2025 | Personnel: O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 9 | Casing Diameter (in): 2 | Ground surface elevation (ft. MSL): 844.90

Top of screen (ft. MSL): 837.59 | Materials: PVC | Top of Casing elevation (ft. MSL): 847.13

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	5.46	5.60	8.71
Water elevation (ft. MSL):	841.67	841.53	838.42

3 Well Volumes (gal): 6.89 | Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC):	19.54	19.54	0.00

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:) 832.13 | Flow Rate (mL/min): 200 | Volume removed (gal): 1.7 | 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-19_25_04	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	18:31	18:33	18:35
Temp (°C)	9.93	9.97	9.80
Sp. Cond (umhos/cm)	1859.4	1860.3	1861.9
pH	6.61	6.61	6.61
DO (mg/l)	0.76	0.68	0.75
ORP (mV)	-4.8	-5.7	-12.1
Turbidity (NTU)	3.81	4.59	3.65

Site Name:	Cedar Rapids Linn County Solid Waste Agency Site 2	Permit No.:	57-SDP-01-72P
Well/Piezometer:	MW-19	Weather:	Clear, 72°F, SSE wind at 10-15 mph, 29.4" Hg
Date:	3/18/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Comments:

Site Name: Cedar Rapids Linn County Solid Waste Agency Site 2 | Permit No.: 57-SDP-01-72P

Well/Piezometer: MW-20 | Weather: Clear, 35°F, NW wind at 15-25 mph, 30.1" Hg

Date: 3/20/2025 | Personnel: O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 9 | Casing Diameter (in): 2 | Ground surface elevation (ft. MSL): 819.80

Top of screen (ft. MSL): 810.20 | Materials: PVC | Top of Casing elevation (ft. MSL): 822.25

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	8.99	8.92	9.05
Water elevation (ft. MSL):	813.26	813.33	813.20

3 Well Volumes (gal): 6.73 | Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC):	22.76	22.76	0.00

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:) 804.25 | Flow Rate (mL/min): 250 | Volume removed (gal): 1.5 | Volume sampled (L): 1.49

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-20_25_04	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	11:41	11:43	11:45
Temp (°C)	9.01	8.97	9.01
Sp. Cond (umhos/cm)	2640.3	2635.2	2570.0
pH	6.91	6.88	6.87
DO (mg/l)	0.00	0.00	0.00
ORP (mV)	-65.2	-66.2	-67.2
Turbidity (NTU)	12.61	13.21	13.39

Site Name:	Cedar Rapids Linn County Solid Waste Agency Site 2	Permit No.:	57-SDP-01-72P
Well/Piezometer:	MW-20	Weather:	Clear, 35°F, NW wind at 15-25 mph, 30.1" Hg
Date:	3/20/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Comments: *Slight color and effervescence in sample.
Collected field duplicate (FD-3_25_04) at MW-20.

Site Name: Cedar Rapids Linn County Solid Waste Agency Site 2 | Permit No.: 57-SDP-01-72P

Well/Piezometer: MW-22 | Weather: Clear, 30°F, NW wind at 15-30 mph mph, 30.1" Hg

Date: 3/20/2025 | Personnel: O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 9 | Casing Diameter (in): 2 | Ground surface elevation (ft. MSL): 834.57

Top of screen (ft. MSL): 827.36 | Materials: PVC | Top of Casing elevation (ft. MSL): 834.04

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	2.74	2.72	3.86
Water elevation (ft. MSL):	831.30	831.32	830.18

3 Well Volumes (gal): 6.82 | Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC):	16.68	16.68	0.00

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:) 822.04 | Flow Rate (mL/min): 200 | Volume removed (gal): 0.7 | Volume sampled (L): 3.99

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-22_25_04	USEPA 8260D - Appendix I VOCs	(3) VOA Vial 40 mL - HCl	No
		(3) VOA Vial 40 mL - Unpreserved	No
	USEPA 8081B - beta-BHC	(2) Amber Glass 250 mL - Unpreserved	No
	USEPA 8151A - 2,4,5-TP	(2) Amber Glass 1 Liter - 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	8:55	8:57	8:59
Temp (°C)	4.94	4.76	4.77
Sp. Cond (umhos/cm)	3748.4	3744.5	3743.0
pH	7.28	7.28	7.28
DO (mg/l)	0.00	0.00	0.00
ORP (mV)	247.6	249.3	249.5
Turbidity (NTU)	14.2	14.7	15.4

Site Name:	Cedar Rapids Linn County Solid Waste Agency Site 2	Permit No.:	57-SDP-01-72P
Well/Piezometer:	MW-22	Weather:	Clear, 30°F, NW wind at 15-30 mph mph, 30.1" Hg
Date:	3/20/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Comments:

Site Name: Cedar Rapids Linn County Solid Waste Agency Site 2 | Permit No.: 57-SDP-01-72P

Well/Piezometer: MW-23 | Weather: Clear, 54°F, S wind at 30-50 mph, 29.9" Hg

Date: 3/17/2025 | Personnel: O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 9 | Casing Diameter (in): 2 | Ground surface elevation (ft. MSL): 840.17

Top of screen (ft. MSL): 832.97 | Materials: PVC | Top of Casing elevation (ft. MSL): 842.60

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	2.02	N/A	N/A
Water elevation (ft. MSL):	840.58	N/A	N/A

3 Well Volumes (gal): 7.35 | Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC):	17.05	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

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: Water level monitoring location only.

Site Name: Cedar Rapids Linn County Solid Waste Agency Site 2 | Permit No.: 57-SDP-01-72P

Well/Piezometer: MW-24 | Weather: Clear, 69°F, SSE wind at 10-15 mph, 29.6" Hg

Date: 3/18/2024 | 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): 817.39

Top of screen (ft. MSL): 811.70 | Materials: PVC | Top of Casing elevation (ft. MSL): 820.27

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	8.65	8.66	8.67
Water elevation (ft. MSL):	811.62	811.61	811.60

3 Well Volumes (gal): 1.99 | Screen submerged? (Y/N): No

	Constructed	Measured	Difference
Well Depth (ft. TOC):	12.71	12.71	0.00

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:) 808.02 | Flow Rate (mL/min): 200 | 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-24_25_04	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	14:12	14:14	14:16
Temp (°C)	10.57	10.48	10.75
Sp. Cond (umhos/cm)	1982.2	1979.6	1979.6
pH	6.95	6.95	6.95
DO (mg/l)	6.02	6.01	6.00
ORP (mV)	153.2	148.6	145.6
Turbidity (NTU)	1.36	1.75	2.63

Site Name:	Cedar Rapids Linn County Solid Waste Agency Site 2	Permit No.:	57-SDP-01-72P
Well/Piezometer:	MW-24	Weather:	Clear, 69°F, SSE wind at 10-15 mph, 29.6" Hg
Date:	3/18/2024	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Comments:

Site Name: Cedar Rapids Linn County Solid Waste Agency Site 2 | Permit No.: 57-SDP-01-72P

Well/Piezometer: MW-26A | Weather: Clear, 69°F, SSE wind at 15-20 mph, 29.6" Hg

Date: 3/18/2025 | 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): 825.65

Top of screen (ft. MSL): 813.46 | Materials: PVC | Top of Casing elevation (ft. MSL): 828.26

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	17.25	17.22	17.24
Water elevation (ft. MSL):	811.01	811.04	811.02

3 Well Volumes (gal): 1.25 | Screen submerged? (Y/N): No

	Constructed	Measured	Difference
Well Depth (ft. TOC):	19.80	20.09	0.29

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:) 808.76 | Flow Rate (mL/min): 125 | 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-26A_25_04	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	15:53	15:55	15:57
Temp (°C)	13.96	13.70	13.39
Sp. Cond (umhos/cm)	2879.6	2890.0	2901.2
pH	6.90	6.92	6.93
DO (mg/l)	0.19	0.11	0.07
ORP (mV)	-70.7	-69.7	-70.7
Turbidity (NTU)	1.31	1.21	1.22

Site Name:	Cedar Rapids Linn County Solid Waste Agency Site 2	Permit No.:	57-SDP-01-72P
Well/Piezometer:	MW-26A	Weather:	Clear, 69°F, SSE wind at 15-20 mph, 29.6" Hg
Date:	3/18/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Comments:

Site Name: Cedar Rapids Linn County Solid Waste Agency Site 2 | Permit No.: 57-SDP-01-72P

Well/Piezometer: MW-27 | Weather: Clear, 54°F, S wind at 30-50 mph, 29.9" Hg

Date: 3/17/2025 | Personnel: O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 9.25 | Casing Diameter (in): 2 | Ground surface elevation (ft. MSL): 818.03

Top of screen (ft. MSL): 813.03 | Materials: PVC | Top of Casing elevation (ft. MSL): 820.59

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	7.78	N/A	N/A
Water elevation (ft. MSL):	812.81	N/A	N/A

3 Well Volumes (gal): 4.83 | Screen submerged? (Y/N): No

	Constructed	Measured	Difference
Well Depth (ft. TOC):	17.65	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

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: Water level monitoring location only.

Site Name: Cedar Rapids Linn County Solid Waste Agency Site 2 | Permit No.: 57-SDP-01-72P

Well/Piezometer: MW-28 | Weather: Clear, 54°F, S wind at 30-50 mph, 29.9" Hg

Date: 3/17/2025 | Personnel: O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 9.25 | Casing Diameter (in): 2 | Ground surface elevation (ft. MSL): 817.91

Top of screen (ft. MSL): 803.41 | Materials: PVC | Top of Casing elevation (ft. MSL): 820.29

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	8.18	N/A	N/A
Water elevation (ft. MSL):	812.11	N/A	N/A

3 Well Volumes (gal): 6.48 | Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC):	21.44	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

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: Water level monitoring location only.

Site Name: Cedar Rapids Linn County Solid Waste Agency Site 2 | Permit No.: 57-SDP-01-72P

Well/Piezometer: MW-29 | Weather: Clear, 48°F, ESE wind at 5-10 mph, 29.7" Hg

Date: 3/18/2025 | Personnel: O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 9.25 | Casing Diameter (in): 2 | Ground surface elevation (ft. MSL): 816.63

Top of screen (ft. MSL): 811.63 | Materials: PVC | Top of Casing elevation (ft. MSL): 819.26

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	6.03	6.07	6.14
Water elevation (ft. MSL):	813.23	813.19	813.12

3 Well Volumes (gal): 5.43 | Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC):	17.14	17.14	0.00

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:) 807.26 | Flow Rate (mL/min): 200 | Volume removed (gal): 1.6 | 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-29_25_04	USEPA 8260D - Benzene	(3) VOA Vial 40 mL - HCl	No
		(3) VOA Vial 40 mL - Unpreserved	No
	USEPA 6020B - Cobalt	(1) Plastic 250 mL - HNO_3	No
	USGS I-3765-85 - TSS	(1) Plastic 1 Liter - Unpreserved	No

Field Analysis

			Final Reading
Time	9:30	9:32	9:34
Temp (°C)	8.19	8.22	8.14
Sp. Cond (umhos/cm)	859.91	871.09	879.47
pH	6.42	6.44	6.45
DO (mg/l)	3.00	3.07	3.06
ORP (mV)	177.3	176.3	171.8
Turbidity (NTU)	5.50	5.69	5.09

Site Name:	Cedar Rapids Linn County Solid Waste Agency Site 2	Permit No.:	57-SDP-01-72P
Well/Piezometer:	MW-29	Weather:	Clear, 48°F, ESE wind at 5-10 mph, 29.7" Hg
Date:	3/18/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Comments:

Site Name: Cedar Rapids Linn County Solid Waste Agency Site 2 | Permit No.: 57-SDP-01-72P

Well/Piezometer: MW-30 | Weather: Clear, 69°F, SSW wind at 20-30 mph, 29.7" Hg

Date: 3/17/2025 | Personnel: O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 9.25 | Casing Diameter (in): 2 | Ground surface elevation (ft. MSL): 816.16

Top of screen (ft. MSL): 811.16 | Materials: PVC | Top of Casing elevation (ft. MSL): 818.74

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	5.95	5.95	6.01
Water elevation (ft. MSL):	812.79	812.79	812.73

3 Well Volumes (gal): 5.48 | Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC):	17.15	17.21	0.06

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:) 806.74 | Flow Rate (mL/min): 100 | Volume removed (gal): 1.3 | 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-30_25_04	USEPA 8260D - Benzene	(3) VOA Vial 40 mL - HCl	No
		(3) VOA Vial 40 mL - Unpreserved	No
	USEPA 6020B - Cobalt	(1) Plastic 250 mL - HNO_3	No
	USGS I-3765-85 - TSS	(1) Plastic 1 Liter - Unpreserved	No

Field Analysis

			Final Reading
Time	14:51	14:53	14:55
Temp (°C)	10.59	10.89	10.53
Sp. Cond (umhos/cm)	1396.7	1396.8	1403.1
pH	6.66	6.65	6.67
DO (mg/l)	1.12	1.16	1.14
ORP (mV)	-77.0	-75.9	-71.1
Turbidity (NTU)	25.9	24.7	24.9

Site Name:	Cedar Rapids Linn County Solid Waste Agency Site 2	Permit No.:	57-SDP-01-72P
Well/Piezometer:	MW-30	Weather:	Clear, 69°F, SSW wind at 20-30 mph, 29.7" Hg
Date:	3/17/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Comments:

Site Name: Cedar Rapids Linn County Solid Waste Agency Site 2 | Permit No.: 57-SDP-01-72P

Well/Piezometer: MW-201A | Weather: Clear, 54°F, S wind at 30-50 mph, 29.9" Hg

Date: 3/17/2025 | Personnel: O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 8.25 | Casing Diameter (in): 2 | Ground surface elevation (ft. MSL): 868.59

Top of screen (ft. MSL): 861.06 | Materials: PVC | Top of Casing elevation (ft. MSL): 871.41

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	5.79	N/A	N/A
Water elevation (ft. MSL):	865.62	N/A	N/A

3 Well Volumes (gal): 5.90 | Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC):	17.85	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

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: Water level monitoring location only.

Site Name: Cedar Rapids Linn County Solid Waste Agency Site 2 | Permit No.: 57-SDP-01-72P

Well/Piezometer: MW-201B | Weather: Partly cloudy, 56°F, WNW wind at 15-25 mph, 30.2" Hg

Date: 3/26/2025 | Personnel: O.A. Technical Services: Tyler Merritt & Randy Gavin

Monitoring Well Details

Borehole diameter (in): 8.25 | Casing Diameter (in): 2 | Ground surface elevation (ft. MSL): 868.98

Top of screen (ft. MSL): 818.41 | Materials: PVC | Top of Casing elevation (ft. MSL): 871.06

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	22.13	22.69	27.90
Water elevation (ft. MSL):	848.93	848.37	843.16

3 Well Volumes (gal): 19.81 | Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC):	62.65	62.65	0.00

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:) 813.06 | Flow Rate (mL/min): 125 | Volume removed (gal): 1.4 | Volume sampled (L): 4.49

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-201B_25_04	USEPA 8260D - Appendix I VOCs	(3) VOA Vial 40 mL - HCl	No
		(3) VOA Vial 40 mL - Unpreserved	No
	USEPA 8081B - beta-BHC; gamma-BHC; Heptachlor	(2) Amber Glass 250 mL - Unpreserved	No
	USEPA 8151A - 2,4-D; 2,4,5-TP	(2) Amber Glass 1 Liter - Unpreserved	No
	USEPA 6020B - Appendix I Total Metals	(1) Plastic 250 mL - HNO_3	No
	USEPA 9034 - Sulfide	(1) Plastic 500 mL - Zn Acetate & NaOH	No
	USGS I-3765-85 - TSS	(1) Plastic 1 Liter - Unpreserved	No

Site Name:	Cedar Rapids Linn County Solid Waste Agency Site 2	Permit No.:	57-SDP-01-72P
Well/Piezometer:	MW-201B	Weather:	Partly cloudy, 56°F, WNW wind at 15-25 mph, 30.2" Hg
Date:	3/26/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Randy Gavin

Field Analysis

			Final Reading
Time	14:59	15:02	15:05
Temp (°C)	13.05	13.86	13.62
Sp. Cond (umhos/cm)	636.96	636.51	636.77
pH	6.47	6.48	6.48
DO (mg/l)	5.07	5.07	5.10
ORP (mV)	97.9	96.8	96.7
Turbidity (NTU)	3.78	3.16	3.58

Comments:

Site Name: Cedar Rapids Linn County Solid Waste Agency Site 2 | Permit No.: 57-SDP-01-72P

Well/Piezometer: MW-201C | Weather: Clear, 54°F, S wind at 30-50 mph, 29.9" Hg

Date: 3/17/2025 | Personnel: O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 8.25 | Casing Diameter (in): 2 | Ground surface elevation (ft. MSL): 869.16

Top of screen (ft. MSL): 625.03 | Materials: PVC | Top of Casing elevation (ft. MSL): 870.61

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	49.61	N/A	N/A
Water elevation (ft. MSL):	821.00	N/A	N/A

3 Well Volumes (gal): 101.22 | Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC):	256.60	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

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: Water level monitoring location only.

Site Name: Cedar Rapids Linn County Solid Waste Agency Site 2 | Permit No.: 57-SDP-01-72P

Well/Piezometer: MW-204A | Weather: Clear, 69°F, SSW wind at 20-35 mph, 29.7" Hg

Date: 3/17/2025 | Personnel: O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 8.25 | Casing Diameter (in): 2 | Ground surface elevation (ft. MSL): 819.07

Top of screen (ft. MSL): 813.24 | Materials: PVC | Top of Casing elevation (ft. MSL): 821.35

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	4.82	4.80	5.32
Water elevation (ft. MSL):	816.53	816.55	816.03

3 Well Volumes (gal): 4.05 | Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC):	13.11	13.35	0.24

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:) 811.35 | Flow Rate (mL/min): 250-150 | Volume removed (gal): 2.1 | 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-204A_25_04	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	17:56	17:58	18:00
Temp (°C)	10.08	10.12	10.13
Sp. Cond (umhos/cm)	963.32	948.55	958.96
pH	6.81	6.81	6.81
DO (mg/l)	10.02	9.93	10.03
ORP (mV)	73.5	76.8	76.9
Turbidity (NTU)	9.89	10.10	9.34

Site Name:	Cedar Rapids Linn County Solid Waste Agency Site 2	Permit No.:	57-SDP-01-72P
Well/Piezometer:	MW-204A	Weather:	Clear, 69°F, SSW wind at 20-35 mph, 29.7" Hg
Date:	3/17/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Comments:

Site Name: Cedar Rapids Linn County Solid Waste Agency Site 2 | Permit No.: 57-SDP-01-72P

Well/Piezometer: MW-204B | Weather: Clear, 70°F, SSW wind at 20-30 mph, 29.7" Hg

Date: 3/17/2025 | Personnel: O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 8.25 | Casing Diameter (in): 2 | Ground surface elevation (ft. MSL): 819.19

Top of screen (ft. MSL): 800.06 | Materials: PVC | Top of Casing elevation (ft. MSL): 821.53

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	8.18	8.10	8.52
Water elevation (ft. MSL):	813.35	813.43	813.01

3 Well Volumes (gal): 8.94 | Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC):	26.47	26.70	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:) 799.53 | Flow Rate (mL/min): 200 | Volume removed (gal): 1.3 | 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-204B_25_04	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	17:38	17:40	17:42
Temp (°C)	12.16	11.86	12.04
Sp. Cond (umhos/cm)	2045.1	2078.7	2084.4
pH	6.97	6.96	6.95
DO (mg/l)	0.00	0.00	0.00
ORP (mV)	-34.1	-32.9	-32.9
Turbidity (NTU)	4.12	3.77	4.70

Site Name:	Cedar Rapids Linn County Solid Waste Agency Site 2	Permit No.:	57-SDP-01-72P
Well/Piezometer:	MW-204B	Weather:	Clear, 70°F, SSW wind at 20-30 mph, 29.7" Hg
Date:	3/17/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Comments:

Site Name: Cedar Rapids Linn County Solid Waste Agency Site 2 | Permit No.: 57-SDP-01-72P

Well/Piezometer: MW-204C | Weather: Clear, 54°F, S wind at 30-50 mph, 29.9" Hg

Date: 3/17/2025 | Personnel: O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 8.25 | Casing Diameter (in): 2 | Ground surface elevation (ft. MSL): 819.08

Top of screen (ft. MSL): 780.89 | Materials: PVC | Top of Casing elevation (ft. MSL): 821.64

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	7.61	N/A	N/A
Water elevation (ft. MSL):	814.03	N/A	N/A

3 Well Volumes (gal): 21.10 | Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC):	50.75	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 ___ 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

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: Water level monitoring location only.

Site Name: Cedar Rapids Linn County Solid Waste Agency Site 2 | Permit No.: 57-SDP-01-72P

Well/Piezometer: MW-211A | Weather: Clear, 54°F, S wind at 30-50 mph, 29.9" Hg

Date: 3/17/2025 | Personnel: O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 8.25 | Casing Diameter (in): 2 | Ground surface elevation (ft. MSL): 854.09

Top of screen (ft. MSL): 848.38 | Materials: PVC | Top of Casing elevation (ft. MSL): 856.50

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	7.82	N/A	N/A
Water elevation (ft. MSL):	848.68	N/A	N/A

3 Well Volumes (gal): 5.04 | Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC):	18.12	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

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: Water level monitoring location only.

Site Name: Cedar Rapids Linn County Solid Waste Agency Site 2 | Permit No.: 57-SDP-01-72P

Well/Piezometer: MW-211D | Weather: Clear, 54°F, S wind at 30-50 mph, 29.9" Hg

Date: 3/17/2025 | Personnel: O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 8.25 | Casing Diameter (in): 2 | Ground surface elevation (ft. MSL): 854.46

Top of screen (ft. MSL): 752.04 | Materials: PVC | Top of Casing elevation (ft. MSL): 857.04

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	42.78	N/A	N/A
Water elevation (ft. MSL):	814.26	N/A	N/A

3 Well Volumes (gal): 35.32 | Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC):	115.00	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

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: Water level monitoring location only.

Site Name: Cedar Rapids Linn County Solid Waste Agency Site 2 | Permit No.: 57-SDP-01-72P

Well/Piezometer: MW-213A | Weather: Clear, 64°F, S wind at 25-35 mph, 29.9" Hg

Date: 3/17/2025 | Personnel: O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 8.25 | Casing Diameter (in): 2 | Ground surface elevation (ft. MSL): 818.07

Top of screen (ft. MSL): 813.62 | Materials: PVC | Top of Casing elevation (ft. MSL): 820.34

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	3.27	3.24	4.43
Water elevation (ft. MSL):	817.07	817.10	815.91

3 Well Volumes (gal): 4.13 | Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC):	11.72	11.71	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:) 811.34 | 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-213A_25_04	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	15:38	15:40	15:42
Temp (°C)	7.33	7.19	6.92
Sp. Cond (umhos/cm)	990.53	998.55	998.26
pH	7.00	6.96	6.94
DO (mg/l)	0.18	0.13	0.09
ORP (mV)	62.6	59.7	58.8
Turbidity (NTU)	3.17	0.00	0.05

Site Name:	Cedar Rapids Linn County Solid Waste Agency Site 2	Permit No.:	57-SDP-01-72P
Well/Piezometer:	MW-213A	Weather:	Clear, 64°F, S wind at 25-35 mph, 29.9" Hg
Date:	3/17/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Comments:

Site Name: Cedar Rapids Linn County Solid Waste Agency Site 2 | Permit No.: 57-SDP-01-72P

Well/Piezometer: MW-213B | Weather: Clear, 66°F, S wind at 25-35 mph, 29.8" Hg

Date: 3/17/2025 | Personnel: O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 8.25 | Casing Diameter (in): 2 | Ground surface elevation (ft. MSL): 817.85

Top of screen (ft. MSL): 794.75 | Materials: PVC | Top of Casing elevation (ft. MSL): 820.30

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	3.73	3.67	3.89
Water elevation (ft. MSL):	816.57	816.63	816.41

3 Well Volumes (gal): 13.11 | Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC):	30.55	30.81	0.26

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:) 792.30 | Flow Rate (mL/min): 225-175 | Volume removed (gal): 2.3 | 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-213B_25_04	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	16:37	16:39	16:41
Temp (°C)	10.78	10.83	10.85
Sp. Cond (umhos/cm)	327.84	327.84	328.34
pH	7.69	7.69	7.67
DO (mg/l)	0.98	1.07	1.08
ORP (mV)	-39.5	-39.9	-41.1
Turbidity (NTU)	6.79	6.88	7.21

Site Name:	Cedar Rapids Linn County Solid Waste Agency Site 2	Permit No.:	57-SDP-01-72P
Well/Piezometer:	MW-213B	Weather:	Clear, 66°F, S wind at 25-35 mph, 29.8" Hg
Date:	3/17/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Comments:

Site Name: Cedar Rapids Linn County Solid Waste Agency Site 2 | Permit No.: 57-SDP-01-72P

Well/Piezometer: MW-213D | Weather: Clear, 54°F, S wind at 30-50 mph, 29.9" Hg

Date: 3/17/2025 | Personnel: O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 8.25 | Casing Diameter (in): 2 | Ground surface elevation (ft. MSL): 817.86

Top of screen (ft. MSL): 765.58 | Materials: PVC | Top of Casing elevation (ft. MSL): 820.08

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	6.04	N/A	N/A
Water elevation (ft. MSL):	814.04	N/A	N/A

3 Well Volumes (gal): 28.59 | Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC):	64.50	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

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: Water level monitoring location only.

Site Name: Cedar Rapids Linn County Solid Waste Agency Site 2 | Permit No.: 57-SDP-01-72P

Well/Piezometer: MW-213E | Weather: Clear, 54°F, S wind at 30-50 mph, 29.9" Hg

Date: 3/17/2025 | Personnel: O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 4.25 | Casing Diameter (in): 2 | Ground surface elevation (ft. MSL): 817.81

Top of screen (ft. MSL): 749.22 | Materials: PVC | Top of Casing elevation (ft. MSL): 820.27

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	6.18	N/A	N/A
Water elevation (ft. MSL):	814.09	N/A	N/A

3 Well Volumes (gal): 36.61 | Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC):	81.05	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

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: Water level monitoring location only.

Site Name: Cedar Rapids Linn County Solid Waste Agency Site 2 | Permit No.: 57-SDP-01-72P

Well/Piezometer: MW-214 | Weather: Clear, 59°F, S wind at 25-35 mph, 29.8" Hg

Date: 3/17/2025 | Personnel: O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 8.25 | Casing Diameter (in): 2 | Ground surface elevation (ft. MSL): 835.10

Top of screen (ft. MSL): 829.56 | Materials: PVC | Top of Casing elevation (ft. MSL): 837.29

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	11.50	11.43	11.48
Water elevation (ft. MSL):	825.79	825.86	825.81

3 Well Volumes (gal): 3.05 | Screen submerged? (Y/N): No

	Constructed	Measured	Difference
Well Depth (ft. TOC):	17.73	17.73	0.00

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:) 822.29 | 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-214_25_04	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	13:56	13:58	14:00
Temp (°C)	9.22	9.22	9.42
Sp. Cond (umhos/cm)	839.49	835.77	838.26
pH	7.54	7.54	7.54
DO (mg/l)	6.78	6.68	6.66
ORP (mV)	48.8	47.9	46.8
Turbidity (NTU)	0.00	0.00	0.00

Site Name:	Cedar Rapids Linn County Solid Waste Agency Site 2	Permit No.:	57-SDP-01-72P
Well/Piezometer:	MW-214	Weather:	Clear, 59°F, S wind at 25-35 mph, 29.8" Hg
Date:	3/17/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Comments:

Site Name: Cedar Rapids Linn County Solid Waste Agency Site 2 | Permit No.: 57-SDP-01-72P

Well/Piezometer: MW-215 | Weather: Clear, 61°F, S wind at 25-40 mph, 29.8" Hg

Date: 3/17/2025 | Personnel: O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 8.25 | Casing Diameter (in): 2 | Ground surface elevation (ft. MSL): 819.57

Top of screen (ft. MSL): 813.40 | Materials: PVC | Top of Casing elevation (ft. MSL): 822.14

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	6.57	6.50	8.15
Water elevation (ft. MSL):	815.57	815.64	813.99

3 Well Volumes (gal): 5.95 | Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC):	18.74	18.74	0.00

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:) 806.14 | 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-215_25_04	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	14:45	14:47	14:49
Temp (°C)	8.95	9.09	9.07
Sp. Cond (umhos/cm)	429.12	428.61	428.55
pH	7.38	7.36	7.35
DO (mg/l)	9.06	9.05	9.02
ORP (mV)	41.2	43.8	43.4
Turbidity (NTU)	1.84	1.03	0.57

Site Name:	Cedar Rapids Linn County Solid Waste Agency Site 2	Permit No.:	57-SDP-01-72P
Well/Piezometer:	MW-215	Weather:	Clear, 61°F, S wind at 25-40 mph, 29.8" Hg
Date:	3/17/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Comments:

Site Name: Cedar Rapids Linn County Solid Waste Agency Site 2 | Permit No.: 57-SDP-01-72P

Well/Piezometer: MW-216 | Weather: Clear, 54°F, S wind at 30-50 mph, 29.9" Hg

Date: 3/17/2025 | Personnel: O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 8.25 | Casing Diameter (in): 2 | Ground surface elevation (ft. MSL): 845.50

Top of screen (ft. MSL): 832.53 | Materials: PVC | Top of Casing elevation (ft. MSL): 847.63

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	8.22	N/A	N/A
Water elevation (ft. MSL):	839.41	N/A	N/A

3 Well Volumes (gal): 8.25 | Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC):	25.10	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

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: Water level monitoring location only.

Site Name: Cedar Rapids Linn County Solid Waste Agency Site 2 | Permit No.: 57-SDP-01-72P

Well/Piezometer: MW-218 | Weather: Clear, 43°F, E wind at 5-10 mph, 29.7" Hg

Date: 3/18/2025 | Personnel: O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 8.25 | Casing Diameter (in): 2 | Ground surface elevation (ft. MSL): 829.65

Top of screen (ft. MSL): 812.39 | Materials: PVC | Top of Casing elevation (ft. MSL): 832.96

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	21.75	21.72	21.80
Water elevation (ft. MSL):	811.21	811.24	811.16

3 Well Volumes (gal): 3.82 | Screen submerged? (Y/N): No

	Constructed	Measured	Difference
Well Depth (ft. TOC):	29.57	29.70	0.13

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:) 807.96 | Flow Rate (mL/min): 200 | 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-218_25_04	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	9:16	9:18	9:20
Temp (°C)	11.06	10.74	10.69
Sp. Cond (umhos/cm)	644.36	642.46	643.52
pH	7.15	7.17	7.16
DO (mg/l)	0.31	0.21	0.14
ORP (mV)	227.8	227.9	229.4
Turbidity (NTU)	0.46	0.70	0.89

Site Name:	Cedar Rapids Linn County Solid Waste Agency Site 2	Permit No.:	57-SDP-01-72P
Well/Piezometer:	MW-218	Weather:	Clear, 43°F, E wind at 5-10 mph, 29.7" Hg
Date:	3/18/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Comments:

Site Name: Cedar Rapids Linn County Solid Waste Agency Site 2 | Permit No.: 57-SDP-01-72P

Well/Piezometer: MW-300 | Weather: Clear, 71°F, SE wind at 5-10 mph, 29.5" Hg

Date: 3/18/2025 | 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): 853.19

Top of screen (ft. MSL): 849.19 | Materials: PVC | Top of Casing elevation (ft. MSL): 855.57

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	5.92	5.95	6.70
Water elevation (ft. MSL):	849.65	849.62	848.87

3 Well Volumes (gal): 5.11 | Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC):	16.38	16.38	0.00

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:) 842.57 | Flow Rate (mL/min): 250 | Volume removed (gal): 1.3 | 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-300_25_04	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	18:28	18:30	18:32
Temp (°C)	8.51	8.36	8.20
Sp. Cond (umhos/cm)	689.19	686.43	687.70
pH	6.60	6.60	6.60
DO (mg/l)	6.22	6.20	6.19
ORP (mV)	41.0	44.3	46.4
Turbidity (NTU)	3.23	3.57	3.54

Site Name:	Cedar Rapids Linn County Solid Waste Agency Site 2	Permit No.:	57-SDP-01-72P
Well/Piezometer:	MW-300	Weather:	Clear, 71°F, SE wind at 5-10 mph, 29.5" Hg
Date:	3/18/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Comments:

Site Name: Cedar Rapids Linn County Solid Waste Agency Site 2 | Permit No.: 57-SDP-01-72P

Well/Piezometer: MW-301 | Weather: Clear, 72°F, SSE wind at 0-10 mph, 29.5" Hg

Date: 3/18/2025 | 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): 822.47

Top of screen (ft. MSL): 812.47 | Materials: PVC | Top of Casing elevation (ft. MSL): 824.10

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	10.38	10.30	11.34
Water elevation (ft. MSL):	813.72	813.80	812.76

3 Well Volumes (gal): 4.75 | Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC):	20.10	20.10	0.00

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:) 808.10 | Flow Rate (mL/min): 250 | Volume removed (gal): 1.4 | 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-301_25_04	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	17:43	17:45	17:47
Temp (°C)	11.03	10.99	10.93
Sp. Cond (umhos/cm)	1614.4	1632.9	1638.3
pH	6.88	6.88	6.88
DO (mg/l)	0.76	0.73	0.68
ORP (mV)	-31.4	-34.7	-36.9
Turbidity (NTU)	36.41	36.18	36.68

Site Name:	Cedar Rapids Linn County Solid Waste Agency Site 2	Permit No.:	57-SDP-01-72P
Well/Piezometer:	MW-301	Weather:	Clear, 72°F, SSE wind at 0-10 mph, 29.5" Hg
Date:	3/18/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Comments:

Site Name: Cedar Rapids Linn County Solid Waste Agency Site 2 | Permit No.: 57-SDP-01-72P

Well/Piezometer: MW-302R | Weather: Clear, 72°F, SSE wind at 10-15 mph, 29.5" Hg

Date: 3/18/2025 | 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): -

Top of screen (ft. MSL): 804.99 | Materials: PVC | Top of Casing elevation (ft. MSL): 823.05

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	4.48	4.39	6.45
Water elevation (ft. MSL):	818.57	818.66	816.60

3 Well Volumes (gal): 11.53 | Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC):	28.06	28.06	0.00

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:) 800.05 | Flow Rate (mL/min): 150 | 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-302R_25_04	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	15:33	15:35	15:37
Temp (°C)	17.16	16.70	16.53
Sp. Cond (umhos/cm)	568.08	574.81	562.65
pH	7.29	7.30	7.31
DO (mg/l)	2.92	2.89	2.86
ORP (mV)	113.7	109.0	104.1
Turbidity (NTU)	12.2	12.8	12.7

Site Name:	Cedar Rapids Linn County Solid Waste Agency Site 2	Permit No.:	57-SDP-01-72P
Well/Piezometer:	MW-302R	Weather:	Clear, 72°F, SSE wind at 10-15 mph, 29.5" Hg
Date:	3/18/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Comments: Collected field duplicate (FD-2_25_04) at MW-302R.

Site Name: Cedar Rapids Linn County Solid Waste Agency Site 2 | Permit No.: 57-SDP-01-72P

Well/Piezometer: MW-303 | Weather: Clear, 69°F, SSE wind at 15-20 mph, 29.6" Hg

Date: 3/18/2025 | Personnel: O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 9 | Casing Diameter (in): 2 | Ground surface elevation (ft. MSL): -

Top of screen (ft. MSL): 817.91 | Materials: PVC | Top of Casing elevation (ft. MSL): 826.76

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	16.27	16.27	17.73
Water elevation (ft. MSL):	810.49	810.49	809.03

3 Well Volumes (gal): 2.24 | Screen submerged? (Y/N): No

	Constructed	Measured	Difference
Well Depth (ft. TOC):	20.85	20.85	0.00

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:) 807.76 | Flow Rate (mL/min): 150 | Volume removed (gal): 1.2 | Volume sampled (L): 3.99

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-303_25_04	USEPA 8260D - Appendix I VOCs	(3) VOA Vial 40 mL - HCl	No
		(3) VOA Vial 40 mL - Unpreserved	No
	USEPA 8081B - gamma-BHC, Heptachlor	(2) Amber Glass 250 mL - Unpreserved	No
	USEPA 8151A - 2,4-D	(2) Amber Glass 1 Liter - 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	14:33	14:35	14:37
Temp (°C)	13.26	13.29	13.42
Sp. Cond (umhos/cm)	1686.6	1680.1	1680.2
pH	6.47	6.47	6.48
DO (mg/l)	1.01	1.04	0.99
ORP (mV)	139.0	137.7	136.6
Turbidity (NTU)	4.40	1.98	1.45

Site Name:	Cedar Rapids Linn County Solid Waste Agency Site 2	Permit No.:	57-SDP-01-72P
Well/Piezometer:	MW-303	Weather:	Clear, 69°F, SSE wind at 15-20 mph, 29.6" Hg
Date:	3/18/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Comments: Reddish-orange turbidity at purge start.

Site Name: Cedar Rapids Linn County Solid Waste Agency Site 2 | Permit No.: 57-SDP-01-72P

Well/Piezometer: MW-304R | Weather: Clear, 63°F, ESE wind at 10-15 mph, 30.0" Hg

Date: 3/18/2025 | Personnel: O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 9.5 | Casing Diameter (in): 2 | Ground surface elevation (ft. MSL): 831.59

Top of screen (ft. MSL): 814.59 | Materials: PVC | Top of Casing elevation (ft. MSL): 834.09

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	24.51	24.44	25.52
Water elevation (ft. MSL):	809.58	809.65	808.57

3 Well Volumes (gal): 2.48 | Screen submerged? (Y/N): No

	Constructed	Measured	Difference
Well Depth (ft. TOC):	29.59	29.59	0.00

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:) 808.09 | Flow Rate (mL/min): 150 | 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-304R_25_04	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	11:44	11:46	11:48
Temp (°C)	14.49	14.41	14.53
Sp. Cond (umhos/cm)	1623.9	1624.6	1626.8
pH	6.74	6.74	6.73
DO (mg/l)	0.16	0.13	0.13
ORP (mV)	-12.2	-10.5	-8.3
Turbidity (NTU)	15.2	15.7	16.3

Site Name:	Cedar Rapids Linn County Solid Waste Agency Site 2	Permit No.:	57-SDP-01-72P
Well/Piezometer:	MW-304R	Weather:	Clear, 63°F, ESE wind at 10-15 mph, 30.0" Hg
Date:	3/18/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Comments: Slight reddish-orange turbidity at purge start.

Site Name: Cedar Rapids Linn County Solid Waste Agency Site 2 | Permit No.: 57-SDP-01-72P

Well/Piezometer: MW-305 | Weather: Clear, 49°F, ESE wind at 5-10 mph, 29.71" Hg

Date: 3/18/2025 | 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): 823.77

Top of screen (ft. MSL): 809.77 | Materials: PVC | Top of Casing elevation (ft. MSL): 826.76

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	14.02	13.85	13.99
Water elevation (ft. MSL):	812.74	812.91	812.77

3 Well Volumes (gal): 8.79 | Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC):	31.99	31.99	0.00

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:) 799.76 | Flow Rate (mL/min): 125 | 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-305_25_04	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	10:25	10:27	10:29
Temp (°C)	13.21	13.05	13.50
Sp. Cond (umhos/cm)	1171.7	1172.7	1176.7
pH	6.89	6.89	6.87
DO (mg/l)	0.00	0.00	0.08
ORP (mV)	225.4	225.4	224.9
Turbidity (NTU)	50.64	53.65	52.93

Site Name:	Cedar Rapids Linn County Solid Waste Agency Site 2	Permit No.:	57-SDP-01-72P
Well/Piezometer:	MW-305	Weather:	Clear, 49°F, ESE wind at 5-10 mph, 29.71" Hg
Date:	3/18/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Comments: Reddish-orange turbidity at purge start.
Collected field duplicate (FD-1_25_04) at MW-305.

Site Name: Cedar Rapids Linn County Solid Waste Agency Site 2 | Permit No.: 57-SDP-01-72P

Well/Piezometer: MW-306 | Weather: Clear, 32°F, NW wind at 15-25 mph, 30.07" Hg

Date: 3/20/2025 | 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): 817.99

Top of screen (ft. MSL): 812.49 | Materials: PVC | Top of Casing elevation (ft. MSL): 821.40

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	9.61	9.54	9.99
Water elevation (ft. MSL):	811.79	811.86	811.41

3 Well Volumes (gal): 6.50 | Screen submerged? (Y/N): No

	Constructed	Measured	Difference
Well Depth (ft. TOC):	22.91	22.91	0.00

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:) 804.40 | Flow Rate (mL/min): 150 | Volume removed (gal): 2.2 | 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-306_25_04	USEPA 8260D - Benzene	(3) VOA Vial 40 mL - HCl	No
		(3) VOA Vial 40 mL - Unpreserved	No
	USEPA 6020B -Cobalt	(1) Plastic 250 mL - HNO_3	No
	USGS I-3765-85 - TSS	(1) Plastic 1 Liter - Unpreserved	No

Field Analysis

			Final Reading
Time	10:38	10:40	10:42
Temp (°C)	7.17	6.84	7.00
Sp. Cond (umhos/cm)	1859.4	1825.7	1814.0
pH	7.20	7.20	7.20
DO (mg/l)	0.00	0.00	0.00
ORP (mV)	-42.5	-42.7	-42.6
Turbidity (NTU)	28.3	27.5	28.0

Site Name:	Cedar Rapids Linn County Solid Waste Agency Site 2	Permit No.:	57-SDP-01-72P
Well/Piezometer:	MW-306	Weather:	Clear, 32°F, NW wind at 15-25 mph, 30.07" Hg
Date:	3/20/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Comments: Slight effervescence in sample.
Collected field blank (FB-2_25_04) at 10:35.

Site Name: Cedar Rapids Linn County Solid Waste Agency Site 2 | Permit No.: 57-SDP-01-72P

Well/Piezometer: MW-307A | Weather: Clear, 32°F, NNW wind at 15-20 mph, 30.1" Hg

Date: 3/20/2025 | 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): 817.78

Top of screen (ft. MSL): 811.78 | Materials: PVC | Top of Casing elevation (ft. MSL): 822.41

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	9.17	9.14	9.37
Water elevation (ft. MSL):	813.24	813.27	813.04

3 Well Volumes (gal): 5.60 | Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC):	20.63	20.63	0.00

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:) 807.41 | Flow Rate (mL/min): 150 | Volume removed (gal): 0.8 | 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-307A_25_04	USEPA 8260D - Benzene	(3) VOA Vial 40 mL - HCl	No
		(3) VOA Vial 40 mL - Unpreserved	No
	USEPA 6020B -Cobalt	(1) Plastic 250 mL - HNO_3	No
	USGS I-3765-85 - TSS	(1) Plastic 1 Liter - Unpreserved	No

Field Analysis

			Final Reading
Time	9:59	10:01	10:03
Temp (°C)	5.08	5.11	5.22
Sp. Cond (umhos/cm)	2003.0	2005.5	1997.3
pH	5.95	5.95	5.95
DO (mg/l)	1.67	1.67	1.55
ORP (mV)	258.2	257.3	251.6
Turbidity (NTU)	19.6	20.7	19.1

Site Name:	Cedar Rapids Linn County Solid Waste Agency Site 2	Permit No.:	57-SDP-01-72P
Well/Piezometer:	MW-307A	Weather:	Clear, 32°F, NNW wind at 15-20 mph, 30.1" Hg
Date:	3/20/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Comments:

Site Name: Cedar Rapids Linn County Solid Waste Agency Site 2 | Permit No.: 57-SDP-01-72P

Well/Piezometer: MW-307B | Weather: Clear, 54°F, S wind at 30-50 mph, 29.9" Hg

Date: 3/17/2025 | Personnel: O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 8.25 | Casing Diameter (in): 2 | Ground surface elevation (ft. MSL): 817.55

Top of screen (ft. MSL): 798.05 | Materials: PVC | Top of Casing elevation (ft. MSL): 822.38

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	8.71	N/A	N/A
Water elevation (ft. MSL):	813.67	N/A	N/A

3 Well Volumes (gal): 10.08 | Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC):	29.33	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

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: Water level monitoring location only.

Site Name: Cedar Rapids Linn County Solid Waste Agency Site 2 | Permit No.: 57-SDP-01-72P

Well/Piezometer: MW-308 | Weather: Clear, 54°F, S wind at 30-50 mph, 29.9" Hg

Date: 3/17/2025 | Personnel: O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 8.25 | Casing Diameter (in): 2 | Ground surface elevation (ft. MSL): 816.99

Top of screen (ft. MSL): 806.99 | Materials: PVC | Top of Casing elevation (ft. MSL): 819.48

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	7.56	N/A	N/A
Water elevation (ft. MSL):	811.92	N/A	N/A

3 Well Volumes (gal): 9.75 | Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC):	27.49	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

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: Water level monitoring location only.

Site Name: Cedar Rapids Linn County Solid Waste Agency Site 2 | Permit No.: 57-SDP-01-72P

Well/Piezometer: MW-501 | Weather: Partly Cloudy, 58°F, W wind at 10-15 mph, 30.18" Hg

Date: 3/26/2025 | Personnel: O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 8.25 | Casing Diameter (in): 2 | Ground surface elevation (ft. MSL): 827.95

Top of screen (ft. MSL): 818.95 | Materials: PVC | Top of Casing elevation (ft. MSL): 830.87

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	15.30	15.42	16.16
Water elevation (ft. MSL):	815.57	815.45	814.71

3 Well Volumes (gal): 10.08 | Screen submerged? (Y/N): No

	Constructed	Measured	Difference
Well Depth (ft. TOC):	35.92	35.92	0.00

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:) 799.87 | Flow Rate (mL/min): 150 | Volume removed (gal): 1.1 | Volume sampled (L): 1.49

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-501_25_04	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	16:48	16:50	16:52
Temp (°C)	11.86	11.89	12.00
Sp. Cond (umhos/cm)	1243.6	1246.8	1246.2
pH	5.53	5.52	5.51
DO (mg/l)	0.79	0.77	0.74
ORP (mV)	121.0	120.4	119.6
Turbidity (NTU)	41.7	40.5	38.4

Site Name:	Cedar Rapids Linn County Solid Waste Agency Site 2	Permit No.:	57-SDP-01-72P
Well/Piezometer:	MW-501	Weather:	Partly Cloudy, 58°F, W wind at 10-15 mph, 30.18" Hg
Date:	3/26/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Comments: Slight color and suspended solids in sample.
Collected field duplicate (FD-4_25_04) at MW-501.

Site Name: Cedar Rapids Linn County Solid Waste Agency Site 2 | Permit No.: 57-SDP-01-72P

Well/Piezometer: MW-502 | Weather: Partly Cloudy, 58°F, W wind at 10-15 mph, 30.18" Hg

Date: 3/26/2025 | Personnel: O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 8.25 | Casing Diameter (in): 2 | Ground surface elevation (ft. MSL): 839.07

Top of screen (ft. MSL): 817.07 | Materials: PVC | Top of Casing elevation (ft. MSL): 842.85

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	32.08	32.12	33.21
Water elevation (ft. MSL):	810.77	810.73	N/A

3 Well Volumes (gal): 1.81 | Screen submerged? (Y/N): No

	Constructed	Measured	Difference
Well Depth (ft. TOC):	35.78	36.10	0.32

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 | ___ Peristaltic pump | x Bladder pump

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

___ Other (specify): ___

Equipment name/description: QED Bladder | Dedicated? (Y/N): No | Disposable? (Y/N): No

Decontamination method: Disposable tubing/bladder; Alconox/DI rinse on pump

Equipment depth (ft. MSL:) 807.85 | Flow Rate (mL/min): 100 | Volume removed (gal): 1.1 | 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-502_25_04	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	17:40	17:43	17:47
Temp (°C)	13.13	12.77	12.71
Sp. Cond (umhos/cm)	851.96	835.91	832.78
pH	6.02	6.05	6.04
DO (mg/l)	4.50	4.39	4.19
ORP (mV)	121.8	119.7	120.1
Turbidity (NTU)	1.30	1.91	0.56

Site Name:	Cedar Rapids Linn County Solid Waste Agency Site 2	Permit No.:	57-SDP-01-72P
Well/Piezometer:	MW-502	Weather:	Partly Cloudy, 58°F, W wind at 10-15 mph, 30.18" Hg
Date:	3/26/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

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 4/1/2025 10:49:49 AM

JOB DESCRIPTION

CRLCSWA Site 2 GW - Spring 2025
24C034.00

JOB NUMBER

310-302305-1

Eurofins Cedar Falls
3019 Venture Way
Cedar Falls IA 50613

See page two for job notes and contact information.

Job Notes

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Authorization

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Authorized for release by
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Table of Contents

Job ID: 310-302305-1 Eurofins Cedar Falls

Job Narrative
310-302305-1

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 3/19/2025 3:30 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 5 coolers at receipt time were 0.1°C, 1.0°C, 1.6°C, 1.7°C and 2.1°C.

GC/MS 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
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
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-302305-1
SDG: 24C034.00

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
310-302305-1	MW-9AR_25_04	Water	03/17/25 11:45	03/19/25 15:30
310-302305-2	MW-15_25_04	Water	03/18/25 17:00	03/19/25 15:30
310-302305-3	MW-18_25_04	Water	03/18/25 17:40	03/19/25 15:30
310-302305-4	MW-19_25_04	Water	03/18/25 18:40	03/19/25 15:30
310-302305-5	MW-24_25_04	Water	03/18/25 14:20	03/19/25 15:30
310-302305-6	MW-26A_25_04	Water	03/18/25 15:57	03/19/25 15:30
310-302305-7	MW-29_25_04	Water	03/18/25 09:40	03/19/25 15:30
310-302305-8	MW-30_25_04	Water	03/17/25 13:00	03/19/25 15:30
310-302305-9	MW-300_25_04	Water	03/18/25 18:35	03/19/25 15:30
310-302305-10	MW-301_25_04	Water	03/18/25 17:50	03/19/25 15:30
310-302305-11	MW-302R_25_04	Water	03/18/25 15:40	03/19/25 15:30
310-302305-12	MW-303_25_04	Water	03/18/25 14:40	03/19/25 15:30
310-302305-13	MW-304R_25_04	Water	03/18/25 11:50	03/19/25 15:30
310-302305-14	MW-305_25_04	Water	03/18/25 10:30	03/19/25 15:30
310-302305-15	FD-1_25_04	Water	03/18/25 00:00	03/19/25 15:30
310-302305-16	FD-2_25_04	Water	03/18/25 00:00	03/19/25 15:30
310-302305-17	FB-1_25_04	Water	03/18/25 16:45	03/19/25 15:30
310-302305-18	TB-1_25_04	Water	03/18/25 00:00	03/19/25 15:30
310-302305-19	MW-204A_25_04	Water	03/17/25 18:05	03/19/25 15:30
310-302305-20	MW-204B_25_04	Water	03/17/25 17:45	03/19/25 15:30
310-302305-21	MW-213A_25_04	Water	03/17/25 15:45	03/19/25 15:30
310-302305-22	MW-213B_25_04	Water	03/17/25 16:45	03/19/25 15:30
310-302305-23	MW-214_25_04	Water	03/17/25 14:05	03/19/25 15:30
310-302305-24	MW-215_25_04	Water	03/17/25 14:05	03/19/25 15:30
310-302305-25	MW-218_25_04	Water	03/18/25 09:20	03/19/25 15:30

Detection Summary

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-302305-1
SDG: 24C034.00

Client Sample ID: MW-9AR_25_04 — Lab Sample ID: 310-302305-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.00150	J	0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.405		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.000667		0.000500	0.000170	mg/L	1		6020B	Total/NA
Total Suspended Solids	19.5		1.88	1.31	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-15_25_04 — Lab Sample ID: 310-302305-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	0.00135	J	0.00200	0.00100	mg/L	1		6020B	Total/NA
Arsenic	0.000833	J	0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.0716		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.00154		0.000500	0.000170	mg/L	1		6020B	Total/NA
Copper	0.00243	J	0.00500	0.00180	mg/L	1		6020B	Total/NA
Nickel	0.00677		0.00500	0.00210	mg/L	1		6020B	Total/NA
Selenium	0.00143	J	0.00500	0.00140	mg/L	1		6020B	Total/NA
Thallium	0.000824	J	0.00100	0.000570	mg/L	1		6020B	Total/NA
Vanadium	0.00119	J	0.00500	0.00110	mg/L	1		6020B	Total/NA

Client Sample ID: MW-18_25_04 — Lab Sample ID: 310-302305-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.000894	J	0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.0572		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cadmium	0.000150	J	0.000200	0.000100	mg/L	1		6020B	Total/NA
Cobalt	0.00506		0.000500	0.000170	mg/L	1		6020B	Total/NA
Nickel	0.0172		0.00500	0.00210	mg/L	1		6020B	Total/NA
Zinc	0.00998	J	0.0200	0.00970	mg/L	1		6020B	Total/NA
Total Suspended Solids	3.13		1.88	1.31	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-19_25_04 — Lab Sample ID: 310-302305-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dichlorobenzene	0.729	J	1.00	0.230	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	0.404	J	1.00	0.210	ug/L	1		8260D	Total/NA
Arsenic	0.000847	J	0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.0324		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.0110		0.000500	0.000170	mg/L	1		6020B	Total/NA
Nickel	0.0175		0.00500	0.00210	mg/L	1		6020B	Total/NA
Total Suspended Solids	3.25		1.88	1.31	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-24_25_04 — Lab Sample ID: 310-302305-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.000581	J	0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.0408		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.000217	J	0.000500	0.000170	mg/L	1		6020B	Total/NA
Copper	0.00308	J	0.00500	0.00180	mg/L	1		6020B	Total/NA
Nickel	0.00634		0.00500	0.00210	mg/L	1		6020B	Total/NA

Client Sample ID: MW-26A_25_04 — Lab Sample ID: 310-302305-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	4.49	J	10.0	3.10	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-26A_25_04 (Continued) — Lab Sample ID: 310-302305-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.510		0.500	0.220	ug/L	1		8260D	Total/NA
Antimony	0.00129	J	0.00200	0.00100	mg/L	1		6020B	Total/NA
Arsenic	0.0154		0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.641		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.0612		0.000500	0.000170	mg/L	1		6020B	Total/NA
Lead	0.000670		0.000500	0.000260	mg/L	1		6020B	Total/NA
Nickel	0.0364		0.00500	0.00210	mg/L	1		6020B	Total/NA
Total Suspended Solids	103		5.00	3.50	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-29_25_04 — Lab Sample ID: 310-302305-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	0.000724		0.000500	0.000170	mg/L	1		6020B	Total/NA
Total Suspended Solids	5.00		1.88	1.31	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-30_25_04 — Lab Sample ID: 310-302305-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	0.00274		0.000500	0.000170	mg/L	1		6020B	Total/NA
Total Suspended Solids	17.6		1.88	1.31	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-300_25_04 — Lab Sample ID: 310-302305-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.0657		0.00200	0.000660	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-301_25_04 — Lab Sample ID: 310-302305-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene	0.459	J	1.00	0.400	ug/L	1		8260D	Total/NA
Arsenic	0.00508		0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.0610		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.00494		0.000500	0.000170	mg/L	1		6020B	Total/NA
Nickel	0.00825		0.00500	0.00210	mg/L	1		6020B	Total/NA
Total Suspended Solids	19.4		1.88	1.31	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-302R_25_04 — Lab Sample ID: 310-302305-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.000732	J	0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.113		0.00200	0.000660	mg/L	1		6020B	Total/NA
Total Suspended Solids	3.25		1.88	1.31	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-303_25_04 — Lab Sample ID: 310-302305-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.000932	J	0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.0216		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cadmium	0.00167		0.000200	0.000100	mg/L	1		6020B	Total/NA
Cobalt	0.00366		0.000500	0.000170	mg/L	1		6020B	Total/NA
Copper	0.00336	J	0.00500	0.00180	mg/L	1		6020B	Total/NA
Nickel	0.0669		0.00500	0.00210	mg/L	1		6020B	Total/NA
Zinc	0.0141	J	0.0200	0.00970	mg/L	1		6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-303_25_04 (Continued) — Lab Sample ID: 310-302305-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Suspended Solids	4.25		1.88	1.31	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-304R_25_04 — Lab Sample ID: 310-302305-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.000573	J	0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.0357		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.00885		0.000500	0.000170	mg/L	1		6020B	Total/NA
Nickel	0.00505		0.00500	0.00210	mg/L	1		6020B	Total/NA
Total Suspended Solids	25.8		1.88	1.31	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-305_25_04 — Lab Sample ID: 310-302305-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.0360		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.00161		0.000500	0.000170	mg/L	1		6020B	Total/NA
Nickel	0.00257	J	0.00500	0.00210	mg/L	1		6020B	Total/NA
Total Suspended Solids	7.38		1.88	1.31	mg/L	1		I-3765-85	Total/NA

Client Sample ID: FD-1_25_04 — Lab Sample ID: 310-302305-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.0349		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.00147		0.000500	0.000170	mg/L	1		6020B	Total/NA
Nickel	0.00241	J	0.00500	0.00210	mg/L	1		6020B	Total/NA
Total Suspended Solids	9.00		5.00	3.50	mg/L	1		I-3765-85	Total/NA

Client Sample ID: FD-2_25_04 — Lab Sample ID: 310-302305-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.000789	J	0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.119		0.00200	0.000660	mg/L	1		6020B	Total/NA
Vanadium	0.00113	J	0.00500	0.00110	mg/L	1		6020B	Total/NA

Client Sample ID: FB-1_25_04 — Lab Sample ID: 310-302305-17

No Detections.

Client Sample ID: TB-1_25_04 — Lab Sample ID: 310-302305-18

No Detections.

Client Sample ID: MW-204A_25_04 — Lab Sample ID: 310-302305-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.0340		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cadmium	0.000119	J	0.000200	0.000100	mg/L	1		6020B	Total/NA
Cobalt	0.000812		0.000500	0.000170	mg/L	1		6020B	Total/NA
Nickel	0.00365	J	0.00500	0.00210	mg/L	1		6020B	Total/NA
Selenium	0.00910		0.00500	0.00140	mg/L	1		6020B	Total/NA
Vanadium	0.00472	J	0.00500	0.00110	mg/L	1		6020B	Total/NA
Total Suspended Solids	4.50		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: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-302305-1
SDG: 24C034.00

Client Sample ID: MW-204B_25_04 — Lab Sample ID: 310-302305-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.000988	J	0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.0226		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.0130		0.000500	0.000170	mg/L	1		6020B	Total/NA
Nickel	0.00695		0.00500	0.00210	mg/L	1		6020B	Total/NA
Total Suspended Solids	17.9		1.88	1.31	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-213A_25_04 — Lab Sample ID: 310-302305-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.0712		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.00956		0.000500	0.000170	mg/L	1		6020B	Total/NA
Nickel	0.00496	J	0.00500	0.00210	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-213B_25_04 — Lab Sample ID: 310-302305-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	0.00115	J	0.00200	0.00100	mg/L	1		6020B	Total/NA
Arsenic	0.000951	J	0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.0969		0.00200	0.000660	mg/L	1		6020B	Total/NA
Lead	0.000536		0.000500	0.000260	mg/L	1		6020B	Total/NA
Thallium	0.000801	J	0.00100	0.000570	mg/L	1		6020B	Total/NA
Total Suspended Solids	5.25		1.88	1.31	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-214_25_04 — Lab Sample ID: 310-302305-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.0579		0.00200	0.000660	mg/L	1		6020B	Total/NA
Selenium	0.00409	J	0.00500	0.00140	mg/L	1		6020B	Total/NA

Client Sample ID: MW-215_25_04 — Lab Sample ID: 310-302305-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.131		0.00200	0.000660	mg/L	1		6020B	Total/NA

Client Sample ID: MW-218_25_04 — Lab Sample ID: 310-302305-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.000548	J	0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.187		0.00200	0.000660	mg/L	1		6020B	Total/NA
Selenium	0.00651		0.00500	0.00140	mg/L	1		6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-302305-1
SDG: 24C034.00

Client Sample ID: MW-9AR_25_04
Date Collected: 03/17/25 11:45
Date Received: 03/19/25 15:30

Lab Sample ID: 310-302305-1
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			03/20/25 17:50	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			03/20/25 17:50	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			03/20/25 17:50	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			03/20/25 17:50	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			03/20/25 17:50	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			03/20/25 17:50	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			03/20/25 17:50	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			03/20/25 17:50	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			03/20/25 17:50	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			03/20/25 17:50	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			03/20/25 17:50	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			03/20/25 17:50	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			03/20/25 17:50	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			03/20/25 17:50	1
2-Hexanone	<2.00		10.0	2.00	ug/L			03/20/25 17:50	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			03/20/25 17:50	1
Acetone	<3.10		10.0	3.10	ug/L			03/20/25 17:50	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			03/20/25 17:50	1
Benzene	<0.220		0.500	0.220	ug/L			03/20/25 17:50	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			03/20/25 17:50	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			03/20/25 17:50	1
Bromoform	<0.780		5.00	0.780	ug/L			03/20/25 17:50	1
Bromomethane	<1.10		4.00	1.10	ug/L			03/20/25 17:50	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			03/20/25 17:50	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			03/20/25 17:50	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			03/20/25 17:50	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			03/20/25 17:50	1
Chloroethane	<0.790		4.00	0.790	ug/L			03/20/25 17:50	1
Chloroform	<1.30		3.00	1.30	ug/L			03/20/25 17:50	1
Chloromethane	<0.610		3.00	0.610	ug/L			03/20/25 17:50	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			03/20/25 17:50	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			03/20/25 17:50	1
Dibromomethane	<0.330		1.00	0.330	ug/L			03/20/25 17:50	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			03/20/25 17:50	1
Iodomethane	<7.00		10.0	7.00	ug/L			03/20/25 17:50	1
Methylene chloride	<1.70		5.00	1.70	ug/L			03/20/25 17:50	1
Styrene	<0.370		1.00	0.370	ug/L			03/20/25 17:50	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			03/20/25 17:50	1
Toluene	<0.430		1.00	0.430	ug/L			03/20/25 17:50	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			03/20/25 17:50	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			03/20/25 17:50	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			03/20/25 17:50	1
Trichloroethene	<0.430		1.00	0.430	ug/L			03/20/25 17:50	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			03/20/25 17:50	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			03/20/25 17:50	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			03/20/25 17:50	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			03/20/25 17:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*101*		*73 - 130*		*03/20/25 17:50*	*1*

Client Sample ID: MW-9AR_25_04

Date Collected: 03/17/25 11:45
Date Received: 03/19/25 15:30

Lab Sample ID: 310-302305-1

Matrix: Water

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*96*		*80 - 120*		*03/20/25 17:50*	*1*
4-Bromofluorobenzene (Surr)	*104*		*80 - 120*		*03/20/25 17:50*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
beta-BHC	<0.0399		0.0951	0.0399	ug/L		03/21/25 13:00	03/21/25 18:09	1
Heptachlor	<0.0219		0.0951	0.0219	ug/L		03/21/25 13:00	03/21/25 18:09	1
gamma-BHC (Lindane)	<0.00951		0.0951	0.00951	ug/L		03/21/25 13:00	03/21/25 18:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*106*		*10 - 136*	*03/21/25 13:00*	*03/21/25 18:09*	*1*
Tetrachloro-m-xylene	*86*		*10 - 130*	*03/21/25 13:00*	*03/21/25 18:09*	*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		03/24/25 08:30	03/26/25 14:58	1
Arsenic	**0.00150**	**J**	0.00200	0.000530	mg/L		03/24/25 08:30	03/26/25 14:58	1
Barium	**0.405**		0.00200	0.000660	mg/L		03/24/25 08:30	03/26/25 14:58	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		03/24/25 08:30	03/26/25 14:58	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		03/24/25 08:30	03/26/25 14:58	1
Chromium	<0.00120		0.00500	0.00120	mg/L		03/24/25 08:30	03/26/25 14:58	1
Cobalt	**0.000667**		0.000500	0.000170	mg/L		03/24/25 08:30	03/26/25 14:58	1
Copper	<0.00180		0.00500	0.00180	mg/L		03/24/25 08:30	03/26/25 14:58	1
Lead	<0.000260		0.000500	0.000260	mg/L		03/24/25 08:30	03/26/25 14:58	1
Nickel	<0.00210		0.00500	0.00210	mg/L		03/24/25 08:30	03/26/25 14:58	1
Selenium	<0.00140		0.00500	0.00140	mg/L		03/24/25 08:30	03/26/25 14:58	1
Silver	<0.000500		0.00100	0.000500	mg/L		03/24/25 08:30	03/26/25 14:58	1
Thallium	<0.000570	F1	0.00100	0.000570	mg/L		03/24/25 08:30	03/26/25 14:58	1
Vanadium	<0.00110		0.00500	0.00110	mg/L		03/24/25 08:30	03/26/25 14:58	1
Zinc	<0.00970		0.0200	0.00970	mg/L		03/24/25 08:30	03/26/25 14:58	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		03/23/25 18:10	03/24/25 01:52	1
Total Suspended Solids (USGS I-3765-85)	**19.5**		1.88	1.31	mg/L			03/20/25 17:05	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-302305-1
SDG: 24C034.00

Client Sample ID: MW-15_25_04
Date Collected: 03/18/25 17:00
Date Received: 03/19/25 15:30

Lab Sample ID: 310-302305-2
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			03/20/25 18:13	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			03/20/25 18:13	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			03/20/25 18:13	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			03/20/25 18:13	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			03/20/25 18:13	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			03/20/25 18:13	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			03/20/25 18:13	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			03/20/25 18:13	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			03/20/25 18:13	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			03/20/25 18:13	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			03/20/25 18:13	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			03/20/25 18:13	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			03/20/25 18:13	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			03/20/25 18:13	1
2-Hexanone	<2.00		10.0	2.00	ug/L			03/20/25 18:13	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			03/20/25 18:13	1
Acetone	<3.10		10.0	3.10	ug/L			03/20/25 18:13	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			03/20/25 18:13	1
Benzene	<0.220		0.500	0.220	ug/L			03/20/25 18:13	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			03/20/25 18:13	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			03/20/25 18:13	1
Bromoform	<0.780		5.00	0.780	ug/L			03/20/25 18:13	1
Bromomethane	<1.10		4.00	1.10	ug/L			03/20/25 18:13	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			03/20/25 18:13	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			03/20/25 18:13	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			03/20/25 18:13	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			03/20/25 18:13	1
Chloroethane	<0.790		4.00	0.790	ug/L			03/20/25 18:13	1
Chloroform	<1.30		3.00	1.30	ug/L			03/20/25 18:13	1
Chloromethane	<0.610		3.00	0.610	ug/L			03/20/25 18:13	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			03/20/25 18:13	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			03/20/25 18:13	1
Dibromomethane	<0.330		1.00	0.330	ug/L			03/20/25 18:13	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			03/20/25 18:13	1
Iodomethane	<7.00		10.0	7.00	ug/L			03/20/25 18:13	1
Methylene chloride	<1.70		5.00	1.70	ug/L			03/20/25 18:13	1
Styrene	<0.370		1.00	0.370	ug/L			03/20/25 18:13	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			03/20/25 18:13	1
Toluene	<0.430		1.00	0.430	ug/L			03/20/25 18:13	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			03/20/25 18:13	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			03/20/25 18:13	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			03/20/25 18:13	1
Trichloroethene	<0.430		1.00	0.430	ug/L			03/20/25 18:13	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			03/20/25 18:13	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			03/20/25 18:13	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			03/20/25 18:13	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			03/20/25 18:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*104*		*73 - 130*		*03/20/25 18:13*	*1*

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-302305-1
SDG: 24C034.00

Client Sample ID: MW-15_25_04
Date Collected: 03/18/25 17:00
Date Received: 03/19/25 15:30

Lab Sample ID: 310-302305-2
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*		*03/20/25 18:13*	*1*
4-Bromofluorobenzene (Surr)	*105*		*80 - 120*		*03/20/25 18:13*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.00135**	**J**	0.00200	0.00100	mg/L		03/24/25 08:30	03/26/25 15:08	1
Arsenic	**0.000833**	**J**	0.00200	0.000530	mg/L		03/24/25 08:30	03/26/25 15:08	1
Barium	**0.0716**		0.00200	0.000660	mg/L		03/24/25 08:30	03/26/25 15:08	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		03/24/25 08:30	03/26/25 15:08	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		03/24/25 08:30	03/26/25 15:08	1
Chromium	<0.00120		0.00500	0.00120	mg/L		03/24/25 08:30	03/26/25 15:08	1
Cobalt	**0.00154**		0.000500	0.000170	mg/L		03/24/25 08:30	03/26/25 15:08	1
Copper	**0.00243**	**J**	0.00500	0.00180	mg/L		03/24/25 08:30	03/26/25 15:08	1
Lead	<0.000260		0.000500	0.000260	mg/L		03/24/25 08:30	03/26/25 15:08	1
Nickel	**0.00677**		0.00500	0.00210	mg/L		03/24/25 08:30	03/26/25 15:08	1
Selenium	**0.00143**	**J**	0.00500	0.00140	mg/L		03/24/25 08:30	03/26/25 15:08	1
Silver	<0.000500		0.00100	0.000500	mg/L		03/24/25 08:30	03/26/25 15:08	1
Thallium	**0.000824**	**J**	0.00100	0.000570	mg/L		03/24/25 08:30	03/26/25 15:08	1
Vanadium	**0.00119**	**J**	0.00500	0.00110	mg/L		03/24/25 08:30	03/26/25 15:08	1
Zinc	<0.00970		0.0200	0.00970	mg/L		03/24/25 08:30	03/26/25 15:08	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			03/20/25 16:11	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-302305-1
SDG: 24C034.00

Client Sample ID: MW-18_25_04
Date Collected: 03/18/25 17:40
Date Received: 03/19/25 15:30

Lab Sample ID: 310-302305-3
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			03/20/25 18:35	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			03/20/25 18:35	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			03/20/25 18:35	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			03/20/25 18:35	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			03/20/25 18:35	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			03/20/25 18:35	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			03/20/25 18:35	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			03/20/25 18:35	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			03/20/25 18:35	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			03/20/25 18:35	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			03/20/25 18:35	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			03/20/25 18:35	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			03/20/25 18:35	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			03/20/25 18:35	1
2-Hexanone	<2.00		10.0	2.00	ug/L			03/20/25 18:35	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			03/20/25 18:35	1
Acetone	<3.10		10.0	3.10	ug/L			03/20/25 18:35	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			03/20/25 18:35	1
Benzene	<0.220		0.500	0.220	ug/L			03/20/25 18:35	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			03/20/25 18:35	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			03/20/25 18:35	1
Bromoform	<0.780		5.00	0.780	ug/L			03/20/25 18:35	1
Bromomethane	<1.10		4.00	1.10	ug/L			03/20/25 18:35	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			03/20/25 18:35	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			03/20/25 18:35	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			03/20/25 18:35	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			03/20/25 18:35	1
Chloroethane	<0.790		4.00	0.790	ug/L			03/20/25 18:35	1
Chloroform	<1.30		3.00	1.30	ug/L			03/20/25 18:35	1
Chloromethane	<0.610		3.00	0.610	ug/L			03/20/25 18:35	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			03/20/25 18:35	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			03/20/25 18:35	1
Dibromomethane	<0.330		1.00	0.330	ug/L			03/20/25 18:35	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			03/20/25 18:35	1
Iodomethane	<7.00		10.0	7.00	ug/L			03/20/25 18:35	1
Methylene chloride	<1.70		5.00	1.70	ug/L			03/20/25 18:35	1
Styrene	<0.370		1.00	0.370	ug/L			03/20/25 18:35	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			03/20/25 18:35	1
Toluene	<0.430		1.00	0.430	ug/L			03/20/25 18:35	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			03/20/25 18:35	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			03/20/25 18:35	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			03/20/25 18:35	1
Trichloroethene	<0.430		1.00	0.430	ug/L			03/20/25 18:35	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			03/20/25 18:35	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			03/20/25 18:35	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			03/20/25 18:35	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			03/20/25 18:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*103*		*73 - 130*		*03/20/25 18:35*	*1*

Client Sample ID: MW-18_25_04
Date Collected: 03/18/25 17:40
Date Received: 03/19/25 15:30

Lab Sample ID: 310-302305-3
Matrix: Water

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*95*		*80 - 120*		*03/20/25 18:35*	*1*
4-Bromofluorobenzene (Surr)	*105*		*80 - 120*		*03/20/25 18:35*	*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		03/24/25 08:30	03/26/25 15:10	1
Arsenic	**0.000894**	**J**	0.00200	0.000530	mg/L		03/24/25 08:30	03/26/25 15:10	1
Barium	**0.0572**		0.00200	0.000660	mg/L		03/24/25 08:30	03/26/25 15:10	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		03/24/25 08:30	03/26/25 15:10	1
Cadmium	**0.000150**	**J**	0.000200	0.000100	mg/L		03/24/25 08:30	03/26/25 15:10	1
Chromium	<0.00120		0.00500	0.00120	mg/L		03/24/25 08:30	03/26/25 15:10	1
Cobalt	**0.00506**		0.000500	0.000170	mg/L		03/24/25 08:30	03/26/25 15:10	1
Copper	<0.00180		0.00500	0.00180	mg/L		03/24/25 08:30	03/26/25 15:10	1
Lead	<0.000260		0.000500	0.000260	mg/L		03/24/25 08:30	03/26/25 15:10	1
Nickel	**0.0172**		0.00500	0.00210	mg/L		03/24/25 08:30	03/26/25 15:10	1
Selenium	<0.00140		0.00500	0.00140	mg/L		03/24/25 08:30	03/26/25 15:10	1
Silver	<0.000500		0.00100	0.000500	mg/L		03/24/25 08:30	03/26/25 15:10	1
Thallium	<0.000570		0.00100	0.000570	mg/L		03/24/25 08:30	03/26/25 15:10	1
Vanadium	<0.00110		0.00500	0.00110	mg/L		03/24/25 08:30	03/26/25 15:10	1
Zinc	**0.00998**	**J**	0.0200	0.00970	mg/L		03/24/25 08:30	03/26/25 15:10	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**3.13**		1.88	1.31	mg/L			03/20/25 16:11	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-302305-1
SDG: 24C034.00

Client Sample ID: MW-19_25_04
Date Collected: 03/18/25 18:40
Date Received: 03/19/25 15:30

Lab Sample ID: 310-302305-4
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			03/21/25 10:34	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			03/21/25 10:34	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			03/21/25 10:34	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			03/21/25 10:34	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			03/21/25 10:34	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			03/21/25 10:34	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			03/21/25 10:34	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			03/21/25 10:34	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			03/21/25 10:34	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			03/21/25 10:34	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			03/21/25 10:34	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			03/21/25 10:34	1
1,4-Dichlorobenzene	**0.729**	**J**	1.00	0.230	ug/L			03/21/25 10:34	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			03/21/25 10:34	1
2-Hexanone	<2.00		10.0	2.00	ug/L			03/21/25 10:34	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			03/21/25 10:34	1
Acetone	<3.10		10.0	3.10	ug/L			03/21/25 10:34	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			03/21/25 10:34	1
Benzene	<0.220		0.500	0.220	ug/L			03/21/25 10:34	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			03/21/25 10:34	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			03/21/25 10:34	1
Bromoform	<0.780		5.00	0.780	ug/L			03/21/25 10:34	1
Bromomethane	<1.10		4.00	1.10	ug/L			03/21/25 10:34	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			03/21/25 10:34	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			03/21/25 10:34	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			03/21/25 10:34	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			03/21/25 10:34	1
Chloroethane	<0.790		4.00	0.790	ug/L			03/21/25 10:34	1
Chloroform	<1.30		3.00	1.30	ug/L			03/21/25 10:34	1
Chloromethane	<0.610		3.00	0.610	ug/L			03/21/25 10:34	1
cis-1,2-Dichloroethene	**0.404**	**J**	1.00	0.210	ug/L			03/21/25 10:34	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			03/21/25 10:34	1
Dibromomethane	<0.330		1.00	0.330	ug/L			03/21/25 10:34	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			03/21/25 10:34	1
Iodomethane	<7.00		10.0	7.00	ug/L			03/21/25 10:34	1
Methylene chloride	<1.70		5.00	1.70	ug/L			03/21/25 10:34	1
Styrene	<0.370		1.00	0.370	ug/L			03/21/25 10:34	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			03/21/25 10:34	1
Toluene	<0.430		1.00	0.430	ug/L			03/21/25 10:34	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			03/21/25 10:34	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			03/21/25 10:34	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			03/21/25 10:34	1
Trichloroethene	<0.430		1.00	0.430	ug/L			03/21/25 10:34	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			03/21/25 10:34	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			03/21/25 10:34	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			03/21/25 10:34	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			03/21/25 10:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*110*		*73 - 130*		*03/21/25 10:34*	*1*

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-302305-1
SDG: 24C034.00

Client Sample ID: MW-19_25_04
Date Collected: 03/18/25 18:40
Date Received: 03/19/25 15:30

Lab Sample ID: 310-302305-4
Matrix: Water

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*96*		*80 - 120*		*03/21/25 10:34*	*1*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*		*03/21/25 10:34*	*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		03/24/25 08:30	03/26/25 15:13	1
Arsenic	**0.000847**	**J**	0.00200	0.000530	mg/L		03/24/25 08:30	03/26/25 15:13	1
Barium	**0.0324**		0.00200	0.000660	mg/L		03/24/25 08:30	03/26/25 15:13	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		03/24/25 08:30	03/26/25 15:13	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		03/24/25 08:30	03/26/25 15:13	1
Chromium	<0.00120		0.00500	0.00120	mg/L		03/24/25 08:30	03/26/25 15:13	1
Cobalt	**0.0110**		0.000500	0.000170	mg/L		03/24/25 08:30	03/26/25 15:13	1
Copper	<0.00180		0.00500	0.00180	mg/L		03/24/25 08:30	03/26/25 15:13	1
Lead	<0.000260		0.000500	0.000260	mg/L		03/24/25 08:30	03/26/25 15:13	1
Nickel	**0.0175**		0.00500	0.00210	mg/L		03/24/25 08:30	03/26/25 15:13	1
Selenium	<0.00140		0.00500	0.00140	mg/L		03/24/25 08:30	03/26/25 15:13	1
Silver	<0.000500		0.00100	0.000500	mg/L		03/24/25 08:30	03/26/25 15:13	1
Thallium	<0.000570		0.00100	0.000570	mg/L		03/24/25 08:30	03/26/25 15:13	1
Vanadium	<0.00110		0.00500	0.00110	mg/L		03/24/25 08:30	03/26/25 15:13	1
Zinc	<0.00970		0.0200	0.00970	mg/L		03/24/25 08:30	03/26/25 15:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**3.25**		1.88	1.31	mg/L			03/20/25 16:11	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-302305-1
SDG: 24C034.00

Client Sample ID: MW-24_25_04
Date Collected: 03/18/25 14:20
Date Received: 03/19/25 15:30

Lab Sample ID: 310-302305-5
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			03/21/25 10:56	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			03/21/25 10:56	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			03/21/25 10:56	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			03/21/25 10:56	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			03/21/25 10:56	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			03/21/25 10:56	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			03/21/25 10:56	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			03/21/25 10:56	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			03/21/25 10:56	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			03/21/25 10:56	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			03/21/25 10:56	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			03/21/25 10:56	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			03/21/25 10:56	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			03/21/25 10:56	1
2-Hexanone	<2.00		10.0	2.00	ug/L			03/21/25 10:56	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			03/21/25 10:56	1
Acetone	<3.10		10.0	3.10	ug/L			03/21/25 10:56	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			03/21/25 10:56	1
Benzene	<0.220		0.500	0.220	ug/L			03/21/25 10:56	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			03/21/25 10:56	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			03/21/25 10:56	1
Bromoform	<0.780		5.00	0.780	ug/L			03/21/25 10:56	1
Bromomethane	<1.10		4.00	1.10	ug/L			03/21/25 10:56	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			03/21/25 10:56	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			03/21/25 10:56	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			03/21/25 10:56	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			03/21/25 10:56	1
Chloroethane	<0.790		4.00	0.790	ug/L			03/21/25 10:56	1
Chloroform	<1.30		3.00	1.30	ug/L			03/21/25 10:56	1
Chloromethane	<0.610		3.00	0.610	ug/L			03/21/25 10:56	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			03/21/25 10:56	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			03/21/25 10:56	1
Dibromomethane	<0.330		1.00	0.330	ug/L			03/21/25 10:56	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			03/21/25 10:56	1
Iodomethane	<7.00		10.0	7.00	ug/L			03/21/25 10:56	1
Methylene chloride	<1.70		5.00	1.70	ug/L			03/21/25 10:56	1
Styrene	<0.370		1.00	0.370	ug/L			03/21/25 10:56	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			03/21/25 10:56	1
Toluene	<0.430		1.00	0.430	ug/L			03/21/25 10:56	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			03/21/25 10:56	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			03/21/25 10:56	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			03/21/25 10:56	1
Trichloroethene	<0.430		1.00	0.430	ug/L			03/21/25 10:56	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			03/21/25 10:56	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			03/21/25 10:56	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			03/21/25 10:56	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			03/21/25 10:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*105*		*73 - 130*		*03/21/25 10:56*	*1*

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-302305-1
SDG: 24C034.00

Client Sample ID: MW-24_25_04
Date Collected: 03/18/25 14:20
Date Received: 03/19/25 15:30

Lab Sample ID: 310-302305-5
Matrix: Water

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*96*		*80 - 120*		*03/21/25 10:56*	*1*
4-Bromofluorobenzene (Surr)	*106*		*80 - 120*		*03/21/25 10:56*	*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		03/24/25 08:30	03/26/25 15:15	1
Arsenic	**0.000581**	**J**	0.00200	0.000530	mg/L		03/24/25 08:30	03/26/25 15:15	1
Barium	**0.0408**		0.00200	0.000660	mg/L		03/24/25 08:30	03/26/25 15:15	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		03/24/25 08:30	03/26/25 15:15	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		03/24/25 08:30	03/26/25 15:15	1
Chromium	<0.00120		0.00500	0.00120	mg/L		03/24/25 08:30	03/26/25 15:15	1
Cobalt	**0.000217**	**J**	0.000500	0.000170	mg/L		03/24/25 08:30	03/26/25 15:15	1
Copper	**0.00308**	**J**	0.00500	0.00180	mg/L		03/24/25 08:30	03/26/25 15:15	1
Lead	<0.000260		0.000500	0.000260	mg/L		03/24/25 08:30	03/26/25 15:15	1
Nickel	**0.00634**		0.00500	0.00210	mg/L		03/24/25 08:30	03/26/25 15:15	1
Selenium	<0.00140		0.00500	0.00140	mg/L		03/24/25 08:30	03/26/25 15:15	1
Silver	<0.000500		0.00100	0.000500	mg/L		03/24/25 08:30	03/26/25 15:15	1
Thallium	<0.000570		0.00100	0.000570	mg/L		03/24/25 08:30	03/26/25 15:15	1
Vanadium	<0.00110		0.00500	0.00110	mg/L		03/24/25 08:30	03/26/25 15:15	1
Zinc	<0.00970		0.0200	0.00970	mg/L		03/24/25 08:30	03/26/25 15:15	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			03/20/25 16:11	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-302305-1
SDG: 24C034.00

Client Sample ID: MW-26A_25_04
Date Collected: 03/18/25 15:57
Date Received: 03/19/25 15:30

Lab Sample ID: 310-302305-6
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			03/21/25 11:18	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			03/21/25 11:18	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			03/21/25 11:18	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			03/21/25 11:18	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			03/21/25 11:18	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			03/21/25 11:18	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			03/21/25 11:18	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			03/21/25 11:18	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			03/21/25 11:18	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			03/21/25 11:18	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			03/21/25 11:18	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			03/21/25 11:18	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			03/21/25 11:18	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			03/21/25 11:18	1
2-Hexanone	<2.00		10.0	2.00	ug/L			03/21/25 11:18	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			03/21/25 11:18	1
Acetone	**4.49**	**J**	10.0	3.10	ug/L			03/21/25 11:18	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			03/21/25 11:18	1
Benzene	**0.510**		0.500	0.220	ug/L			03/21/25 11:18	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			03/21/25 11:18	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			03/21/25 11:18	1
Bromoform	<0.780		5.00	0.780	ug/L			03/21/25 11:18	1
Bromomethane	<1.10		4.00	1.10	ug/L			03/21/25 11:18	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			03/21/25 11:18	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			03/21/25 11:18	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			03/21/25 11:18	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			03/21/25 11:18	1
Chloroethane	<0.790		4.00	0.790	ug/L			03/21/25 11:18	1
Chloroform	<1.30		3.00	1.30	ug/L			03/21/25 11:18	1
Chloromethane	<0.610		3.00	0.610	ug/L			03/21/25 11:18	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			03/21/25 11:18	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			03/21/25 11:18	1
Dibromomethane	<0.330		1.00	0.330	ug/L			03/21/25 11:18	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			03/21/25 11:18	1
Iodomethane	<7.00		10.0	7.00	ug/L			03/21/25 11:18	1
Methylene chloride	<1.70		5.00	1.70	ug/L			03/21/25 11:18	1
Styrene	<0.370		1.00	0.370	ug/L			03/21/25 11:18	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			03/21/25 11:18	1
Toluene	<0.430		1.00	0.430	ug/L			03/21/25 11:18	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			03/21/25 11:18	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			03/21/25 11:18	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			03/21/25 11:18	1
Trichloroethene	<0.430		1.00	0.430	ug/L			03/21/25 11:18	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			03/21/25 11:18	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			03/21/25 11:18	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			03/21/25 11:18	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			03/21/25 11:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*105*		*73 - 130*		*03/21/25 11:18*	*1*

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-302305-1
SDG: 24C034.00

Client Sample ID: MW-26A_25_04

Date Collected: 03/18/25 15:57
Date Received: 03/19/25 15:30

Lab Sample ID: 310-302305-6

Matrix: Water

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*95*		*80 - 120*		*03/21/25 11:18*	*1*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*		*03/21/25 11:18*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.00129**	**J**	0.00200	0.00100	mg/L		03/24/25 08:30	03/26/25 15:25	1
Arsenic	**0.0154**		0.00200	0.000530	mg/L		03/24/25 08:30	03/26/25 15:25	1
Barium	**0.641**		0.00200	0.000660	mg/L		03/24/25 08:30	03/26/25 15:25	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		03/24/25 08:30	03/26/25 15:25	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		03/24/25 08:30	03/26/25 15:25	1
Chromium	<0.00120		0.00500	0.00120	mg/L		03/24/25 08:30	03/26/25 15:25	1
Cobalt	**0.0612**		0.000500	0.000170	mg/L		03/24/25 08:30	03/26/25 15:25	1
Copper	<0.00180		0.00500	0.00180	mg/L		03/24/25 08:30	03/26/25 15:25	1
Lead	**0.000670**		0.000500	0.000260	mg/L		03/24/25 08:30	03/26/25 15:25	1
Nickel	**0.0364**		0.00500	0.00210	mg/L		03/24/25 08:30	03/26/25 15:25	1
Selenium	<0.00140		0.00500	0.00140	mg/L		03/24/25 08:30	03/26/25 15:25	1
Silver	<0.000500		0.00100	0.000500	mg/L		03/24/25 08:30	03/26/25 15:25	1
Thallium	<0.000570		0.00100	0.000570	mg/L		03/24/25 08:30	03/26/25 15:25	1
Vanadium	<0.00110		0.00500	0.00110	mg/L		03/24/25 08:30	03/26/25 15:25	1
Zinc	<0.00970		0.0200	0.00970	mg/L		03/24/25 08:30	03/26/25 15:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**103**		5.00	3.50	mg/L			03/20/25 16:11	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-302305-1
SDG: 24C034.00

Client Sample ID: MW-29_25_04

Lab Sample ID: 310-302305-7

Date Collected: 03/18/25 09:40
Matrix: Water
Date Received: 03/19/25 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.220		0.500	0.220	ug/L			03/22/25 04:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*96*		*73 - 130*		*03/22/25 04:58*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*03/22/25 04:58*	*1*
4-Bromofluorobenzene (Surr)	*91*		*80 - 120*		*03/22/25 04:58*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	**0.000724**		0.000500	0.000170	mg/L		03/24/25 08:30	03/26/25 15:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**5.00**		1.88	1.31	mg/L			03/20/25 16:11	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-302305-1
SDG: 24C034.00

Client Sample ID: MW-30_25_04
Date Collected: 03/17/25 13:00
Date Received: 03/19/25 15:30

Lab Sample ID: 310-302305-8
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.220		0.500	0.220	ug/L			03/22/25 04:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*98*		*73 - 130*		*03/22/25 04:35*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*03/22/25 04:35*	*1*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*		*03/22/25 04:35*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	**0.00274**		0.000500	0.000170	mg/L		03/24/25 08:30	03/26/25 15:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**17.6**		1.88	1.31	mg/L			03/20/25 16:11	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-302305-1
SDG: 24C034.00

Client Sample ID: MW-300_25_04
Date Collected: 03/18/25 18:35
Date Received: 03/19/25 15:30

Lab Sample ID: 310-302305-9
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			03/20/25 18:57	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			03/20/25 18:57	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			03/20/25 18:57	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			03/20/25 18:57	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			03/20/25 18:57	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			03/20/25 18:57	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			03/20/25 18:57	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			03/20/25 18:57	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			03/20/25 18:57	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			03/20/25 18:57	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			03/20/25 18:57	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			03/20/25 18:57	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			03/20/25 18:57	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			03/20/25 18:57	1
2-Hexanone	<2.00		10.0	2.00	ug/L			03/20/25 18:57	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			03/20/25 18:57	1
Acetone	<3.10		10.0	3.10	ug/L			03/20/25 18:57	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			03/20/25 18:57	1
Benzene	<0.220		0.500	0.220	ug/L			03/20/25 18:57	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			03/20/25 18:57	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			03/20/25 18:57	1
Bromoform	<0.780		5.00	0.780	ug/L			03/20/25 18:57	1
Bromomethane	<1.10		4.00	1.10	ug/L			03/20/25 18:57	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			03/20/25 18:57	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			03/20/25 18:57	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			03/20/25 18:57	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			03/20/25 18:57	1
Chloroethane	<0.790		4.00	0.790	ug/L			03/20/25 18:57	1
Chloroform	<1.30		3.00	1.30	ug/L			03/20/25 18:57	1
Chloromethane	<0.610		3.00	0.610	ug/L			03/20/25 18:57	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			03/20/25 18:57	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			03/20/25 18:57	1
Dibromomethane	<0.330		1.00	0.330	ug/L			03/20/25 18:57	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			03/20/25 18:57	1
Iodomethane	<7.00		10.0	7.00	ug/L			03/20/25 18:57	1
Methylene chloride	<1.70		5.00	1.70	ug/L			03/20/25 18:57	1
Styrene	<0.370		1.00	0.370	ug/L			03/20/25 18:57	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			03/20/25 18:57	1
Toluene	<0.430		1.00	0.430	ug/L			03/20/25 18:57	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			03/20/25 18:57	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			03/20/25 18:57	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			03/20/25 18:57	1
Trichloroethene	<0.430		1.00	0.430	ug/L			03/20/25 18:57	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			03/20/25 18:57	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			03/20/25 18:57	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			03/20/25 18:57	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			03/20/25 18:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*101*		*73 - 130*		*03/20/25 18:57*	*1*

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-302305-1
SDG: 24C034.00

Client Sample ID: MW-300_25_04
Date Collected: 03/18/25 18:35
Date Received: 03/19/25 15:30

Lab Sample ID: 310-302305-9
Matrix: Water

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*95*		*80 - 120*		*03/20/25 18:57*	*1*
4-Bromofluorobenzene (Surr)	*105*		*80 - 120*		*03/20/25 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		03/24/25 08:30	03/26/25 15:32	1
Arsenic	<0.000530		0.00200	0.000530	mg/L		03/24/25 08:30	03/26/25 15:32	1
Barium	**0.0657**		0.00200	0.000660	mg/L		03/24/25 08:30	03/26/25 15:32	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		03/24/25 08:30	03/26/25 15:32	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		03/24/25 08:30	03/26/25 15:32	1
Chromium	<0.00120		0.00500	0.00120	mg/L		03/24/25 08:30	03/26/25 15:32	1
Cobalt	<0.000170		0.000500	0.000170	mg/L		03/24/25 08:30	03/26/25 15:32	1
Copper	<0.00180		0.00500	0.00180	mg/L		03/24/25 08:30	03/26/25 15:32	1
Lead	<0.000260		0.000500	0.000260	mg/L		03/24/25 08:30	03/26/25 15:32	1
Nickel	<0.00210		0.00500	0.00210	mg/L		03/24/25 08:30	03/26/25 15:32	1
Selenium	<0.00140		0.00500	0.00140	mg/L		03/24/25 08:30	03/26/25 15:32	1
Silver	<0.000500		0.00100	0.000500	mg/L		03/24/25 08:30	03/26/25 15:32	1
Thallium	<0.000570		0.00100	0.000570	mg/L		03/24/25 08:30	03/26/25 15:32	1
Vanadium	<0.00110		0.00500	0.00110	mg/L		03/24/25 08:30	03/26/25 15:32	1
Zinc	<0.00970		0.0200	0.00970	mg/L		03/24/25 08:30	03/26/25 15:32	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			03/20/25 16:11	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-302305-1
SDG: 24C034.00

Client Sample ID: MW-301_25_04
Date Collected: 03/18/25 17:50
Date Received: 03/19/25 15:30

Lab Sample ID: 310-302305-10
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			03/20/25 19:20	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			03/20/25 19:20	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			03/20/25 19:20	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			03/20/25 19:20	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			03/20/25 19:20	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			03/20/25 19:20	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			03/20/25 19:20	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			03/20/25 19:20	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			03/20/25 19:20	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			03/20/25 19:20	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			03/20/25 19:20	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			03/20/25 19:20	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			03/20/25 19:20	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			03/20/25 19:20	1
2-Hexanone	<2.00		10.0	2.00	ug/L			03/20/25 19:20	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			03/20/25 19:20	1
Acetone	<3.10		10.0	3.10	ug/L			03/20/25 19:20	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			03/20/25 19:20	1
Benzene	<0.220		0.500	0.220	ug/L			03/20/25 19:20	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			03/20/25 19:20	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			03/20/25 19:20	1
Bromoform	<0.780		5.00	0.780	ug/L			03/20/25 19:20	1
Bromomethane	<1.10		4.00	1.10	ug/L			03/20/25 19:20	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			03/20/25 19:20	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			03/20/25 19:20	1
Chlorobenzene	**0.459**	**J**	1.00	0.400	ug/L			03/20/25 19:20	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			03/20/25 19:20	1
Chloroethane	<0.790		4.00	0.790	ug/L			03/20/25 19:20	1
Chloroform	<1.30		3.00	1.30	ug/L			03/20/25 19:20	1
Chloromethane	<0.610		3.00	0.610	ug/L			03/20/25 19:20	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			03/20/25 19:20	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			03/20/25 19:20	1
Dibromomethane	<0.330		1.00	0.330	ug/L			03/20/25 19:20	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			03/20/25 19:20	1
Iodomethane	<7.00		10.0	7.00	ug/L			03/20/25 19:20	1
Methylene chloride	<1.70		5.00	1.70	ug/L			03/20/25 19:20	1
Styrene	<0.370		1.00	0.370	ug/L			03/20/25 19:20	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			03/20/25 19:20	1
Toluene	<0.430		1.00	0.430	ug/L			03/20/25 19:20	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			03/20/25 19:20	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			03/20/25 19:20	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			03/20/25 19:20	1
Trichloroethene	<0.430		1.00	0.430	ug/L			03/20/25 19:20	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			03/20/25 19:20	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			03/20/25 19:20	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			03/20/25 19:20	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			03/20/25 19:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*102*		*73 - 130*		*03/20/25 19:20*	*1*

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-302305-1
SDG: 24C034.00

Client Sample ID: MW-301_25_04

Date Collected: 03/18/25 17:50
Date Received: 03/19/25 15:30

Lab Sample ID: 310-302305-10

Matrix: Water

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*97*		*80 - 120*		*03/20/25 19:20*	*1*
4-Bromofluorobenzene (Surr)	*109*		*80 - 120*		*03/20/25 19:20*	*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		03/24/25 08:30	03/26/25 15:34	1
Arsenic	**0.00508**		0.00200	0.000530	mg/L		03/24/25 08:30	03/26/25 15:34	1
Barium	**0.0610**		0.00200	0.000660	mg/L		03/24/25 08:30	03/26/25 15:34	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		03/24/25 08:30	03/26/25 15:34	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		03/24/25 08:30	03/26/25 15:34	1
Chromium	<0.00120		0.00500	0.00120	mg/L		03/24/25 08:30	03/26/25 15:34	1
Cobalt	**0.00494**		0.000500	0.000170	mg/L		03/24/25 08:30	03/26/25 15:34	1
Copper	<0.00180		0.00500	0.00180	mg/L		03/24/25 08:30	03/26/25 15:34	1
Lead	<0.000260		0.000500	0.000260	mg/L		03/24/25 08:30	03/26/25 15:34	1
Nickel	**0.00825**		0.00500	0.00210	mg/L		03/24/25 08:30	03/26/25 15:34	1
Selenium	<0.00140		0.00500	0.00140	mg/L		03/24/25 08:30	03/26/25 15:34	1
Silver	<0.000500		0.00100	0.000500	mg/L		03/24/25 08:30	03/26/25 15:34	1
Thallium	<0.000570		0.00100	0.000570	mg/L		03/24/25 08:30	03/26/25 15:34	1
Vanadium	<0.00110		0.00500	0.00110	mg/L		03/24/25 08:30	03/26/25 15:34	1
Zinc	<0.00970		0.0200	0.00970	mg/L		03/24/25 08:30	03/26/25 15:34	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**19.4**		1.88	1.31	mg/L			03/20/25 16:11	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-302305-1
SDG: 24C034.00

Client Sample ID: MW-302R_25_04
Date Collected: 03/18/25 15:40
Date Received: 03/19/25 15:30

Lab Sample ID: 310-302305-11
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			03/20/25 19:42	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			03/20/25 19:42	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			03/20/25 19:42	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			03/20/25 19:42	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			03/20/25 19:42	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			03/20/25 19:42	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			03/20/25 19:42	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			03/20/25 19:42	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			03/20/25 19:42	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			03/20/25 19:42	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			03/20/25 19:42	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			03/20/25 19:42	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			03/20/25 19:42	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			03/20/25 19:42	1
2-Hexanone	<2.00		10.0	2.00	ug/L			03/20/25 19:42	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			03/20/25 19:42	1
Acetone	<3.10		10.0	3.10	ug/L			03/20/25 19:42	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			03/20/25 19:42	1
Benzene	<0.220		0.500	0.220	ug/L			03/20/25 19:42	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			03/20/25 19:42	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			03/20/25 19:42	1
Bromoform	<0.780		5.00	0.780	ug/L			03/20/25 19:42	1
Bromomethane	<1.10		4.00	1.10	ug/L			03/20/25 19:42	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			03/20/25 19:42	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			03/20/25 19:42	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			03/20/25 19:42	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			03/20/25 19:42	1
Chloroethane	<0.790		4.00	0.790	ug/L			03/20/25 19:42	1
Chloroform	<1.30		3.00	1.30	ug/L			03/20/25 19:42	1
Chloromethane	<0.610		3.00	0.610	ug/L			03/20/25 19:42	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			03/20/25 19:42	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			03/20/25 19:42	1
Dibromomethane	<0.330		1.00	0.330	ug/L			03/20/25 19:42	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			03/20/25 19:42	1
Iodomethane	<7.00		10.0	7.00	ug/L			03/20/25 19:42	1
Methylene chloride	<1.70		5.00	1.70	ug/L			03/20/25 19:42	1
Styrene	<0.370		1.00	0.370	ug/L			03/20/25 19:42	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			03/20/25 19:42	1
Toluene	<0.430		1.00	0.430	ug/L			03/20/25 19:42	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			03/20/25 19:42	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			03/20/25 19:42	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			03/20/25 19:42	1
Trichloroethene	<0.430		1.00	0.430	ug/L			03/20/25 19:42	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			03/20/25 19:42	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			03/20/25 19:42	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			03/20/25 19:42	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			03/20/25 19:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*108*		*73 - 130*		*03/20/25 19:42*	*1*

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-302305-1
SDG: 24C034.00

Client Sample ID: MW-302R_25_04
Date Collected: 03/18/25 15:40
Date Received: 03/19/25 15:30

Lab Sample ID: 310-302305-11
Matrix: Water

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*96*		*80 - 120*		*03/20/25 19:42*	*1*
4-Bromofluorobenzene (Surr)	*109*		*80 - 120*		*03/20/25 19:42*	*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		03/24/25 08:30	03/26/25 15:36	1
Arsenic	**0.000732**	**J**	0.00200	0.000530	mg/L		03/24/25 08:30	03/26/25 15:36	1
Barium	**0.113**		0.00200	0.000660	mg/L		03/24/25 08:30	03/26/25 15:36	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		03/24/25 08:30	03/26/25 15:36	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		03/24/25 08:30	03/26/25 15:36	1
Chromium	<0.00120		0.00500	0.00120	mg/L		03/24/25 08:30	03/26/25 15:36	1
Cobalt	<0.000170		0.000500	0.000170	mg/L		03/24/25 08:30	03/26/25 15:36	1
Copper	<0.00180		0.00500	0.00180	mg/L		03/24/25 08:30	03/26/25 15:36	1
Lead	<0.000260		0.000500	0.000260	mg/L		03/24/25 08:30	03/26/25 15:36	1
Nickel	<0.00210		0.00500	0.00210	mg/L		03/24/25 08:30	03/26/25 15:36	1
Selenium	<0.00140		0.00500	0.00140	mg/L		03/24/25 08:30	03/26/25 15:36	1
Silver	<0.000500		0.00100	0.000500	mg/L		03/24/25 08:30	03/26/25 15:36	1
Thallium	<0.000570		0.00100	0.000570	mg/L		03/24/25 08:30	03/26/25 15:36	1
Vanadium	<0.00110		0.00500	0.00110	mg/L		03/24/25 08:30	03/26/25 15:36	1
Zinc	<0.00970		0.0200	0.00970	mg/L		03/24/25 08:30	03/26/25 15:36	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**3.25**		1.88	1.31	mg/L			03/20/25 16:11	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-302305-1
SDG: 24C034.00

Client Sample ID: MW-303_25_04
Date Collected: 03/18/25 14:40
Date Received: 03/19/25 15:30

Lab Sample ID: 310-302305-12
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			03/20/25 20:05	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			03/20/25 20:05	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			03/20/25 20:05	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			03/20/25 20:05	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			03/20/25 20:05	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			03/20/25 20:05	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			03/20/25 20:05	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			03/20/25 20:05	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			03/20/25 20:05	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			03/20/25 20:05	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			03/20/25 20:05	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			03/20/25 20:05	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			03/20/25 20:05	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			03/20/25 20:05	1
2-Hexanone	<2.00		10.0	2.00	ug/L			03/20/25 20:05	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			03/20/25 20:05	1
Acetone	<3.10		10.0	3.10	ug/L			03/20/25 20:05	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			03/20/25 20:05	1
Benzene	<0.220		0.500	0.220	ug/L			03/20/25 20:05	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			03/20/25 20:05	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			03/20/25 20:05	1
Bromoform	<0.780		5.00	0.780	ug/L			03/20/25 20:05	1
Bromomethane	<1.10		4.00	1.10	ug/L			03/20/25 20:05	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			03/20/25 20:05	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			03/20/25 20:05	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			03/20/25 20:05	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			03/20/25 20:05	1
Chloroethane	<0.790		4.00	0.790	ug/L			03/20/25 20:05	1
Chloroform	<1.30		3.00	1.30	ug/L			03/20/25 20:05	1
Chloromethane	<0.610		3.00	0.610	ug/L			03/20/25 20:05	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			03/20/25 20:05	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			03/20/25 20:05	1
Dibromomethane	<0.330		1.00	0.330	ug/L			03/20/25 20:05	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			03/20/25 20:05	1
Iodomethane	<7.00		10.0	7.00	ug/L			03/20/25 20:05	1
Methylene chloride	<1.70		5.00	1.70	ug/L			03/20/25 20:05	1
Styrene	<0.370		1.00	0.370	ug/L			03/20/25 20:05	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			03/20/25 20:05	1
Toluene	<0.430		1.00	0.430	ug/L			03/20/25 20:05	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			03/20/25 20:05	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			03/20/25 20:05	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			03/20/25 20:05	1
Trichloroethene	<0.430		1.00	0.430	ug/L			03/20/25 20:05	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			03/20/25 20:05	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			03/20/25 20:05	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			03/20/25 20:05	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			03/20/25 20:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*104*		*73 - 130*		*03/20/25 20:05*	*1*

Client Sample ID: MW-303_25_04
Date Collected: 03/18/25 14:40
Date Received: 03/19/25 15:30

Lab Sample ID: 310-302305-12
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*		*03/20/25 20:05*	*1*
4-Bromofluorobenzene (Surr)	*104*		*80 - 120*		*03/20/25 20:05*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor	<0.0211		0.0919	0.0211	ug/L		03/21/25 13:00	03/21/25 18:22	1
gamma-BHC (Lindane)	<0.00919		0.0919	0.00919	ug/L		03/21/25 13:00	03/21/25 18:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*110*		*10 - 136*	*03/21/25 13:00*	*03/21/25 18:22*	*1*
Tetrachloro-m-xylene	*90*		*10 - 130*	*03/21/25 13:00*	*03/21/25 18:22*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	<0.273		0.656	0.273	ug/L		03/25/25 20:26	03/27/25 01:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid (Surr)	*112*		*34 - 142*	*03/25/25 20:26*	*03/27/25 01:23*	*1*
2,4-Dichlorophenylacetic acid (Surr)	*91*		*34 - 142*	*03/25/25 20:26*	*03/27/25 01:23*	*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		03/24/25 08:30	03/26/25 15:41	1
Arsenic	**0.000932**	**J**	0.00200	0.000530	mg/L		03/24/25 08:30	03/26/25 15:41	1
Barium	**0.0216**		0.00200	0.000660	mg/L		03/24/25 08:30	03/26/25 15:41	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		03/24/25 08:30	03/26/25 15:41	1
Cadmium	**0.00167**		0.000200	0.000100	mg/L		03/24/25 08:30	03/26/25 15:41	1
Chromium	<0.00120		0.00500	0.00120	mg/L		03/24/25 08:30	03/26/25 15:41	1
Cobalt	**0.00366**		0.000500	0.000170	mg/L		03/24/25 08:30	03/26/25 15:41	1
Copper	**0.00336**	**J**	0.00500	0.00180	mg/L		03/24/25 08:30	03/26/25 15:41	1
Lead	<0.000260		0.000500	0.000260	mg/L		03/24/25 08:30	03/26/25 15:41	1
Nickel	**0.0669**		0.00500	0.00210	mg/L		03/24/25 08:30	03/26/25 15:41	1
Selenium	<0.00140		0.00500	0.00140	mg/L		03/24/25 08:30	03/26/25 15:41	1
Silver	<0.000500		0.00100	0.000500	mg/L		03/24/25 08:30	03/26/25 15:41	1
Thallium	<0.000570		0.00100	0.000570	mg/L		03/24/25 08:30	03/26/25 15:41	1
Vanadium	<0.00110		0.00500	0.00110	mg/L		03/24/25 08:30	03/26/25 15:41	1
Zinc	**0.0141**	**J**	0.0200	0.00970	mg/L		03/24/25 08:30	03/26/25 15:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**4.25**		1.88	1.31	mg/L			03/20/25 16:11	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-302305-1
SDG: 24C034.00

Client Sample ID: MW-304R_25_04
Date Collected: 03/18/25 11:50
Date Received: 03/19/25 15:30

Lab Sample ID: 310-302305-13
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			03/20/25 20:27	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			03/20/25 20:27	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			03/20/25 20:27	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			03/20/25 20:27	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			03/20/25 20:27	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			03/20/25 20:27	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			03/20/25 20:27	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			03/20/25 20:27	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			03/20/25 20:27	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			03/20/25 20:27	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			03/20/25 20:27	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			03/20/25 20:27	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			03/20/25 20:27	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			03/20/25 20:27	1
2-Hexanone	<2.00		10.0	2.00	ug/L			03/20/25 20:27	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			03/20/25 20:27	1
Acetone	<3.10		10.0	3.10	ug/L			03/20/25 20:27	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			03/20/25 20:27	1
Benzene	<0.220		0.500	0.220	ug/L			03/20/25 20:27	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			03/20/25 20:27	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			03/20/25 20:27	1
Bromoform	<0.780		5.00	0.780	ug/L			03/20/25 20:27	1
Bromomethane	<1.10		4.00	1.10	ug/L			03/20/25 20:27	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			03/20/25 20:27	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			03/20/25 20:27	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			03/20/25 20:27	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			03/20/25 20:27	1
Chloroethane	<0.790		4.00	0.790	ug/L			03/20/25 20:27	1
Chloroform	<1.30		3.00	1.30	ug/L			03/20/25 20:27	1
Chloromethane	<0.610		3.00	0.610	ug/L			03/20/25 20:27	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			03/20/25 20:27	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			03/20/25 20:27	1
Dibromomethane	<0.330		1.00	0.330	ug/L			03/20/25 20:27	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			03/20/25 20:27	1
Iodomethane	<7.00		10.0	7.00	ug/L			03/20/25 20:27	1
Methylene chloride	<1.70		5.00	1.70	ug/L			03/20/25 20:27	1
Styrene	<0.370		1.00	0.370	ug/L			03/20/25 20:27	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			03/20/25 20:27	1
Toluene	<0.430		1.00	0.430	ug/L			03/20/25 20:27	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			03/20/25 20:27	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			03/20/25 20:27	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			03/20/25 20:27	1
Trichloroethene	<0.430		1.00	0.430	ug/L			03/20/25 20:27	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			03/20/25 20:27	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			03/20/25 20:27	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			03/20/25 20:27	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			03/20/25 20:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*105*		*73 - 130*		*03/20/25 20:27*	*1*

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-302305-1
SDG: 24C034.00

Client Sample ID: MW-304R_25_04
Date Collected: 03/18/25 11:50
Date Received: 03/19/25 15:30

Lab Sample ID: 310-302305-13
Matrix: Water

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*97*		*80 - 120*		*03/20/25 20:27*	*1*
4-Bromofluorobenzene (Surr)	*104*		*80 - 120*		*03/20/25 20:27*	*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		03/24/25 08:30	03/26/25 15:44	1
Arsenic	**0.000573**	**J**	0.00200	0.000530	mg/L		03/24/25 08:30	03/26/25 15:44	1
Barium	**0.0357**		0.00200	0.000660	mg/L		03/24/25 08:30	03/26/25 15:44	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		03/24/25 08:30	03/26/25 15:44	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		03/24/25 08:30	03/26/25 15:44	1
Chromium	<0.00120		0.00500	0.00120	mg/L		03/24/25 08:30	03/26/25 15:44	1
Cobalt	**0.00885**		0.000500	0.000170	mg/L		03/24/25 08:30	03/26/25 15:44	1
Copper	<0.00180		0.00500	0.00180	mg/L		03/24/25 08:30	03/26/25 15:44	1
Lead	<0.000260		0.000500	0.000260	mg/L		03/24/25 08:30	03/26/25 15:44	1
Nickel	**0.00505**		0.00500	0.00210	mg/L		03/24/25 08:30	03/26/25 15:44	1
Selenium	<0.00140		0.00500	0.00140	mg/L		03/24/25 08:30	03/26/25 15:44	1
Silver	<0.000500		0.00100	0.000500	mg/L		03/24/25 08:30	03/26/25 15:44	1
Thallium	<0.000570		0.00100	0.000570	mg/L		03/24/25 08:30	03/26/25 15:44	1
Vanadium	<0.00110		0.00500	0.00110	mg/L		03/24/25 08:30	03/26/25 15:44	1
Zinc	<0.00970		0.0200	0.00970	mg/L		03/24/25 08:30	03/26/25 15:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**25.8**		1.88	1.31	mg/L			03/20/25 16:11	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-302305-1
SDG: 24C034.00

Client Sample ID: MW-305_25_04
Date Collected: 03/18/25 10:30
Date Received: 03/19/25 15:30

Lab Sample ID: 310-302305-14
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			03/20/25 20:50	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			03/20/25 20:50	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			03/20/25 20:50	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			03/20/25 20:50	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			03/20/25 20:50	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			03/20/25 20:50	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			03/20/25 20:50	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			03/20/25 20:50	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			03/20/25 20:50	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			03/20/25 20:50	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			03/20/25 20:50	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			03/20/25 20:50	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			03/20/25 20:50	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			03/20/25 20:50	1
2-Hexanone	<2.00		10.0	2.00	ug/L			03/20/25 20:50	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			03/20/25 20:50	1
Acetone	<3.10		10.0	3.10	ug/L			03/20/25 20:50	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			03/20/25 20:50	1
Benzene	<0.220		0.500	0.220	ug/L			03/20/25 20:50	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			03/20/25 20:50	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			03/20/25 20:50	1
Bromoform	<0.780		5.00	0.780	ug/L			03/20/25 20:50	1
Bromomethane	<1.10		4.00	1.10	ug/L			03/20/25 20:50	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			03/20/25 20:50	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			03/20/25 20:50	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			03/20/25 20:50	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			03/20/25 20:50	1
Chloroethane	<0.790		4.00	0.790	ug/L			03/20/25 20:50	1
Chloroform	<1.30		3.00	1.30	ug/L			03/20/25 20:50	1
Chloromethane	<0.610		3.00	0.610	ug/L			03/20/25 20:50	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			03/20/25 20:50	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			03/20/25 20:50	1
Dibromomethane	<0.330		1.00	0.330	ug/L			03/20/25 20:50	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			03/20/25 20:50	1
Iodomethane	<7.00		10.0	7.00	ug/L			03/20/25 20:50	1
Methylene chloride	<1.70		5.00	1.70	ug/L			03/20/25 20:50	1
Styrene	<0.370		1.00	0.370	ug/L			03/20/25 20:50	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			03/20/25 20:50	1
Toluene	<0.430		1.00	0.430	ug/L			03/20/25 20:50	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			03/20/25 20:50	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			03/20/25 20:50	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			03/20/25 20:50	1
Trichloroethene	<0.430		1.00	0.430	ug/L			03/20/25 20:50	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			03/20/25 20:50	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			03/20/25 20:50	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			03/20/25 20:50	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			03/20/25 20:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*100*		*73 - 130*		*03/20/25 20:50*	*1*

Client Sample ID: MW-305_25_04
Date Collected: 03/18/25 10:30
Date Received: 03/19/25 15:30

Lab Sample ID: 310-302305-14
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*		*03/20/25 20:50*	*1*
4-Bromofluorobenzene (Surr)	*104*		*80 - 120*		*03/20/25 20:50*	*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		03/24/25 08:30	03/26/25 15:46	1
Arsenic	<0.000530		0.00200	0.000530	mg/L		03/24/25 08:30	03/26/25 15:46	1
Barium	**0.0360**		0.00200	0.000660	mg/L		03/24/25 08:30	03/26/25 15:46	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		03/24/25 08:30	03/26/25 15:46	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		03/24/25 08:30	03/26/25 15:46	1
Chromium	<0.00120		0.00500	0.00120	mg/L		03/24/25 08:30	03/26/25 15:46	1
Cobalt	**0.00161**		0.000500	0.000170	mg/L		03/24/25 08:30	03/26/25 15:46	1
Copper	<0.00180		0.00500	0.00180	mg/L		03/24/25 08:30	03/26/25 15:46	1
Lead	<0.000260		0.000500	0.000260	mg/L		03/24/25 08:30	03/26/25 15:46	1
Nickel	**0.00257**	**J**	0.00500	0.00210	mg/L		03/24/25 08:30	03/26/25 15:46	1
Selenium	<0.00140		0.00500	0.00140	mg/L		03/24/25 08:30	03/26/25 15:46	1
Silver	<0.000500		0.00100	0.000500	mg/L		03/24/25 08:30	03/26/25 15:46	1
Thallium	<0.000570		0.00100	0.000570	mg/L		03/24/25 08:30	03/26/25 15:46	1
Vanadium	<0.00110		0.00500	0.00110	mg/L		03/24/25 08:30	03/26/25 15:46	1
Zinc	<0.00970		0.0200	0.00970	mg/L		03/24/25 08:30	03/26/25 15:46	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**7.38**		1.88	1.31	mg/L			03/20/25 16:11	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-302305-1
SDG: 24C034.00

Client Sample ID: FD-1_25_04
Date Collected: 03/18/25 00:00
Date Received: 03/19/25 15:30

Lab Sample ID: 310-302305-15
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			03/20/25 21:12	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			03/20/25 21:12	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			03/20/25 21:12	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			03/20/25 21:12	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			03/20/25 21:12	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			03/20/25 21:12	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			03/20/25 21:12	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			03/20/25 21:12	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			03/20/25 21:12	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			03/20/25 21:12	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			03/20/25 21:12	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			03/20/25 21:12	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			03/20/25 21:12	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			03/20/25 21:12	1
2-Hexanone	<2.00		10.0	2.00	ug/L			03/20/25 21:12	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			03/20/25 21:12	1
Acetone	<3.10		10.0	3.10	ug/L			03/20/25 21:12	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			03/20/25 21:12	1
Benzene	<0.220		0.500	0.220	ug/L			03/20/25 21:12	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			03/20/25 21:12	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			03/20/25 21:12	1
Bromoform	<0.780		5.00	0.780	ug/L			03/20/25 21:12	1
Bromomethane	<1.10		4.00	1.10	ug/L			03/20/25 21:12	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			03/20/25 21:12	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			03/20/25 21:12	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			03/20/25 21:12	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			03/20/25 21:12	1
Chloroethane	<0.790		4.00	0.790	ug/L			03/20/25 21:12	1
Chloroform	<1.30		3.00	1.30	ug/L			03/20/25 21:12	1
Chloromethane	<0.610		3.00	0.610	ug/L			03/20/25 21:12	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			03/20/25 21:12	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			03/20/25 21:12	1
Dibromomethane	<0.330		1.00	0.330	ug/L			03/20/25 21:12	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			03/20/25 21:12	1
Iodomethane	<7.00		10.0	7.00	ug/L			03/20/25 21:12	1
Methylene chloride	<1.70		5.00	1.70	ug/L			03/20/25 21:12	1
Styrene	<0.370		1.00	0.370	ug/L			03/20/25 21:12	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			03/20/25 21:12	1
Toluene	<0.430		1.00	0.430	ug/L			03/20/25 21:12	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			03/20/25 21:12	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			03/20/25 21:12	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			03/20/25 21:12	1
Trichloroethene	<0.430		1.00	0.430	ug/L			03/20/25 21:12	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			03/20/25 21:12	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			03/20/25 21:12	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			03/20/25 21:12	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			03/20/25 21:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*103*		*73 - 130*		*03/20/25 21:12*	*1*

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-302305-1
SDG: 24C034.00

Client Sample ID: FD-1_25_04
Date Collected: 03/18/25 00:00
Date Received: 03/19/25 15:30

Lab Sample ID: 310-302305-15
Matrix: Water

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*95*		*80 - 120*		*03/20/25 21:12*	*1*
4-Bromofluorobenzene (Surr)	*106*		*80 - 120*		*03/20/25 21:12*	*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		03/24/25 08:30	03/26/25 15:55	1
Arsenic	<0.000530		0.00200	0.000530	mg/L		03/24/25 08:30	03/26/25 15:55	1
Barium	**0.0349**		0.00200	0.000660	mg/L		03/24/25 08:30	03/26/25 15:55	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		03/24/25 08:30	03/26/25 15:55	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		03/24/25 08:30	03/26/25 15:55	1
Chromium	<0.00120		0.00500	0.00120	mg/L		03/24/25 08:30	03/26/25 15:55	1
Cobalt	**0.00147**		0.000500	0.000170	mg/L		03/24/25 08:30	03/26/25 15:55	1
Copper	<0.00180		0.00500	0.00180	mg/L		03/24/25 08:30	03/26/25 15:55	1
Lead	<0.000260		0.000500	0.000260	mg/L		03/24/25 08:30	03/26/25 15:55	1
Nickel	**0.00241**	**J**	0.00500	0.00210	mg/L		03/24/25 08:30	03/26/25 15:55	1
Selenium	<0.00140		0.00500	0.00140	mg/L		03/24/25 08:30	03/26/25 15:55	1
Silver	<0.000500		0.00100	0.000500	mg/L		03/24/25 08:30	03/26/25 15:55	1
Thallium	<0.000570		0.00100	0.000570	mg/L		03/24/25 08:30	03/26/25 15:55	1
Vanadium	<0.00110		0.00500	0.00110	mg/L		03/24/25 08:30	03/26/25 15:55	1
Zinc	<0.00970		0.0200	0.00970	mg/L		03/24/25 08:30	03/26/25 15:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**9.00**		5.00	3.50	mg/L			03/20/25 16:11	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-302305-1
SDG: 24C034.00

Client Sample ID: FD-2_25_04
Date Collected: 03/18/25 00:00
Date Received: 03/19/25 15:30

Lab Sample ID: 310-302305-16
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			03/20/25 21:35	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			03/20/25 21:35	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			03/20/25 21:35	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			03/20/25 21:35	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			03/20/25 21:35	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			03/20/25 21:35	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			03/20/25 21:35	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			03/20/25 21:35	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			03/20/25 21:35	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			03/20/25 21:35	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			03/20/25 21:35	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			03/20/25 21:35	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			03/20/25 21:35	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			03/20/25 21:35	1
2-Hexanone	<2.00		10.0	2.00	ug/L			03/20/25 21:35	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			03/20/25 21:35	1
Acetone	<3.10		10.0	3.10	ug/L			03/20/25 21:35	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			03/20/25 21:35	1
Benzene	<0.220		0.500	0.220	ug/L			03/20/25 21:35	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			03/20/25 21:35	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			03/20/25 21:35	1
Bromoform	<0.780		5.00	0.780	ug/L			03/20/25 21:35	1
Bromomethane	<1.10		4.00	1.10	ug/L			03/20/25 21:35	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			03/20/25 21:35	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			03/20/25 21:35	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			03/20/25 21:35	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			03/20/25 21:35	1
Chloroethane	<0.790		4.00	0.790	ug/L			03/20/25 21:35	1
Chloroform	<1.30		3.00	1.30	ug/L			03/20/25 21:35	1
Chloromethane	<0.610		3.00	0.610	ug/L			03/20/25 21:35	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			03/20/25 21:35	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			03/20/25 21:35	1
Dibromomethane	<0.330		1.00	0.330	ug/L			03/20/25 21:35	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			03/20/25 21:35	1
Iodomethane	<7.00		10.0	7.00	ug/L			03/20/25 21:35	1
Methylene chloride	<1.70		5.00	1.70	ug/L			03/20/25 21:35	1
Styrene	<0.370		1.00	0.370	ug/L			03/20/25 21:35	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			03/20/25 21:35	1
Toluene	<0.430		1.00	0.430	ug/L			03/20/25 21:35	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			03/20/25 21:35	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			03/20/25 21:35	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			03/20/25 21:35	1
Trichloroethene	<0.430		1.00	0.430	ug/L			03/20/25 21:35	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			03/20/25 21:35	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			03/20/25 21:35	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			03/20/25 21:35	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			03/20/25 21:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*100*		*73 - 130*		*03/20/25 21:35*	*1*

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-302305-1
SDG: 24C034.00

Client Sample ID: FD-2_25_04

Date Collected: 03/18/25 00:00
Date Received: 03/19/25 15:30

Lab Sample ID: 310-302305-16

Matrix: Water

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*95*		*80 - 120*		*03/20/25 21:35*	*1*
4-Bromofluorobenzene (Surr)	*104*		*80 - 120*		*03/20/25 21:35*	*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		03/24/25 08:30	03/26/25 15:58	1
Arsenic	**0.000789**	**J**	0.00200	0.000530	mg/L		03/24/25 08:30	03/26/25 15:58	1
Barium	**0.119**		0.00200	0.000660	mg/L		03/24/25 08:30	03/26/25 15:58	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		03/24/25 08:30	03/26/25 15:58	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		03/24/25 08:30	03/26/25 15:58	1
Chromium	<0.00120		0.00500	0.00120	mg/L		03/24/25 08:30	03/26/25 15:58	1
Cobalt	<0.000170		0.000500	0.000170	mg/L		03/24/25 08:30	03/26/25 15:58	1
Copper	<0.00180		0.00500	0.00180	mg/L		03/24/25 08:30	03/26/25 15:58	1
Lead	<0.000260		0.000500	0.000260	mg/L		03/24/25 08:30	03/26/25 15:58	1
Nickel	<0.00210		0.00500	0.00210	mg/L		03/24/25 08:30	03/26/25 15:58	1
Selenium	<0.00140		0.00500	0.00140	mg/L		03/24/25 08:30	03/26/25 15:58	1
Silver	<0.000500		0.00100	0.000500	mg/L		03/24/25 08:30	03/26/25 15:58	1
Thallium	<0.000570		0.00100	0.000570	mg/L		03/24/25 08:30	03/26/25 15:58	1
Vanadium	**0.00113**	**J**	0.00500	0.00110	mg/L		03/24/25 08:30	03/26/25 15:58	1
Zinc	<0.00970		0.0200	0.00970	mg/L		03/24/25 08:30	03/26/25 15:58	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			03/20/25 17:05	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-302305-1
SDG: 24C034.00

Client Sample ID: FB-1_25_04
Date Collected: 03/18/25 16:45
Date Received: 03/19/25 15:30

Lab Sample ID: 310-302305-17
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			03/20/25 17:05	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			03/20/25 17:05	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			03/20/25 17:05	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			03/20/25 17:05	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			03/20/25 17:05	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			03/20/25 17:05	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			03/20/25 17:05	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			03/20/25 17:05	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			03/20/25 17:05	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			03/20/25 17:05	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			03/20/25 17:05	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			03/20/25 17:05	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			03/20/25 17:05	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			03/20/25 17:05	1
2-Hexanone	<2.00		10.0	2.00	ug/L			03/20/25 17:05	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			03/20/25 17:05	1
Acetone	<3.10		10.0	3.10	ug/L			03/20/25 17:05	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			03/20/25 17:05	1
Benzene	<0.220		0.500	0.220	ug/L			03/20/25 17:05	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			03/20/25 17:05	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			03/20/25 17:05	1
Bromoform	<0.780		5.00	0.780	ug/L			03/20/25 17:05	1
Bromomethane	<1.10		4.00	1.10	ug/L			03/20/25 17:05	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			03/20/25 17:05	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			03/20/25 17:05	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			03/20/25 17:05	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			03/20/25 17:05	1
Chloroethane	<0.790		4.00	0.790	ug/L			03/20/25 17:05	1
Chloroform	<1.30		3.00	1.30	ug/L			03/20/25 17:05	1
Chloromethane	<0.610		3.00	0.610	ug/L			03/20/25 17:05	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			03/20/25 17:05	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			03/20/25 17:05	1
Dibromomethane	<0.330		1.00	0.330	ug/L			03/20/25 17:05	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			03/20/25 17:05	1
Iodomethane	<7.00		10.0	7.00	ug/L			03/20/25 17:05	1
Methylene chloride	<1.70		5.00	1.70	ug/L			03/20/25 17:05	1
Styrene	<0.370		1.00	0.370	ug/L			03/20/25 17:05	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			03/20/25 17:05	1
Toluene	<0.430		1.00	0.430	ug/L			03/20/25 17:05	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			03/20/25 17:05	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			03/20/25 17:05	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			03/20/25 17:05	1
Trichloroethene	<0.430		1.00	0.430	ug/L			03/20/25 17:05	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			03/20/25 17:05	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			03/20/25 17:05	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			03/20/25 17:05	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			03/20/25 17:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*104*		*73 - 130*		*03/20/25 17:05*	*1*

Client Sample ID: FB-1_25_04

Date Collected: 03/18/25 16:45
Date Received: 03/19/25 15:30

Lab Sample ID: 310-302305-17

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*		*03/20/25 17:05*	*1*
4-Bromofluorobenzene (Surr)	*105*		*80 - 120*		*03/20/25 17:05*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
beta-BHC	<0.0375		0.0893	0.0375	ug/L		03/21/25 13:00	03/21/25 18:34	1
Heptachlor	<0.0205		0.0893	0.0205	ug/L		03/21/25 13:00	03/21/25 18:34	1
gamma-BHC (Lindane)	<0.00893		0.0893	0.00893	ug/L		03/21/25 13:00	03/21/25 18:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*105*		*10 - 136*	*03/21/25 13:00*	*03/21/25 18:34*	*1*
Tetrachloro-m-xylene	*75*		*10 - 130*	*03/21/25 13:00*	*03/21/25 18:34*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	<0.0247		0.0561	0.0247	ug/L		03/25/25 20:26	03/27/25 01:59	1
2,4-D	<0.280		0.673	0.280	ug/L		03/25/25 20:26	03/27/25 01:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid (Surr)	*137*		*34 - 142*	*03/25/25 20:26*	*03/27/25 01:59*	*1*
2,4-Dichlorophenylacetic acid (Surr)	*102*		*34 - 142*	*03/25/25 20:26*	*03/27/25 01:59*	*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		03/24/25 08:30	03/26/25 16:00	1
Arsenic	<0.000530		0.00200	0.000530	mg/L		03/24/25 08:30	03/26/25 16:00	1
Barium	<0.000660		0.00200	0.000660	mg/L		03/24/25 08:30	03/26/25 16:00	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		03/24/25 08:30	03/26/25 16:00	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		03/24/25 08:30	03/26/25 16:00	1
Chromium	<0.00120		0.00500	0.00120	mg/L		03/24/25 08:30	03/26/25 16:00	1
Cobalt	<0.000170		0.000500	0.000170	mg/L		03/24/25 08:30	03/26/25 16:00	1
Copper	<0.00180		0.00500	0.00180	mg/L		03/24/25 08:30	03/26/25 16:00	1
Lead	<0.000260		0.000500	0.000260	mg/L		03/24/25 08:30	03/26/25 16:00	1
Nickel	<0.00210		0.00500	0.00210	mg/L		03/24/25 08:30	03/26/25 16:00	1
Selenium	<0.00140		0.00500	0.00140	mg/L		03/24/25 08:30	03/26/25 16:00	1
Silver	<0.000500		0.00100	0.000500	mg/L		03/24/25 08:30	03/26/25 16:00	1
Thallium	<0.000570		0.00100	0.000570	mg/L		03/24/25 08:30	03/26/25 16:00	1
Vanadium	<0.00110		0.00500	0.00110	mg/L		03/24/25 08:30	03/26/25 16:00	1
Zinc	<0.00970		0.0200	0.00970	mg/L		03/24/25 08:30	03/26/25 16:00	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		03/23/25 18:15	03/24/25 02:06	1
Total Suspended Solids (USGS I-3765-85)	<3.50		5.00	3.50	mg/L			03/20/25 17:05	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-302305-1
SDG: 24C034.00

Client Sample ID: TB-1_25_04
Date Collected: 03/18/25 00:00
Date Received: 03/19/25 15:30

Lab Sample ID: 310-302305-18
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			03/20/25 17:27	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			03/20/25 17:27	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			03/20/25 17:27	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			03/20/25 17:27	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			03/20/25 17:27	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			03/20/25 17:27	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			03/20/25 17:27	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			03/20/25 17:27	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			03/20/25 17:27	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			03/20/25 17:27	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			03/20/25 17:27	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			03/20/25 17:27	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			03/20/25 17:27	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			03/20/25 17:27	1
2-Hexanone	<2.00		10.0	2.00	ug/L			03/20/25 17:27	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			03/20/25 17:27	1
Acetone	<3.10		10.0	3.10	ug/L			03/20/25 17:27	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			03/20/25 17:27	1
Benzene	<0.220		0.500	0.220	ug/L			03/20/25 17:27	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			03/20/25 17:27	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			03/20/25 17:27	1
Bromoform	<0.780		5.00	0.780	ug/L			03/20/25 17:27	1
Bromomethane	<1.10		4.00	1.10	ug/L			03/20/25 17:27	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			03/20/25 17:27	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			03/20/25 17:27	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			03/20/25 17:27	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			03/20/25 17:27	1
Chloroethane	<0.790		4.00	0.790	ug/L			03/20/25 17:27	1
Chloroform	<1.30		3.00	1.30	ug/L			03/20/25 17:27	1
Chloromethane	<0.610		3.00	0.610	ug/L			03/20/25 17:27	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			03/20/25 17:27	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			03/20/25 17:27	1
Dibromomethane	<0.330		1.00	0.330	ug/L			03/20/25 17:27	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			03/20/25 17:27	1
Iodomethane	<7.00		10.0	7.00	ug/L			03/20/25 17:27	1
Methylene chloride	<1.70		5.00	1.70	ug/L			03/20/25 17:27	1
Styrene	<0.370		1.00	0.370	ug/L			03/20/25 17:27	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			03/20/25 17:27	1
Toluene	<0.430		1.00	0.430	ug/L			03/20/25 17:27	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			03/20/25 17:27	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			03/20/25 17:27	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			03/20/25 17:27	1
Trichloroethene	<0.430		1.00	0.430	ug/L			03/20/25 17:27	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			03/20/25 17:27	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			03/20/25 17:27	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			03/20/25 17:27	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			03/20/25 17:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*105*		*73 - 130*		*03/20/25 17:27*	*1*

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-302305-1
SDG: 24C034.00

Client Sample ID: TB-1_25_04
Date Collected: 03/18/25 00:00
Date Received: 03/19/25 15:30

Lab Sample ID: 310-302305-18
Matrix: Water

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*96*		*80 - 120*		*03/20/25 17:27*	*1*
4-Bromofluorobenzene (Surr)	*105*		*80 - 120*		*03/20/25 17:27*	*1*

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-302305-1
SDG: 24C034.00

Client Sample ID: MW-204A_25_04
Date Collected: 03/17/25 18:05
Date Received: 03/19/25 15:30

Lab Sample ID: 310-302305-19
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			03/20/25 21:57	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			03/20/25 21:57	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			03/20/25 21:57	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			03/20/25 21:57	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			03/20/25 21:57	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			03/20/25 21:57	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			03/20/25 21:57	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			03/20/25 21:57	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			03/20/25 21:57	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			03/20/25 21:57	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			03/20/25 21:57	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			03/20/25 21:57	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			03/20/25 21:57	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			03/20/25 21:57	1
2-Hexanone	<2.00		10.0	2.00	ug/L			03/20/25 21:57	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			03/20/25 21:57	1
Acetone	<3.10		10.0	3.10	ug/L			03/20/25 21:57	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			03/20/25 21:57	1
Benzene	<0.220		0.500	0.220	ug/L			03/20/25 21:57	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			03/20/25 21:57	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			03/20/25 21:57	1
Bromoform	<0.780		5.00	0.780	ug/L			03/20/25 21:57	1
Bromomethane	<1.10		4.00	1.10	ug/L			03/20/25 21:57	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			03/20/25 21:57	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			03/20/25 21:57	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			03/20/25 21:57	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			03/20/25 21:57	1
Chloroethane	<0.790		4.00	0.790	ug/L			03/20/25 21:57	1
Chloroform	<1.30		3.00	1.30	ug/L			03/20/25 21:57	1
Chloromethane	<0.610		3.00	0.610	ug/L			03/20/25 21:57	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			03/20/25 21:57	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			03/20/25 21:57	1
Dibromomethane	<0.330		1.00	0.330	ug/L			03/20/25 21:57	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			03/20/25 21:57	1
Iodomethane	<7.00		10.0	7.00	ug/L			03/20/25 21:57	1
Methylene chloride	<1.70		5.00	1.70	ug/L			03/20/25 21:57	1
Styrene	<0.370		1.00	0.370	ug/L			03/20/25 21:57	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			03/20/25 21:57	1
Toluene	<0.430		1.00	0.430	ug/L			03/20/25 21:57	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			03/20/25 21:57	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			03/20/25 21:57	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			03/20/25 21:57	1
Trichloroethene	<0.430		1.00	0.430	ug/L			03/20/25 21:57	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			03/20/25 21:57	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			03/20/25 21:57	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			03/20/25 21:57	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			03/20/25 21:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*103*		*73 - 130*		*03/20/25 21:57*	*1*

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-302305-1
SDG: 24C034.00

Client Sample ID: MW-204A_25_04

Date Collected: 03/17/25 18:05
Date Received: 03/19/25 15:30

Lab Sample ID: 310-302305-19

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*		*03/20/25 21:57*	*1*
4-Bromofluorobenzene (Surr)	*106*		*80 - 120*		*03/20/25 21:57*	*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		03/24/25 08:30	03/26/25 16:03	1
Arsenic	<0.000530		0.00200	0.000530	mg/L		03/24/25 08:30	03/26/25 16:03	1
Barium	**0.0340**		0.00200	0.000660	mg/L		03/24/25 08:30	03/26/25 16:03	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		03/24/25 08:30	03/26/25 16:03	1
Cadmium	**0.000119**	**J**	0.000200	0.000100	mg/L		03/24/25 08:30	03/26/25 16:03	1
Chromium	<0.00120		0.00500	0.00120	mg/L		03/24/25 08:30	03/26/25 16:03	1
Cobalt	**0.000812**		0.000500	0.000170	mg/L		03/24/25 08:30	03/26/25 16:03	1
Copper	<0.00180		0.00500	0.00180	mg/L		03/24/25 08:30	03/26/25 16:03	1
Lead	<0.000260		0.000500	0.000260	mg/L		03/24/25 08:30	03/26/25 16:03	1
Nickel	**0.00365**	**J**	0.00500	0.00210	mg/L		03/24/25 08:30	03/26/25 16:03	1
Selenium	**0.00910**		0.00500	0.00140	mg/L		03/24/25 08:30	03/26/25 16:03	1
Silver	<0.000500		0.00100	0.000500	mg/L		03/24/25 08:30	03/26/25 16:03	1
Thallium	<0.000570		0.00100	0.000570	mg/L		03/24/25 08:30	03/26/25 16:03	1
Vanadium	**0.00472**	**J**	0.00500	0.00110	mg/L		03/24/25 08:30	03/26/25 16:03	1
Zinc	<0.00970		0.0200	0.00970	mg/L		03/24/25 08:30	03/26/25 16:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**4.50**		1.88	1.31	mg/L			03/20/25 17:05	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-302305-1
SDG: 24C034.00

Client Sample ID: MW-204B_25_04
Date Collected: 03/17/25 17:45
Date Received: 03/19/25 15:30

Lab Sample ID: 310-302305-20
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			03/20/25 22:20	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			03/20/25 22:20	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			03/20/25 22:20	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			03/20/25 22:20	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			03/20/25 22:20	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			03/20/25 22:20	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			03/20/25 22:20	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			03/20/25 22:20	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			03/20/25 22:20	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			03/20/25 22:20	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			03/20/25 22:20	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			03/20/25 22:20	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			03/20/25 22:20	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			03/20/25 22:20	1
2-Hexanone	<2.00		10.0	2.00	ug/L			03/20/25 22:20	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			03/20/25 22:20	1
Acetone	<3.10		10.0	3.10	ug/L			03/20/25 22:20	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			03/20/25 22:20	1
Benzene	<0.220		0.500	0.220	ug/L			03/20/25 22:20	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			03/20/25 22:20	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			03/20/25 22:20	1
Bromoform	<0.780		5.00	0.780	ug/L			03/20/25 22:20	1
Bromomethane	<1.10		4.00	1.10	ug/L			03/20/25 22:20	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			03/20/25 22:20	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			03/20/25 22:20	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			03/20/25 22:20	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			03/20/25 22:20	1
Chloroethane	<0.790		4.00	0.790	ug/L			03/20/25 22:20	1
Chloroform	<1.30		3.00	1.30	ug/L			03/20/25 22:20	1
Chloromethane	<0.610		3.00	0.610	ug/L			03/20/25 22:20	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			03/20/25 22:20	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			03/20/25 22:20	1
Dibromomethane	<0.330		1.00	0.330	ug/L			03/20/25 22:20	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			03/20/25 22:20	1
Iodomethane	<7.00		10.0	7.00	ug/L			03/20/25 22:20	1
Methylene chloride	<1.70		5.00	1.70	ug/L			03/20/25 22:20	1
Styrene	<0.370		1.00	0.370	ug/L			03/20/25 22:20	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			03/20/25 22:20	1
Toluene	<0.430		1.00	0.430	ug/L			03/20/25 22:20	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			03/20/25 22:20	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			03/20/25 22:20	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			03/20/25 22:20	1
Trichloroethene	<0.430		1.00	0.430	ug/L			03/20/25 22:20	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			03/20/25 22:20	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			03/20/25 22:20	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			03/20/25 22:20	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			03/20/25 22:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*100*		*73 - 130*		*03/20/25 22:20*	*1*

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-302305-1
SDG: 24C034.00

Client Sample ID: MW-204B_25_04

Date Collected: 03/17/25 17:45
Date Received: 03/19/25 15:30

Lab Sample ID: 310-302305-20

Matrix: Water

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*96*		*80 - 120*		*03/20/25 22:20*	*1*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*		*03/20/25 22:20*	*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		03/24/25 08:30	03/26/25 16:05	1
Arsenic	**0.000988**	**J**	0.00200	0.000530	mg/L		03/24/25 08:30	03/26/25 16:05	1
Barium	**0.0226**		0.00200	0.000660	mg/L		03/24/25 08:30	03/26/25 16:05	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		03/24/25 08:30	03/26/25 16:05	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		03/24/25 08:30	03/26/25 16:05	1
Chromium	<0.00120		0.00500	0.00120	mg/L		03/24/25 08:30	03/26/25 16:05	1
Cobalt	**0.0130**		0.000500	0.000170	mg/L		03/24/25 08:30	03/26/25 16:05	1
Copper	<0.00180		0.00500	0.00180	mg/L		03/24/25 08:30	03/26/25 16:05	1
Lead	<0.000260		0.000500	0.000260	mg/L		03/24/25 08:30	03/26/25 16:05	1
Nickel	**0.00695**		0.00500	0.00210	mg/L		03/24/25 08:30	03/26/25 16:05	1
Selenium	<0.00140		0.00500	0.00140	mg/L		03/24/25 08:30	03/26/25 16:05	1
Silver	<0.000500		0.00100	0.000500	mg/L		03/24/25 08:30	03/26/25 16:05	1
Thallium	<0.000570		0.00100	0.000570	mg/L		03/24/25 08:30	03/26/25 16:05	1
Vanadium	<0.00110		0.00500	0.00110	mg/L		03/24/25 08:30	03/26/25 16:05	1
Zinc	<0.00970		0.0200	0.00970	mg/L		03/24/25 08:30	03/26/25 16:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**17.9**		1.88	1.31	mg/L			03/20/25 17:05	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-302305-1
SDG: 24C034.00

Client Sample ID: MW-213A_25_04
Date Collected: 03/17/25 15:45
Date Received: 03/19/25 15:30

Lab Sample ID: 310-302305-21
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			03/20/25 22:42	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			03/20/25 22:42	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			03/20/25 22:42	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			03/20/25 22:42	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			03/20/25 22:42	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			03/20/25 22:42	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			03/20/25 22:42	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			03/20/25 22:42	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			03/20/25 22:42	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			03/20/25 22:42	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			03/20/25 22:42	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			03/20/25 22:42	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			03/20/25 22:42	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			03/20/25 22:42	1
2-Hexanone	<2.00		10.0	2.00	ug/L			03/20/25 22:42	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			03/20/25 22:42	1
Acetone	<3.10		10.0	3.10	ug/L			03/20/25 22:42	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			03/20/25 22:42	1
Benzene	<0.220		0.500	0.220	ug/L			03/20/25 22:42	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			03/20/25 22:42	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			03/20/25 22:42	1
Bromoform	<0.780		5.00	0.780	ug/L			03/20/25 22:42	1
Bromomethane	<1.10		4.00	1.10	ug/L			03/20/25 22:42	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			03/20/25 22:42	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			03/20/25 22:42	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			03/20/25 22:42	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			03/20/25 22:42	1
Chloroethane	<0.790		4.00	0.790	ug/L			03/20/25 22:42	1
Chloroform	<1.30		3.00	1.30	ug/L			03/20/25 22:42	1
Chloromethane	<0.610		3.00	0.610	ug/L			03/20/25 22:42	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			03/20/25 22:42	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			03/20/25 22:42	1
Dibromomethane	<0.330		1.00	0.330	ug/L			03/20/25 22:42	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			03/20/25 22:42	1
Iodomethane	<7.00		10.0	7.00	ug/L			03/20/25 22:42	1
Methylene chloride	<1.70		5.00	1.70	ug/L			03/20/25 22:42	1
Styrene	<0.370		1.00	0.370	ug/L			03/20/25 22:42	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			03/20/25 22:42	1
Toluene	<0.430		1.00	0.430	ug/L			03/20/25 22:42	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			03/20/25 22:42	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			03/20/25 22:42	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			03/20/25 22:42	1
Trichloroethene	<0.430		1.00	0.430	ug/L			03/20/25 22:42	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			03/20/25 22:42	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			03/20/25 22:42	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			03/20/25 22:42	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			03/20/25 22:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*102*		*73 - 130*		*03/20/25 22:42*	*1*

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-302305-1
SDG: 24C034.00

Client Sample ID: MW-213A_25_04
Date Collected: 03/17/25 15:45
Date Received: 03/19/25 15:30

Lab Sample ID: 310-302305-21
Matrix: Water

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*96*		*80 - 120*		*03/20/25 22:42*	*1*
4-Bromofluorobenzene (Surr)	*104*		*80 - 120*		*03/20/25 22:42*	*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		03/25/25 09:00	03/26/25 18:19	1
Arsenic	<0.000530		0.00200	0.000530	mg/L		03/25/25 09:00	03/26/25 18:19	1
Barium	**0.0712**		0.00200	0.000660	mg/L		03/25/25 09:00	03/26/25 18:19	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		03/25/25 09:00	03/26/25 18:19	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		03/25/25 09:00	03/26/25 18:19	1
Chromium	<0.00120		0.00500	0.00120	mg/L		03/25/25 09:00	03/26/25 18:19	1
Cobalt	**0.00956**		0.000500	0.000170	mg/L		03/25/25 09:00	03/26/25 18:19	1
Copper	<0.00180		0.00500	0.00180	mg/L		03/25/25 09:00	03/26/25 18:19	1
Lead	<0.000260		0.000500	0.000260	mg/L		03/25/25 09:00	03/26/25 18:19	1
Nickel	**0.00496**	**J**	0.00500	0.00210	mg/L		03/25/25 09:00	03/26/25 18:19	1
Selenium	<0.00140		0.00500	0.00140	mg/L		03/25/25 09:00	03/26/25 18:19	1
Silver	<0.000500		0.00100	0.000500	mg/L		03/25/25 09:00	03/26/25 18:19	1
Thallium	<0.000570		0.00100	0.000570	mg/L		03/25/25 09:00	03/26/25 18:19	1
Vanadium	<0.00110		0.00500	0.00110	mg/L		03/25/25 09:00	03/26/25 18:19	1
Zinc	<0.00970		0.0200	0.00970	mg/L		03/25/25 09:00	03/26/25 18:19	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			03/20/25 17:05	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-302305-1
SDG: 24C034.00

Client Sample ID: MW-213B_25_04
Date Collected: 03/17/25 16:45
Date Received: 03/19/25 15:30

Lab Sample ID: 310-302305-22
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			03/20/25 23:05	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			03/20/25 23:05	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			03/20/25 23:05	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			03/20/25 23:05	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			03/20/25 23:05	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			03/20/25 23:05	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			03/20/25 23:05	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			03/20/25 23:05	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			03/20/25 23:05	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			03/20/25 23:05	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			03/20/25 23:05	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			03/20/25 23:05	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			03/20/25 23:05	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			03/20/25 23:05	1
2-Hexanone	<2.00		10.0	2.00	ug/L			03/20/25 23:05	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			03/20/25 23:05	1
Acetone	<3.10		10.0	3.10	ug/L			03/20/25 23:05	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			03/20/25 23:05	1
Benzene	<0.220		0.500	0.220	ug/L			03/20/25 23:05	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			03/20/25 23:05	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			03/20/25 23:05	1
Bromoform	<0.780		5.00	0.780	ug/L			03/20/25 23:05	1
Bromomethane	<1.10		4.00	1.10	ug/L			03/20/25 23:05	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			03/20/25 23:05	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			03/20/25 23:05	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			03/20/25 23:05	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			03/20/25 23:05	1
Chloroethane	<0.790		4.00	0.790	ug/L			03/20/25 23:05	1
Chloroform	<1.30		3.00	1.30	ug/L			03/20/25 23:05	1
Chloromethane	<0.610		3.00	0.610	ug/L			03/20/25 23:05	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			03/20/25 23:05	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			03/20/25 23:05	1
Dibromomethane	<0.330		1.00	0.330	ug/L			03/20/25 23:05	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			03/20/25 23:05	1
Iodomethane	<7.00		10.0	7.00	ug/L			03/20/25 23:05	1
Methylene chloride	<1.70		5.00	1.70	ug/L			03/20/25 23:05	1
Styrene	<0.370		1.00	0.370	ug/L			03/20/25 23:05	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			03/20/25 23:05	1
Toluene	<0.430		1.00	0.430	ug/L			03/20/25 23:05	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			03/20/25 23:05	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			03/20/25 23:05	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			03/20/25 23:05	1
Trichloroethene	<0.430		1.00	0.430	ug/L			03/20/25 23:05	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			03/20/25 23:05	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			03/20/25 23:05	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			03/20/25 23:05	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			03/20/25 23:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*100*		*73 - 130*		*03/20/25 23:05*	*1*

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-302305-1
SDG: 24C034.00

Client Sample ID: MW-213B_25_04
Date Collected: 03/17/25 16:45
Date Received: 03/19/25 15:30

Lab Sample ID: 310-302305-22
Matrix: Water

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*97*		*80 - 120*		*03/20/25 23:05*	*1*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*		*03/20/25 23:05*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.00115**	**J**	0.00200	0.00100	mg/L		03/25/25 09:00	03/26/25 18:16	1
Arsenic	**0.000951**	**J**	0.00200	0.000530	mg/L		03/25/25 09:00	03/26/25 18:16	1
Barium	**0.0969**		0.00200	0.000660	mg/L		03/25/25 09:00	03/26/25 18:16	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		03/25/25 09:00	03/26/25 18:16	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		03/25/25 09:00	03/26/25 18:16	1
Chromium	<0.00120		0.00500	0.00120	mg/L		03/25/25 09:00	03/26/25 18:16	1
Cobalt	<0.000170		0.000500	0.000170	mg/L		03/25/25 09:00	03/26/25 18:16	1
Copper	<0.00180		0.00500	0.00180	mg/L		03/25/25 09:00	03/26/25 18:16	1
Lead	**0.000536**		0.000500	0.000260	mg/L		03/25/25 09:00	03/26/25 18:16	1
Nickel	<0.00210		0.00500	0.00210	mg/L		03/25/25 09:00	03/26/25 18:16	1
Selenium	<0.00140		0.00500	0.00140	mg/L		03/25/25 09:00	03/26/25 18:16	1
Silver	<0.000500		0.00100	0.000500	mg/L		03/25/25 09:00	03/26/25 18:16	1
Thallium	**0.000801**	**J**	0.00100	0.000570	mg/L		03/25/25 09:00	03/26/25 18:16	1
Vanadium	<0.00110		0.00500	0.00110	mg/L		03/25/25 09:00	03/26/25 18:16	1
Zinc	<0.00970		0.0200	0.00970	mg/L		03/25/25 09:00	03/26/25 18:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**5.25**		1.88	1.31	mg/L			03/20/25 17:05	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-302305-1
SDG: 24C034.00

Client Sample ID: MW-214_25_04
Date Collected: 03/17/25 14:05
Date Received: 03/19/25 15:30

Lab Sample ID: 310-302305-23
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			03/20/25 23:27	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			03/20/25 23:27	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			03/20/25 23:27	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			03/20/25 23:27	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			03/20/25 23:27	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			03/20/25 23:27	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			03/20/25 23:27	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			03/20/25 23:27	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			03/20/25 23:27	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			03/20/25 23:27	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			03/20/25 23:27	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			03/20/25 23:27	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			03/20/25 23:27	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			03/20/25 23:27	1
2-Hexanone	<2.00		10.0	2.00	ug/L			03/20/25 23:27	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			03/20/25 23:27	1
Acetone	<3.10		10.0	3.10	ug/L			03/20/25 23:27	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			03/20/25 23:27	1
Benzene	<0.220		0.500	0.220	ug/L			03/20/25 23:27	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			03/20/25 23:27	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			03/20/25 23:27	1
Bromoform	<0.780		5.00	0.780	ug/L			03/20/25 23:27	1
Bromomethane	<1.10		4.00	1.10	ug/L			03/20/25 23:27	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			03/20/25 23:27	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			03/20/25 23:27	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			03/20/25 23:27	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			03/20/25 23:27	1
Chloroethane	<0.790		4.00	0.790	ug/L			03/20/25 23:27	1
Chloroform	<1.30		3.00	1.30	ug/L			03/20/25 23:27	1
Chloromethane	<0.610		3.00	0.610	ug/L			03/20/25 23:27	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			03/20/25 23:27	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			03/20/25 23:27	1
Dibromomethane	<0.330		1.00	0.330	ug/L			03/20/25 23:27	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			03/20/25 23:27	1
Iodomethane	<7.00		10.0	7.00	ug/L			03/20/25 23:27	1
Methylene chloride	<1.70		5.00	1.70	ug/L			03/20/25 23:27	1
Styrene	<0.370		1.00	0.370	ug/L			03/20/25 23:27	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			03/20/25 23:27	1
Toluene	<0.430		1.00	0.430	ug/L			03/20/25 23:27	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			03/20/25 23:27	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			03/20/25 23:27	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			03/20/25 23:27	1
Trichloroethene	<0.430		1.00	0.430	ug/L			03/20/25 23:27	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			03/20/25 23:27	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			03/20/25 23:27	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			03/20/25 23:27	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			03/20/25 23:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*101*		*73 - 130*		*03/20/25 23:27*	*1*

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-302305-1
SDG: 24C034.00

Client Sample ID: MW-214_25_04
Date Collected: 03/17/25 14:05
Date Received: 03/19/25 15:30

Lab Sample ID: 310-302305-23
Matrix: Water

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*96*		*80 - 120*		*03/20/25 23:27*	*1*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*		*03/20/25 23:27*	*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		03/25/25 09:00	03/26/25 18:21	1
Arsenic	<0.000530		0.00200	0.000530	mg/L		03/25/25 09:00	03/26/25 18:21	1
Barium	**0.0579**		0.00200	0.000660	mg/L		03/25/25 09:00	03/26/25 18:21	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		03/25/25 09:00	03/26/25 18:21	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		03/25/25 09:00	03/26/25 18:21	1
Chromium	<0.00120		0.00500	0.00120	mg/L		03/25/25 09:00	03/26/25 18:21	1
Cobalt	<0.000170		0.000500	0.000170	mg/L		03/25/25 09:00	03/26/25 18:21	1
Copper	<0.00180		0.00500	0.00180	mg/L		03/25/25 09:00	03/26/25 18:21	1
Lead	<0.000260		0.000500	0.000260	mg/L		03/25/25 09:00	03/26/25 18:21	1
Nickel	<0.00210		0.00500	0.00210	mg/L		03/25/25 09:00	03/26/25 18:21	1
Selenium	**0.00409**	**J**	0.00500	0.00140	mg/L		03/25/25 09:00	03/26/25 18:21	1
Silver	<0.000500		0.00100	0.000500	mg/L		03/25/25 09:00	03/26/25 18:21	1
Thallium	<0.000570		0.00100	0.000570	mg/L		03/25/25 09:00	03/26/25 18:21	1
Vanadium	<0.00110		0.00500	0.00110	mg/L		03/25/25 09:00	03/26/25 18:21	1
Zinc	<0.00970		0.0200	0.00970	mg/L		03/25/25 09:00	03/26/25 18:21	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			03/20/25 19:09	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-302305-1
SDG: 24C034.00

Client Sample ID: MW-215_25_04
Date Collected: 03/17/25 14:05
Date Received: 03/19/25 15:30

Lab Sample ID: 310-302305-24
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			03/20/25 23:50	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			03/20/25 23:50	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			03/20/25 23:50	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			03/20/25 23:50	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			03/20/25 23:50	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			03/20/25 23:50	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			03/20/25 23:50	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			03/20/25 23:50	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			03/20/25 23:50	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			03/20/25 23:50	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			03/20/25 23:50	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			03/20/25 23:50	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			03/20/25 23:50	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			03/20/25 23:50	1
2-Hexanone	<2.00		10.0	2.00	ug/L			03/20/25 23:50	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			03/20/25 23:50	1
Acetone	<3.10		10.0	3.10	ug/L			03/20/25 23:50	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			03/20/25 23:50	1
Benzene	<0.220		0.500	0.220	ug/L			03/20/25 23:50	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			03/20/25 23:50	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			03/20/25 23:50	1
Bromoform	<0.780		5.00	0.780	ug/L			03/20/25 23:50	1
Bromomethane	<1.10		4.00	1.10	ug/L			03/20/25 23:50	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			03/20/25 23:50	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			03/20/25 23:50	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			03/20/25 23:50	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			03/20/25 23:50	1
Chloroethane	<0.790		4.00	0.790	ug/L			03/20/25 23:50	1
Chloroform	<1.30		3.00	1.30	ug/L			03/20/25 23:50	1
Chloromethane	<0.610		3.00	0.610	ug/L			03/20/25 23:50	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			03/20/25 23:50	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			03/20/25 23:50	1
Dibromomethane	<0.330		1.00	0.330	ug/L			03/20/25 23:50	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			03/20/25 23:50	1
Iodomethane	<7.00		10.0	7.00	ug/L			03/20/25 23:50	1
Methylene chloride	<1.70		5.00	1.70	ug/L			03/20/25 23:50	1
Styrene	<0.370		1.00	0.370	ug/L			03/20/25 23:50	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			03/20/25 23:50	1
Toluene	<0.430		1.00	0.430	ug/L			03/20/25 23:50	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			03/20/25 23:50	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			03/20/25 23:50	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			03/20/25 23:50	1
Trichloroethene	<0.430		1.00	0.430	ug/L			03/20/25 23:50	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			03/20/25 23:50	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			03/20/25 23:50	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			03/20/25 23:50	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			03/20/25 23:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*101*		*73 - 130*		*03/20/25 23:50*	*1*

Client Sample ID: MW-215_25_04
Date Collected: 03/17/25 14:05
Date Received: 03/19/25 15:30

Lab Sample ID: 310-302305-24
Matrix: Water

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*95*		*80 - 120*		*03/20/25 23:50*	*1*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*		*03/20/25 23:50*	*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		03/25/25 09:00	03/26/25 18:26	1
Arsenic	<0.000530		0.00200	0.000530	mg/L		03/25/25 09:00	03/26/25 18:26	1
Barium	**0.131**		0.00200	0.000660	mg/L		03/25/25 09:00	03/26/25 18:26	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		03/25/25 09:00	03/26/25 18:26	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		03/25/25 09:00	03/26/25 18:26	1
Chromium	<0.00120		0.00500	0.00120	mg/L		03/25/25 09:00	03/26/25 18:26	1
Cobalt	<0.000170		0.000500	0.000170	mg/L		03/25/25 09:00	03/26/25 18:26	1
Copper	<0.00180		0.00500	0.00180	mg/L		03/25/25 09:00	03/26/25 18:26	1
Lead	<0.000260		0.000500	0.000260	mg/L		03/25/25 09:00	03/26/25 18:26	1
Nickel	<0.00210		0.00500	0.00210	mg/L		03/25/25 09:00	03/26/25 18:26	1
Selenium	<0.00140		0.00500	0.00140	mg/L		03/25/25 09:00	03/26/25 18:26	1
Silver	<0.000500		0.00100	0.000500	mg/L		03/25/25 09:00	03/26/25 18:26	1
Thallium	<0.000570		0.00100	0.000570	mg/L		03/25/25 09:00	03/26/25 18:26	1
Vanadium	<0.00110		0.00500	0.00110	mg/L		03/25/25 09:00	03/26/25 18:26	1
Zinc	<0.00970		0.0200	0.00970	mg/L		03/25/25 09:00	03/26/25 18:26	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			03/20/25 17:05	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-302305-1
SDG: 24C034.00

Client Sample ID: MW-218_25_04
Date Collected: 03/18/25 09:20
Date Received: 03/19/25 15:30

Lab Sample ID: 310-302305-25
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			03/21/25 00:12	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			03/21/25 00:12	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			03/21/25 00:12	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			03/21/25 00:12	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			03/21/25 00:12	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			03/21/25 00:12	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			03/21/25 00:12	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			03/21/25 00:12	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			03/21/25 00:12	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			03/21/25 00:12	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			03/21/25 00:12	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			03/21/25 00:12	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			03/21/25 00:12	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			03/21/25 00:12	1
2-Hexanone	<2.00		10.0	2.00	ug/L			03/21/25 00:12	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			03/21/25 00:12	1
Acetone	<3.10		10.0	3.10	ug/L			03/21/25 00:12	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			03/21/25 00:12	1
Benzene	<0.220		0.500	0.220	ug/L			03/21/25 00:12	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			03/21/25 00:12	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			03/21/25 00:12	1
Bromoform	<0.780		5.00	0.780	ug/L			03/21/25 00:12	1
Bromomethane	<1.10		4.00	1.10	ug/L			03/21/25 00:12	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			03/21/25 00:12	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			03/21/25 00:12	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			03/21/25 00:12	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			03/21/25 00:12	1
Chloroethane	<0.790		4.00	0.790	ug/L			03/21/25 00:12	1
Chloroform	<1.30		3.00	1.30	ug/L			03/21/25 00:12	1
Chloromethane	<0.610		3.00	0.610	ug/L			03/21/25 00:12	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			03/21/25 00:12	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			03/21/25 00:12	1
Dibromomethane	<0.330		1.00	0.330	ug/L			03/21/25 00:12	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			03/21/25 00:12	1
Iodomethane	<7.00		10.0	7.00	ug/L			03/21/25 00:12	1
Methylene chloride	<1.70		5.00	1.70	ug/L			03/21/25 00:12	1
Styrene	<0.370		1.00	0.370	ug/L			03/21/25 00:12	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			03/21/25 00:12	1
Toluene	<0.430		1.00	0.430	ug/L			03/21/25 00:12	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			03/21/25 00:12	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			03/21/25 00:12	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			03/21/25 00:12	1
Trichloroethene	<0.430		1.00	0.430	ug/L			03/21/25 00:12	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			03/21/25 00:12	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			03/21/25 00:12	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			03/21/25 00:12	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			03/21/25 00:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*99*		*73 - 130*		*03/21/25 00:12*	*1*

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-302305-1
SDG: 24C034.00

Client Sample ID: MW-218_25_04

Date Collected: 03/18/25 09:20
Date Received: 03/19/25 15:30

Lab Sample ID: 310-302305-25

Matrix: Water

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*95*		*80 - 120*		*03/21/25 00:12*	*1*
4-Bromofluorobenzene (Surr)	*105*		*80 - 120*		*03/21/25 00:12*	*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		03/25/25 09:00	03/26/25 18:24	1
Arsenic	**0.000548**	**J**	0.00200	0.000530	mg/L		03/25/25 09:00	03/26/25 18:24	1
Barium	**0.187**		0.00200	0.000660	mg/L		03/25/25 09:00	03/26/25 18:24	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		03/25/25 09:00	03/26/25 18:24	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		03/25/25 09:00	03/26/25 18:24	1
Chromium	<0.00120		0.00500	0.00120	mg/L		03/25/25 09:00	03/26/25 18:24	1
Cobalt	<0.000170		0.000500	0.000170	mg/L		03/25/25 09:00	03/26/25 18:24	1
Copper	<0.00180		0.00500	0.00180	mg/L		03/25/25 09:00	03/26/25 18:24	1
Lead	<0.000260		0.000500	0.000260	mg/L		03/25/25 09:00	03/26/25 18:24	1
Nickel	<0.00210		0.00500	0.00210	mg/L		03/25/25 09:00	03/26/25 18:24	1
Selenium	**0.00651**		0.00500	0.00140	mg/L		03/25/25 09:00	03/26/25 18:24	1
Silver	<0.000500		0.00100	0.000500	mg/L		03/25/25 09:00	03/26/25 18:24	1
Thallium	<0.000570		0.00100	0.000570	mg/L		03/25/25 09:00	03/26/25 18:24	1
Vanadium	<0.00110		0.00500	0.00110	mg/L		03/25/25 09:00	03/26/25 18:24	1
Zinc	<0.00970		0.0200	0.00970	mg/L		03/25/25 09:00	03/26/25 18:24	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			03/20/25 17:05	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.

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.
F1	MS and/or MSD recovery exceeds control limits.
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: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-302305-1
SDG: 24C034.00

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)
310-302305-1	MW-9AR_25_04	101	96	104
310-302305-1 MS	MW-9AR_25_04	102	103	99
310-302305-1 MSD	MW-9AR_25_04	101	103	98
310-302305-2	MW-15_25_04	104	94	105
310-302305-3	MW-18_25_04	103	95	105
310-302305-4	MW-19_25_04	110	96	99
310-302305-4 MS	MW-19_25_04	93	99	97
310-302305-4 MSD	MW-19_25_04	92	99	101
310-302305-5	MW-24_25_04	105	96	106
310-302305-6	MW-26A_25_04	105	95	100
310-302305-7	MW-29_25_04	96	99	91
310-302305-8	MW-30_25_04	98	96	94
310-302305-9	MW-300_25_04	101	95	105
310-302305-10	MW-301_25_04	102	97	109
310-302305-11	MW-302R_25_04	108	96	109
310-302305-12	MW-303_25_04	104	94	104
310-302305-13	MW-304R_25_04	105	97	104
310-302305-14	MW-305_25_04	100	94	104
310-302305-15	FD-1_25_04	103	95	106
310-302305-16	FD-2_25_04	100	95	104
310-302305-17	FB-1_25_04	104	94	105
310-302305-18	TB-1_25_04	105	96	105
310-302305-19	MW-204A_25_04	103	94	106
310-302305-20	MW-204B_25_04	100	96	103
310-302305-21	MW-213A_25_04	102	96	104
310-302305-22	MW-213B_25_04	100	97	101
310-302305-23	MW-214_25_04	101	96	101
310-302305-24	MW-215_25_04	101	95	103
310-302305-25	MW-218_25_04	99	95	105
310-302366-B-6 MS	Matrix Spike	99	97	110
310-302366-B-6 MSD	Matrix Spike Duplicate	95	96	104
LCS 310-449408/6	Lab Control Sample	100	103	98
LCS 310-449408/7	Lab Control Sample	109	95	107
LCS 310-449460/6	Lab Control Sample	93	101	99
LCS 310-449460/7	Lab Control Sample	110	97	103
LCS 310-449507/6	Lab Control Sample	102	95	103
MB 310-449408/5	Method Blank	104	95	104
MB 310-449460/5	Method Blank	106	94	101
MB 310-449507/5	Method Blank	101	95	95

Surrogate Legend

DBFM = Dibromofluoromethane (Surr)

TOL = Toluene-d8 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

Surrogate Summary

Client: Foth Infrastructure & Environment, LLC
Job ID: 310-302305-1
Project/Site: CRLCSWA Site 2 GW - Spring 2025
SDG: 24C034.00

Method: 8081B - Organochlorine Pesticides (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)									
		DCB1	TCX1								
Lab Sample ID	Client Sample ID	(10-136)	(10-130)								
310-302305-1	MW-9AR_25_04	106	86								
310-302305-12	MW-303_25_04	110	90								
310-302305-17	FB-1_25_04	105	75								
LB 310-449291/1-D	Method Blank	105	91								
LCS 310-449500/19-A	Lab Control Sample	108	66								
MB 310-449500/1-A	Method Blank	120	94								

Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)

TCX = Tetrachloro-m-xylene

Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Water **Prep Type: TCLP**

		Percent Surrogate Recovery (Acceptance Limits)									
		DCB1	TCX1								
Lab Sample ID	Client Sample ID	(10-136)	(10-130)								
310-301770-A-1-S MS	Matrix Spike	104	61								
310-301770-A-1-T MSD	Matrix Spike Duplicate	104	60								

Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)

TCX = Tetrachloro-m-xylene

Method: 8151A - Herbicides (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)									
		DCPAA1	DCPAA2								
Lab Sample ID	Client Sample ID	(34-142)	(34-142)								
310-302305-12	MW-303_25_04	112	91								
310-302305-17	FB-1_25_04	137	102								
LCS 410-621739/2-A	Lab Control Sample	114	113								
LCS 410-621739/2-A - DL	Lab Control Sample	99	117								
LCSD 410-621739/3-A	Lab Control Sample Dup	97	99								
LCSD 410-621739/3-A - DL	Lab Control Sample Dup	85	104								
MB 410-621739/1-A	Method Blank	111	91								

Surrogate Legend

DCPAA = 2,4-Dichlorophenylacetic acid (Surr)

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

Lab Sample ID: MB 310-449408/5
Matrix: Water
Analysis Batch: 449408

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			03/20/25 15:57	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			03/20/25 15:57	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			03/20/25 15:57	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			03/20/25 15:57	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			03/20/25 15:57	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			03/20/25 15:57	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			03/20/25 15:57	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			03/20/25 15:57	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			03/20/25 15:57	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			03/20/25 15:57	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			03/20/25 15:57	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			03/20/25 15:57	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			03/20/25 15:57	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			03/20/25 15:57	1
2-Hexanone	<2.00		10.0	2.00	ug/L			03/20/25 15:57	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			03/20/25 15:57	1
Acetone	<3.10		10.0	3.10	ug/L			03/20/25 15:57	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			03/20/25 15:57	1
Benzene	<0.220		0.500	0.220	ug/L			03/20/25 15:57	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			03/20/25 15:57	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			03/20/25 15:57	1
Bromoform	<0.780		5.00	0.780	ug/L			03/20/25 15:57	1
Bromomethane	<1.10		4.00	1.10	ug/L			03/20/25 15:57	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			03/20/25 15:57	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			03/20/25 15:57	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			03/20/25 15:57	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			03/20/25 15:57	1
Chloroethane	<0.790		4.00	0.790	ug/L			03/20/25 15:57	1
Chloroform	<1.30		3.00	1.30	ug/L			03/20/25 15:57	1
Chloromethane	<0.610		3.00	0.610	ug/L			03/20/25 15:57	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			03/20/25 15:57	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			03/20/25 15:57	1
Dibromomethane	<0.330		1.00	0.330	ug/L			03/20/25 15:57	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			03/20/25 15:57	1
Iodomethane	<7.00		10.0	7.00	ug/L			03/20/25 15:57	1
Methylene chloride	<1.70		5.00	1.70	ug/L			03/20/25 15:57	1
Styrene	<0.370		1.00	0.370	ug/L			03/20/25 15:57	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			03/20/25 15:57	1
Toluene	<0.430		1.00	0.430	ug/L			03/20/25 15:57	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			03/20/25 15:57	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			03/20/25 15:57	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			03/20/25 15:57	1
Trichloroethene	<0.430		1.00	0.430	ug/L			03/20/25 15:57	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			03/20/25 15:57	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			03/20/25 15:57	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			03/20/25 15:57	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			03/20/25 15:57	1

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

Lab Sample ID: MB 310-449408/5
Matrix: Water
Analysis Batch: 449408

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	*104*		*73 - 130*		*03/20/25 15:57*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*03/20/25 15:57*	*1*
4-Bromofluorobenzene (Surr)	*104*		*80 - 120*		*03/20/25 15:57*	*1*

Lab Sample ID: LCS 310-449408/6
Matrix: Water
Analysis Batch: 449408

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	18.87		ug/L		94	71 - 120
1,1,1-Trichloroethane	20.0	17.07		ug/L		85	73 - 129
1,1,2,2-Tetrachloroethane	20.0	17.44		ug/L		87	68 - 124
1,1,2-Trichloroethane	20.0	17.58		ug/L		88	73 - 123
1,1-Dichloroethane	20.0	18.04		ug/L		90	70 - 127
1,1-Dichloroethene	20.0	16.59		ug/L		83	63 - 132
1,2,3-Trichloropropane	20.0	17.07		ug/L		85	65 - 127
1,2-Dibromo-3-chloropropane	20.0	17.15		ug/L		86	50 - 150
1,2-Dibromoethane (EDB)	20.0	17.36		ug/L		87	75 - 125
1,2-Dichlorobenzene	20.0	17.62		ug/L		88	74 - 120
1,2-Dichloroethane	20.0	16.82		ug/L		84	71 - 125
1,2-Dichloropropane	20.0	16.73		ug/L		84	73 - 124
1,4-Dichlorobenzene	20.0	17.03		ug/L		85	72 - 120
2-Butanone (MEK)	40.0	32.47		ug/L		81	50 - 150
2-Hexanone	40.0	38.60		ug/L		97	60 - 140
4-Methyl-2-pentanone (MIBK)	40.0	36.81		ug/L		92	60 - 139
Acetone	40.0	37.66		ug/L		94	50 - 150
Acrylonitrile	200	180.1		ug/L		90	50 - 150
Benzene	20.0	17.85		ug/L		89	72 - 124
Bromochloromethane	20.0	16.69		ug/L		83	73 - 130
Bromodichloromethane	20.0	15.40		ug/L		77	74 - 122
Bromoform	20.0	16.44		ug/L		82	61 - 122
Carbon disulfide	20.0	18.01		ug/L		90	59 - 135
Carbon tetrachloride	20.0	17.44		ug/L		87	67 - 132
Chlorobenzene	20.0	17.05		ug/L		85	76 - 120
Chlorodibromomethane	20.0	16.57		ug/L		83	71 - 121
Chloroform	20.0	18.15		ug/L		91	72 - 125
cis-1,2-Dichloroethene	20.0	18.29		ug/L		91	74 - 123
cis-1,3-Dichloropropene	20.0	16.74		ug/L		84	71 - 125
Dibromomethane	20.0	17.67		ug/L		88	74 - 125
Ethylbenzene	20.0	16.92		ug/L		85	74 - 122
Iodomethane	20.0	14.02		ug/L		70	10 - 150
Methylene chloride	20.0	18.08		ug/L		90	50 - 150
Styrene	20.0	17.74		ug/L		89	74 - 121
Tetrachloroethene	20.0	18.89		ug/L		94	71 - 130
Toluene	20.0	18.21		ug/L		91	74 - 123
trans-1,2-Dichloroethene	20.0	17.77		ug/L		89	70 - 126
trans-1,3-Dichloropropene	20.0	17.83		ug/L		89	69 - 123
trans-1,4-Dichloro-2-butene	20.0	16.52		ug/L		83	50 - 150

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

Lab Sample ID: LCS 310-449408/6
Matrix: Water
Analysis Batch: 449408

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	16.22		ug/L		81	72 - 126		
Vinyl acetate			40.0	32.17		ug/L		80	50 - 150		
Xylenes, Total			40.0	34.25		ug/L		86	73 - 123		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*100*		*73 - 130*
Toluene-d8 (Surr)	*103*		*80 - 120*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*

Lab Sample ID: LCS 310-449408/7
Matrix: Water
Analysis Batch: 449408

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	16.65		ug/L		83	23 - 150		
Chloroethane			20.0	17.02		ug/L		85	54 - 136		
Chloromethane			20.0	17.25		ug/L		86	38 - 150		
Trichlorofluoromethane			20.0	17.31		ug/L		87	54 - 149		
Vinyl chloride			20.0	17.78		ug/L		89	56 - 140		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*109*		*73 - 130*
Toluene-d8 (Surr)	*95*		*80 - 120*
4-Bromofluorobenzene (Surr)	*107*		*80 - 120*

Lab Sample ID: 310-302305-1 MS
Matrix: Water
Analysis Batch: 449408

Client Sample ID: MW-9AR_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	21.34		ug/L		85	55 - 130		
1,1,1-Trichloroethane	<0.190		25.0	19.30		ug/L		77	52 - 130		
1,1,2,2-Tetrachloroethane	<0.470		25.0	19.10		ug/L		76	54 - 130		
1,1,2-Trichloroethane	<0.450		25.0	20.27		ug/L		81	58 - 130		
1,1-Dichloroethane	<0.220		25.0	22.10		ug/L		88	49 - 130		
1,1-Dichloroethene	<0.560		25.0	21.07		ug/L		84	37 - 132		
1,2,3-Trichloropropane	<0.590		25.0	19.56		ug/L		78	49 - 130		
1,2-Dibromo-3-chloropropane	<1.20		25.0	18.67		ug/L		75	38 - 150		
1,2-Dibromoethane (EDB)	<0.340		25.0	20.52		ug/L		82	60 - 130		
1,2-Dichlorobenzene	<0.370		25.0	21.22		ug/L		85	59 - 130		
1,2-Dichloroethane	<0.390		25.0	20.55		ug/L		82	51 - 130		
1,2-Dichloropropane	<0.270		25.0	18.75		ug/L		75	57 - 130		
1,4-Dichlorobenzene	<0.230		25.0	20.26		ug/L		81	57 - 130		
2-Butanone (MEK)	<2.10		50.0	31.14		ug/L		62	38 - 150		
2-Hexanone	<2.00		50.0	40.74		ug/L		81	46 - 140		
4-Methyl-2-pentanone (MIBK)	<2.10		50.0	42.06		ug/L		84	47 - 139		
Acetone	<3.10		50.0	44.12		ug/L		88	31 - 150		
Acrylonitrile	<2.20		250	223.2		ug/L		89	40 - 150		

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

Lab Sample ID: 310-302305-1 MS
Matrix: Water
Analysis Batch: 449408

Client Sample ID: MW-9AR_25_04
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.220		25.0	20.36		ug/L		81	46 - 130
Bromochloromethane	<0.540		25.0	22.14		ug/L		89	57 - 130
Bromodichloromethane	<0.390		25.0	18.11		ug/L		72	57 - 130
Bromoform	<0.780		25.0	18.80		ug/L		75	44 - 130
Carbon disulfide	<0.450		25.0	24.41		ug/L		98	38 - 135
Carbon tetrachloride	<0.650		25.0	19.27		ug/L		77	45 - 132
Chlorobenzene	<0.400		25.0	20.24		ug/L		81	59 - 130
Chlorodibromomethane	<0.750		25.0	19.51		ug/L		78	54 - 130
Chloroform	<1.30		25.0	22.00		ug/L		88	51 - 130
cis-1,2-Dichloroethene	<0.210		25.0	22.89		ug/L		92	45 - 130
cis-1,3-Dichloropropene	<0.250		25.0	18.76		ug/L		75	53 - 130
Dibromomethane	<0.330		25.0	21.39		ug/L		86	59 - 130
Ethylbenzene	<0.310		25.0	19.95		ug/L		80	45 - 130
Iodomethane	<7.00		25.0	20.53		ug/L		82	10 - 150
Methylene chloride	<1.70		25.0	23.00		ug/L		92	37 - 150
Styrene	<0.370		25.0	21.38		ug/L		86	47 - 130
Tetrachloroethene	<0.480		25.0	21.83		ug/L		87	47 - 130
Toluene	<0.430		25.0	22.03		ug/L		88	51 - 130
trans-1,2-Dichloroethene	<0.270		25.0	22.47		ug/L		90	48 - 130
trans-1,3-Dichloropropene	<0.560		25.0	19.70		ug/L		79	50 - 130
trans-1,4-Dichloro-2-butene	<1.10		25.0	18.69		ug/L		75	26 - 150
Trichloroethene	<0.430		25.0	18.52		ug/L		74	51 - 130
Vinyl acetate	<2.50		50.0	34.53		ug/L		69	29 - 150
Xylenes, Total	<0.400		50.0	40.93		ug/L		82	43 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*102*		*73 - 130*
Toluene-d8 (Surr)	*103*		*80 - 120*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*

Lab Sample ID: 310-302305-1 MSD
Matrix: Water
Analysis Batch: 449408

Client Sample ID: MW-9AR_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	22.16		ug/L		89	55 - 130	4	20
1,1,1-Trichloroethane	<0.190		25.0	19.48		ug/L		78	52 - 130	1	20
1,1,2,2-Tetrachloroethane	<0.470		25.0	19.90		ug/L		80	54 - 130	4	20
1,1,2-Trichloroethane	<0.450		25.0	20.45		ug/L		82	58 - 130	1	20
1,1-Dichloroethane	<0.220		25.0	21.74		ug/L		87	49 - 130	2	20
1,1-Dichloroethene	<0.560		25.0	19.46		ug/L		78	37 - 132	8	26
1,2,3-Trichloropropane	<0.590		25.0	19.99		ug/L		80	49 - 130	2	26
1,2-Dibromo-3-chloropropane	<1.20		25.0	19.60		ug/L		78	38 - 150	5	20
1,2-Dibromoethane (EDB)	<0.340		25.0	20.71		ug/L		83	60 - 130	1	20
1,2-Dichlorobenzene	<0.370		25.0	21.55		ug/L		86	59 - 130	2	20
1,2-Dichloroethane	<0.390		25.0	20.09		ug/L		80	51 - 130	2	20
1,2-Dichloropropane	<0.270		25.0	18.57		ug/L		74	57 - 130	1	20
1,4-Dichlorobenzene	<0.230		25.0	20.74		ug/L		83	57 - 130	2	20

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

Lab Sample ID: 310-302305-1 MSD
Matrix: Water
Analysis Batch: 449408

Client Sample ID: MW-9AR_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	33.29		ug/L		67	38 - 150	7	20
2-Hexanone	<2.00		50.0	42.38		ug/L		85	46 - 140	4	20
4-Methyl-2-pentanone (MIBK)	<2.10		50.0	42.81		ug/L		86	47 - 139	2	20
Acetone	<3.10		50.0	44.56		ug/L		89	31 - 150	1	29
Acrylonitrile	<2.20		250	219.4		ug/L		88	40 - 150	2	20
Benzene	<0.220		25.0	20.17		ug/L		81	46 - 130	1	20
Bromochloromethane	<0.540		25.0	21.06		ug/L		84	57 - 130	5	20
Bromodichloromethane	<0.390		25.0	19.14		ug/L		77	57 - 130	6	20
Bromoform	<0.780		25.0	19.13		ug/L		77	44 - 130	2	20
Carbon disulfide	<0.450		25.0	21.46		ug/L		86	38 - 135	13	30
Carbon tetrachloride	<0.650		25.0	20.58		ug/L		82	45 - 132	7	20
Chlorobenzene	<0.400		25.0	20.08		ug/L		80	59 - 130	1	20
Chlorodibromomethane	<0.750		25.0	20.41		ug/L		82	54 - 130	5	20
Chloroform	<1.30		25.0	21.61		ug/L		86	51 - 130	2	20
cis-1,2-Dichloroethene	<0.210		25.0	21.92		ug/L		88	45 - 130	4	20
cis-1,3-Dichloropropene	<0.250		25.0	19.28		ug/L		77	53 - 130	3	20
Dibromomethane	<0.330		25.0	21.49		ug/L		86	59 - 130	0	20
Ethylbenzene	<0.310		25.0	20.00		ug/L		80	45 - 130	0	20
Iodomethane	<7.00		25.0	21.87		ug/L		87	10 - 150	6	35
Methylene chloride	<1.70		25.0	22.40		ug/L		90	37 - 150	3	24
Styrene	<0.370		25.0	21.16		ug/L		85	47 - 130	1	20
Tetrachloroethene	<0.480		25.0	22.27		ug/L		89	47 - 130	2	20
Toluene	<0.430		25.0	21.96		ug/L		88	51 - 130	0	20
trans-1,2-Dichloroethene	<0.270		25.0	21.51		ug/L		86	48 - 130	4	22
trans-1,3-Dichloropropene	<0.560		25.0	20.88		ug/L		84	50 - 130	6	20
trans-1,4-Dichloro-2-butene	<1.10		25.0	18.75		ug/L		75	26 - 150	0	23
Trichloroethene	<0.430		25.0	18.33		ug/L		73	51 - 130	1	20
Vinyl acetate	<2.50		50.0	34.59		ug/L		69	29 - 150	0	23
Xylenes, Total	<0.400		50.0	40.80		ug/L		82	43 - 130	0	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*101*		*73 - 130*
Toluene-d8 (Surr)	*103*		*80 - 120*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*

Lab Sample ID: MB 310-449460/5
Matrix: Water
Analysis Batch: 449460

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			03/21/25 09:07	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			03/21/25 09:07	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			03/21/25 09:07	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			03/21/25 09:07	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			03/21/25 09:07	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			03/21/25 09:07	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			03/21/25 09:07	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			03/21/25 09:07	1

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

Lab Sample ID: MB 310-449460/5
Matrix: Water
Analysis Batch: 449460

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			03/21/25 09:07	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			03/21/25 09:07	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			03/21/25 09:07	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			03/21/25 09:07	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			03/21/25 09:07	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			03/21/25 09:07	1
2-Hexanone	<2.00		10.0	2.00	ug/L			03/21/25 09:07	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			03/21/25 09:07	1
Acetone	<3.10		10.0	3.10	ug/L			03/21/25 09:07	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			03/21/25 09:07	1
Benzene	<0.220		0.500	0.220	ug/L			03/21/25 09:07	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			03/21/25 09:07	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			03/21/25 09:07	1
Bromoform	<0.780		5.00	0.780	ug/L			03/21/25 09:07	1
Bromomethane	<1.10		4.00	1.10	ug/L			03/21/25 09:07	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			03/21/25 09:07	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			03/21/25 09:07	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			03/21/25 09:07	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			03/21/25 09:07	1
Chloroethane	<0.790		4.00	0.790	ug/L			03/21/25 09:07	1
Chloroform	<1.30		3.00	1.30	ug/L			03/21/25 09:07	1
Chloromethane	<0.610		3.00	0.610	ug/L			03/21/25 09:07	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			03/21/25 09:07	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			03/21/25 09:07	1
Dibromomethane	<0.330		1.00	0.330	ug/L			03/21/25 09:07	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			03/21/25 09:07	1
Iodomethane	<7.00		10.0	7.00	ug/L			03/21/25 09:07	1
Methylene chloride	<1.70		5.00	1.70	ug/L			03/21/25 09:07	1
Styrene	<0.370		1.00	0.370	ug/L			03/21/25 09:07	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			03/21/25 09:07	1
Toluene	<0.430		1.00	0.430	ug/L			03/21/25 09:07	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			03/21/25 09:07	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			03/21/25 09:07	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			03/21/25 09:07	1
Trichloroethene	<0.430		1.00	0.430	ug/L			03/21/25 09:07	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			03/21/25 09:07	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			03/21/25 09:07	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			03/21/25 09:07	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			03/21/25 09:07	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*106*		*73 - 130*		*03/21/25 09:07*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*03/21/25 09:07*	*1*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*		*03/21/25 09:07*	*1*

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

Lab Sample ID: LCS 310-449460/6
Matrix: Water
Analysis Batch: 449460

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	18.28		ug/L		91	71 - 120
1,1,1-Trichloroethane	20.0	19.29		ug/L		96	73 - 129
1,1,2,2-Tetrachloroethane	20.0	18.34		ug/L		92	68 - 124
1,1,2-Trichloroethane	20.0	18.34		ug/L		92	73 - 123
1,1-Dichloroethane	20.0	18.11		ug/L		91	70 - 127
1,1-Dichloroethene	20.0	19.99		ug/L		100	63 - 132
1,2,3-Trichloropropane	20.0	19.21		ug/L		96	65 - 127
1,2-Dibromo-3-chloropropane	20.0	18.47		ug/L		92	50 - 150
1,2-Dibromoethane (EDB)	20.0	18.66		ug/L		93	75 - 125
1,2-Dichlorobenzene	20.0	17.96		ug/L		90	74 - 120
1,2-Dichloroethane	20.0	19.32		ug/L		97	71 - 125
1,2-Dichloropropane	20.0	18.28		ug/L		91	73 - 124
1,4-Dichlorobenzene	20.0	17.36		ug/L		87	72 - 120
2-Butanone (MEK)	40.0	35.49		ug/L		89	50 - 150
2-Hexanone	40.0	34.71		ug/L		87	60 - 140
4-Methyl-2-pentanone (MIBK)	40.0	35.81		ug/L		90	60 - 139
Acetone	40.0	33.62		ug/L		84	50 - 150
Acrylonitrile	200	176.2		ug/L		88	50 - 150
Benzene	20.0	18.55		ug/L		93	72 - 124
Bromochloromethane	20.0	18.77		ug/L		94	73 - 130
Bromodichloromethane	20.0	18.21		ug/L		91	74 - 122
Bromoform	20.0	18.32		ug/L		92	61 - 122
Carbon disulfide	20.0	19.21		ug/L		96	59 - 135
Carbon tetrachloride	20.0	18.95		ug/L		95	67 - 132
Chlorobenzene	20.0	17.69		ug/L		88	76 - 120
Chlorodibromomethane	20.0	18.94		ug/L		95	71 - 121
Chloroform	20.0	18.44		ug/L		92	72 - 125
cis-1,2-Dichloroethene	20.0	17.40		ug/L		87	74 - 123
cis-1,3-Dichloropropene	20.0	18.15		ug/L		91	71 - 125
Dibromomethane	20.0	19.34		ug/L		97	74 - 125
Ethylbenzene	20.0	17.86		ug/L		89	74 - 122
Iodomethane	20.0	14.19		ug/L		71	10 - 150
Methylene chloride	20.0	18.70		ug/L		94	50 - 150
Styrene	20.0	17.31		ug/L		87	74 - 121
Tetrachloroethene	20.0	18.23		ug/L		91	71 - 130
Toluene	20.0	17.88		ug/L		89	74 - 123
trans-1,2-Dichloroethene	20.0	19.52		ug/L		98	70 - 126
trans-1,3-Dichloropropene	20.0	17.99		ug/L		90	69 - 123
trans-1,4-Dichloro-2-butene	20.0	18.58		ug/L		93	50 - 150
Trichloroethene	20.0	18.34		ug/L		92	72 - 126
Vinyl acetate	40.0	39.54		ug/L		99	50 - 150
Xylenes, Total	40.0	37.34		ug/L		93	73 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*93*		*73 - 130*
Toluene-d8 (Surr)	*101*		*80 - 120*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*

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

Lab Sample ID: LCS 310-449460/7
Matrix: Water
Analysis Batch: 449460

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	23 - 150		
Chloroethane			20.0	15.73		ug/L		79	54 - 136		
Chloromethane			20.0	16.94		ug/L		85	38 - 150		
Trichlorofluoromethane			20.0	16.22		ug/L		81	54 - 149		
Vinyl chloride			20.0	17.13		ug/L		86	56 - 140		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*110*		*73 - 130*
Toluene-d8 (Surr)	*97*		*80 - 120*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*

Lab Sample ID: 310-302305-4 MS
Matrix: Water
Analysis Batch: 449460

Client Sample ID: MW-19_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	22.23		ug/L		89	55 - 130		
1,1,1-Trichloroethane	<0.190		25.0	21.82		ug/L		87	52 - 130		
1,1,2,2-Tetrachloroethane	<0.470		25.0	21.73		ug/L		87	54 - 130		
1,1,2-Trichloroethane	<0.450		25.0	22.30		ug/L		89	58 - 130		
1,1-Dichloroethane	<0.220		25.0	20.93		ug/L		84	49 - 130		
1,1-Dichloroethene	<0.560		25.0	22.00		ug/L		88	37 - 132		
1,2,3-Trichloropropane	<0.590		25.0	22.55		ug/L		90	49 - 130		
1,2-Dibromo-3-chloropropane	<1.20		25.0	22.60		ug/L		90	38 - 150		
1,2-Dibromoethane (EDB)	<0.340		25.0	21.97		ug/L		88	60 - 130		
1,2-Dichlorobenzene	<0.370		25.0	21.06		ug/L		84	59 - 130		
1,2-Dichloroethane	<0.390		25.0	23.25		ug/L		93	51 - 130		
1,2-Dichloropropane	<0.270		25.0	22.19		ug/L		89	57 - 130		
1,4-Dichlorobenzene	0.729	J	25.0	21.14		ug/L		82	57 - 130		
2-Butanone (MEK)	<2.10		50.0	43.07		ug/L		86	38 - 150		
2-Hexanone	<2.00		50.0	42.56		ug/L		85	46 - 140		
4-Methyl-2-pentanone (MIBK)	<2.10		50.0	45.31		ug/L		91	47 - 139		
Acetone	<3.10		50.0	45.38		ug/L		91	31 - 150		
Acrylonitrile	<2.20		250	215.9		ug/L		86	40 - 150		
Benzene	<0.220		25.0	21.69		ug/L		87	46 - 130		
Bromochloromethane	<0.540		25.0	22.45		ug/L		90	57 - 130		
Bromodichloromethane	<0.390		25.0	21.78		ug/L		87	57 - 130		
Bromoform	<0.780		25.0	22.15		ug/L		89	44 - 130		
Carbon disulfide	<0.450		25.0	22.17		ug/L		89	38 - 135		
Carbon tetrachloride	<0.650		25.0	21.47		ug/L		86	45 - 132		
Chlorobenzene	<0.400		25.0	21.07		ug/L		84	59 - 130		
Chlorodibromomethane	<0.750		25.0	22.52		ug/L		90	54 - 130		
Chloroform	<1.30		25.0	21.72		ug/L		87	51 - 130		
cis-1,2-Dichloroethene	0.404	J	25.0	21.23		ug/L		83	45 - 130		
cis-1,3-Dichloropropene	<0.250		25.0	22.34		ug/L		89	53 - 130		
Dibromomethane	<0.330		25.0	23.14		ug/L		93	59 - 130		
Ethylbenzene	<0.310		25.0	20.48		ug/L		82	45 - 130		
Iodomethane	<7.00		25.0	18.04		ug/L		72	10 - 150		

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

Lab Sample ID: 310-302305-4 MS
Matrix: Water
Analysis Batch: 449460

Client Sample ID: MW-19_25_04
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Methylene chloride	<1.70		25.0	21.67		ug/L		87	37 - 150
Styrene	<0.370		25.0	21.41		ug/L		86	47 - 130
Tetrachloroethene	<0.480		25.0	20.61		ug/L		82	47 - 130
Toluene	<0.430		25.0	20.90		ug/L		84	51 - 130
trans-1,2-Dichloroethene	<0.270		25.0	22.70		ug/L		91	48 - 130
trans-1,3-Dichloropropene	<0.560		25.0	22.28		ug/L		89	50 - 130
trans-1,4-Dichloro-2-butene	<1.10		25.0	22.95		ug/L		92	26 - 150
Trichloroethene	<0.430		25.0	21.76		ug/L		87	51 - 130
Vinyl acetate	<2.50		50.0	50.41		ug/L		101	29 - 150
Xylenes, Total	<0.400		50.0	44.37		ug/L		89	43 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*93*		*73 - 130*
Toluene-d8 (Surr)	*99*		*80 - 120*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*

Lab Sample ID: 310-302305-4 MSD
Matrix: Water
Analysis Batch: 449460

Client Sample ID: MW-19_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	21.13		ug/L		85	55 - 130	5	20
1,1,1-Trichloroethane	<0.190		25.0	20.83		ug/L		83	52 - 130	5	20
1,1,2,2-Tetrachloroethane	<0.470		25.0	21.32		ug/L		85	54 - 130	2	20
1,1,2-Trichloroethane	<0.450		25.0	21.55		ug/L		86	58 - 130	3	20
1,1-Dichloroethane	<0.220		25.0	20.56		ug/L		82	49 - 130	2	20
1,1-Dichloroethene	<0.560		25.0	21.16		ug/L		85	37 - 132	4	26
1,2,3-Trichloropropane	<0.590		25.0	21.60		ug/L		86	49 - 130	4	26
1,2-Dibromo-3-chloropropane	<1.20		25.0	23.29		ug/L		93	38 - 150	3	20
1,2-Dibromoethane (EDB)	<0.340		25.0	21.76		ug/L		87	60 - 130	1	20
1,2-Dichlorobenzene	<0.370		25.0	21.28		ug/L		85	59 - 130	1	20
1,2-Dichloroethane	<0.390		25.0	22.11		ug/L		88	51 - 130	5	20
1,2-Dichloropropane	<0.270		25.0	21.39		ug/L		86	57 - 130	4	20
1,4-Dichlorobenzene	0.729	J	25.0	21.33		ug/L		82	57 - 130	1	20
2-Butanone (MEK)	<2.10		50.0	41.76		ug/L		84	38 - 150	3	20
2-Hexanone	<2.00		50.0	40.84		ug/L		82	46 - 140	4	20
4-Methyl-2-pentanone (MIBK)	<2.10		50.0	44.64		ug/L		89	47 - 139	1	20
Acetone	<3.10		50.0	43.13		ug/L		86	31 - 150	5	29
Acrylonitrile	<2.20		250	211.0		ug/L		84	40 - 150	2	20
Benzene	<0.220		25.0	20.82		ug/L		83	46 - 130	4	20
Bromochloromethane	<0.540		25.0	21.57		ug/L		86	57 - 130	4	20
Bromodichloromethane	<0.390		25.0	20.90		ug/L		84	57 - 130	4	20
Bromoform	<0.780		25.0	21.84		ug/L		87	44 - 130	1	20
Carbon disulfide	<0.450		25.0	20.31		ug/L		81	38 - 135	9	30
Carbon tetrachloride	<0.650		25.0	20.61		ug/L		82	45 - 132	4	20
Chlorobenzene	<0.400		25.0	20.52		ug/L		82	59 - 130	3	20
Chlorodibromomethane	<0.750		25.0	21.53		ug/L		86	54 - 130	4	20
Chloroform	<1.30		25.0	21.03		ug/L		84	51 - 130	3	20

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

Lab Sample ID: 310-302305-4 MSD
Matrix: Water
Analysis Batch: 449460

Client Sample ID: MW-19_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
cis-1,2-Dichloroethene	0.404	J	25.0	20.21		ug/L		79	45 - 130	5	20
cis-1,3-Dichloropropene	<0.250		25.0	21.79		ug/L		87	53 - 130	2	20
Dibromomethane	<0.330		25.0	21.99		ug/L		88	59 - 130	5	20
Ethylbenzene	<0.310		25.0	19.86		ug/L		79	45 - 130	3	20
Iodomethane	<7.00		25.0	18.44		ug/L		74	10 - 150	2	35
Methylene chloride	<1.70		25.0	21.61		ug/L		86	37 - 150	0	24
Styrene	<0.370		25.0	20.72		ug/L		83	47 - 130	3	20
Tetrachloroethene	<0.480		25.0	19.74		ug/L		79	47 - 130	4	20
Toluene	<0.430		25.0	19.85		ug/L		79	51 - 130	5	20
trans-1,2-Dichloroethene	<0.270		25.0	22.04		ug/L		88	48 - 130	3	22
trans-1,3-Dichloropropene	<0.560		25.0	21.09		ug/L		84	50 - 130	5	20
trans-1,4-Dichloro-2-butene	<1.10		25.0	22.88		ug/L		92	26 - 150	0	23
Trichloroethene	<0.430		25.0	20.75		ug/L		83	51 - 130	5	20
Vinyl acetate	<2.50		50.0	47.61		ug/L		95	29 - 150	6	23
Xylenes, Total	<0.400		50.0	43.54		ug/L		87	43 - 130	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*92*		*73 - 130*
Toluene-d8 (Surr)	*99*		*80 - 120*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*

Lab Sample ID: MB 310-449507/5
Matrix: Water
Analysis Batch: 449507

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.220		0.500	0.220	ug/L			03/22/25 01:33	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*101*		*73 - 130*		*03/22/25 01:33*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*03/22/25 01:33*	*1*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*		*03/22/25 01:33*	*1*

Lab Sample ID: LCS 310-449507/6
Matrix: Water
Analysis Batch: 449507

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	22.73		ug/L		114	72 - 124		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*102*		*73 - 130*
Toluene-d8 (Surr)	*95*		*80 - 120*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*

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

Lab Sample ID: 310-302366-B-6 MS
Matrix: Water
Analysis Batch: 449507

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.220		20.0	21.71		ug/L		109	46 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*99*		*73 - 130*
Toluene-d8 (Surr)	*97*		*80 - 120*
4-Bromofluorobenzene (Surr)	*110*		*80 - 120*

Lab Sample ID: 310-302366-B-6 MSD
Matrix: Water
Analysis Batch: 449507

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.220		20.0	21.60		ug/L		108	46 - 130	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*95*		*73 - 130*
Toluene-d8 (Surr)	*96*		*80 - 120*
4-Bromofluorobenzene (Surr)	*104*		*80 - 120*

Method: 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: LB 310-449291/1-D
Matrix: Water
Analysis Batch: 449471

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 449500

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
beta-BHC	<0.0384		0.0914	0.0384	ug/L		03/21/25 13:00	03/21/25 15:06	1
Heptachlor	<0.0210		0.0914	0.0210	ug/L		03/21/25 13:00	03/21/25 15:06	1
gamma-BHC (Lindane)	<0.00914		0.0914	0.00914	ug/L		03/21/25 13:00	03/21/25 15:06	1

Surrogate	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*105*		*10 - 136*	*03/21/25 13:00*	*03/21/25 15:06*	*1*
Tetrachloro-m-xylene	*91*		*10 - 130*	*03/21/25 13:00*	*03/21/25 15:06*	*1*

Lab Sample ID: MB 310-449500/1-A
Matrix: Water
Analysis Batch: 449471

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 449500

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
beta-BHC	<0.0413		0.0983	0.0413	ug/L		03/21/25 13:00	03/21/25 14:41	1
Heptachlor	<0.0226		0.0983	0.0226	ug/L		03/21/25 13:00	03/21/25 14:41	1
gamma-BHC (Lindane)	<0.00983		0.0983	0.00983	ug/L		03/21/25 13:00	03/21/25 14:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*120*		*10 - 136*	*03/21/25 13:00*	*03/21/25 14:41*	*1*
Tetrachloro-m-xylene	*94*		*10 - 130*	*03/21/25 13:00*	*03/21/25 14:41*	*1*

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 310-449500/19-A
Matrix: Water
Analysis Batch: 449471

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 449500

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
beta-BHC			2.81	2.513		ug/L		89	37 - 136		
Heptachlor			2.81	1.700		ug/L		61	27 - 120		
gamma-BHC (Lindane)			2.81	2.681		ug/L		95	36 - 132		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*108*		*10 - 136*
Tetrachloro-m-xylene	*66*		*10 - 130*

Lab Sample ID: 310-301770-A-1-S MS
Matrix: Water
Analysis Batch: 449471

Client Sample ID: Matrix Spike
Prep Type: TCLP
Prep Batch: 449500

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
beta-BHC	<0.0380		2.59	2.492		ug/L		96	37 - 136		
Heptachlor	<0.0208		2.59	2.059		ug/L		79	27 - 120		
gamma-BHC (Lindane)	<0.00904		2.59	2.589		ug/L		100	36 - 132		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*104*		*10 - 136*
Tetrachloro-m-xylene	*61*		*10 - 130*

Lab Sample ID: 310-301770-A-1-T MSD
Matrix: Water
Analysis Batch: 449471

Client Sample ID: Matrix Spike Duplicate
Prep Type: TCLP
Prep Batch: 449500

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
beta-BHC	<0.0380		2.59	2.592		ug/L		100	37 - 136	4	35
Heptachlor	<0.0208		2.59	2.031		ug/L		78	27 - 120	1	35
gamma-BHC (Lindane)	<0.00904		2.59	2.623		ug/L		101	36 - 132	1	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*104*		*10 - 136*
Tetrachloro-m-xylene	*60*		*10 - 130*

Method: 8151A - Herbicides (GC)

Lab Sample ID: MB 410-621739/1-A
Matrix: Water
Analysis Batch: 621774

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 621739

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	<0.0220		0.0500	0.0220	ug/L		03/25/25 20:26	03/26/25 22:26	1
2,4-D	<0.250		0.600	0.250	ug/L		03/25/25 20:26	03/26/25 22:26	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid (Surr)	*111*		*34 - 142*	*03/25/25 20:26*	*03/26/25 22:26*	*1*
2,4-Dichlorophenylacetic acid (Surr)	*91*		*34 - 142*	*03/25/25 20:26*	*03/26/25 22:26*	*1*

Method: 8151A - Herbicides (GC) (Continued)

Lab Sample ID: LCS 410-621739/2-A
Matrix: Water
Analysis Batch: 621774

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 621739

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
2,4-D			2.00	2.228		ug/L		111	53 - 159		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid (Surr)	*114*		*34 - 142*
2,4-Dichlorophenylacetic acid (Surr)	*113*		*34 - 142*

Lab Sample ID: LCSD 410-621739/3-A
Matrix: Water
Analysis Batch: 621774

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 621739

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4-D			2.00	1.967		ug/L		98	53 - 159	12	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid (Surr)	*97*		*34 - 142*
2,4-Dichlorophenylacetic acid (Surr)	*99*		*34 - 142*

Method: 8151A - Herbicides (GC) - DL

Lab Sample ID: LCS 410-621739/2-A
Matrix: Water
Analysis Batch: 621774

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 621739

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Silvex (2,4,5-TP) - DL			4.01	4.183		ug/L		104	62 - 170		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid (Surr) - DL	*99*		*34 - 142*
2,4-Dichlorophenylacetic acid (Surr) - DL	*117*		*34 - 142*

Lab Sample ID: LCSD 410-621739/3-A
Matrix: Water
Analysis Batch: 621774

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 621739

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Silvex (2,4,5-TP) - DL			4.01	3.737		ug/L		93	62 - 170	11	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid (Surr) - DL	*85*		*34 - 142*
2,4-Dichlorophenylacetic acid (Surr) - DL	*104*		*34 - 142*

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 310-449498/1-A
Matrix: Water
Analysis Batch: 449894

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 449498

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		03/24/25 08:30	03/26/25 14:54	1
Arsenic	<0.000530		0.00200	0.000530	mg/L		03/24/25 08:30	03/26/25 14:54	1
Barium	<0.000660		0.00200	0.000660	mg/L		03/24/25 08:30	03/26/25 14:54	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		03/24/25 08:30	03/26/25 14:54	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		03/24/25 08:30	03/26/25 14:54	1
Chromium	<0.00120		0.00500	0.00120	mg/L		03/24/25 08:30	03/26/25 14:54	1
Cobalt	<0.000170		0.000500	0.000170	mg/L		03/24/25 08:30	03/26/25 14:54	1
Copper	<0.00180		0.00500	0.00180	mg/L		03/24/25 08:30	03/26/25 14:54	1
Lead	<0.000260		0.000500	0.000260	mg/L		03/24/25 08:30	03/26/25 14:54	1
Nickel	<0.00210		0.00500	0.00210	mg/L		03/24/25 08:30	03/26/25 14:54	1
Selenium	<0.00140		0.00500	0.00140	mg/L		03/24/25 08:30	03/26/25 14:54	1
Silver	<0.000500		0.00100	0.000500	mg/L		03/24/25 08:30	03/26/25 14:54	1
Thallium	<0.000570		0.00100	0.000570	mg/L		03/24/25 08:30	03/26/25 14:54	1
Vanadium	<0.00110		0.00500	0.00110	mg/L		03/24/25 08:30	03/26/25 14:54	1
Zinc	<0.00970		0.0200	0.00970	mg/L		03/24/25 08:30	03/26/25 14:54	1

Lab Sample ID: LCS 310-449498/2-A
Matrix: Water
Analysis Batch: 449894

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 449498

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Antimony			0.200	0.2340		mg/L		117	80 - 120		
Arsenic			0.200	0.2163		mg/L		108	80 - 120		
Barium			0.100	0.1114		mg/L		111	80 - 120		
Beryllium			0.100	0.1017		mg/L		102	80 - 120		
Cadmium			0.100	0.1045		mg/L		105	80 - 120		
Chromium			0.100	0.1070		mg/L		107	80 - 120		
Cobalt			0.100	0.1126		mg/L		113	80 - 120		
Copper			0.200	0.2137		mg/L		107	80 - 120		
Lead			0.200	0.2193		mg/L		110	80 - 120		
Nickel			0.200	0.2074		mg/L		104	80 - 120		
Selenium			0.400	0.4197		mg/L		105	80 - 120		
Silver			0.100	0.1069		mg/L		107	80 - 120		
Thallium			0.100	0.09230		mg/L		92	80 - 120		
Vanadium			0.100	0.1064		mg/L		106	80 - 120		
Zinc			0.200	0.1999		mg/L		100	80 - 120		

Lab Sample ID: 310-302305-1 MS
Matrix: Water
Analysis Batch: 449894

Client Sample ID: MW-9AR_25_04
Prep Type: Total/NA
Prep Batch: 449498

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Antimony	<0.00100		0.200	0.2371		mg/L		119	75 - 125		
Arsenic	0.00150	J	0.200	0.2139		mg/L		106	75 - 125		
Barium	0.405		0.100	0.4969	4	mg/L		92	75 - 125		
Beryllium	<0.000330		0.100	0.1028		mg/L		103	75 - 125		
Cadmium	<0.000100		0.100	0.09468		mg/L		95	75 - 125		
Chromium	<0.00120		0.100	0.1010		mg/L		101	75 - 125		
Cobalt	0.000667		0.100	0.1026		mg/L		102	75 - 125		

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 310-302305-1 MS — **Client Sample ID: MW-9AR_25_04**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 449894 — **Prep Batch: 449498**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Copper	<0.00180		0.200	0.1911		mg/L		96	75 - 125		
Lead	<0.000260		0.200	0.1912		mg/L		96	75 - 125		
Nickel	<0.00210		0.200	0.1890		mg/L		94	75 - 125		
Selenium	<0.00140		0.400	0.4068		mg/L		102	75 - 125		
Silver	<0.000500		0.100	0.1011		mg/L		101	75 - 125		
Thallium	<0.000570	F1	0.100	0.07148	F1	mg/L		71	75 - 125		
Vanadium	<0.00110		0.100	0.1038		mg/L		104	75 - 125		
Zinc	<0.00970		0.200	0.1744		mg/L		87	75 - 125		

Lab Sample ID: 310-302305-1 MSD — **Client Sample ID: MW-9AR_25_04**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 449894 — **Prep Batch: 449498**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.00100		0.200	0.2424		mg/L		121	75 - 125	2	20
Arsenic	0.00150	J	0.200	0.2150		mg/L		107	75 - 125	1	20
Barium	0.405		0.100	0.4858	4	mg/L		81	75 - 125	2	20
Beryllium	<0.000330		0.100	0.1046		mg/L		105	75 - 125	2	20
Cadmium	<0.000100		0.100	0.09308		mg/L		93	75 - 125	2	20
Chromium	<0.00120		0.100	0.1025		mg/L		102	75 - 125	1	20
Cobalt	0.000667		0.100	0.1027		mg/L		102	75 - 125	0	20
Copper	<0.00180		0.200	0.1934		mg/L		97	75 - 125	1	20
Lead	<0.000260		0.200	0.1903		mg/L		95	75 - 125	0	20
Nickel	<0.00210		0.200	0.1913		mg/L		96	75 - 125	1	20
Selenium	<0.00140		0.400	0.4128		mg/L		103	75 - 125	1	20
Silver	<0.000500		0.100	0.1016		mg/L		102	75 - 125	1	20
Thallium	<0.000570	F1	0.100	0.07089	F1	mg/L		71	75 - 125	1	20
Vanadium	<0.00110		0.100	0.1034		mg/L		103	75 - 125	0	20
Zinc	<0.00970		0.200	0.1742		mg/L		87	75 - 125	0	20

Lab Sample ID: 310-302305-11 DU — **Client Sample ID: MW-302R_25_04**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 449894 — **Prep Batch: 449498**

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Antimony	<0.00100		<0.00100		mg/L		NC	20
Arsenic	0.000732	J	0.0007130	J	mg/L		3	20
Barium	0.113		0.1108		mg/L		2	20
Beryllium	<0.000330		<0.000330		mg/L		NC	20
Cadmium	<0.000100		<0.000100		mg/L		NC	20
Chromium	<0.00120		<0.00120		mg/L		NC	20
Cobalt	<0.000170		<0.000170		mg/L		NC	20
Copper	<0.00180		<0.00180		mg/L		NC	20
Lead	<0.000260		<0.000260		mg/L		NC	20
Nickel	<0.00210		<0.00210		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	<0.00110		<0.00110		mg/L		NC	20

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 310-302305-11 DU
Matrix: Water
Analysis Batch: 449894

Client Sample ID: MW-302R_25_04
Prep Type: Total/NA
Prep Batch: 449498

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Zinc	<0.00970		<0.00970		mg/L		NC	20

Lab Sample ID: MB 310-449655/1-A
Matrix: Water
Analysis Batch: 449894

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 449655

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		03/25/25 09:00	03/26/25 17:55	1
Arsenic	<0.000530		0.00200	0.000530	mg/L		03/25/25 09:00	03/26/25 17:55	1
Barium	<0.000660		0.00200	0.000660	mg/L		03/25/25 09:00	03/26/25 17:55	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		03/25/25 09:00	03/26/25 17:55	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		03/25/25 09:00	03/26/25 17:55	1
Chromium	<0.00120		0.00500	0.00120	mg/L		03/25/25 09:00	03/26/25 17:55	1
Cobalt	<0.000170		0.000500	0.000170	mg/L		03/25/25 09:00	03/26/25 17:55	1
Copper	<0.00180		0.00500	0.00180	mg/L		03/25/25 09:00	03/26/25 17:55	1
Lead	<0.000260		0.000500	0.000260	mg/L		03/25/25 09:00	03/26/25 17:55	1
Nickel	<0.00210		0.00500	0.00210	mg/L		03/25/25 09:00	03/26/25 17:55	1
Selenium	<0.00140		0.00500	0.00140	mg/L		03/25/25 09:00	03/26/25 17:55	1
Silver	<0.000500		0.00100	0.000500	mg/L		03/25/25 09:00	03/26/25 17:55	1
Thallium	<0.000570		0.00100	0.000570	mg/L		03/25/25 09:00	03/26/25 17:55	1
Vanadium	<0.00110		0.00500	0.00110	mg/L		03/25/25 09:00	03/26/25 17:55	1
Zinc	<0.00970		0.0200	0.00970	mg/L		03/25/25 09:00	03/26/25 17:55	1

Lab Sample ID: LCS 310-449655/2-A
Matrix: Water
Analysis Batch: 449894

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 449655

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.200	0.2278		mg/L		114	80 - 120
Arsenic	0.200	0.2090		mg/L		105	80 - 120
Barium	0.100	0.1055		mg/L		106	80 - 120
Beryllium	0.100	0.09534		mg/L		95	80 - 120
Cadmium	0.100	0.09955		mg/L		100	80 - 120
Chromium	0.100	0.1040		mg/L		104	80 - 120
Cobalt	0.100	0.1099		mg/L		110	80 - 120
Copper	0.200	0.2122		mg/L		106	80 - 120
Lead	0.200	0.2186		mg/L		109	80 - 120
Nickel	0.200	0.2051		mg/L		103	80 - 120
Selenium	0.400	0.3929		mg/L		98	80 - 120
Silver	0.100	0.1059		mg/L		106	80 - 120
Thallium	0.100	0.08842		mg/L		88	80 - 120
Vanadium	0.100	0.1020		mg/L		102	80 - 120
Zinc	0.200	0.1923		mg/L		96	80 - 120

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 310-302367-A-11-B MS — **Client Sample ID: Matrix Spike**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 449894 — **Prep Batch: 449655**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.00107	J	0.200	0.2316		mg/L		115	75 - 125
Arsenic	0.00300		0.200	0.2113		mg/L		104	75 - 125
Barium	0.0817		0.100	0.1825		mg/L		101	75 - 125
Beryllium	<0.000330		0.100	0.09661		mg/L		97	75 - 125
Cadmium	<0.000100		0.100	0.09548		mg/L		95	75 - 125
Chromium	<0.00120		0.100	0.09989		mg/L		100	75 - 125
Cobalt	0.00132		0.100	0.1041		mg/L		103	75 - 125
Copper	<0.00180		0.200	0.1964		mg/L		98	75 - 125
Lead	<0.000260		0.200	0.2036		mg/L		102	75 - 125
Nickel	0.00390	J	0.200	0.1944		mg/L		95	75 - 125
Selenium	<0.00140		0.400	0.3951		mg/L		99	75 - 125
Silver	<0.000500		0.100	0.1025		mg/L		103	75 - 125
Thallium	<0.000570		0.100	0.07662		mg/L		77	75 - 125
Vanadium	<0.00110		0.100	0.09779		mg/L		98	75 - 125
Zinc	<0.00970		0.200	0.1881		mg/L		94	75 - 125

Lab Sample ID: 310-302367-A-11-C MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 449894 — **Prep Batch: 449655**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	0.00107	J	0.200	0.2337		mg/L		116	75 - 125	1	20
Arsenic	0.00300		0.200	0.2128		mg/L		105	75 - 125	1	20
Barium	0.0817		0.100	0.1861		mg/L		104	75 - 125	2	20
Beryllium	<0.000330		0.100	0.09732		mg/L		97	75 - 125	1	20
Cadmium	<0.000100		0.100	0.09514		mg/L		95	75 - 125	0	20
Chromium	<0.00120		0.100	0.1005		mg/L		101	75 - 125	1	20
Cobalt	0.00132		0.100	0.1045		mg/L		103	75 - 125	0	20
Copper	<0.00180		0.200	0.1968		mg/L		98	75 - 125	0	20
Lead	<0.000260		0.200	0.2065		mg/L		103	75 - 125	1	20
Nickel	0.00390	J	0.200	0.1942		mg/L		95	75 - 125	0	20
Selenium	<0.00140		0.400	0.3971		mg/L		99	75 - 125	1	20
Silver	<0.000500		0.100	0.1036		mg/L		104	75 - 125	1	20
Thallium	<0.000570		0.100	0.07869		mg/L		79	75 - 125	3	20
Vanadium	<0.00110		0.100	0.09993		mg/L		100	75 - 125	2	20
Zinc	<0.00970		0.200	0.1838		mg/L		92	75 - 125	2	20

Lab Sample ID: 310-302365-A-7-B DU — **Client Sample ID: Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 449894 — **Prep Batch: 449655**

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Antimony	<0.00100		<0.00100		mg/L		NC	20
Arsenic	0.00158	J	0.001538	J	mg/L		3	20
Barium	0.114		0.1149		mg/L		0.7	20
Beryllium	<0.000330		<0.000330		mg/L		NC	20
Cadmium	<0.000100		<0.000100		mg/L		NC	20
Chromium	0.00172	J	0.001557	J	mg/L		10	20
Cobalt	0.000384	J	0.0003730	J	mg/L		3	20

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 310-302365-A-7-B DU — **Client Sample ID: Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 449894 — **Prep Batch: 449655**

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Copper	0.00380	J	0.003605	J	mg/L		5	20
Lead	0.000695		0.0006610		mg/L		5	20
Nickel	<0.00210		<0.00210		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	0.00440	J	0.004269	J	mg/L		3	20
Zinc	0.0130	J	0.01267	J	mg/L		3	20

Method: 9034 - Sulfide, Acid soluble and Insoluble (Titrimetric)

Lab Sample ID: MB 500-810913/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 810914 — **Prep Batch: 810913**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	<0.231		1.00	0.231	mg/L		03/23/25 18:00	03/24/25 01:23	1

Lab Sample ID: LCS 500-810913/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 810914 — **Prep Batch: 810913**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfide	3.97	3.873		mg/L		98	80 - 120

Method: I-3765-85 - Residue, Non-filterable (TSS)

Lab Sample ID: MB 310-449420/1 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 449420

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	<3.50		5.00	3.50	mg/L			03/20/25 16:11	1

Lab Sample ID: LCS 310-449420/2 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 449420

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Suspended Solids	100	92.00		mg/L		92	81 - 116

Lab Sample ID: 310-302305-15 DU — **Client Sample ID: FD-1_25_04**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 449420

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Suspended Solids	9.00		8.000		mg/L		12	35

Method: I-3765-85 - Residue, Non-filterable (TSS) (Continued)

Lab Sample ID: MB 310-449425/1
Matrix: Water
Analysis Batch: 449425

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			03/20/25 17:05	1

Lab Sample ID: LCS 310-449425/2
Matrix: Water
Analysis Batch: 449425

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	88.00		mg/L		88	81 - 116

Lab Sample ID: 310-302357-B-1 DU
Matrix: Water
Analysis Batch: 449425

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Suspended Solids	194		186.0		mg/L		4	35

Lab Sample ID: 310-302419-E-3 DU
Matrix: Water
Analysis Batch: 449425

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Suspended Solids	212		220.0		mg/L		4	35

Lab Sample ID: MB 310-449442/1
Matrix: Water
Analysis Batch: 449442

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			03/20/25 19:09	1

Lab Sample ID: LCS 310-449442/2
Matrix: Water
Analysis Batch: 449442

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	93.00		mg/L		93	81 - 116

Lab Sample ID: 310-302336-C-1 DU
Matrix: Water
Analysis Batch: 449442

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Suspended Solids	80.0		87.00		mg/L		8	35

GC/MS VOA

Analysis Batch: 449408

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-302305-1	MW-9AR_25_04	Total/NA	Water	8260D	
310-302305-2	MW-15_25_04	Total/NA	Water	8260D	
310-302305-3	MW-18_25_04	Total/NA	Water	8260D	
310-302305-9	MW-300_25_04	Total/NA	Water	8260D	
310-302305-10	MW-301_25_04	Total/NA	Water	8260D	
310-302305-11	MW-302R_25_04	Total/NA	Water	8260D	
310-302305-12	MW-303_25_04	Total/NA	Water	8260D	
310-302305-13	MW-304R_25_04	Total/NA	Water	8260D	
310-302305-14	MW-305_25_04	Total/NA	Water	8260D	
310-302305-15	FD-1_25_04	Total/NA	Water	8260D	
310-302305-16	FD-2_25_04	Total/NA	Water	8260D	
310-302305-17	FB-1_25_04	Total/NA	Water	8260D	
310-302305-18	TB-1_25_04	Total/NA	Water	8260D	
310-302305-19	MW-204A_25_04	Total/NA	Water	8260D	
310-302305-20	MW-204B_25_04	Total/NA	Water	8260D	
310-302305-21	MW-213A_25_04	Total/NA	Water	8260D	
310-302305-22	MW-213B_25_04	Total/NA	Water	8260D	
310-302305-23	MW-214_25_04	Total/NA	Water	8260D	
310-302305-24	MW-215_25_04	Total/NA	Water	8260D	
310-302305-25	MW-218_25_04	Total/NA	Water	8260D	
MB 310-449408/5	Method Blank	Total/NA	Water	8260D	
LCS 310-449408/6	Lab Control Sample	Total/NA	Water	8260D	
LCS 310-449408/7	Lab Control Sample	Total/NA	Water	8260D	
310-302305-1 MS	MW-9AR_25_04	Total/NA	Water	8260D	
310-302305-1 MSD	MW-9AR_25_04	Total/NA	Water	8260D	

Analysis Batch: 449460

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-302305-4	MW-19_25_04	Total/NA	Water	8260D	
310-302305-5	MW-24_25_04	Total/NA	Water	8260D	
310-302305-6	MW-26A_25_04	Total/NA	Water	8260D	
MB 310-449460/5	Method Blank	Total/NA	Water	8260D	
LCS 310-449460/6	Lab Control Sample	Total/NA	Water	8260D	
LCS 310-449460/7	Lab Control Sample	Total/NA	Water	8260D	
310-302305-4 MS	MW-19_25_04	Total/NA	Water	8260D	
310-302305-4 MSD	MW-19_25_04	Total/NA	Water	8260D	

Analysis Batch: 449507

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-302305-7	MW-29_25_04	Total/NA	Water	8260D	
310-302305-8	MW-30_25_04	Total/NA	Water	8260D	
MB 310-449507/5	Method Blank	Total/NA	Water	8260D	
LCS 310-449507/6	Lab Control Sample	Total/NA	Water	8260D	
310-302366-B-6 MS	Matrix Spike	Total/NA	Water	8260D	
310-302366-B-6 MSD	Matrix Spike Duplicate	Total/NA	Water	8260D	

GC Semi VOA

Leach Batch: 449291

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 310-449291/1-D	Method Blank	Total/NA	Water	1311	

GC Semi VOA (Continued)

Leach Batch: 449291 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-301770-A-1-S MS	Matrix Spike	TCLP	Water	1311	
310-301770-A-1-T MSD	Matrix Spike Duplicate	TCLP	Water	1311	

Analysis Batch: 449471

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-302305-1	MW-9AR_25_04	Total/NA	Water	8081B	449500
310-302305-12	MW-303_25_04	Total/NA	Water	8081B	449500
310-302305-17	FB-1_25_04	Total/NA	Water	8081B	449500
LB 310-449291/1-D	Method Blank	Total/NA	Water	8081B	449500
MB 310-449500/1-A	Method Blank	Total/NA	Water	8081B	449500
LCS 310-449500/19-A	Lab Control Sample	Total/NA	Water	8081B	449500
310-301770-A-1-S MS	Matrix Spike	TCLP	Water	8081B	449500
310-301770-A-1-T MSD	Matrix Spike Duplicate	TCLP	Water	8081B	449500

Prep Batch: 449500

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-302305-1	MW-9AR_25_04	Total/NA	Water	3511	
310-302305-12	MW-303_25_04	Total/NA	Water	3511	
310-302305-17	FB-1_25_04	Total/NA	Water	3511	
LB 310-449291/1-D	Method Blank	Total/NA	Water	3511	449291
MB 310-449500/1-A	Method Blank	Total/NA	Water	3511	
LCS 310-449500/19-A	Lab Control Sample	Total/NA	Water	3511	
310-301770-A-1-S MS	Matrix Spike	TCLP	Water	3511	449291
310-301770-A-1-T MSD	Matrix Spike Duplicate	TCLP	Water	3511	449291

Prep Batch: 621739

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-302305-12	MW-303_25_04	Total/NA	Water	8151A	
310-302305-17	FB-1_25_04	Total/NA	Water	8151A	
MB 410-621739/1-A	Method Blank	Total/NA	Water	8151A	
LCS 410-621739/2-A	Lab Control Sample	Total/NA	Water	8151A	
LCS 410-621739/2-A - DL	Lab Control Sample	Total/NA	Water	8151A	
LCSD 410-621739/3-A	Lab Control Sample Dup	Total/NA	Water	8151A	
LCSD 410-621739/3-A - DL	Lab Control Sample Dup	Total/NA	Water	8151A	

Analysis Batch: 621774

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-302305-12	MW-303_25_04	Total/NA	Water	8151A	621739
310-302305-17	FB-1_25_04	Total/NA	Water	8151A	621739
MB 410-621739/1-A	Method Blank	Total/NA	Water	8151A	621739
LCS 410-621739/2-A	Lab Control Sample	Total/NA	Water	8151A	621739
LCS 410-621739/2-A - DL	Lab Control Sample	Total/NA	Water	8151A	621739
LCSD 410-621739/3-A	Lab Control Sample Dup	Total/NA	Water	8151A	621739
LCSD 410-621739/3-A - DL	Lab Control Sample Dup	Total/NA	Water	8151A	621739

Metals

Prep Batch: 449498

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-302305-1	MW-9AR_25_04	Total/NA	Water	3005A	
310-302305-2	MW-15_25_04	Total/NA	Water	3005A	

Metals (Continued)

Prep Batch: 449498 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-302305-3	MW-18_25_04	Total/NA	Water	3005A	
310-302305-4	MW-19_25_04	Total/NA	Water	3005A	
310-302305-5	MW-24_25_04	Total/NA	Water	3005A	
310-302305-6	MW-26A_25_04	Total/NA	Water	3005A	
310-302305-7	MW-29_25_04	Total/NA	Water	3005A	
310-302305-8	MW-30_25_04	Total/NA	Water	3005A	
310-302305-9	MW-300_25_04	Total/NA	Water	3005A	
310-302305-10	MW-301_25_04	Total/NA	Water	3005A	
310-302305-11	MW-302R_25_04	Total/NA	Water	3005A	
310-302305-12	MW-303_25_04	Total/NA	Water	3005A	
310-302305-13	MW-304R_25_04	Total/NA	Water	3005A	
310-302305-14	MW-305_25_04	Total/NA	Water	3005A	
310-302305-15	FD-1_25_04	Total/NA	Water	3005A	
310-302305-16	FD-2_25_04	Total/NA	Water	3005A	
310-302305-17	FB-1_25_04	Total/NA	Water	3005A	
310-302305-19	MW-204A_25_04	Total/NA	Water	3005A	
310-302305-20	MW-204B_25_04	Total/NA	Water	3005A	
MB 310-449498/1-A	Method Blank	Total/NA	Water	3005A	
LCS 310-449498/2-A	Lab Control Sample	Total/NA	Water	3005A	
310-302305-1 MS	MW-9AR_25_04	Total/NA	Water	3005A	
310-302305-1 MSD	MW-9AR_25_04	Total/NA	Water	3005A	
310-302305-11 DU	MW-302R_25_04	Total/NA	Water	3005A	

Prep Batch: 449655

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-302305-21	MW-213A_25_04	Total/NA	Water	3005A	
310-302305-22	MW-213B_25_04	Total/NA	Water	3005A	
310-302305-23	MW-214_25_04	Total/NA	Water	3005A	
310-302305-24	MW-215_25_04	Total/NA	Water	3005A	
310-302305-25	MW-218_25_04	Total/NA	Water	3005A	
MB 310-449655/1-A	Method Blank	Total/NA	Water	3005A	
LCS 310-449655/2-A	Lab Control Sample	Total/NA	Water	3005A	
310-302367-A-11-B MS	Matrix Spike	Total/NA	Water	3005A	
310-302367-A-11-C MSD	Matrix Spike Duplicate	Total/NA	Water	3005A	
310-302365-A-7-B DU	Duplicate	Total/NA	Water	3005A	

Analysis Batch: 449894

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-302305-1	MW-9AR_25_04	Total/NA	Water	6020B	449498
310-302305-2	MW-15_25_04	Total/NA	Water	6020B	449498
310-302305-3	MW-18_25_04	Total/NA	Water	6020B	449498
310-302305-4	MW-19_25_04	Total/NA	Water	6020B	449498
310-302305-5	MW-24_25_04	Total/NA	Water	6020B	449498
310-302305-6	MW-26A_25_04	Total/NA	Water	6020B	449498
310-302305-7	MW-29_25_04	Total/NA	Water	6020B	449498
310-302305-8	MW-30_25_04	Total/NA	Water	6020B	449498
310-302305-9	MW-300_25_04	Total/NA	Water	6020B	449498
310-302305-10	MW-301_25_04	Total/NA	Water	6020B	449498
310-302305-11	MW-302R_25_04	Total/NA	Water	6020B	449498
310-302305-12	MW-303_25_04	Total/NA	Water	6020B	449498
310-302305-13	MW-304R_25_04	Total/NA	Water	6020B	449498

Metals (Continued)

Analysis Batch: 449894 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-302305-14	MW-305_25_04	Total/NA	Water	6020B	449498
310-302305-15	FD-1_25_04	Total/NA	Water	6020B	449498
310-302305-16	FD-2_25_04	Total/NA	Water	6020B	449498
310-302305-17	FB-1_25_04	Total/NA	Water	6020B	449498
310-302305-19	MW-204A_25_04	Total/NA	Water	6020B	449498
310-302305-20	MW-204B_25_04	Total/NA	Water	6020B	449498
310-302305-21	MW-213A_25_04	Total/NA	Water	6020B	449655
310-302305-22	MW-213B_25_04	Total/NA	Water	6020B	449655
310-302305-23	MW-214_25_04	Total/NA	Water	6020B	449655
310-302305-24	MW-215_25_04	Total/NA	Water	6020B	449655
310-302305-25	MW-218_25_04	Total/NA	Water	6020B	449655
MB 310-449498/1-A	Method Blank	Total/NA	Water	6020B	449498
MB 310-449655/1-A	Method Blank	Total/NA	Water	6020B	449655
LCS 310-449498/2-A	Lab Control Sample	Total/NA	Water	6020B	449498
LCS 310-449655/2-A	Lab Control Sample	Total/NA	Water	6020B	449655
310-302305-1 MS	MW-9AR_25_04	Total/NA	Water	6020B	449498
310-302305-1 MSD	MW-9AR_25_04	Total/NA	Water	6020B	449498
310-302367-A-11-B MS	Matrix Spike	Total/NA	Water	6020B	449655
310-302367-A-11-C MSD	Matrix Spike Duplicate	Total/NA	Water	6020B	449655
310-302305-11 DU	MW-302R_25_04	Total/NA	Water	6020B	449498
310-302365-A-7-B DU	Duplicate	Total/NA	Water	6020B	449655

General Chemistry

Analysis Batch: 449420

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-302305-2	MW-15_25_04	Total/NA	Water	I-3765-85	
310-302305-3	MW-18_25_04	Total/NA	Water	I-3765-85	
310-302305-4	MW-19_25_04	Total/NA	Water	I-3765-85	
310-302305-5	MW-24_25_04	Total/NA	Water	I-3765-85	
310-302305-6	MW-26A_25_04	Total/NA	Water	I-3765-85	
310-302305-7	MW-29_25_04	Total/NA	Water	I-3765-85	
310-302305-8	MW-30_25_04	Total/NA	Water	I-3765-85	
310-302305-9	MW-300_25_04	Total/NA	Water	I-3765-85	
310-302305-10	MW-301_25_04	Total/NA	Water	I-3765-85	
310-302305-11	MW-302R_25_04	Total/NA	Water	I-3765-85	
310-302305-12	MW-303_25_04	Total/NA	Water	I-3765-85	
310-302305-13	MW-304R_25_04	Total/NA	Water	I-3765-85	
310-302305-14	MW-305_25_04	Total/NA	Water	I-3765-85	
310-302305-15	FD-1_25_04	Total/NA	Water	I-3765-85	
MB 310-449420/1	Method Blank	Total/NA	Water	I-3765-85	
LCS 310-449420/2	Lab Control Sample	Total/NA	Water	I-3765-85	
310-302305-15 DU	FD-1_25_04	Total/NA	Water	I-3765-85	

Analysis Batch: 449425

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-302305-1	MW-9AR_25_04	Total/NA	Water	I-3765-85	
310-302305-16	FD-2_25_04	Total/NA	Water	I-3765-85	
310-302305-17	FB-1_25_04	Total/NA	Water	I-3765-85	
310-302305-19	MW-204A_25_04	Total/NA	Water	I-3765-85	
310-302305-20	MW-204B_25_04	Total/NA	Water	I-3765-85	

General Chemistry (Continued)

Analysis Batch: 449425 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-302305-21	MW-213A_25_04	Total/NA	Water	I-3765-85	
310-302305-22	MW-213B_25_04	Total/NA	Water	I-3765-85	
310-302305-24	MW-215_25_04	Total/NA	Water	I-3765-85	
310-302305-25	MW-218_25_04	Total/NA	Water	I-3765-85	
MB 310-449425/1	Method Blank	Total/NA	Water	I-3765-85	
LCS 310-449425/2	Lab Control Sample	Total/NA	Water	I-3765-85	
310-302357-B-1 DU	Duplicate	Total/NA	Water	I-3765-85	
310-302419-E-3 DU	Duplicate	Total/NA	Water	I-3765-85	

Analysis Batch: 449442

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-302305-23	MW-214_25_04	Total/NA	Water	I-3765-85	
MB 310-449442/1	Method Blank	Total/NA	Water	I-3765-85	
LCS 310-449442/2	Lab Control Sample	Total/NA	Water	I-3765-85	
310-302336-C-1 DU	Duplicate	Total/NA	Water	I-3765-85	

Prep Batch: 810913

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-302305-1	MW-9AR_25_04	Total/NA	Water	9030B	
310-302305-17	FB-1_25_04	Total/NA	Water	9030B	
MB 500-810913/1-A	Method Blank	Total/NA	Water	9030B	
LCS 500-810913/2-A	Lab Control Sample	Total/NA	Water	9030B	

Analysis Batch: 810914

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-302305-1	MW-9AR_25_04	Total/NA	Water	9034	810913
310-302305-17	FB-1_25_04	Total/NA	Water	9034	810913
MB 500-810913/1-A	Method Blank	Total/NA	Water	9034	810913
LCS 500-810913/2-A	Lab Control Sample	Total/NA	Water	9034	810913

Client Sample ID: MW-9AR_25_04

Lab Sample ID: 310-302305-1

Date Collected: 03/17/25 11:45

Matrix: Water

Date Received: 03/19/25 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	449408	WSE8	EET CF	03/20/25 17:50
Total/NA	Prep	3511			449500	BW2O	EET CF	03/21/25 13:00
Total/NA	Analysis	8081B		1	449471	BW2O	EET CF	03/21/25 18:09
Total/NA	Prep	3005A			449498	F5MW	EET CF	03/24/25 08:30
Total/NA	Analysis	6020B		1	449894	NFT2	EET CF	03/26/25 14:58
Total/NA	Prep	9030B			810913	CLB	EET CHI	03/23/25 18:10 - 03/23/25 18:15 [1]
Total/NA	Analysis	9034		1	810914	CLB	EET CHI	03/24/25 01:52 - 03/24/25 02:06 [1]
Total/NA	Analysis	I-3765-85		1	449425	XJ7V	EET CF	03/20/25 17:05

Client Sample ID: MW-15_25_04

Lab Sample ID: 310-302305-2

Date Collected: 03/18/25 17:00

Matrix: Water

Date Received: 03/19/25 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	449408	WSE8	EET CF	03/20/25 18:13
Total/NA	Prep	3005A			449498	F5MW	EET CF	03/24/25 08:30
Total/NA	Analysis	6020B		1	449894	NFT2	EET CF	03/26/25 15:08
Total/NA	Analysis	I-3765-85		1	449420	XJ7V	EET CF	03/20/25 16:11

Client Sample ID: MW-18_25_04

Lab Sample ID: 310-302305-3

Date Collected: 03/18/25 17:40

Matrix: Water

Date Received: 03/19/25 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	449408	WSE8	EET CF	03/20/25 18:35
Total/NA	Prep	3005A			449498	F5MW	EET CF	03/24/25 08:30
Total/NA	Analysis	6020B		1	449894	NFT2	EET CF	03/26/25 15:10
Total/NA	Analysis	I-3765-85		1	449420	XJ7V	EET CF	03/20/25 16:11

Client Sample ID: MW-19_25_04

Lab Sample ID: 310-302305-4

Date Collected: 03/18/25 18:40

Matrix: Water

Date Received: 03/19/25 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	449460	WSE8	EET CF	03/21/25 10:34
Total/NA	Prep	3005A			449498	F5MW	EET CF	03/24/25 08:30
Total/NA	Analysis	6020B		1	449894	NFT2	EET CF	03/26/25 15:13
Total/NA	Analysis	I-3765-85		1	449420	XJ7V	EET CF	03/20/25 16:11

Client Sample ID: MW-24_25_04

Lab Sample ID: 310-302305-5

Date Collected: 03/18/25 14:20

Matrix: Water

Date Received: 03/19/25 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	449460	WSE8	EET CF	03/21/25 10:56

Lab Chronicle

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-302305-1
SDG: 24C034.00

Client Sample ID: MW-24_25_04
Lab Sample ID: 310-302305-5

Date Collected: 03/18/25 14:20
Matrix: Water
Date Received: 03/19/25 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3005A			449498	F5MW	EET CF	03/24/25 08:30
Total/NA	Analysis	6020B		1	449894	NFT2	EET CF	03/26/25 15:15
Total/NA	Analysis	I-3765-85		1	449420	XJ7V	EET CF	03/20/25 16:11

Client Sample ID: MW-26A_25_04
Lab Sample ID: 310-302305-6

Date Collected: 03/18/25 15:57
Matrix: Water
Date Received: 03/19/25 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	449460	WSE8	EET CF	03/21/25 11:18
Total/NA	Prep	3005A			449498	F5MW	EET CF	03/24/25 08:30
Total/NA	Analysis	6020B		1	449894	NFT2	EET CF	03/26/25 15:25
Total/NA	Analysis	I-3765-85		1	449420	XJ7V	EET CF	03/20/25 16:11

Client Sample ID: MW-29_25_04
Lab Sample ID: 310-302305-7

Date Collected: 03/18/25 09:40
Matrix: Water
Date Received: 03/19/25 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	449507	FE5V	EET CF	03/22/25 04:58
Total/NA	Prep	3005A			449498	F5MW	EET CF	03/24/25 08:30
Total/NA	Analysis	6020B		1	449894	NFT2	EET CF	03/26/25 15:27
Total/NA	Analysis	I-3765-85		1	449420	XJ7V	EET CF	03/20/25 16:11

Client Sample ID: MW-30_25_04
Lab Sample ID: 310-302305-8

Date Collected: 03/17/25 13:00
Matrix: Water
Date Received: 03/19/25 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	449507	FE5V	EET CF	03/22/25 04:35
Total/NA	Prep	3005A			449498	F5MW	EET CF	03/24/25 08:30
Total/NA	Analysis	6020B		1	449894	NFT2	EET CF	03/26/25 15:29
Total/NA	Analysis	I-3765-85		1	449420	XJ7V	EET CF	03/20/25 16:11

Client Sample ID: MW-300_25_04
Lab Sample ID: 310-302305-9

Date Collected: 03/18/25 18:35
Matrix: Water
Date Received: 03/19/25 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	449408	WSE8	EET CF	03/20/25 18:57
Total/NA	Prep	3005A			449498	F5MW	EET CF	03/24/25 08:30
Total/NA	Analysis	6020B		1	449894	NFT2	EET CF	03/26/25 15:32
Total/NA	Analysis	I-3765-85		1	449420	XJ7V	EET CF	03/20/25 16:11

Client Sample ID: MW-301_25_04

Lab Sample ID: 310-302305-10

Date Collected: 03/18/25 17:50
Matrix: Water
Date Received: 03/19/25 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	449408	WSE8	EET CF	03/20/25 19:20
Total/NA	Prep	3005A			449498	F5MW	EET CF	03/24/25 08:30
Total/NA	Analysis	6020B		1	449894	NFT2	EET CF	03/26/25 15:34
Total/NA	Analysis	I-3765-85		1	449420	XJ7V	EET CF	03/20/25 16:11

Client Sample ID: MW-302R_25_04

Lab Sample ID: 310-302305-11

Date Collected: 03/18/25 15:40
Matrix: Water
Date Received: 03/19/25 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	449408	WSE8	EET CF	03/20/25 19:42
Total/NA	Prep	3005A			449498	F5MW	EET CF	03/24/25 08:30
Total/NA	Analysis	6020B		1	449894	NFT2	EET CF	03/26/25 15:36
Total/NA	Analysis	I-3765-85		1	449420	XJ7V	EET CF	03/20/25 16:11

Client Sample ID: MW-303_25_04

Lab Sample ID: 310-302305-12

Date Collected: 03/18/25 14:40
Matrix: Water
Date Received: 03/19/25 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	449408	WSE8	EET CF	03/20/25 20:05
Total/NA	Prep	3511			449500	BW2O	EET CF	03/21/25 13:00
Total/NA	Analysis	8081B		1	449471	BW2O	EET CF	03/21/25 18:22
Total/NA	Prep	8151A			621739	UKL2	ELLE	03/25/25 20:26
Total/NA	Analysis	8151A		1	621774	UAMZ	ELLE	03/27/25 01:23
Total/NA	Prep	3005A			449498	F5MW	EET CF	03/24/25 08:30
Total/NA	Analysis	6020B		1	449894	NFT2	EET CF	03/26/25 15:41
Total/NA	Analysis	I-3765-85		1	449420	XJ7V	EET CF	03/20/25 16:11

Client Sample ID: MW-304R_25_04

Lab Sample ID: 310-302305-13

Date Collected: 03/18/25 11:50
Matrix: Water
Date Received: 03/19/25 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	449408	WSE8	EET CF	03/20/25 20:27
Total/NA	Prep	3005A			449498	F5MW	EET CF	03/24/25 08:30
Total/NA	Analysis	6020B		1	449894	NFT2	EET CF	03/26/25 15:44
Total/NA	Analysis	I-3765-85		1	449420	XJ7V	EET CF	03/20/25 16:11

Client Sample ID: MW-305_25_04

Lab Sample ID: 310-302305-14

Date Collected: 03/18/25 10:30
Matrix: Water
Date Received: 03/19/25 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	449408	WSE8	EET CF	03/20/25 20:50

Lab Chronicle

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-302305-1
SDG: 24C034.00

Client Sample ID: MW-305_25_04

Lab Sample ID: 310-302305-14

Date Collected: 03/18/25 10:30
Date Received: 03/19/25 15:30

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3005A			449498	F5MW	EET CF	03/24/25 08:30
Total/NA	Analysis	6020B		1	449894	NFT2	EET CF	03/26/25 15:46
Total/NA	Analysis	I-3765-85		1	449420	XJ7V	EET CF	03/20/25 16:11

Client Sample ID: FD-1_25_04

Lab Sample ID: 310-302305-15

Date Collected: 03/18/25 00:00
Date Received: 03/19/25 15:30

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	449408	WSE8	EET CF	03/20/25 21:12
Total/NA	Prep	3005A			449498	F5MW	EET CF	03/24/25 08:30
Total/NA	Analysis	6020B		1	449894	NFT2	EET CF	03/26/25 15:55
Total/NA	Analysis	I-3765-85		1	449420	XJ7V	EET CF	03/20/25 16:11

Client Sample ID: FD-2_25_04

Lab Sample ID: 310-302305-16

Date Collected: 03/18/25 00:00
Date Received: 03/19/25 15:30

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	449408	WSE8	EET CF	03/20/25 21:35
Total/NA	Prep	3005A			449498	F5MW	EET CF	03/24/25 08:30
Total/NA	Analysis	6020B		1	449894	NFT2	EET CF	03/26/25 15:58
Total/NA	Analysis	I-3765-85		1	449425	XJ7V	EET CF	03/20/25 17:05

Client Sample ID: FB-1_25_04

Lab Sample ID: 310-302305-17

Date Collected: 03/18/25 16:45
Date Received: 03/19/25 15:30

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	449408	WSE8	EET CF	03/20/25 17:05
Total/NA	Prep	3511			449500	BW2O	EET CF	03/21/25 13:00
Total/NA	Analysis	8081B		1	449471	BW2O	EET CF	03/21/25 18:34
Total/NA	Prep	8151A			621739	UKL2	ELLE	03/25/25 20:26
Total/NA	Analysis	8151A		1	621774	UAMZ	ELLE	03/27/25 01:59
Total/NA	Prep	3005A			449498	F5MW	EET CF	03/24/25 08:30
Total/NA	Analysis	6020B		1	449894	NFT2	EET CF	03/26/25 16:00
Total/NA	Prep	9030B			810913	CLB	EET CHI	03/23/25 18:15 - 03/23/25 18:20 [1]
Total/NA	Analysis	9034		1	810914	CLB	EET CHI	03/24/25 02:06 - 03/24/25 02:21 [1]
Total/NA	Analysis	I-3765-85		1	449425	XJ7V	EET CF	03/20/25 17:05

Lab Chronicle

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-302305-1
SDG: 24C034.00

Client Sample ID: TB-1_25_04

Lab Sample ID: 310-302305-18

Date Collected: 03/18/25 00:00
Matrix: Water
Date Received: 03/19/25 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	449408	WSE8	EET CF	03/20/25 17:27

Client Sample ID: MW-204A_25_04

Lab Sample ID: 310-302305-19

Date Collected: 03/17/25 18:05
Matrix: Water
Date Received: 03/19/25 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	449408	WSE8	EET CF	03/20/25 21:57
Total/NA	Prep	3005A			449498	F5MW	EET CF	03/24/25 08:30
Total/NA	Analysis	6020B		1	449894	NFT2	EET CF	03/26/25 16:03
Total/NA	Analysis	I-3765-85		1	449425	XJ7V	EET CF	03/20/25 17:05

Client Sample ID: MW-204B_25_04

Lab Sample ID: 310-302305-20

Date Collected: 03/17/25 17:45
Matrix: Water
Date Received: 03/19/25 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	449408	WSE8	EET CF	03/20/25 22:20
Total/NA	Prep	3005A			449498	F5MW	EET CF	03/24/25 08:30
Total/NA	Analysis	6020B		1	449894	NFT2	EET CF	03/26/25 16:05
Total/NA	Analysis	I-3765-85		1	449425	XJ7V	EET CF	03/20/25 17:05

Client Sample ID: MW-213A_25_04

Lab Sample ID: 310-302305-21

Date Collected: 03/17/25 15:45
Matrix: Water
Date Received: 03/19/25 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	449408	WSE8	EET CF	03/20/25 22:42
Total/NA	Prep	3005A			449655	Y3EC	EET CF	03/25/25 09:00
Total/NA	Analysis	6020B		1	449894	NFT2	EET CF	03/26/25 18:19
Total/NA	Analysis	I-3765-85		1	449425	XJ7V	EET CF	03/20/25 17:05

Client Sample ID: MW-213B_25_04

Lab Sample ID: 310-302305-22

Date Collected: 03/17/25 16:45
Matrix: Water
Date Received: 03/19/25 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	449408	WSE8	EET CF	03/20/25 23:05
Total/NA	Prep	3005A			449655	Y3EC	EET CF	03/25/25 09:00
Total/NA	Analysis	6020B		1	449894	NFT2	EET CF	03/26/25 18:16
Total/NA	Analysis	I-3765-85		1	449425	XJ7V	EET CF	03/20/25 17:05

Lab Chronicle

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-302305-1
SDG: 24C034.00

Client Sample ID: MW-214_25_04

Lab Sample ID: 310-302305-23

Date Collected: 03/17/25 14:05
Matrix: Water
Date Received: 03/19/25 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	449408	WSE8	EET CF	03/20/25 23:27
Total/NA	Prep	3005A			449655	Y3EC	EET CF	03/25/25 09:00
Total/NA	Analysis	6020B		1	449894	NFT2	EET CF	03/26/25 18:21
Total/NA	Analysis	I-3765-85		1	449442	XJ7V	EET CF	03/20/25 19:09

Client Sample ID: MW-215_25_04

Lab Sample ID: 310-302305-24

Date Collected: 03/17/25 14:05
Matrix: Water
Date Received: 03/19/25 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	449408	WSE8	EET CF	03/20/25 23:50
Total/NA	Prep	3005A			449655	Y3EC	EET CF	03/25/25 09:00
Total/NA	Analysis	6020B		1	449894	NFT2	EET CF	03/26/25 18:26
Total/NA	Analysis	I-3765-85		1	449425	XJ7V	EET CF	03/20/25 17:05

Client Sample ID: MW-218_25_04

Lab Sample ID: 310-302305-25

Date Collected: 03/18/25 09:20
Matrix: Water
Date Received: 03/19/25 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	449408	WSE8	EET CF	03/21/25 00:12
Total/NA	Prep	3005A			449655	Y3EC	EET CF	03/25/25 09:00
Total/NA	Analysis	6020B		1	449894	NFT2	EET CF	03/26/25 18:24
Total/NA	Analysis	I-3765-85		1	449425	XJ7V	EET CF	03/20/25 17:05

[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

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-302305-1
SDG: 24C034.00

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

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

Authority	Program	Identification Number	Expiration Date
Iowa	State	082	05-01-26

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	0001.01	03-30-25
A2LA	Dept. of Energy	0001.01	03-30-25
A2LA	ISO/IEC 17025	0001.01	03-30-25
Alabama	State	43200	01-31-26
Alaska	State	PA00009	06-30-25
Arizona	State	AZ0780	03-12-26
Arkansas DEQ	State	88-00660	08-09-25
California	State	2792	01-31-26
Colorado	State	PA00009	06-30-25
Connecticut	State	PH-0746	06-30-25
Delaware (DW)	State	N/A	01-31-26
Florida	NELAP	E87997	06-30-25
Georgia (DW)	State	C048	01-31-26
Illinois	NELAP	200027	01-31-26
Iowa	State	361	03-01-26
Kansas	NELAP	E-10151	10-31-25
Kentucky (DW)	State	KY90088	12-31-25
Kentucky (UST)	State	0001.01	03-30-25
Kentucky (WW)	State	KY90088	12-31-25
Louisiana (All)	NELAP	02055	06-30-25
Maine	State	2019012	03-12-27
Maryland	State	100	06-30-25
Massachusetts	State	M-PA009	06-30-25
Michigan	State	9930	01-31-26
Minnesota	NELAP	042-999-487	12-31-25
Mississippi	State	023	01-31-26
Missouri	State	450	01-31-28
Montana (DW)	State	0098	01-01-26
Nebraska	State	NE-OS-32-17	01-31-26
New Hampshire	NELAP	2730	01-10-26
New Jersey	NELAP	PA011	06-30-25
New York	NELAP	10670	04-01-25
North Carolina (DW)	State	42705	07-31-25
North Carolina (WW/SW)	State	521	12-31-25
North Dakota	State	R-205	01-31-24 *
Oklahoma	NELAP	9804	08-31-25
Oregon	NELAP	PA200001	09-11-25
Pennsylvania	NELAP	36-00037	01-31-26

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Accreditation/Certification Summary

Client: Foth Infrastructure & Environment, LLC
Job ID: 310-302305-1
Project/Site: CRLCSWA Site 2 GW - Spring 2025
SDG: 24C034.00

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Quebec Ministry of Environment and Fight against Climate Change	PALA	507	09-16-29
Rhode Island	State	LAO00338	12-30-25
South Carolina	State	89002	01-31-25 *
Tennessee	State	02838	01-31-26
Texas	NELAP	T104704194-23-46	08-31-25
USDA	US Federal Programs	525-22-298-19481	10-25-25
Vermont	State	VT - 36037	10-28-25
Virginia	NELAP	460182	06-14-25
Washington	State	C457	04-11-25
West Virginia (DW)	State	9906 C	03-31-26
West Virginia DEP	State	055	07-31-25
Wyoming	State	8TMS-L	01-31-26
Wyoming (UST)	A2LA	0001.01	03-30-25

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Method Summary

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-302305-1
SDG: 24C034.00

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET CF
8081B	Organochlorine Pesticides (GC)	SW846	EET CF
8151A	Herbicides (GC)	SW846	ELLE
6020B	Metals (ICP/MS)	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
3511	Microextraction of Organic Compounds	SW846	EET CF
5030B	Purge and Trap	SW846	EET CF
8151A	Extraction (Herbicides)	SW846	ELLE
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

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

eurofins | Environment Testing America

310-302305 Chain of Custody

Cooler/Sample Receipt and Temperature Log Form

Client Information

Client: Roth

City/State: CITY Cedar Rapids STATE IA | Project:

Receipt Information

Date/Time Received: DATE 3/19/25 TIME 1530 | Received By: XB

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 5

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): 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

eurofins | Environment Testing America

Place COC scanning label here

Cooler/Sample Receipt and Temperature Log Form

Client Information

Client: Forty

City/State: CITY Cedar Rapids STATE IA Project:

Receipt Information

Date/Time Received: DATE 3/19/25 TIME 1530 Received By: KB

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 5
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: 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): 1.7 Corrected Temp (°C): 1.7

• **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

eurofins | Environment Testing America

Place COC scanning label here

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 3/19/25 TIME 1530 | Received By: KB

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 5

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): 1.6 | Corrected Temp (°C): 1.6

• **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: Path

City/State: CITY Cedar Rapids STATE IA Project:

Receipt Information

Date/Time Received: DATE 3/19/25 TIME 1530 Received By: KB

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 5
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): 2.1 Corrected Temp (°C): 2.1

• **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: Foth

City/State: CITY Cedar Rapids STATE IA Project:

Receipt Information

Date/Time Received: DATE 3/19/25 TIME 1530 Received By: KB

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 5

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? ↓

FB-1_25_04, MW-19_25_04, MW-18_25_04

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): 1.0 Corrected Temp (°C): 1.0

• 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

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 4

COC Number: 1-3865545471-030725-148305

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: Karmin McShane (CRLCSWA)		Project #: 24C034.00
Phone: (319) 365-9565	P O		Profile #:
Email Addresses: gina.wilming@foth.com	Project Name: CRLCSWA Site 2 GW - Spring 2025	Regulatory Agency: Iowa DNR	Sampling Team Members: Tyler Merritt, Curtis Schwartz, Randy Gowin
hannah.dubbs@foth.com	Task #: 24C034_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	Benzene	Cobalt	Sulfide	2,4-D	2,4,5-TP (Silvex)	beta-BHC	gamma-BHC (Lindane)	Heptachlor	Appendix I VOCs	Filtered (Y/N)	REMARKS / Lab ID
1	GU-1_25_04	GU-1	WG	G											X	X											
2	GU-L_25_04	GU-L	WG	G											X	X											
3	GU-O_25_04	GU-O	WG	G											X	X											
4	GU-P_25_04	GU-P	WG	G											X	X											
5	MW-9AR_25_04	MW-9AR	WG	G	3/17/25	11:45	13	8		1	3	1			X	X			X	X	X	X	X	X			
6	MW-15_25_04	MW-15	WG	G	3/18/25	17:00	8	4		1	3				X	X											
7	MW-18_25_04	MW-18	WG	G	3/18/25	17:40	8	4		1	3				X	X											
8	MW-19_25_04	MW-19	WG	G	3/18/25	18:40	8	4		1	3				X	X											
9	MW-20_25_04	MW-20	WG	G											X	X											
10	MW-22_25_04	MW-22	WG	G											X	X					X	X					
11	MW-24_25_04	MW-24	WG	G	3/18/25	14:20	8	4		1	3				X	X											
12	MW-26A_25_04	MW-26A	WG	G	3/18/25	15:57	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
					Tyler Merritt	3/18/25	11:52			
								XB/FF	3/19/25	1530

SAMPLE CONDITION:

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

SAMPLE NOTES:

Additional Comments:

Valid Matrix Codes	
Matrix	Code
Soil	SO
Sediment	SE
Surface Water	WS
Wastewater	WW
Groundwater	WG
Ambient Air	AA
Other	X

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Tyler Merritt

SIGNATURE of SAMPLER: Tyler Merritt

DATE Signed: 3/19/25

Page 14 of 15

4/1/2025

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 4 **COC Number:** 1-3865545471-030725-148305

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: Karmin McShane (CRLCSWA)		Project #: 24C034.00
Phone: (319) 365-9565	P.O		Profile #:
Email Addresses: gina.wilming@foth.com	Project Name: CRLCSWA Site 2 GW - Spring 2025	Regulatory Agency: Iowa DNR	Sampling Team Members: Tyler Merritt Curtis Schwartz Randy Gavin
hannah.dubbs@foth.com	Task #: 24C034_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	Benzene	Cobalt	Sulfide	2,4-D	2,4,5-TP (Silvex)	beta-BHC	gamma-BHC (Lindane)	Heptachlor	Appendix I VOCs	Filtered (Y/N)	REMARKS / Lab ID
															N	N	N	N	N	N	N	N	N	N	N	N	
13	MW-29_25_04	MW-29	WG	G	3/18/25	9:40	8	4		1	3					X	X	X									
14	MW-30_25_04	MW-30	WG	G	3/17/25	13:00	8	4		1	3					X	X	X									
15	MW-201B_25_04	MW-201B	WG	G											X	X			X	X	X	X	X	X			
16	MW-300_25_04	MW-300	WG	G	3/18/25	18:35	8	4		1	3				X	X											
17	MW-301_25_04	MW-301	WG	G	3/18/25	17.50	8	4		1	3				X	X											
18	MW-302R_25_04	MW-302R	WG	G	3/18/25	15.40	8	4		1	3				X	X											
19	MW-303_25_04	MW-303	WG	G	3/18/25	14:40		8		1	3				X	X				X			X	X			
20	MW-304R_25_04	MW-304R	WG	G	3/18/25	11:50	8	4		1	3				X	X											
21	MW-305_25_04	MW-305	WG	G	3/18/25	10:30	8	4		1	3				X	X											
22	MW-306_25_04	MW-306	WG	G												X	X	X									
23	MW-307A_25_04	MW-307A	WG	G												X	X	X									
24	MW-501_25_04	MW-501	WG	G											X	X											

SHIPMENT METHOD	AIRBILL NO.	SHIPPING DATE	NO. OF COOLERS	ITEM #	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
								[illegible]	3/19/25	15:30

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: 3/19/25

Page 14 of 15

4/1/2025

Foth

CHAIN-OF-CUSTODY / Analytical Request Document

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Page: 3 of 4

COC Number: 1-3865545471-030725-148305

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: Karmin McShane (CRLCSWA)		Project #: 24C034.00
Phone: (319) 365-9565	P.O		Profile #:
Email Addresses: gina.wilming@foth.com	Project Name: CRLCSWA Site 2 GW - Spring 2025	Regulatory Agency: Iowa DNR	Sampling Team Members: Tyler Merritt Curtis Schwartz Randy Ecarius
hannah.dubbs@foth.com	Task #: 24C034_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	Benzene	Cobalt	Sulfide	2,4-D	2,4,5-TP (Silvex)	beta-BHC	gamma-BHC (Lindane)	Heptachlor	Appendix I VOCs	Filtered (Y/N)	REMARKS / Lab ID
25	MW-502_25_04	MW-502	WG	G											X	X										
26	FD-1_25_04		WG	G	3/18/25	—	8	4		1	3				X	X										
27	FD-2_25_04		WG	G	3/18/25	—	8	4		1	3				X	X										
28	FD-3_25_04		WG	G											X	X										
29	FD-4_25_04		WG	G											X	X										
30	FB-1_25_04	Field Blank	WG	G	3/18/25	16:45	13	8		1	3	1			X	X			X	X	X	X	X	X		
31	FB-2_25_04	Field Blank	WG	G											X	X			X	X	X	X	X	X		
32	TB-1_25_04	Trip Blank	WG	G	—	—	4				4														X	
33	TB-2_25_04	Trip Blank	WG	G																					X	
34	TB-3_25_04	Trip Blank	WG	G																					X	
35	TB-4_25_04	Trip Blank	WG	G																					X	
36	MW-204A_25_04	MW-204A	WG	G	3/17/25	18:05	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
								KB	3/19/25	15:30

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: 3/19/25

Foth

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 4 of 4

COC Number: 1-3865545471-030725-148305

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: Karmin McShane (CRLCSWA)		Project #: 24C034.00
Phone: (319) 365-9565	P O		Profile #:
Email Addresses: gina.wilming@foth.com	Project Name: CRLCSWA Site 2 GW - Spring 2025	Regulatory Agency: Iowa DNR	Sampling Team Members: Tyler Merritt Curtis Schwartz Randy Gavin
hannah.dubbs@foth.com	Task #: 24C034_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	Benzene	Cobalt	Sulfide	2,4-D	2,4,5-TP (Silvex)	beta-BHC	gamma-BHC (Lindane)	Heptachlor	Appendix I VOCs	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		
37	MW-204B_25_04	MW-204B	WG	G	3/17/25	17:45	8	4		1	3				X	X											
38	MW-213A_25_04	MW-213A	WG	G	3/17/25	15:45	8	4		1	3				X	X											
39	MW-213B_25_04	MW-213B	WG	G	3/17/25	16:45	8	4		1	3				X	X											
40	MW-214_25_04	MW-214	WG	G	3/17/25	14:05	8	4		1	3				X	X											
41	MW-215_25_04	MW-215	WG	G	3/17/25	14:50	8	4		1	3				X	X											
42	MW-218_25_04	MW-218	WG	G	3/18/25	9:20	8	4		1	3				X	X											
43																											
44																											
45																											
46																											
47																											
48																											

SHIPMENT METHOD	AIRBILL NO.	SHIPPING DATE	NO. OF COOLERS	ITEM #	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
								[signature]	3/19/25	1530

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 [signature]

DATE Signed 3/19/25

4/2/2025

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: 310-81414.1
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 Lancaster Laboratories Environm		Accreditations Required (See note): State Program - Iowa		Job #: 310-302305-1
Address: 2425 New Holland Pike.	Due Date Requested: 4/1/2025			
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: CRLCSWA Site 2 GW - Spring 2025	Project #: 31009776			
Site: N/A	SSOW#: N/A			

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)	8151A/8151A_AP (MOD) Standard Herbicides	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
MW-9AR_25_04 (310-302305-1)	3/17/25	11:45 Central	G	Water			X	2	
MW-303_25_04 (310-302305-12)	3/18/25	14:40 Central	G	Water			X	2	
FB-1_25_04 (310-302305-17)	3/18/25	16:45 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	TR	3 20 25 1505				
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	3/20/25 10:10	ET

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: Not Present

Cooler Temperature(s) °C and Other Remarks: R 3.5 C 3.5

Ver: 10/10/2024

Eurofins Cedar Falls
3019 Venture Way
Cedar Falls, IA 50613
Phone: 319-277-2401 Fax: 319-277-2425

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Calhoun, Conner M	Carrier Tracking No(s): N/A	COC No: 310-81414.1
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 Lancaster Laboratories Environm		Accreditations Required (See note): State Program - Iowa		Job #: 310-302305-1
Address: 2425 New Holland Pike,	Due Date Requested: 4/1/2025			
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: CRLCSWA Site 2 GW - Spring 2025	Project #: 31009776			
Site: N/A	SSOW#: N/A			

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)	8151A/8151A_AP (MOD) Standard Herbicides	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
MW-9AR_25_04 (310-302305-1)	3/17/25	11:45 Central	G	Water			X	2	
MW-303_25_04 (310-302305-12)	3/18/25	14:40 Central	G	Water			X	2	
FB-1_25_04 (310-302305-17)	3/18/25	16:45 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
TR	3/20/25 1505				
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 3/21/25	Company
Relinquished by:	Date/Time	Company	Received by:	Date/Time: 3/21/25 10:10	Company ELET

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.: Not Present	Cooler Temperature(s) °C and Other Remarks: 3.5 C 3.5

Ver: 10/10/2024

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: 310-81411 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 #: 310-302305-1
Address: 18410 Crossing Drive Suite E,	Due Date Requested: 4/1/2025			
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: CRLCSWA Site 2 GW - Spring 2025	Project #: 31009776			
Site: N/A	SSOW#: 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/9030B Sulfide Acid soluble and Insoluble (Tit	Total Number of containers	Special Instructions/Note
			Preservation Code						
MW-9AR_25_04 (310-302305-1)	3/17/25	11:45 Central	G	Water			X	1	
FB-1_25_04 (310-302305-17)	3/18/25	16:45 Central	G	Water			X	1	

Analysis Requested

310-302305 COC

Preservation Codes

Other: N/A

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
[signature]	3/20/25 1455		Stephanie Hernandez	3/21/25 1005	EEA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks. 2.9+2.8

Login Sample Receipt Checklist

Client: Foth Infrastructure & Environment, LLC

Job Number: 310-302305-1
SDG Number: 24C034.00

Login Number: 302305
List Number: 1
Creator: Calhoun, Conner M

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.	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: 310-302305-1
SDG Number: 24C034.00

Login Number: 302305
List Number: 2
Creator: Hernandez, Stephanie

List Source: Eurofins Chicago
List Creation: 03/21/25 06:58 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	2.8
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").	N/A	
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: 310-302305-1
SDG Number: 24C034.00

Login Number: 302305
List Number: 3
Creator: Cyms, Carolyn M

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 03/21/25 06:09 AM

Question	Answer	Comment
The cooler's custody seal is 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 acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	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	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	Not present.
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

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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 4/4/2025 12:38:50 PM

JOB DESCRIPTION

CRLCSWA Site 2 GW - Spring 2025
24C034.00

JOB NUMBER

310-302521-1

Eurofins Cedar Falls
3019 Venture Way
Cedar Falls IA 50613

See page two for job notes and contact information.

myEOL

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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4/4/2025 12:38:50 PM

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

Table of Contents

Job ID: 310-302521-1 Eurofins Cedar Falls

Job Narrative
310-302521-1

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 3/21/2025 2:10 PM. 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 2.1°C, 3.3°C and 3.9°C.

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

Herbicides
Method 8151A: The following sample was diluted due to the nature of the sample matrix: MW-22_25_04 (310-302521-6). Elevated reporting limits (RLs) are provided.

Method 8151A: Surrogate recovery for the following sample was outside the upper control limit: MW-22_25_04 (310-302521-6). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

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.

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
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-302521-1
SDG: 24C034.00

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
310-302521-1	GU-1_25_04	Water	03/20/25 11:25	03/21/25 14:10
310-302521-2	GU-L_25_04	Water	03/20/25 12:45	03/21/25 14:10
310-302521-3	GU-O_25_04	Water	03/20/25 13:00	03/21/25 14:10
310-302521-4	GU-P_25_04	Water	03/20/25 13:15	03/21/25 14:10
310-302521-5	MW-20_25_04	Water	03/20/25 11:50	03/21/25 14:10
310-302521-6	MW-22_25_04	Water	03/20/25 09:05	03/21/25 14:10
310-302521-7	MW-306_25_04	Water	03/20/25 10:45	03/21/25 14:10
310-302521-8	MW-307A_25_04	Water	03/20/25 10:05	03/21/25 14:10
310-302521-9	FD-3_25_04	Water	03/20/25 00:00	03/21/25 14:10
310-302521-10	FB-2_25_04	Water	03/20/25 10:35	03/21/25 14:10
310-302521-11	TB-2_25_04	Water	03/20/25 00:00	03/21/25 14:10

Detection Summary

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-302521-1
SDG: 24C034.00

Client Sample ID: GU-1_25_04 — Lab Sample ID: 310-302521-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	3.29	J	10.0	3.10	ug/L	1		8260D	Total/NA
Arsenic	0.00278		0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.185		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.00231		0.000500	0.000170	mg/L	1		6020B	Total/NA
Nickel	0.0228		0.00500	0.00210	mg/L	1		6020B	Total/NA
Total Suspended Solids	26.0		7.50	5.25	mg/L	1		I-3765-85	Total/NA

Client Sample ID: GU-L_25_04 — Lab Sample ID: 310-302521-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.00178	J	0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.0345		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.00619		0.000500	0.000170	mg/L	1		6020B	Total/NA
Nickel	0.00773		0.00500	0.00210	mg/L	1		6020B	Total/NA
Total Suspended Solids	4.67	J	5.00	3.50	mg/L	1		I-3765-85	Total/NA

Client Sample ID: GU-O_25_04 — Lab Sample ID: 310-302521-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.00125	J	0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.305		0.00200	0.000660	mg/L	1		6020B	Total/NA
Total Suspended Solids	11.7		5.00	3.50	mg/L	1		I-3765-85	Total/NA

Client Sample ID: GU-P_25_04 — Lab Sample ID: 310-302521-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.00181	J	0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.298		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.000496	J	0.000500	0.000170	mg/L	1		6020B	Total/NA
Total Suspended Solids	6.67		5.00	3.50	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-20_25_04 — Lab Sample ID: 310-302521-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dichlorobenzene	0.380	J	1.00	0.230	ug/L	1		8260D	Total/NA
Acetone	4.34	J	10.0	3.10	ug/L	1		8260D	Total/NA
Benzene	4.21		0.500	0.220	ug/L	1		8260D	Total/NA
Chlorobenzene	3.61		1.00	0.400	ug/L	1		8260D	Total/NA
Arsenic	0.00220		0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.801		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.00237		0.000500	0.000170	mg/L	1		6020B	Total/NA
Nickel	0.0136		0.00500	0.00210	mg/L	1		6020B	Total/NA
Vanadium	0.00234	J	0.00500	0.00110	mg/L	1		6020B	Total/NA
Total Suspended Solids	45.0		7.50	5.25	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-22_25_04 — Lab Sample ID: 310-302521-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	1.19		0.500	0.220	ug/L	1		8260D	Total/NA
Chlorobenzene	0.556	J	1.00	0.400	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	0.273	J	1.00	0.210	ug/L	1		8260D	Total/NA
Arsenic	0.00278		0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.944		0.00200	0.000660	mg/L	1		6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Cedar Falls

Client Sample ID: MW-22_25_04 (Continued) — Lab Sample ID: 310-302521-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	0.000341	J	0.000500	0.000170	mg/L	1		6020B	Total/NA
Nickel	0.0309		0.00500	0.00210	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: MW-306_25_04 — Lab Sample ID: 310-302521-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	0.00160		0.000500	0.000170	mg/L	1		6020B	Total/NA
Total Suspended Solids	21.0		5.00	3.50	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-307A_25_04 — Lab Sample ID: 310-302521-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	0.00763		0.000500	0.000170	mg/L	1		6020B	Total/NA
Total Suspended Solids	3.67	J	5.00	3.50	mg/L	1		I-3765-85	Total/NA

Client Sample ID: FD-3_25_04 — Lab Sample ID: 310-302521-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dichlorobenzene	0.310	J	1.00	0.230	ug/L	1		8260D	Total/NA
Acetone	4.56	J	10.0	3.10	ug/L	1		8260D	Total/NA
Benzene	4.25		0.500	0.220	ug/L	1		8260D	Total/NA
Chlorobenzene	3.52		1.00	0.400	ug/L	1		8260D	Total/NA
Arsenic	0.00228		0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.815		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.00237		0.000500	0.000170	mg/L	1		6020B	Total/NA
Nickel	0.0140		0.00500	0.00210	mg/L	1		6020B	Total/NA
Vanadium	0.00233	J	0.00500	0.00110	mg/L	1		6020B	Total/NA
Total Suspended Solids	41.3		10.0	7.00	mg/L	1		I-3765-85	Total/NA

Client Sample ID: FB-2_25_04 — Lab Sample ID: 310-302521-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.500	J	1.00	0.430	ug/L	1		8260D	Total/NA

Client Sample ID: TB-2_25_04 — Lab Sample ID: 310-302521-11

No Detections.

This Detection Summary does not include radiochemical test results.

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-302521-1
SDG: 24C034.00

Client Sample ID: GU-1_25_04
Date Collected: 03/20/25 11:25
Date Received: 03/21/25 14:10

Lab Sample ID: 310-302521-1
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			03/25/25 13:24	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			03/25/25 13:24	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			03/25/25 13:24	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			03/25/25 13:24	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			03/25/25 13:24	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			03/25/25 13:24	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			03/25/25 13:24	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			03/25/25 13:24	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			03/25/25 13:24	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			03/25/25 13:24	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			03/25/25 13:24	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			03/25/25 13:24	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			03/25/25 13:24	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			03/25/25 13:24	1
2-Hexanone	<2.00		10.0	2.00	ug/L			03/25/25 13:24	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			03/25/25 13:24	1
Acetone	**3.29**	**J**	10.0	3.10	ug/L			03/25/25 13:24	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			03/25/25 13:24	1
Benzene	<0.220		0.500	0.220	ug/L			03/25/25 13:24	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			03/25/25 13:24	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			03/25/25 13:24	1
Bromoform	<0.780		5.00	0.780	ug/L			03/25/25 13:24	1
Bromomethane	<1.10		4.00	1.10	ug/L			03/25/25 13:24	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			03/25/25 13:24	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			03/25/25 13:24	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			03/25/25 13:24	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			03/25/25 13:24	1
Chloroethane	<0.790		4.00	0.790	ug/L			03/25/25 13:24	1
Chloroform	<1.30		3.00	1.30	ug/L			03/25/25 13:24	1
Chloromethane	<0.610		3.00	0.610	ug/L			03/25/25 13:24	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			03/25/25 13:24	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			03/25/25 13:24	1
Dibromomethane	<0.330		1.00	0.330	ug/L			03/25/25 13:24	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			03/25/25 13:24	1
Iodomethane	<7.00		10.0	7.00	ug/L			03/25/25 13:24	1
Methylene chloride	<1.70		5.00	1.70	ug/L			03/25/25 13:24	1
Styrene	<0.370		1.00	0.370	ug/L			03/25/25 13:24	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			03/25/25 13:24	1
Toluene	<0.430		1.00	0.430	ug/L			03/25/25 13:24	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			03/25/25 13:24	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			03/25/25 13:24	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			03/25/25 13:24	1
Trichloroethene	<0.430		1.00	0.430	ug/L			03/25/25 13:24	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			03/25/25 13:24	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			03/25/25 13:24	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			03/25/25 13:24	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			03/25/25 13:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*111*		*73 - 130*		*03/25/25 13:24*	*1*

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-302521-1
SDG: 24C034.00

Client Sample ID: GU-1_25_04

Date Collected: 03/20/25 11:25
Date Received: 03/21/25 14:10

Lab Sample ID: 310-302521-1

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*		*03/25/25 13:24*	*1*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*		*03/25/25 13:24*	*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		03/27/25 09:00	03/31/25 16:14	1
Arsenic	**0.00278**		0.00200	0.000530	mg/L		03/27/25 09:00	03/31/25 16:14	1
Barium	**0.185**		0.00200	0.000660	mg/L		03/27/25 09:00	03/31/25 16:14	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		03/27/25 09:00	03/31/25 16:14	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		03/27/25 09:00	03/31/25 16:14	1
Chromium	<0.00120		0.00500	0.00120	mg/L		03/27/25 09:00	03/31/25 16:14	1
Cobalt	**0.00231**		0.000500	0.000170	mg/L		03/27/25 09:00	03/31/25 16:14	1
Copper	<0.00180		0.00500	0.00180	mg/L		03/27/25 09:00	03/31/25 16:14	1
Lead	<0.000260		0.000500	0.000260	mg/L		03/27/25 09:00	03/31/25 16:14	1
Nickel	**0.0228**		0.00500	0.00210	mg/L		03/27/25 09:00	03/31/25 16:14	1
Selenium	<0.00140		0.00500	0.00140	mg/L		03/27/25 09:00	03/31/25 16:14	1
Silver	<0.000500		0.00100	0.000500	mg/L		03/27/25 09:00	03/31/25 16:14	1
Thallium	<0.000570		0.00100	0.000570	mg/L		03/27/25 09:00	03/31/25 16:14	1
Vanadium	<0.00110		0.00500	0.00110	mg/L		03/27/25 09:00	03/31/25 16:14	1
Zinc	<0.00970		0.0200	0.00970	mg/L		03/27/25 09:00	03/31/25 16:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**26.0**		7.50	5.25	mg/L			03/21/25 16:47	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-302521-1
SDG: 24C034.00

Client Sample ID: GU-L_25_04
Date Collected: 03/20/25 12:45
Date Received: 03/21/25 14:10

Lab Sample ID: 310-302521-2
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			03/25/25 13:46	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			03/25/25 13:46	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			03/25/25 13:46	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			03/25/25 13:46	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			03/25/25 13:46	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			03/25/25 13:46	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			03/25/25 13:46	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			03/25/25 13:46	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			03/25/25 13:46	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			03/25/25 13:46	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			03/25/25 13:46	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			03/25/25 13:46	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			03/25/25 13:46	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			03/25/25 13:46	1
2-Hexanone	<2.00		10.0	2.00	ug/L			03/25/25 13:46	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			03/25/25 13:46	1
Acetone	<3.10		10.0	3.10	ug/L			03/25/25 13:46	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			03/25/25 13:46	1
Benzene	<0.220		0.500	0.220	ug/L			03/25/25 13:46	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			03/25/25 13:46	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			03/25/25 13:46	1
Bromoform	<0.780		5.00	0.780	ug/L			03/25/25 13:46	1
Bromomethane	<1.10		4.00	1.10	ug/L			03/25/25 13:46	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			03/25/25 13:46	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			03/25/25 13:46	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			03/25/25 13:46	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			03/25/25 13:46	1
Chloroethane	<0.790		4.00	0.790	ug/L			03/25/25 13:46	1
Chloroform	<1.30		3.00	1.30	ug/L			03/25/25 13:46	1
Chloromethane	<0.610		3.00	0.610	ug/L			03/25/25 13:46	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			03/25/25 13:46	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			03/25/25 13:46	1
Dibromomethane	<0.330		1.00	0.330	ug/L			03/25/25 13:46	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			03/25/25 13:46	1
Iodomethane	<7.00		10.0	7.00	ug/L			03/25/25 13:46	1
Methylene chloride	<1.70		5.00	1.70	ug/L			03/25/25 13:46	1
Styrene	<0.370		1.00	0.370	ug/L			03/25/25 13:46	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			03/25/25 13:46	1
Toluene	<0.430		1.00	0.430	ug/L			03/25/25 13:46	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			03/25/25 13:46	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			03/25/25 13:46	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			03/25/25 13:46	1
Trichloroethene	<0.430		1.00	0.430	ug/L			03/25/25 13:46	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			03/25/25 13:46	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			03/25/25 13:46	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			03/25/25 13:46	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			03/25/25 13:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*109*		*73 - 130*		*03/25/25 13:46*	*1*

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-302521-1
SDG: 24C034.00

Client Sample ID: GU-L_25_04

Date Collected: 03/20/25 12:45
Date Received: 03/21/25 14:10

Lab Sample ID: 310-302521-2

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*		*03/25/25 13:46*	*1*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*		*03/25/25 13:46*	*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		03/27/25 09:00	03/31/25 16:25	1
Arsenic	**0.00178**	**J**	0.00200	0.000530	mg/L		03/27/25 09:00	03/31/25 16:25	1
Barium	**0.0345**		0.00200	0.000660	mg/L		03/27/25 09:00	03/31/25 16:25	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		03/27/25 09:00	03/31/25 16:25	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		03/27/25 09:00	03/31/25 16:25	1
Chromium	<0.00120		0.00500	0.00120	mg/L		03/27/25 09:00	03/31/25 16:25	1
Cobalt	**0.00619**		0.000500	0.000170	mg/L		03/27/25 09:00	03/31/25 16:25	1
Copper	<0.00180		0.00500	0.00180	mg/L		03/27/25 09:00	03/31/25 16:25	1
Lead	<0.000260		0.000500	0.000260	mg/L		03/27/25 09:00	03/31/25 16:25	1
Nickel	**0.00773**		0.00500	0.00210	mg/L		03/27/25 09:00	03/31/25 16:25	1
Selenium	<0.00140		0.00500	0.00140	mg/L		03/27/25 09:00	03/31/25 16:25	1
Silver	<0.000500		0.00100	0.000500	mg/L		03/27/25 09:00	03/31/25 16:25	1
Thallium	<0.000570		0.00100	0.000570	mg/L		03/27/25 09:00	03/31/25 16:25	1
Vanadium	<0.00110		0.00500	0.00110	mg/L		03/27/25 09:00	03/31/25 16:25	1
Zinc	<0.00970		0.0200	0.00970	mg/L		03/27/25 09:00	03/31/25 16:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**4.67**	**J**	5.00	3.50	mg/L			03/21/25 16:47	1

Client Sample ID: GU-O_25_04

Date Collected: 03/20/25 13:00
Date Received: 03/21/25 14:10

Lab Sample ID: 310-302521-3

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			03/25/25 14:07	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			03/25/25 14:07	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			03/25/25 14:07	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			03/25/25 14:07	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			03/25/25 14:07	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			03/25/25 14:07	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			03/25/25 14:07	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			03/25/25 14:07	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			03/25/25 14:07	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			03/25/25 14:07	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			03/25/25 14:07	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			03/25/25 14:07	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			03/25/25 14:07	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			03/25/25 14:07	1
2-Hexanone	<2.00		10.0	2.00	ug/L			03/25/25 14:07	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			03/25/25 14:07	1
Acetone	<3.10		10.0	3.10	ug/L			03/25/25 14:07	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			03/25/25 14:07	1
Benzene	<0.220		0.500	0.220	ug/L			03/25/25 14:07	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			03/25/25 14:07	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			03/25/25 14:07	1
Bromoform	<0.780		5.00	0.780	ug/L			03/25/25 14:07	1
Bromomethane	<1.10		4.00	1.10	ug/L			03/25/25 14:07	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			03/25/25 14:07	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			03/25/25 14:07	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			03/25/25 14:07	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			03/25/25 14:07	1
Chloroethane	<0.790		4.00	0.790	ug/L			03/25/25 14:07	1
Chloroform	<1.30		3.00	1.30	ug/L			03/25/25 14:07	1
Chloromethane	<0.610		3.00	0.610	ug/L			03/25/25 14:07	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			03/25/25 14:07	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			03/25/25 14:07	1
Dibromomethane	<0.330		1.00	0.330	ug/L			03/25/25 14:07	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			03/25/25 14:07	1
Iodomethane	<7.00		10.0	7.00	ug/L			03/25/25 14:07	1
Methylene chloride	<1.70		5.00	1.70	ug/L			03/25/25 14:07	1
Styrene	<0.370		1.00	0.370	ug/L			03/25/25 14:07	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			03/25/25 14:07	1
Toluene	<0.430		1.00	0.430	ug/L			03/25/25 14:07	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			03/25/25 14:07	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			03/25/25 14:07	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			03/25/25 14:07	1
Trichloroethene	<0.430		1.00	0.430	ug/L			03/25/25 14:07	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			03/25/25 14:07	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			03/25/25 14:07	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			03/25/25 14:07	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			03/25/25 14:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*107*		*73 - 130*		*03/25/25 14:07*	*1*

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-302521-1
SDG: 24C034.00

Client Sample ID: GU-O_25_04

Date Collected: 03/20/25 13:00
Date Received: 03/21/25 14:10

Lab Sample ID: 310-302521-3

Matrix: Water

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*95*		*80 - 120*		*03/25/25 14:07*	*1*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*		*03/25/25 14:07*	*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		03/27/25 09:00	03/31/25 16:28	1
Arsenic	**0.00125**	**J**	0.00200	0.000530	mg/L		03/27/25 09:00	03/31/25 16:28	1
Barium	**0.305**		0.00200	0.000660	mg/L		03/27/25 09:00	03/31/25 16:28	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		03/27/25 09:00	03/31/25 16:28	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		03/27/25 09:00	03/31/25 16:28	1
Chromium	<0.00120		0.00500	0.00120	mg/L		03/27/25 09:00	03/31/25 16:28	1
Cobalt	<0.000170		0.000500	0.000170	mg/L		03/27/25 09:00	03/31/25 16:28	1
Copper	<0.00180		0.00500	0.00180	mg/L		03/27/25 09:00	03/31/25 16:28	1
Lead	<0.000260		0.000500	0.000260	mg/L		03/27/25 09:00	03/31/25 16:28	1
Nickel	<0.00210		0.00500	0.00210	mg/L		03/27/25 09:00	03/31/25 16:28	1
Selenium	<0.00140		0.00500	0.00140	mg/L		03/27/25 09:00	03/31/25 16:28	1
Silver	<0.000500		0.00100	0.000500	mg/L		03/27/25 09:00	03/31/25 16:28	1
Thallium	<0.000570		0.00100	0.000570	mg/L		03/27/25 09:00	03/31/25 16:28	1
Vanadium	<0.00110		0.00500	0.00110	mg/L		03/27/25 09:00	03/31/25 16:28	1
Zinc	<0.00970		0.0200	0.00970	mg/L		03/27/25 09:00	03/31/25 16:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**11.7**		5.00	3.50	mg/L			03/21/25 16:47	1

Client Sample ID: GU-P_25_04

Date Collected: 03/20/25 13:15
Date Received: 03/21/25 14:10

Lab Sample ID: 310-302521-4

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			03/25/25 14:29	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			03/25/25 14:29	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			03/25/25 14:29	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			03/25/25 14:29	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			03/25/25 14:29	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			03/25/25 14:29	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			03/25/25 14:29	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			03/25/25 14:29	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			03/25/25 14:29	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			03/25/25 14:29	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			03/25/25 14:29	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			03/25/25 14:29	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			03/25/25 14:29	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			03/25/25 14:29	1
2-Hexanone	<2.00		10.0	2.00	ug/L			03/25/25 14:29	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			03/25/25 14:29	1
Acetone	<3.10		10.0	3.10	ug/L			03/25/25 14:29	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			03/25/25 14:29	1
Benzene	<0.220		0.500	0.220	ug/L			03/25/25 14:29	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			03/25/25 14:29	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			03/25/25 14:29	1
Bromoform	<0.780		5.00	0.780	ug/L			03/25/25 14:29	1
Bromomethane	<1.10		4.00	1.10	ug/L			03/25/25 14:29	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			03/25/25 14:29	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			03/25/25 14:29	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			03/25/25 14:29	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			03/25/25 14:29	1
Chloroethane	<0.790		4.00	0.790	ug/L			03/25/25 14:29	1
Chloroform	<1.30		3.00	1.30	ug/L			03/25/25 14:29	1
Chloromethane	<0.610		3.00	0.610	ug/L			03/25/25 14:29	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			03/25/25 14:29	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			03/25/25 14:29	1
Dibromomethane	<0.330		1.00	0.330	ug/L			03/25/25 14:29	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			03/25/25 14:29	1
Iodomethane	<7.00		10.0	7.00	ug/L			03/25/25 14:29	1
Methylene chloride	<1.70		5.00	1.70	ug/L			03/25/25 14:29	1
Styrene	<0.370		1.00	0.370	ug/L			03/25/25 14:29	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			03/25/25 14:29	1
Toluene	<0.430		1.00	0.430	ug/L			03/25/25 14:29	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			03/25/25 14:29	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			03/25/25 14:29	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			03/25/25 14:29	1
Trichloroethene	<0.430		1.00	0.430	ug/L			03/25/25 14:29	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			03/25/25 14:29	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			03/25/25 14:29	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			03/25/25 14:29	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			03/25/25 14:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*111*		*73 - 130*		*03/25/25 14:29*	*1*

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-302521-1
SDG: 24C034.00

Client Sample ID: GU-P_25_04

Date Collected: 03/20/25 13:15
Date Received: 03/21/25 14:10

Lab Sample ID: 310-302521-4

Matrix: Water

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*96*		*80 - 120*		*03/25/25 14:29*	*1*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*		*03/25/25 14:29*	*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		03/27/25 09:00	03/31/25 16:31	1
Arsenic	**0.00181**	**J**	0.00200	0.000530	mg/L		03/27/25 09:00	03/31/25 16:31	1
Barium	**0.298**		0.00200	0.000660	mg/L		03/27/25 09:00	03/31/25 16:31	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		03/27/25 09:00	03/31/25 16:31	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		03/27/25 09:00	03/31/25 16:31	1
Chromium	<0.00120		0.00500	0.00120	mg/L		03/27/25 09:00	03/31/25 16:31	1
Cobalt	**0.000496**	**J**	0.000500	0.000170	mg/L		03/27/25 09:00	03/31/25 16:31	1
Copper	<0.00180		0.00500	0.00180	mg/L		03/27/25 09:00	03/31/25 16:31	1
Lead	<0.000260		0.000500	0.000260	mg/L		03/27/25 09:00	03/31/25 16:31	1
Nickel	<0.00210		0.00500	0.00210	mg/L		03/27/25 09:00	03/31/25 16:31	1
Selenium	<0.00140		0.00500	0.00140	mg/L		03/27/25 09:00	03/31/25 16:31	1
Silver	<0.000500		0.00100	0.000500	mg/L		03/27/25 09:00	03/31/25 16:31	1
Thallium	<0.000570		0.00100	0.000570	mg/L		03/27/25 09:00	03/31/25 16:31	1
Vanadium	<0.00110		0.00500	0.00110	mg/L		03/27/25 09:00	03/31/25 16:31	1
Zinc	<0.00970		0.0200	0.00970	mg/L		03/27/25 09:00	03/31/25 16:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**6.67**		5.00	3.50	mg/L			03/21/25 16:47	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-302521-1
SDG: 24C034.00

Client Sample ID: MW-20_25_04
Date Collected: 03/20/25 11:50
Date Received: 03/21/25 14:10

Lab Sample ID: 310-302521-5
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			03/25/25 14:51	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			03/25/25 14:51	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			03/25/25 14:51	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			03/25/25 14:51	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			03/25/25 14:51	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			03/25/25 14:51	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			03/25/25 14:51	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			03/25/25 14:51	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			03/25/25 14:51	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			03/25/25 14:51	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			03/25/25 14:51	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			03/25/25 14:51	1
1,4-Dichlorobenzene	**0.380**	**J**	1.00	0.230	ug/L			03/25/25 14:51	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			03/25/25 14:51	1
2-Hexanone	<2.00		10.0	2.00	ug/L			03/25/25 14:51	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			03/25/25 14:51	1
Acetone	**4.34**	**J**	10.0	3.10	ug/L			03/25/25 14:51	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			03/25/25 14:51	1
Benzene	**4.21**		0.500	0.220	ug/L			03/25/25 14:51	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			03/25/25 14:51	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			03/25/25 14:51	1
Bromoform	<0.780		5.00	0.780	ug/L			03/25/25 14:51	1
Bromomethane	<1.10		4.00	1.10	ug/L			03/25/25 14:51	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			03/25/25 14:51	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			03/25/25 14:51	1
Chlorobenzene	**3.61**		1.00	0.400	ug/L			03/25/25 14:51	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			03/25/25 14:51	1
Chloroethane	<0.790		4.00	0.790	ug/L			03/25/25 14:51	1
Chloroform	<1.30		3.00	1.30	ug/L			03/25/25 14:51	1
Chloromethane	<0.610		3.00	0.610	ug/L			03/25/25 14:51	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			03/25/25 14:51	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			03/25/25 14:51	1
Dibromomethane	<0.330		1.00	0.330	ug/L			03/25/25 14:51	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			03/25/25 14:51	1
Iodomethane	<7.00		10.0	7.00	ug/L			03/25/25 14:51	1
Methylene chloride	<1.70		5.00	1.70	ug/L			03/25/25 14:51	1
Styrene	<0.370		1.00	0.370	ug/L			03/25/25 14:51	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			03/25/25 14:51	1
Toluene	<0.430		1.00	0.430	ug/L			03/25/25 14:51	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			03/25/25 14:51	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			03/25/25 14:51	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			03/25/25 14:51	1
Trichloroethene	<0.430		1.00	0.430	ug/L			03/25/25 14:51	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			03/25/25 14:51	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			03/25/25 14:51	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			03/25/25 14:51	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			03/25/25 14:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*110*		*73 - 130*		*03/25/25 14:51*	*1*

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-302521-1
SDG: 24C034.00

Client Sample ID: MW-20_25_04

Date Collected: 03/20/25 11:50
Date Received: 03/21/25 14:10

Lab Sample ID: 310-302521-5

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*		*03/25/25 14:51*	*1*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*		*03/25/25 14:51*	*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		03/27/25 09:00	03/31/25 16:34	1
Arsenic	**0.00220**		0.00200	0.000530	mg/L		03/27/25 09:00	03/31/25 16:34	1
Barium	**0.801**		0.00200	0.000660	mg/L		03/27/25 09:00	03/31/25 16:34	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		03/27/25 09:00	03/31/25 16:34	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		03/27/25 09:00	03/31/25 16:34	1
Chromium	<0.00120		0.00500	0.00120	mg/L		03/27/25 09:00	03/31/25 16:34	1
Cobalt	**0.00237**		0.000500	0.000170	mg/L		03/27/25 09:00	03/31/25 16:34	1
Copper	<0.00180		0.00500	0.00180	mg/L		03/27/25 09:00	03/31/25 16:34	1
Lead	<0.000260		0.000500	0.000260	mg/L		03/27/25 09:00	03/31/25 16:34	1
Nickel	**0.0136**		0.00500	0.00210	mg/L		03/27/25 09:00	03/31/25 16:34	1
Selenium	<0.00140		0.00500	0.00140	mg/L		03/27/25 09:00	03/31/25 16:34	1
Silver	<0.000500		0.00100	0.000500	mg/L		03/27/25 09:00	03/31/25 16:34	1
Thallium	<0.000570		0.00100	0.000570	mg/L		03/27/25 09:00	03/31/25 16:34	1
Vanadium	**0.00234**	**J**	0.00500	0.00110	mg/L		03/27/25 09:00	03/31/25 16:34	1
Zinc	<0.00970		0.0200	0.00970	mg/L		03/27/25 09:00	03/31/25 16:34	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**45.0**		7.50	5.25	mg/L			03/21/25 17:33	1

Client Sample ID: MW-22_25_04

Date Collected: 03/20/25 09:05
Date Received: 03/21/25 14:10

Lab Sample ID: 310-302521-6

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			03/25/25 15:13	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			03/25/25 15:13	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			03/25/25 15:13	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			03/25/25 15:13	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			03/25/25 15:13	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			03/25/25 15:13	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			03/25/25 15:13	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			03/25/25 15:13	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			03/25/25 15:13	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			03/25/25 15:13	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			03/25/25 15:13	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			03/25/25 15:13	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			03/25/25 15:13	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			03/25/25 15:13	1
2-Hexanone	<2.00		10.0	2.00	ug/L			03/25/25 15:13	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			03/25/25 15:13	1
Acetone	<3.10		10.0	3.10	ug/L			03/25/25 15:13	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			03/25/25 15:13	1
Benzene	**1.19**		0.500	0.220	ug/L			03/25/25 15:13	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			03/25/25 15:13	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			03/25/25 15:13	1
Bromoform	<0.780		5.00	0.780	ug/L			03/25/25 15:13	1
Bromomethane	<1.10		4.00	1.10	ug/L			03/25/25 15:13	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			03/25/25 15:13	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			03/25/25 15:13	1
Chlorobenzene	**0.556**	**J**	1.00	0.400	ug/L			03/25/25 15:13	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			03/25/25 15:13	1
Chloroethane	<0.790		4.00	0.790	ug/L			03/25/25 15:13	1
Chloroform	<1.30		3.00	1.30	ug/L			03/25/25 15:13	1
Chloromethane	<0.610		3.00	0.610	ug/L			03/25/25 15:13	1
cis-1,2-Dichloroethene	**0.273**	**J**	1.00	0.210	ug/L			03/25/25 15:13	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			03/25/25 15:13	1
Dibromomethane	<0.330		1.00	0.330	ug/L			03/25/25 15:13	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			03/25/25 15:13	1
Iodomethane	<7.00		10.0	7.00	ug/L			03/25/25 15:13	1
Methylene chloride	<1.70		5.00	1.70	ug/L			03/25/25 15:13	1
Styrene	<0.370		1.00	0.370	ug/L			03/25/25 15:13	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			03/25/25 15:13	1
Toluene	<0.430		1.00	0.430	ug/L			03/25/25 15:13	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			03/25/25 15:13	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			03/25/25 15:13	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			03/25/25 15:13	1
Trichloroethene	<0.430		1.00	0.430	ug/L			03/25/25 15:13	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			03/25/25 15:13	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			03/25/25 15:13	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			03/25/25 15:13	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			03/25/25 15:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*109*		*73 - 130*		*03/25/25 15:13*	*1*

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-302521-1
SDG: 24C034.00

Client Sample ID: MW-22_25_04

Date Collected: 03/20/25 09:05
Date Received: 03/21/25 14:10

Lab Sample ID: 310-302521-6

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*		*03/25/25 15:13*	*1*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*		*03/25/25 15:13*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
beta-BHC	<0.0396		0.0943	0.0396	ug/L		03/25/25 12:40	03/25/25 15:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*110*		*10 - 136*	*03/25/25 12:40*	*03/25/25 15:46*	*1*
Tetrachloro-m-xylene	*91*		*10 - 130*	*03/25/25 12:40*	*03/25/25 15:46*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	<0.119		0.271	0.119	ug/L		03/26/25 20:37	03/27/25 19:37	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid (Surr)	*109*	*p*	*34 - 142*	*03/26/25 20:37*	*03/27/25 19:37*	*5*
2,4-Dichlorophenylacetic acid (Surr)	*176*	*S1+*	*34 - 142*	*03/26/25 20:37*	*03/27/25 19:37*	*5*

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		03/27/25 09:00	03/31/25 16:36	1
Arsenic	**0.00278**		0.00200	0.000530	mg/L		03/27/25 09:00	03/31/25 16:36	1
Barium	**0.944**		0.00200	0.000660	mg/L		03/27/25 09:00	03/31/25 16:36	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		03/27/25 09:00	03/31/25 16:36	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		03/27/25 09:00	03/31/25 16:36	1
Chromium	<0.00120		0.00500	0.00120	mg/L		03/27/25 09:00	03/31/25 16:36	1
Cobalt	**0.000341**	**J**	0.000500	0.000170	mg/L		03/27/25 09:00	03/31/25 16:36	1
Copper	<0.00180		0.00500	0.00180	mg/L		03/27/25 09:00	03/31/25 16:36	1
Lead	<0.000260		0.000500	0.000260	mg/L		03/27/25 09:00	03/31/25 16:36	1
Nickel	**0.0309**		0.00500	0.00210	mg/L		03/27/25 09:00	03/31/25 16:36	1
Selenium	<0.00140		0.00500	0.00140	mg/L		03/27/25 09:00	03/31/25 16:36	1
Silver	<0.000500		0.00100	0.000500	mg/L		03/27/25 09:00	03/31/25 16:36	1
Thallium	<0.000570		0.00100	0.000570	mg/L		03/27/25 09:00	03/31/25 16:36	1
Vanadium	<0.00110		0.00500	0.00110	mg/L		03/27/25 09:00	03/31/25 16:36	1
Zinc	<0.00970		0.0200	0.00970	mg/L		03/27/25 09:00	03/31/25 16:36	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			03/21/25 17:33	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-302521-1
SDG: 24C034.00

Client Sample ID: MW-306_25_04

Date Collected: 03/20/25 10:45
Date Received: 03/21/25 14:10

Lab Sample ID: 310-302521-7

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.220		0.500	0.220	ug/L			03/24/25 13:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*98*		*73 - 130*		*03/24/25 13:46*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*03/24/25 13:46*	*1*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*		*03/24/25 13:46*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	**0.00160**		0.000500	0.000170	mg/L		03/27/25 09:00	03/28/25 15:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**21.0**		5.00	3.50	mg/L			03/21/25 17:33	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-302521-1
SDG: 24C034.00

Client Sample ID: MW-307A_25_04

Date Collected: 03/20/25 10:05
Date Received: 03/21/25 14:10

Lab Sample ID: 310-302521-8

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.220		0.500	0.220	ug/L			03/24/25 14:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*95*		*73 - 130*		*03/24/25 14:08*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*03/24/25 14:08*	*1*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*		*03/24/25 14:08*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	**0.00763**		0.000500	0.000170	mg/L		03/27/25 09:00	03/31/25 14:00	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**3.67**	**J**	5.00	3.50	mg/L			03/21/25 17:33	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-302521-1
SDG: 24C034.00

Client Sample ID: FD-3_25_04
Date Collected: 03/20/25 00:00
Date Received: 03/21/25 14:10

Lab Sample ID: 310-302521-9
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			03/25/25 15:35	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			03/25/25 15:35	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			03/25/25 15:35	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			03/25/25 15:35	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			03/25/25 15:35	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			03/25/25 15:35	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			03/25/25 15:35	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			03/25/25 15:35	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			03/25/25 15:35	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			03/25/25 15:35	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			03/25/25 15:35	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			03/25/25 15:35	1
1,4-Dichlorobenzene	**0.310**	**J**	1.00	0.230	ug/L			03/25/25 15:35	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			03/25/25 15:35	1
2-Hexanone	<2.00		10.0	2.00	ug/L			03/25/25 15:35	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			03/25/25 15:35	1
Acetone	**4.56**	**J**	10.0	3.10	ug/L			03/25/25 15:35	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			03/25/25 15:35	1
Benzene	**4.25**		0.500	0.220	ug/L			03/25/25 15:35	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			03/25/25 15:35	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			03/25/25 15:35	1
Bromoform	<0.780		5.00	0.780	ug/L			03/25/25 15:35	1
Bromomethane	<1.10		4.00	1.10	ug/L			03/25/25 15:35	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			03/25/25 15:35	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			03/25/25 15:35	1
Chlorobenzene	**3.52**		1.00	0.400	ug/L			03/25/25 15:35	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			03/25/25 15:35	1
Chloroethane	<0.790		4.00	0.790	ug/L			03/25/25 15:35	1
Chloroform	<1.30		3.00	1.30	ug/L			03/25/25 15:35	1
Chloromethane	<0.610		3.00	0.610	ug/L			03/25/25 15:35	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			03/25/25 15:35	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			03/25/25 15:35	1
Dibromomethane	<0.330		1.00	0.330	ug/L			03/25/25 15:35	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			03/25/25 15:35	1
Iodomethane	<7.00		10.0	7.00	ug/L			03/25/25 15:35	1
Methylene chloride	<1.70		5.00	1.70	ug/L			03/25/25 15:35	1
Styrene	<0.370		1.00	0.370	ug/L			03/25/25 15:35	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			03/25/25 15:35	1
Toluene	<0.430		1.00	0.430	ug/L			03/25/25 15:35	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			03/25/25 15:35	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			03/25/25 15:35	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			03/25/25 15:35	1
Trichloroethene	<0.430		1.00	0.430	ug/L			03/25/25 15:35	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			03/25/25 15:35	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			03/25/25 15:35	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			03/25/25 15:35	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			03/25/25 15:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*109*		*73 - 130*		*03/25/25 15:35*	*1*

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-302521-1
SDG: 24C034.00

Client Sample ID: FD-3_25_04

Date Collected: 03/20/25 00:00
Date Received: 03/21/25 14:10

Lab Sample ID: 310-302521-9

Matrix: Water

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*95*		*80 - 120*		*03/25/25 15:35*	*1*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*		*03/25/25 15:35*	*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		03/27/25 09:00	03/31/25 14:08	1
Arsenic	**0.00228**		0.00200	0.000530	mg/L		03/27/25 09:00	03/31/25 14:08	1
Barium	**0.815**		0.00200	0.000660	mg/L		03/27/25 09:00	03/31/25 14:08	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		03/27/25 09:00	03/31/25 14:08	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		03/27/25 09:00	03/31/25 14:08	1
Chromium	<0.00120		0.00500	0.00120	mg/L		03/27/25 09:00	03/31/25 14:08	1
Cobalt	**0.00237**		0.000500	0.000170	mg/L		03/27/25 09:00	03/31/25 14:08	1
Copper	<0.00180		0.00500	0.00180	mg/L		03/27/25 09:00	03/31/25 14:08	1
Lead	<0.000260		0.000500	0.000260	mg/L		03/27/25 09:00	03/31/25 14:08	1
Nickel	**0.0140**		0.00500	0.00210	mg/L		03/27/25 09:00	03/31/25 14:08	1
Selenium	<0.00140		0.00500	0.00140	mg/L		03/27/25 09:00	03/31/25 14:08	1
Silver	<0.000500		0.00100	0.000500	mg/L		03/27/25 09:00	03/31/25 14:08	1
Thallium	<0.000570		0.00100	0.000570	mg/L		03/27/25 09:00	03/31/25 14:08	1
Vanadium	**0.00233**	**J**	0.00500	0.00110	mg/L		03/27/25 09:00	03/31/25 14:08	1
Zinc	<0.00970		0.0200	0.00970	mg/L		03/27/25 09:00	03/31/25 14:08	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**41.3**		10.0	7.00	mg/L			03/21/25 17:33	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-302521-1
SDG: 24C034.00

Client Sample ID: FB-2_25_04
Date Collected: 03/20/25 10:35
Date Received: 03/21/25 14:10

Lab Sample ID: 310-302521-10
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			03/25/25 12:19	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			03/25/25 12:19	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			03/25/25 12:19	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			03/25/25 12:19	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			03/25/25 12:19	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			03/25/25 12:19	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			03/25/25 12:19	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			03/25/25 12:19	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			03/25/25 12:19	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			03/25/25 12:19	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			03/25/25 12:19	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			03/25/25 12:19	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			03/25/25 12:19	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			03/25/25 12:19	1
2-Hexanone	<2.00		10.0	2.00	ug/L			03/25/25 12:19	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			03/25/25 12:19	1
Acetone	<3.10		10.0	3.10	ug/L			03/25/25 12:19	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			03/25/25 12:19	1
Benzene	<0.220		0.500	0.220	ug/L			03/25/25 12:19	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			03/25/25 12:19	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			03/25/25 12:19	1
Bromoform	<0.780		5.00	0.780	ug/L			03/25/25 12:19	1
Bromomethane	<1.10		4.00	1.10	ug/L			03/25/25 12:19	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			03/25/25 12:19	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			03/25/25 12:19	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			03/25/25 12:19	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			03/25/25 12:19	1
Chloroethane	<0.790		4.00	0.790	ug/L			03/25/25 12:19	1
Chloroform	<1.30		3.00	1.30	ug/L			03/25/25 12:19	1
Chloromethane	<0.610		3.00	0.610	ug/L			03/25/25 12:19	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			03/25/25 12:19	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			03/25/25 12:19	1
Dibromomethane	<0.330		1.00	0.330	ug/L			03/25/25 12:19	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			03/25/25 12:19	1
Iodomethane	<7.00		10.0	7.00	ug/L			03/25/25 12:19	1
Methylene chloride	<1.70		5.00	1.70	ug/L			03/25/25 12:19	1
Styrene	<0.370		1.00	0.370	ug/L			03/25/25 12:19	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			03/25/25 12:19	1
Toluene	**0.500**	**J**	1.00	0.430	ug/L			03/25/25 12:19	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			03/25/25 12:19	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			03/25/25 12:19	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			03/25/25 12:19	1
Trichloroethene	<0.430		1.00	0.430	ug/L			03/25/25 12:19	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			03/25/25 12:19	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			03/25/25 12:19	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			03/25/25 12:19	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			03/25/25 12:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*110*		*73 - 130*		*03/25/25 12:19*	*1*

Client Sample ID: FB-2_25_04

Lab Sample ID: 310-302521-10

Date Collected: 03/20/25 10:35

Matrix: Water

Date Received: 03/21/25 14:10

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*95*		*80 - 120*		*03/25/25 12:19*	*1*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*		*03/25/25 12:19*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
beta-BHC	<0.0389		0.0926	0.0389	ug/L		03/25/25 12:40	03/25/25 15:59	1
Heptachlor	<0.0213		0.0926	0.0213	ug/L		03/25/25 12:40	03/25/25 15:59	1
gamma-BHC (Lindane)	<0.00926		0.0926	0.00926	ug/L		03/25/25 12:40	03/25/25 15:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*109*		*10 - 136*	*03/25/25 12:40*	*03/25/25 15:59*	*1*
Tetrachloro-m-xylene	*80*		*10 - 130*	*03/25/25 12:40*	*03/25/25 15:59*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	<0.0225		0.0512	0.0225	ug/L		03/26/25 20:37	03/27/25 20:05	1
2,4-D	<0.256		0.614	0.256	ug/L		03/26/25 20:37	03/27/25 20:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid (Surr)	*111*		*34 - 142*	*03/26/25 20:37*	*03/27/25 20:05*	*1*
2,4-Dichlorophenylacetic acid (Surr)	*102*		*34 - 142*	*03/26/25 20:37*	*03/27/25 20:05*	*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		03/27/25 09:00	03/31/25 14:11	1
Arsenic	<0.000530		0.00200	0.000530	mg/L		03/27/25 09:00	03/31/25 14:11	1
Barium	<0.000660		0.00200	0.000660	mg/L		03/27/25 09:00	03/31/25 14:11	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		03/27/25 09:00	03/31/25 14:11	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		03/27/25 09:00	03/31/25 14:11	1
Chromium	<0.00120		0.00500	0.00120	mg/L		03/27/25 09:00	03/31/25 14:11	1
Cobalt	<0.000170		0.000500	0.000170	mg/L		03/27/25 09:00	03/31/25 14:11	1
Copper	<0.00180		0.00500	0.00180	mg/L		03/27/25 09:00	03/31/25 14:11	1
Lead	<0.000260		0.000500	0.000260	mg/L		03/27/25 09:00	03/31/25 14:11	1
Nickel	<0.00210		0.00500	0.00210	mg/L		03/27/25 09:00	03/31/25 14:11	1
Selenium	<0.00140		0.00500	0.00140	mg/L		03/27/25 09:00	03/31/25 14:11	1
Silver	<0.000500		0.00100	0.000500	mg/L		03/27/25 09:00	03/31/25 14:11	1
Thallium	<0.000570		0.00100	0.000570	mg/L		03/27/25 09:00	03/31/25 14:11	1
Vanadium	<0.00110		0.00500	0.00110	mg/L		03/27/25 09:00	03/31/25 14:11	1
Zinc	<0.00970		0.0200	0.00970	mg/L		03/27/25 09:00	03/31/25 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		03/23/25 18:20	03/24/25 02:21	1
Total Suspended Solids (USGS I-3765-85)	<3.50		5.00	3.50	mg/L			03/21/25 16:47	1

Client Sample ID: TB-2_25_04

Date Collected: 03/20/25 00:00
Date Received: 03/21/25 14:10

Lab Sample ID: 310-302521-11

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			03/25/25 12:40	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			03/25/25 12:40	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			03/25/25 12:40	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			03/25/25 12:40	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			03/25/25 12:40	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			03/25/25 12:40	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			03/25/25 12:40	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			03/25/25 12:40	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			03/25/25 12:40	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			03/25/25 12:40	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			03/25/25 12:40	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			03/25/25 12:40	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			03/25/25 12:40	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			03/25/25 12:40	1
2-Hexanone	<2.00		10.0	2.00	ug/L			03/25/25 12:40	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			03/25/25 12:40	1
Acetone	<3.10		10.0	3.10	ug/L			03/25/25 12:40	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			03/25/25 12:40	1
Benzene	<0.220		0.500	0.220	ug/L			03/25/25 12:40	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			03/25/25 12:40	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			03/25/25 12:40	1
Bromoform	<0.780		5.00	0.780	ug/L			03/25/25 12:40	1
Bromomethane	<1.10		4.00	1.10	ug/L			03/25/25 12:40	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			03/25/25 12:40	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			03/25/25 12:40	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			03/25/25 12:40	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			03/25/25 12:40	1
Chloroethane	<0.790		4.00	0.790	ug/L			03/25/25 12:40	1
Chloroform	<1.30		3.00	1.30	ug/L			03/25/25 12:40	1
Chloromethane	<0.610		3.00	0.610	ug/L			03/25/25 12:40	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			03/25/25 12:40	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			03/25/25 12:40	1
Dibromomethane	<0.330		1.00	0.330	ug/L			03/25/25 12:40	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			03/25/25 12:40	1
Iodomethane	<7.00		10.0	7.00	ug/L			03/25/25 12:40	1
Methylene chloride	<1.70		5.00	1.70	ug/L			03/25/25 12:40	1
Styrene	<0.370		1.00	0.370	ug/L			03/25/25 12:40	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			03/25/25 12:40	1
Toluene	<0.430		1.00	0.430	ug/L			03/25/25 12:40	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			03/25/25 12:40	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			03/25/25 12:40	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			03/25/25 12:40	1
Trichloroethene	<0.430		1.00	0.430	ug/L			03/25/25 12:40	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			03/25/25 12:40	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			03/25/25 12:40	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			03/25/25 12:40	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			03/25/25 12:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*110*		*73 - 130*		*03/25/25 12:40*	*1*

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-302521-1
SDG: 24C034.00

Client Sample ID: TB-2_25_04
Date Collected: 03/20/25 00:00
Date Received: 03/21/25 14:10

Lab Sample ID: 310-302521-11
Matrix: Water

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	96		80 - 120		03/25/25 12:40	1
4-Bromofluorobenzene (Surr)	100		80 - 120		03/25/25 12:40	1

Qualifiers

GC/MS VOA

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.
F2	MS/MSD RPD exceeds control limits
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.
S1+	Surrogate recovery exceeds control limits, high 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.
F1	MS and/or MSD recovery exceeds control limits.
F3	Duplicate RPD exceeds the control limit
F5	Duplicate RPD exceeds limit, and one or both sample results are less than 5 times RL, and the absolute difference between results is < the upper reporting limits for both.
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)

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
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: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-302521-1
SDG: 24C034.00

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)
310-302517-B-1 MS	Matrix Spike	97	98	95
310-302517-B-1 MSD	Matrix Spike Duplicate	96	97	91
310-302521-1	GU-1_25_04	111	94	101
310-302521-2	GU-L_25_04	109	94	102
310-302521-3	GU-O_25_04	107	95	98
310-302521-4	GU-P_25_04	111	96	102
310-302521-5	MW-20_25_04	110	94	99
310-302521-6	MW-22_25_04	109	94	98
310-302521-7	MW-306_25_04	98	101	103
310-302521-8	MW-307A_25_04	95	98	101
310-302521-9	FD-3_25_04	109	95	101
310-302521-10	FB-2_25_04	110	95	99
310-302521-11	TB-2_25_04	110	96	100
310-302545-D-3 MS	Matrix Spike	98	105	102
310-302545-D-3 MSD	Matrix Spike Duplicate	95	104	102
LCS 310-449604/6	Lab Control Sample	93	105	98
LCS 310-449706/6	Lab Control Sample	96	99	96
LCS 310-449706/7	Lab Control Sample	109	95	104
MB 310-449604/5	Method Blank	107	98	99
MB 310-449706/5	Method Blank	113	95	103

Surrogate Legend

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

Method: 8081B - Organochlorine Pesticides (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)	
		DCB1	TCX1
Lab Sample ID	Client Sample ID	(10-136)	(10-130)
310-302521-6	MW-22_25_04	110	91
310-302521-10	FB-2_25_04	109	80
LB 310-449620/1-C	Method Blank	104	92
LCS 310-449735/3-A	Lab Control Sample	119	96
MB 310-449735/1-A	Method Blank	109	90

Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)
TCX = Tetrachloro-m-xylene

Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Water — **Prep Type: TCLP**

		Percent Surrogate Recovery (Acceptance Limits)	
		DCB1	TCX1
Lab Sample ID	Client Sample ID	(10-136)	(10-130)
310-302396-A-1-D MS	Matrix Spike	115	90
310-302396-A-1-E MSD	Matrix Spike Duplicate	95	73

Surrogate Legend

Surrogate Summary

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-302521-1
SDG: 24C034.00

DCB = DCB Decachlorobiphenyl (Surr)
TCX = Tetrachloro-m-xylene

Method: 8151A - Herbicides (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)											
Lab Sample ID	Client Sample ID	DCPAA1 (34-142)	DCPAA2 (34-142)										
310-302521-6	MW-22_25_04	109 p	176 S1+										
310-302521-10	FB-2_25_04	111	102										
LCS 410-622386/2-A	Lab Control Sample		112										
LCS 410-622386/2-A - DL	Lab Control Sample	117	112										
LCSD 410-622386/3-A	Lab Control Sample Dup		108										
LCSD 410-622386/3-A - DL	Lab Control Sample Dup	125	119										
MB 410-622386/1-A	Method Blank	106	96										

Surrogate Legend

DCPAA = 2,4-Dichlorophenylacetic acid (Surr)

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

Lab Sample ID: MB 310-449604/5
Matrix: Water
Analysis Batch: 449604

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.220		0.500	0.220	ug/L			03/24/25 11:33	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*107*		*73 - 130*		*03/24/25 11:33*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*03/24/25 11:33*	*1*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*		*03/24/25 11:33*	*1*

Lab Sample ID: LCS 310-449604/6
Matrix: Water
Analysis Batch: 449604

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	17.85		ug/L		89	72 - 124		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*93*		*73 - 130*
Toluene-d8 (Surr)	*105*		*80 - 120*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*

Lab Sample ID: 310-302545-D-3 MS
Matrix: Water
Analysis Batch: 449604

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	16.8		20.0	34.37		ug/L		88	46 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*98*		*73 - 130*
Toluene-d8 (Surr)	*105*		*80 - 120*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*

Lab Sample ID: 310-302545-D-3 MSD
Matrix: Water
Analysis Batch: 449604

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	16.8		20.0	35.49		ug/L		94	46 - 130	3	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*95*		*73 - 130*
Toluene-d8 (Surr)	*104*		*80 - 120*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*

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

Lab Sample ID: MB 310-449706/5
Matrix: Water
Analysis Batch: 449706

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			03/25/25 10:08	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			03/25/25 10:08	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			03/25/25 10:08	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			03/25/25 10:08	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			03/25/25 10:08	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			03/25/25 10:08	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			03/25/25 10:08	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			03/25/25 10:08	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			03/25/25 10:08	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			03/25/25 10:08	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			03/25/25 10:08	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			03/25/25 10:08	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			03/25/25 10:08	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			03/25/25 10:08	1
2-Hexanone	<2.00		10.0	2.00	ug/L			03/25/25 10:08	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			03/25/25 10:08	1
Acetone	<3.10		10.0	3.10	ug/L			03/25/25 10:08	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			03/25/25 10:08	1
Benzene	<0.220		0.500	0.220	ug/L			03/25/25 10:08	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			03/25/25 10:08	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			03/25/25 10:08	1
Bromoform	<0.780		5.00	0.780	ug/L			03/25/25 10:08	1
Bromomethane	<1.10		4.00	1.10	ug/L			03/25/25 10:08	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			03/25/25 10:08	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			03/25/25 10:08	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			03/25/25 10:08	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			03/25/25 10:08	1
Chloroethane	<0.790		4.00	0.790	ug/L			03/25/25 10:08	1
Chloroform	<1.30		3.00	1.30	ug/L			03/25/25 10:08	1
Chloromethane	<0.610		3.00	0.610	ug/L			03/25/25 10:08	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			03/25/25 10:08	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			03/25/25 10:08	1
Dibromomethane	<0.330		1.00	0.330	ug/L			03/25/25 10:08	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			03/25/25 10:08	1
Iodomethane	<7.00		10.0	7.00	ug/L			03/25/25 10:08	1
Methylene chloride	<1.70		5.00	1.70	ug/L			03/25/25 10:08	1
Styrene	<0.370		1.00	0.370	ug/L			03/25/25 10:08	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			03/25/25 10:08	1
Toluene	<0.430		1.00	0.430	ug/L			03/25/25 10:08	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			03/25/25 10:08	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			03/25/25 10:08	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			03/25/25 10:08	1
Trichloroethene	<0.430		1.00	0.430	ug/L			03/25/25 10:08	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			03/25/25 10:08	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			03/25/25 10:08	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			03/25/25 10:08	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			03/25/25 10:08	1

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

Lab Sample ID: MB 310-449706/5
Matrix: Water
Analysis Batch: 449706

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	*113*		*73 - 130*		*03/25/25 10:08*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*03/25/25 10:08*	*1*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*		*03/25/25 10:08*	*1*

Lab Sample ID: LCS 310-449706/6
Matrix: Water
Analysis Batch: 449706

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	17.90		ug/L		90	71 - 120
1,1,1-Trichloroethane	20.0	18.99		ug/L		95	73 - 129
1,1,2,2-Tetrachloroethane	20.0	18.07		ug/L		90	68 - 124
1,1,2-Trichloroethane	20.0	18.29		ug/L		91	73 - 123
1,1-Dichloroethane	20.0	18.30		ug/L		92	70 - 127
1,1-Dichloroethene	20.0	19.69		ug/L		98	63 - 132
1,2,3-Trichloropropane	20.0	18.12		ug/L		91	65 - 127
1,2-Dibromo-3-chloropropane	20.0	18.65		ug/L		93	50 - 150
1,2-Dibromoethane (EDB)	20.0	17.80		ug/L		89	75 - 125
1,2-Dichlorobenzene	20.0	17.17		ug/L		86	74 - 120
1,2-Dichloroethane	20.0	19.40		ug/L		97	71 - 125
1,2-Dichloropropane	20.0	18.50		ug/L		93	73 - 124
1,4-Dichlorobenzene	20.0	17.13		ug/L		86	72 - 120
2-Butanone (MEK)	40.0	34.69		ug/L		87	50 - 150
2-Hexanone	40.0	33.32		ug/L		83	60 - 140
4-Methyl-2-pentanone (MIBK)	40.0	35.50		ug/L		89	60 - 139
Acetone	40.0	37.85		ug/L		95	50 - 150
Acrylonitrile	200	177.5		ug/L		89	50 - 150
Benzene	20.0	18.53		ug/L		93	72 - 124
Bromochloromethane	20.0	18.62		ug/L		93	73 - 130
Bromodichloromethane	20.0	18.28		ug/L		91	74 - 122
Bromoform	20.0	17.83		ug/L		89	61 - 122
Carbon disulfide	20.0	19.67		ug/L		98	59 - 135
Carbon tetrachloride	20.0	18.87		ug/L		94	67 - 132
Chlorobenzene	20.0	17.57		ug/L		88	76 - 120
Chlorodibromomethane	20.0	18.10		ug/L		91	71 - 121
Chloroform	20.0	18.79		ug/L		94	72 - 125
cis-1,2-Dichloroethene	20.0	18.06		ug/L		90	74 - 123
cis-1,3-Dichloropropene	20.0	18.84		ug/L		94	71 - 125
Dibromomethane	20.0	18.51		ug/L		93	74 - 125
Ethylbenzene	20.0	17.11		ug/L		86	74 - 122
Iodomethane	20.0	13.25		ug/L		66	10 - 150
Methylene chloride	20.0	18.88		ug/L		94	50 - 150
Styrene	20.0	16.97		ug/L		85	74 - 121
Tetrachloroethene	20.0	17.61		ug/L		88	71 - 130
Toluene	20.0	17.72		ug/L		89	74 - 123
trans-1,2-Dichloroethene	20.0	19.89		ug/L		99	70 - 126
trans-1,3-Dichloropropene	20.0	18.18		ug/L		91	69 - 123
trans-1,4-Dichloro-2-butene	20.0	19.30		ug/L		97	50 - 150

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

Lab Sample ID: LCS 310-449706/6
Matrix: Water
Analysis Batch: 449706

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	18.62		ug/L		93	72 - 126
Vinyl acetate	40.0	38.64		ug/L		97	50 - 150
Xylenes, Total	40.0	35.65		ug/L		89	73 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*96*		*73 - 130*
Toluene-d8 (Surr)	*99*		*80 - 120*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*

Lab Sample ID: LCS 310-449706/7
Matrix: Water
Analysis Batch: 449706

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	16.47		ug/L		82	23 - 150
Chloroethane	20.0	18.07		ug/L		90	54 - 136
Chloromethane	20.0	17.57		ug/L		88	38 - 150
Trichlorofluoromethane	20.0	17.49		ug/L		87	54 - 149
Vinyl chloride	20.0	17.61		ug/L		88	56 - 140

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*109*		*73 - 130*
Toluene-d8 (Surr)	*95*		*80 - 120*
4-Bromofluorobenzene (Surr)	*104*		*80 - 120*

Lab Sample ID: 310-302517-B-1 MS
Matrix: Water
Analysis Batch: 449706

Client Sample ID: Matrix Spike
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	22.38		ug/L		90	55 - 130
1,1,1-Trichloroethane	<0.190		25.0	22.35		ug/L		89	52 - 130
1,1,2,2-Tetrachloroethane	<0.470		25.0	21.68		ug/L		87	54 - 130
1,1,2-Trichloroethane	<0.450		25.0	23.01		ug/L		92	58 - 130
1,1-Dichloroethane	<0.220		25.0	22.72		ug/L		91	49 - 130
1,1-Dichloroethene	<0.560		25.0	23.67		ug/L		95	37 - 132
1,2,3-Trichloropropane	<0.590		25.0	22.59		ug/L		90	49 - 130
1,2-Dibromo-3-chloropropane	<1.20		25.0	21.57		ug/L		86	38 - 150
1,2-Dibromoethane (EDB)	<0.340		25.0	22.51		ug/L		90	60 - 130
1,2-Dichlorobenzene	<0.370		25.0	20.66		ug/L		83	59 - 130
1,2-Dichloroethane	<0.390		25.0	24.51		ug/L		98	51 - 130
1,2-Dichloropropane	<0.270		25.0	22.85		ug/L		91	57 - 130
1,4-Dichlorobenzene	<0.230		25.0	20.25		ug/L		81	57 - 130
2-Butanone (MEK)	<2.10		50.0	43.84		ug/L		88	38 - 150
2-Hexanone	<2.00	F2	50.0	45.47		ug/L		91	46 - 140
4-Methyl-2-pentanone (MIBK)	<2.10		50.0	44.43		ug/L		89	47 - 139
Acetone	<3.10		50.0	46.09		ug/L		92	31 - 150
Acrylonitrile	<2.20		250	224.0		ug/L		90	40 - 150

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

Lab Sample ID: 310-302517-B-1 MS
Matrix: Water
Analysis Batch: 449706

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.220		25.0	22.91		ug/L		92	46 - 130
Bromochloromethane	<0.540		25.0	23.17		ug/L		93	57 - 130
Bromodichloromethane	<0.390		25.0	23.41		ug/L		94	57 - 130
Bromoform	<0.780		25.0	22.22		ug/L		89	44 - 130
Carbon disulfide	<0.450		25.0	23.74		ug/L		95	38 - 135
Carbon tetrachloride	211		25.0	176.9	4	ug/L		-135	45 - 132
Chlorobenzene	<0.400		25.0	21.00		ug/L		84	59 - 130
Chlorodibromomethane	<0.750		25.0	22.99		ug/L		92	54 - 130
Chloroform	6.46		25.0	28.95		ug/L		90	51 - 130
cis-1,2-Dichloroethene	<0.210		25.0	21.73		ug/L		87	45 - 130
cis-1,3-Dichloropropene	<0.250		25.0	22.59		ug/L		90	53 - 130
Dibromomethane	<0.330		25.0	24.08		ug/L		96	59 - 130
Ethylbenzene	<0.310		25.0	20.36		ug/L		81	45 - 130
Iodomethane	<7.00		25.0	14.73		ug/L		59	10 - 150
Methylene chloride	<1.70		25.0	23.95		ug/L		96	37 - 150
Styrene	<0.370		25.0	19.87		ug/L		79	47 - 130
Tetrachloroethene	<0.480		25.0	20.87		ug/L		83	47 - 130
Toluene	<0.430		25.0	21.40		ug/L		86	51 - 130
trans-1,2-Dichloroethene	<0.270		25.0	23.60		ug/L		94	48 - 130
trans-1,3-Dichloropropene	<0.560		25.0	22.43		ug/L		90	50 - 130
trans-1,4-Dichloro-2-butene	<1.10		25.0	22.91		ug/L		92	26 - 150
Trichloroethene	<0.430		25.0	22.01		ug/L		88	51 - 130
Vinyl acetate	<2.50		50.0	47.12		ug/L		94	29 - 150
Xylenes, Total	<0.400		50.0	42.07		ug/L		84	43 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*97*		*73 - 130*
Toluene-d8 (Surr)	*98*		*80 - 120*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*

Lab Sample ID: 310-302517-B-1 MSD
Matrix: Water
Analysis Batch: 449706

Client Sample ID: Matrix Spike Duplicate
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	19.62		ug/L		78	55 - 130	13	20
1,1,1-Trichloroethane	<0.190		25.0	19.88		ug/L		80	52 - 130	12	20
1,1,2,2-Tetrachloroethane	<0.470		25.0	19.44		ug/L		78	54 - 130	11	20
1,1,2-Trichloroethane	<0.450		25.0	19.92		ug/L		80	58 - 130	14	20
1,1-Dichloroethane	<0.220		25.0	19.27		ug/L		77	49 - 130	16	20
1,1-Dichloroethene	<0.560		25.0	20.78		ug/L		83	37 - 132	13	26
1,2,3-Trichloropropane	<0.590		25.0	19.88		ug/L		80	49 - 130	13	26
1,2-Dibromo-3-chloropropane	<1.20		25.0	19.31		ug/L		77	38 - 150	11	20
1,2-Dibromoethane (EDB)	<0.340		25.0	19.71		ug/L		79	60 - 130	13	20
1,2-Dichlorobenzene	<0.370		25.0	18.54		ug/L		74	59 - 130	11	20
1,2-Dichloroethane	<0.390		25.0	21.03		ug/L		84	51 - 130	15	20
1,2-Dichloropropane	<0.270		25.0	20.25		ug/L		81	57 - 130	12	20
1,4-Dichlorobenzene	<0.230		25.0	17.70		ug/L		71	57 - 130	13	20

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

Lab Sample ID: 310-302517-B-1 MSD
Matrix: Water
Analysis Batch: 449706

Client Sample ID: Matrix Spike Duplicate
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	38.34		ug/L		77	38 - 150	13	20
2-Hexanone	<2.00	F2	50.0	35.53	F2	ug/L		71	46 - 140	25	20
4-Methyl-2-pentanone (MIBK)	<2.10		50.0	39.55		ug/L		79	47 - 139	12	20
Acetone	<3.10		50.0	43.90		ug/L		88	31 - 150	5	29
Acrylonitrile	<2.20		250	197.9		ug/L		79	40 - 150	12	20
Benzene	<0.220		25.0	19.78		ug/L		79	46 - 130	15	20
Bromochloromethane	<0.540		25.0	19.99		ug/L		80	57 - 130	15	20
Bromodichloromethane	<0.390		25.0	19.96		ug/L		80	57 - 130	16	20
Bromoform	<0.780		25.0	19.21		ug/L		77	44 - 130	15	20
Carbon disulfide	<0.450		25.0	19.71		ug/L		79	38 - 135	19	30
Carbon tetrachloride	211		25.0	152.7	4	ug/L		-232	45 - 132	15	20
Chlorobenzene	<0.400		25.0	18.24		ug/L		73	59 - 130	14	20
Chlorodibromomethane	<0.750		25.0	20.46		ug/L		82	54 - 130	12	20
Chloroform	6.46		25.0	25.01		ug/L		74	51 - 130	15	20
cis-1,2-Dichloroethene	<0.210		25.0	18.78		ug/L		75	45 - 130	15	20
cis-1,3-Dichloropropene	<0.250		25.0	19.69		ug/L		79	53 - 130	14	20
Dibromomethane	<0.330		25.0	20.52		ug/L		82	59 - 130	16	20
Ethylbenzene	<0.310		25.0	17.80		ug/L		71	45 - 130	13	20
Iodomethane	<7.00		25.0	14.57		ug/L		58	10 - 150	1	35
Methylene chloride	<1.70		25.0	20.17		ug/L		81	37 - 150	17	24
Styrene	<0.370		25.0	17.40		ug/L		70	47 - 130	13	20
Tetrachloroethene	<0.480		25.0	18.56		ug/L		74	47 - 130	12	20
Toluene	<0.430		25.0	18.45		ug/L		74	51 - 130	15	20
trans-1,2-Dichloroethene	<0.270		25.0	20.19		ug/L		81	48 - 130	16	22
trans-1,3-Dichloropropene	<0.560		25.0	19.69		ug/L		79	50 - 130	13	20
trans-1,4-Dichloro-2-butene	<1.10		25.0	20.50		ug/L		82	26 - 150	11	23
Trichloroethene	<0.430		25.0	19.21		ug/L		77	51 - 130	14	20
Vinyl acetate	<2.50		50.0	39.81		ug/L		80	29 - 150	17	23
Xylenes, Total	<0.400		50.0	37.24		ug/L		74	43 - 130	12	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*96*		*73 - 130*
Toluene-d8 (Surr)	*97*		*80 - 120*
4-Bromofluorobenzene (Surr)	*91*		*80 - 120*

Method: 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: LB 310-449620/1-C
Matrix: Water
Analysis Batch: 449702

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 449735

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
beta-BHC	<0.0389		0.0926	0.0389	ug/L		03/25/25 12:19	03/25/25 14:15	1
Heptachlor	<0.0213		0.0926	0.0213	ug/L		03/25/25 12:19	03/25/25 14:15	1
gamma-BHC (Lindane)	<0.00926		0.0926	0.00926	ug/L		03/25/25 12:19	03/25/25 14:15	1

Surrogate	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*104*		*10 - 136*	*03/25/25 12:19*	*03/25/25 14:15*	*1*

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LB 310-449620/1-C
Matrix: Water
Analysis Batch: 449702

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 449735

Surrogate	LB %Recovery	LB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	92		10 - 130	03/25/25 12:19	03/25/25 14:15	1

Lab Sample ID: MB 310-449735/1-A
Matrix: Water
Analysis Batch: 449702

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 449735

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
beta-BHC	<0.0414		0.0986	0.0414	ug/L		03/25/25 12:19	03/25/25 14:03	1
Heptachlor	<0.0227		0.0986	0.0227	ug/L		03/25/25 12:19	03/25/25 14:03	1
gamma-BHC (Lindane)	<0.00986		0.0986	0.00986	ug/L		03/25/25 12:19	03/25/25 14:03	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	109		10 - 136	03/25/25 12:19	03/25/25 14:03	1
Tetrachloro-m-xylene	90		10 - 130	03/25/25 12:19	03/25/25 14:03	1

Lab Sample ID: LCS 310-449735/3-A
Matrix: Water
Analysis Batch: 449702

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 449735

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
gamma-BHC (Lindane)			2.77	2.637		ug/L		95	36 - 132		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	119		10 - 136
Tetrachloro-m-xylene	96		10 - 130

Lab Sample ID: 310-302396-A-1-D MS
Matrix: Water
Analysis Batch: 449702

Client Sample ID: Matrix Spike
Prep Type: TCLP
Prep Batch: 449735

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
gamma-BHC (Lindane)	<0.00907		2.67	2.285		ug/L		85	36 - 132		

Surrogate	MS %Recovery	MS Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	115		10 - 136
Tetrachloro-m-xylene	90		10 - 130

Lab Sample ID: 310-302396-A-1-E MSD
Matrix: Water
Analysis Batch: 449702

Client Sample ID: Matrix Spike Duplicate
Prep Type: TCLP
Prep Batch: 449735

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
gamma-BHC (Lindane)	<0.00907		2.64	2.402		ug/L		91	36 - 132	5	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	95		10 - 136
Tetrachloro-m-xylene	73		10 - 130

Method: 8151A - Herbicides (GC)

Lab Sample ID: MB 410-622386/1-A
Matrix: Water
Analysis Batch: 622422

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 622386

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	<0.0220		0.0500	0.0220	ug/L		03/26/25 20:37	03/27/25 15:50	1
2,4-D	<0.250		0.600	0.250	ug/L		03/26/25 20:37	03/27/25 15:50	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid (Surr)	*106*		*34 - 142*	*03/26/25 20:37*	*03/27/25 15:50*	*1*
2,4-Dichlorophenylacetic acid (Surr)	*96*		*34 - 142*	*03/26/25 20:37*	*03/27/25 15:50*	*1*

Lab Sample ID: LCS 410-622386/2-A
Matrix: Water
Analysis Batch: 622422

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 622386

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
2,4-D			2.00	2.330		ug/L		116	53 - 159		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid (Surr)	*112*		*34 - 142*

Lab Sample ID: LCSD 410-622386/3-A
Matrix: Water
Analysis Batch: 622422

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 622386

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid (Surr)	*108*		*34 - 142*

Method: 8151A - Herbicides (GC) - DL

Lab Sample ID: LCS 410-622386/2-A
Matrix: Water
Analysis Batch: 622422

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 622386

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Silvex (2,4,5-TP) - DL			4.01	3.710		ug/L		93	62 - 170		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid (Surr) - DL	*117*		*34 - 142*
2,4-Dichlorophenylacetic acid (Surr) - DL	*112*		*34 - 142*

Lab Sample ID: LCSD 410-622386/3-A
Matrix: Water
Analysis Batch: 622422

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 622386

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Silvex (2,4,5-TP) - DL			4.01	3.977		ug/L		99	62 - 170	7	30

Method: 8151A - Herbicides (GC) - DL (Continued)

Lab Sample ID: LCSD 410-622386/3-A
Matrix: Water
Analysis Batch: 622422

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 622386

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid (Surr) - DL	*125*		*34 - 142*
2,4-Dichlorophenylacetic acid (Surr) - DL	*119*		*34 - 142*

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 310-449827/1-A
Matrix: Water
Analysis Batch: 450313

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 449827

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		03/27/25 09:00	03/31/25 13:54	1
Arsenic	<0.000530		0.00200	0.000530	mg/L		03/27/25 09:00	03/31/25 13:54	1
Barium	<0.000660		0.00200	0.000660	mg/L		03/27/25 09:00	03/31/25 13:54	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		03/27/25 09:00	03/31/25 13:54	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		03/27/25 09:00	03/31/25 13:54	1
Chromium	<0.00120		0.00500	0.00120	mg/L		03/27/25 09:00	03/31/25 13:54	1
Cobalt	<0.000170		0.000500	0.000170	mg/L		03/27/25 09:00	03/31/25 13:54	1
Copper	<0.00180		0.00500	0.00180	mg/L		03/27/25 09:00	03/31/25 13:54	1
Lead	<0.000260		0.000500	0.000260	mg/L		03/27/25 09:00	03/31/25 13:54	1
Nickel	<0.00210		0.00500	0.00210	mg/L		03/27/25 09:00	03/31/25 13:54	1
Selenium	<0.00140		0.00500	0.00140	mg/L		03/27/25 09:00	03/31/25 13:54	1
Silver	<0.000500		0.00100	0.000500	mg/L		03/27/25 09:00	03/31/25 13:54	1
Thallium	<0.000570		0.00100	0.000570	mg/L		03/27/25 09:00	03/31/25 13:54	1
Vanadium	<0.00110		0.00500	0.00110	mg/L		03/27/25 09:00	03/31/25 13:54	1
Zinc	<0.00970		0.0200	0.00970	mg/L		03/27/25 09:00	03/31/25 13:54	1

Lab Sample ID: LCS 310-449827/2-A
Matrix: Water
Analysis Batch: 450313

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 449827

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.200	0.1985		mg/L		99	80 - 120
Arsenic	0.200	0.1939		mg/L		97	80 - 120
Barium	0.100	0.09780		mg/L		98	80 - 120
Beryllium	0.100	0.09533		mg/L		95	80 - 120
Cadmium	0.100	0.09592		mg/L		96	80 - 120
Chromium	0.100	0.1009		mg/L		101	80 - 120
Cobalt	0.100	0.1024		mg/L		102	80 - 120
Copper	0.200	0.2052		mg/L		103	80 - 120
Lead	0.200	0.1950		mg/L		98	80 - 120
Nickel	0.200	0.2007		mg/L		100	80 - 120
Selenium	0.400	0.3871		mg/L		97	80 - 120
Silver	0.100	0.1063		mg/L		106	80 - 120
Thallium	0.100	0.09980		mg/L		100	80 - 120
Vanadium	0.100	0.09973		mg/L		100	80 - 120
Zinc	0.200	0.1892		mg/L		95	80 - 120

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 310-302521-8 MS
Matrix: Water
Analysis Batch: 450313

Client Sample ID: MW-307A_25_04
Prep Type: Total/NA
Prep Batch: 449827

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.00100		0.200	0.2189		mg/L		109	75 - 125
Arsenic	<0.000530		0.200	0.2174		mg/L		109	75 - 125
Barium	0.0524		0.100	0.1606		mg/L		108	75 - 125
Beryllium	<0.000330		0.100	0.1022		mg/L		102	75 - 125
Cadmium	0.000150	J	0.100	0.1024		mg/L		102	75 - 125
Chromium	<0.00120		0.100	0.1038		mg/L		104	75 - 125
Cobalt	0.00763		0.100	0.1127		mg/L		105	75 - 125
Copper	<0.00180		0.200	0.2054		mg/L		103	75 - 125
Lead	0.000284	J	0.200	0.2073		mg/L		104	75 - 125
Nickel	0.0104		0.200	0.2166		mg/L		103	75 - 125
Selenium	0.00200	J	0.400	0.4303		mg/L		107	75 - 125
Silver	<0.000500		0.100	0.1060		mg/L		106	75 - 125
Thallium	<0.000570		0.100	0.09153		mg/L		92	75 - 125
Vanadium	<0.00110		0.100	0.1057		mg/L		106	75 - 125
Zinc	0.0195	J	0.200	0.2138		mg/L		97	75 - 125

Lab Sample ID: 310-302521-8 MSD
Matrix: Water
Analysis Batch: 450313

Client Sample ID: MW-307A_25_04
Prep Type: Total/NA
Prep Batch: 449827

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.00100		0.200	0.2180		mg/L		109	75 - 125	0	20
Arsenic	<0.000530		0.200	0.2154		mg/L		108	75 - 125	1	20
Barium	0.0524		0.100	0.1592		mg/L		107	75 - 125	1	20
Beryllium	<0.000330		0.100	0.1009		mg/L		101	75 - 125	1	20
Cadmium	0.000150	J	0.100	0.1020		mg/L		102	75 - 125	0	20
Chromium	<0.00120		0.100	0.1033		mg/L		103	75 - 125	0	20
Cobalt	0.00763		0.100	0.1121		mg/L		105	75 - 125	1	20
Copper	<0.00180		0.200	0.2055		mg/L		103	75 - 125	0	20
Lead	0.000284	J	0.200	0.2051		mg/L		102	75 - 125	1	20
Nickel	0.0104		0.200	0.2148		mg/L		102	75 - 125	1	20
Selenium	0.00200	J	0.400	0.4232		mg/L		105	75 - 125	2	20
Silver	<0.000500		0.100	0.1061		mg/L		106	75 - 125	0	20
Thallium	<0.000570		0.100	0.09244		mg/L		92	75 - 125	1	20
Vanadium	<0.00110		0.100	0.1048		mg/L		105	75 - 125	1	20
Zinc	0.0195	J	0.200	0.2146		mg/L		98	75 - 125	0	20

Lab Sample ID: 310-302653-A-4-B DU
Matrix: Water
Analysis Batch: 450313

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 449827

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Antimony	<0.00100		<0.00100		mg/L		NC	20
Arsenic	0.0201		0.02039		mg/L		2	20
Barium	0.249		0.2534		mg/L		2	20
Beryllium	<0.000330		<0.000330		mg/L		NC	20
Cadmium	<0.000100		<0.000100		mg/L		NC	20
Chromium	<0.00120		<0.00120		mg/L		NC	20
Cobalt	0.00250		0.002515		mg/L		0.8	20

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 310-302653-A-4-B DU
Matrix: Water
Analysis Batch: 450313

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 449827

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Copper	<0.00180		<0.00180		mg/L		NC	20
Lead	0.000956		0.0007710	F5	mg/L		21	20
Nickel	<0.00210		<0.00210		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	<0.00110		<0.00110		mg/L		NC	20
Zinc	0.0367		0.01551	J F3	mg/L		81	20

Lab Sample ID: MB 310-449828/1-A
Matrix: Water
Analysis Batch: 450313

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 449828

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		03/27/25 09:00	03/31/25 15:23	1
Arsenic	<0.000530		0.00200	0.000530	mg/L		03/27/25 09:00	03/31/25 15:23	1
Barium	<0.000660		0.00200	0.000660	mg/L		03/27/25 09:00	03/31/25 15:23	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		03/27/25 09:00	03/31/25 15:23	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		03/27/25 09:00	03/31/25 15:23	1
Chromium	<0.00120		0.00500	0.00120	mg/L		03/27/25 09:00	03/31/25 15:23	1
Cobalt	<0.000170		0.000500	0.000170	mg/L		03/27/25 09:00	03/31/25 15:23	1
Copper	<0.00180		0.00500	0.00180	mg/L		03/27/25 09:00	03/31/25 15:23	1
Lead	<0.000260		0.000500	0.000260	mg/L		03/27/25 09:00	03/31/25 15:23	1
Nickel	<0.00210		0.00500	0.00210	mg/L		03/27/25 09:00	03/31/25 15:23	1
Selenium	<0.00140		0.00500	0.00140	mg/L		03/27/25 09:00	03/31/25 15:23	1
Silver	<0.000500		0.00100	0.000500	mg/L		03/27/25 09:00	03/31/25 15:23	1
Thallium	<0.000570		0.00100	0.000570	mg/L		03/27/25 09:00	03/31/25 15:23	1
Vanadium	<0.00110		0.00500	0.00110	mg/L		03/27/25 09:00	03/31/25 15:23	1
Zinc	<0.00970		0.0200	0.00970	mg/L		03/27/25 09:00	03/31/25 15:23	1

Lab Sample ID: LCS 310-449828/2-A
Matrix: Water
Analysis Batch: 450313

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 449828

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.200	0.2024		mg/L		101	80 - 120
Arsenic	0.200	0.2000		mg/L		100	80 - 120
Barium	0.100	0.09970		mg/L		100	80 - 120
Beryllium	0.100	0.09521		mg/L		95	80 - 120
Cadmium	0.100	0.09833		mg/L		98	80 - 120
Chromium	0.100	0.1012		mg/L		101	80 - 120
Cobalt	0.100	0.1037		mg/L		104	80 - 120
Copper	0.200	0.2066		mg/L		103	80 - 120
Lead	0.200	0.1958		mg/L		98	80 - 120
Nickel	0.200	0.2035		mg/L		102	80 - 120
Selenium	0.400	0.3956		mg/L		99	80 - 120
Silver	0.100	0.1051		mg/L		105	80 - 120
Thallium	0.100	0.1021		mg/L		102	80 - 120
Vanadium	0.100	0.1004		mg/L		100	80 - 120

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 310-449828/2-A
Matrix: Water
Analysis Batch: 450313

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 449828

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Zinc	0.200	0.1932		mg/L		97	80 - 120

Lab Sample ID: 310-302635-A-2-B MS
Matrix: Water
Analysis Batch: 450313

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 449828

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.00100		0.200	0.2149		mg/L		107	75 - 125
Arsenic	<0.000530		0.200	0.2228		mg/L		111	75 - 125
Barium	0.430		0.100	0.4450	4	mg/L		15	75 - 125
Beryllium	<0.000330		0.100	0.09725		mg/L		97	75 - 125
Cadmium	<0.000100		0.100	0.1011		mg/L		101	75 - 125
Chromium	<0.00120		0.100	0.1008		mg/L		101	75 - 125
Cobalt	<0.000170		0.100	0.09977		mg/L		100	75 - 125
Copper	<0.00180		0.200	0.1922		mg/L		96	75 - 125
Lead	<0.000260		0.200	0.2085		mg/L		104	75 - 125
Nickel	<0.00210		0.200	0.1929		mg/L		96	75 - 125
Selenium	<0.00140	F1	0.400	0.2909	F1	mg/L		73	75 - 125
Silver	<0.000500		0.100	0.09617		mg/L		96	75 - 125
Thallium	<0.000570		0.100	0.08501		mg/L		85	75 - 125
Vanadium	<0.00110		0.100	0.1029		mg/L		103	75 - 125
Zinc	<0.00970		0.200	0.1992		mg/L		100	75 - 125

Lab Sample ID: 310-302635-A-2-C MSD
Matrix: Water
Analysis Batch: 450313

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 449828

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.00100		0.200	0.2137		mg/L		107	75 - 125	1	20
Arsenic	<0.000530		0.200	0.2210		mg/L		111	75 - 125	1	20
Barium	0.430		0.100	0.4127	4	mg/L		-17	75 - 125	8	20
Beryllium	<0.000330		0.100	0.09322		mg/L		93	75 - 125	4	20
Cadmium	<0.000100		0.100	0.1001		mg/L		100	75 - 125	1	20
Chromium	<0.00120		0.100	0.09895		mg/L		99	75 - 125	2	20
Cobalt	<0.000170		0.100	0.09800		mg/L		98	75 - 125	2	20
Copper	<0.00180		0.200	0.1880		mg/L		94	75 - 125	2	20
Lead	<0.000260		0.200	0.2007		mg/L		100	75 - 125	4	20
Nickel	<0.00210		0.200	0.1891		mg/L		95	75 - 125	2	20
Selenium	<0.00140	F1	0.400	0.2931	F1	mg/L		73	75 - 125	1	20
Silver	<0.000500		0.100	0.09536		mg/L		95	75 - 125	1	20
Thallium	<0.000570		0.100	0.08467		mg/L		85	75 - 125	0	20
Vanadium	<0.00110		0.100	0.1015		mg/L		101	75 - 125	1	20
Zinc	<0.00970		0.200	0.1985		mg/L		99	75 - 125	0	20

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 310-302382-A-3-B DU
Matrix: Water
Analysis Batch: 450313

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 449828

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Antimony	<0.00100		<0.00100		mg/L		NC	20
Arsenic	<0.000530		<0.000530		mg/L		NC	20
Barium	0.00867		0.008587		mg/L		0.9	20
Beryllium	<0.000330		<0.000330		mg/L		NC	20
Cadmium	<0.000100		<0.000100		mg/L		NC	20
Chromium	<0.00120		<0.00120		mg/L		NC	20
Cobalt	0.00277		0.002945		mg/L		6	20
Copper	<0.00180		<0.00180		mg/L		NC	20
Lead	0.00113		0.001154		mg/L		2	20
Nickel	0.00536		0.005313		mg/L		0.8	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	0.00139	J	0.001580	J	mg/L		13	20
Zinc	<0.00970		<0.00970		mg/L		NC	20

Method: 9034 - Sulfide, Acid soluble and Insoluble (Titrimetric)

Lab Sample ID: MB 500-810913/1-A
Matrix: Water
Analysis Batch: 810914

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 810913

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	<0.231		1.00	0.231	mg/L		03/23/25 18:00	03/24/25 01:23	1

Lab Sample ID: LCS 500-810913/2-A
Matrix: Water
Analysis Batch: 810914

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 810913

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfide	3.97	3.873		mg/L		98	80 - 120

Method: I-3765-85 - Residue, Non-filterable (TSS)

Lab Sample ID: MB 310-449525/1
Matrix: Water
Analysis Batch: 449525

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			03/21/25 16:47	1

Lab Sample ID: LCS 310-449525/2
Matrix: Water
Analysis Batch: 449525

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	90.00		mg/L		90	81 - 116

Method: I-3765-85 - Residue, Non-filterable (TSS) (Continued)

Lab Sample ID: 310-302408-B-3 DU
Matrix: Water
Analysis Batch: 449525

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Suspended Solids	197			200.7		mg/L				2	35

Lab Sample ID: MB 310-449527/1
Matrix: Water
Analysis Batch: 449527

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			03/21/25 17:33	1

Lab Sample ID: LCS 310-449527/2
Matrix: Water
Analysis Batch: 449527

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	103.0		mg/L		103	81 - 116		

Lab Sample ID: 310-302521-5 DU
Matrix: Water
Analysis Batch: 449527

Client Sample ID: MW-20_25_04
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Suspended Solids	45.0			46.00		mg/L				2	35

GC/MS VOA

Analysis Batch: 449604

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-302521-7	MW-306_25_04	Total/NA	Water	8260D	
310-302521-8	MW-307A_25_04	Total/NA	Water	8260D	
MB 310-449604/5	Method Blank	Total/NA	Water	8260D	
LCS 310-449604/6	Lab Control Sample	Total/NA	Water	8260D	
310-302545-D-3 MS	Matrix Spike	Total/NA	Water	8260D	
310-302545-D-3 MSD	Matrix Spike Duplicate	Total/NA	Water	8260D	

Analysis Batch: 449706

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-302521-1	GU-1_25_04	Total/NA	Water	8260D	
310-302521-2	GU-L_25_04	Total/NA	Water	8260D	
310-302521-3	GU-O_25_04	Total/NA	Water	8260D	
310-302521-4	GU-P_25_04	Total/NA	Water	8260D	
310-302521-5	MW-20_25_04	Total/NA	Water	8260D	
310-302521-6	MW-22_25_04	Total/NA	Water	8260D	
310-302521-9	FD-3_25_04	Total/NA	Water	8260D	
310-302521-10	FB-2_25_04	Total/NA	Water	8260D	
310-302521-11	TB-2_25_04	Total/NA	Water	8260D	
MB 310-449706/5	Method Blank	Total/NA	Water	8260D	
LCS 310-449706/6	Lab Control Sample	Total/NA	Water	8260D	
LCS 310-449706/7	Lab Control Sample	Total/NA	Water	8260D	
310-302517-B-1 MS	Matrix Spike	Total/NA	Water	8260D	
310-302517-B-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8260D	

GC Semi VOA

Leach Batch: 449620

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 310-449620/1-C	Method Blank	Total/NA	Water	1311	
310-302396-A-1-D MS	Matrix Spike	TCLP	Water	1311	
310-302396-A-1-E MSD	Matrix Spike Duplicate	TCLP	Water	1311	

Analysis Batch: 449702

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-302521-6	MW-22_25_04	Total/NA	Water	8081B	449735
310-302521-10	FB-2_25_04	Total/NA	Water	8081B	449735
LB 310-449620/1-C	Method Blank	Total/NA	Water	8081B	449735
MB 310-449735/1-A	Method Blank	Total/NA	Water	8081B	449735
LCS 310-449735/3-A	Lab Control Sample	Total/NA	Water	8081B	449735
310-302396-A-1-D MS	Matrix Spike	TCLP	Water	8081B	449735
310-302396-A-1-E MSD	Matrix Spike Duplicate	TCLP	Water	8081B	449735

Prep Batch: 449735

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-302521-6	MW-22_25_04	Total/NA	Water	3511	
310-302521-10	FB-2_25_04	Total/NA	Water	3511	
LB 310-449620/1-C	Method Blank	Total/NA	Water	3511	449620
MB 310-449735/1-A	Method Blank	Total/NA	Water	3511	
LCS 310-449735/3-A	Lab Control Sample	Total/NA	Water	3511	
310-302396-A-1-D MS	Matrix Spike	TCLP	Water	3511	449620
310-302396-A-1-E MSD	Matrix Spike Duplicate	TCLP	Water	3511	449620

GC Semi VOA

Prep Batch: 622386

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-302521-6	MW-22_25_04	Total/NA	Water	8151A	
310-302521-10	FB-2_25_04	Total/NA	Water	8151A	
MB 410-622386/1-A	Method Blank	Total/NA	Water	8151A	
LCS 410-622386/2-A - DL	Lab Control Sample	Total/NA	Water	8151A	
LCS 410-622386/2-A	Lab Control Sample	Total/NA	Water	8151A	
LCSD 410-622386/3-A	Lab Control Sample Dup	Total/NA	Water	8151A	
LCSD 410-622386/3-A - DL	Lab Control Sample Dup	Total/NA	Water	8151A	

Analysis Batch: 622422

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-302521-6	MW-22_25_04	Total/NA	Water	8151A	622386
310-302521-10	FB-2_25_04	Total/NA	Water	8151A	622386
MB 410-622386/1-A	Method Blank	Total/NA	Water	8151A	622386
LCS 410-622386/2-A	Lab Control Sample	Total/NA	Water	8151A	622386
LCS 410-622386/2-A - DL	Lab Control Sample	Total/NA	Water	8151A	622386
LCSD 410-622386/3-A	Lab Control Sample Dup	Total/NA	Water	8151A	622386
LCSD 410-622386/3-A - DL	Lab Control Sample Dup	Total/NA	Water	8151A	622386

Metals

Prep Batch: 449827

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-302521-8	MW-307A_25_04	Total/NA	Water	3005A	
310-302521-9	FD-3_25_04	Total/NA	Water	3005A	
310-302521-10	FB-2_25_04	Total/NA	Water	3005A	
MB 310-449827/1-A	Method Blank	Total/NA	Water	3005A	
LCS 310-449827/2-A	Lab Control Sample	Total/NA	Water	3005A	
310-302521-8 MS	MW-307A_25_04	Total/NA	Water	3005A	
310-302521-8 MSD	MW-307A_25_04	Total/NA	Water	3005A	
310-302653-A-4-B DU	Duplicate	Total/NA	Water	3005A	

Prep Batch: 449828

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-302521-1	GU-1_25_04	Total/NA	Water	3005A	
310-302521-2	GU-L_25_04	Total/NA	Water	3005A	
310-302521-3	GU-O_25_04	Total/NA	Water	3005A	
310-302521-4	GU-P_25_04	Total/NA	Water	3005A	
310-302521-5	MW-20_25_04	Total/NA	Water	3005A	
310-302521-6	MW-22_25_04	Total/NA	Water	3005A	
310-302521-7	MW-306_25_04	Total/NA	Water	3005A	
MB 310-449828/1-A	Method Blank	Total/NA	Water	3005A	
LCS 310-449828/2-A	Lab Control Sample	Total/NA	Water	3005A	
310-302635-A-2-B MS	Matrix Spike	Total/NA	Water	3005A	
310-302635-A-2-C MSD	Matrix Spike Duplicate	Total/NA	Water	3005A	
310-302382-A-3-B DU	Duplicate	Total/NA	Water	3005A	

Analysis Batch: 450182

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-302521-7	MW-306_25_04	Total/NA	Water	6020B	449828

Metals

Analysis Batch: 450313

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-302521-1	GU-1_25_04	Total/NA	Water	6020B	449828
310-302521-2	GU-L_25_04	Total/NA	Water	6020B	449828
310-302521-3	GU-O_25_04	Total/NA	Water	6020B	449828
310-302521-4	GU-P_25_04	Total/NA	Water	6020B	449828
310-302521-5	MW-20_25_04	Total/NA	Water	6020B	449828
310-302521-6	MW-22_25_04	Total/NA	Water	6020B	449828
310-302521-8	MW-307A_25_04	Total/NA	Water	6020B	449827
310-302521-9	FD-3_25_04	Total/NA	Water	6020B	449827
310-302521-10	FB-2_25_04	Total/NA	Water	6020B	449827
MB 310-449827/1-A	Method Blank	Total/NA	Water	6020B	449827
MB 310-449828/1-A	Method Blank	Total/NA	Water	6020B	449828
LCS 310-449827/2-A	Lab Control Sample	Total/NA	Water	6020B	449827
LCS 310-449828/2-A	Lab Control Sample	Total/NA	Water	6020B	449828
310-302521-8 MS	MW-307A_25_04	Total/NA	Water	6020B	449827
310-302521-8 MSD	MW-307A_25_04	Total/NA	Water	6020B	449827
310-302635-A-2-B MS	Matrix Spike	Total/NA	Water	6020B	449828
310-302635-A-2-C MSD	Matrix Spike Duplicate	Total/NA	Water	6020B	449828
310-302382-A-3-B DU	Duplicate	Total/NA	Water	6020B	449828
310-302653-A-4-B DU	Duplicate	Total/NA	Water	6020B	449827

General Chemistry

Analysis Batch: 449525

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-302521-1	GU-1_25_04	Total/NA	Water	I-3765-85	
310-302521-2	GU-L_25_04	Total/NA	Water	I-3765-85	
310-302521-3	GU-O_25_04	Total/NA	Water	I-3765-85	
310-302521-4	GU-P_25_04	Total/NA	Water	I-3765-85	
310-302521-10	FB-2_25_04	Total/NA	Water	I-3765-85	
MB 310-449525/1	Method Blank	Total/NA	Water	I-3765-85	
LCS 310-449525/2	Lab Control Sample	Total/NA	Water	I-3765-85	
310-302408-B-3 DU	Duplicate	Total/NA	Water	I-3765-85	

Analysis Batch: 449527

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-302521-5	MW-20_25_04	Total/NA	Water	I-3765-85	
310-302521-6	MW-22_25_04	Total/NA	Water	I-3765-85	
310-302521-7	MW-306_25_04	Total/NA	Water	I-3765-85	
310-302521-8	MW-307A_25_04	Total/NA	Water	I-3765-85	
310-302521-9	FD-3_25_04	Total/NA	Water	I-3765-85	
MB 310-449527/1	Method Blank	Total/NA	Water	I-3765-85	
LCS 310-449527/2	Lab Control Sample	Total/NA	Water	I-3765-85	
310-302521-5 DU	MW-20_25_04	Total/NA	Water	I-3765-85	

Prep Batch: 810913

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-302521-10	FB-2_25_04	Total/NA	Water	9030B	
MB 500-810913/1-A	Method Blank	Total/NA	Water	9030B	
LCS 500-810913/2-A	Lab Control Sample	Total/NA	Water	9030B	

QC Association Summary

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-302521-1
SDG: 24C034.00

General Chemistry

Analysis Batch: 810914

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-302521-10	FB-2_25_04	Total/NA	Water	9034	810913
MB 500-810913/1-A	Method Blank	Total/NA	Water	9034	810913
LCS 500-810913/2-A	Lab Control Sample	Total/NA	Water	9034	810913

Lab Chronicle

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-302521-1
SDG: 24C034.00

Client Sample ID: GU-1_25_04
Date Collected: 03/20/25 11:25
Date Received: 03/21/25 14:10

Lab Sample ID: 310-302521-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	449706	WSE8	EET CF	03/25/25 13:24
Total/NA	Prep	3005A			449828	Y3EC	EET CF	03/27/25 09:00
Total/NA	Analysis	6020B		1	450313	NFT2	EET CF	03/31/25 16:14
Total/NA	Analysis	I-3765-85		1	449525	MDU9	EET CF	03/21/25 16:47

Client Sample ID: GU-L_25_04
Date Collected: 03/20/25 12:45
Date Received: 03/21/25 14:10

Lab Sample ID: 310-302521-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	449706	WSE8	EET CF	03/25/25 13:46
Total/NA	Prep	3005A			449828	Y3EC	EET CF	03/27/25 09:00
Total/NA	Analysis	6020B		1	450313	NFT2	EET CF	03/31/25 16:25
Total/NA	Analysis	I-3765-85		1	449525	MDU9	EET CF	03/21/25 16:47

Client Sample ID: GU-O_25_04
Date Collected: 03/20/25 13:00
Date Received: 03/21/25 14:10

Lab Sample ID: 310-302521-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	449706	WSE8	EET CF	03/25/25 14:07
Total/NA	Prep	3005A			449828	Y3EC	EET CF	03/27/25 09:00
Total/NA	Analysis	6020B		1	450313	NFT2	EET CF	03/31/25 16:28
Total/NA	Analysis	I-3765-85		1	449525	MDU9	EET CF	03/21/25 16:47

Client Sample ID: GU-P_25_04
Date Collected: 03/20/25 13:15
Date Received: 03/21/25 14:10

Lab Sample ID: 310-302521-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	449706	WSE8	EET CF	03/25/25 14:29
Total/NA	Prep	3005A			449828	Y3EC	EET CF	03/27/25 09:00
Total/NA	Analysis	6020B		1	450313	NFT2	EET CF	03/31/25 16:31
Total/NA	Analysis	I-3765-85		1	449525	MDU9	EET CF	03/21/25 16:47

Client Sample ID: MW-20_25_04
Date Collected: 03/20/25 11:50
Date Received: 03/21/25 14:10

Lab Sample ID: 310-302521-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	449706	WSE8	EET CF	03/25/25 14:51
Total/NA	Prep	3005A			449828	Y3EC	EET CF	03/27/25 09:00
Total/NA	Analysis	6020B		1	450313	NFT2	EET CF	03/31/25 16:34
Total/NA	Analysis	I-3765-85		1	449527	MDU9	EET CF	03/21/25 17:33

Lab Chronicle

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-302521-1
SDG: 24C034.00

Client Sample ID: MW-22_25_04
Date Collected: 03/20/25 09:05
Date Received: 03/21/25 14:10

Lab Sample ID: 310-302521-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	449706	WSE8	EET CF	03/25/25 15:13
Total/NA	Prep	3511			449735	BW2O	EET CF	03/25/25 12:40
Total/NA	Analysis	8081B		1	449702	BW2O	EET CF	03/25/25 15:46
Total/NA	Prep	8151A			622386	UKL2	ELLE	03/26/25 20:37
Total/NA	Analysis	8151A		5	622422	UAMZ	ELLE	03/27/25 19:37
Total/NA	Prep	3005A			449828	Y3EC	EET CF	03/27/25 09:00
Total/NA	Analysis	6020B		1	450313	NFT2	EET CF	03/31/25 16:36
Total/NA	Analysis	I-3765-85		1	449527	MDU9	EET CF	03/21/25 17:33

Client Sample ID: MW-306_25_04
Date Collected: 03/20/25 10:45
Date Received: 03/21/25 14:10

Lab Sample ID: 310-302521-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	449604	FE5V	EET CF	03/24/25 13:46
Total/NA	Prep	3005A			449828	Y3EC	EET CF	03/27/25 09:00
Total/NA	Analysis	6020B		1	450182	NFT2	EET CF	03/28/25 15:45
Total/NA	Analysis	I-3765-85		1	449527	MDU9	EET CF	03/21/25 17:33

Client Sample ID: MW-307A_25_04
Date Collected: 03/20/25 10:05
Date Received: 03/21/25 14:10

Lab Sample ID: 310-302521-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	449604	FE5V	EET CF	03/24/25 14:08
Total/NA	Prep	3005A			449827	Y3EC	EET CF	03/27/25 09:00
Total/NA	Analysis	6020B		1	450313	NFT2	EET CF	03/31/25 14:00
Total/NA	Analysis	I-3765-85		1	449527	MDU9	EET CF	03/21/25 17:33

Client Sample ID: FD-3_25_04
Date Collected: 03/20/25 00:00
Date Received: 03/21/25 14:10

Lab Sample ID: 310-302521-9
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	449706	WSE8	EET CF	03/25/25 15:35
Total/NA	Prep	3005A			449827	Y3EC	EET CF	03/27/25 09:00
Total/NA	Analysis	6020B		1	450313	NFT2	EET CF	03/31/25 14:08
Total/NA	Analysis	I-3765-85		1	449527	MDU9	EET CF	03/21/25 17:33

Client Sample ID: FB-2_25_04
Date Collected: 03/20/25 10:35
Date Received: 03/21/25 14:10

Lab Sample ID: 310-302521-10
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	449706	WSE8	EET CF	03/25/25 12:19

Lab Chronicle

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-302521-1
SDG: 24C034.00

Client Sample ID: FB-2_25_04

Lab Sample ID: 310-302521-10

Date Collected: 03/20/25 10:35

Matrix: Water

Date Received: 03/21/25 14:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3511			449735	BW2O	EET CF	03/25/25 12:40
Total/NA	Analysis	8081B		1	449702	BW2O	EET CF	03/25/25 15:59
Total/NA	Prep	8151A			622386	UKL2	ELLE	03/26/25 20:37
Total/NA	Analysis	8151A		1	622422	UAMZ	ELLE	03/27/25 20:05
Total/NA	Prep	3005A			449827	Y3EC	EET CF	03/27/25 09:00
Total/NA	Analysis	6020B		1	450313	NFT2	EET CF	03/31/25 14:11
Total/NA	Prep	9030B			810913	CLB	EET CHI	03/23/25 18:20 - 03/23/25 18:25 [1]
Total/NA	Analysis	9034		1	810914	CLB	EET CHI	03/24/25 02:21 - 03/24/25 02:35 [1]
Total/NA	Analysis	I-3765-85		1	449525	MDU9	EET CF	03/21/25 16:47

Client Sample ID: TB-2_25_04

Lab Sample ID: 310-302521-11

Date Collected: 03/20/25 00:00

Matrix: Water

Date Received: 03/21/25 14:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	449706	WSE8	EET CF	03/25/25 12:40

[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

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-302521-1
SDG: 24C034.00

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

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

Authority	Program	Identification Number	Expiration Date
Iowa	State	082	05-01-26

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	0001.01	03-30-25
A2LA	Dept. of Energy	0001.01	03-30-25
A2LA	ISO/IEC 17025	0001.01	03-30-25
Alabama	State	43200	01-31-26
Alaska	State	PA00009	06-30-25
Arizona	State	AZ0780	03-12-26
Arkansas DEQ	State	88-00660	08-09-25
California	State	2792	01-31-26
Colorado	State	PA00009	06-30-25
Connecticut	State	PH-0746	06-30-25
Delaware (DW)	State	N/A	01-31-26
Florida	NELAP	E87997	06-30-25
Georgia (DW)	State	C048	01-31-26
Illinois	NELAP	200027	01-31-26
Iowa	State	361	03-01-26
Kansas	NELAP	E-10151	10-31-25
Kentucky (DW)	State	KY90088	12-31-25
Kentucky (UST)	State	0001.01	03-30-25
Kentucky (WW)	State	KY90088	12-31-25
Louisiana (All)	NELAP	02055	06-30-25
Maine	State	2019012	03-12-27
Maryland	State	100	06-30-25
Massachusetts	State	M-PA009	06-30-25
Michigan	State	9930	01-31-26
Minnesota	NELAP	042-999-487	12-31-25
Mississippi	State	023	01-31-26
Missouri	State	450	01-31-28
Montana (DW)	State	0098	01-01-26
Nebraska	State	NE-OS-32-17	01-31-26
New Hampshire	NELAP	2730	01-10-26
New Jersey	NELAP	PA011	06-30-25
New York	NELAP	10670	03-31-25
North Carolina (DW)	State	42705	07-31-25
North Carolina (WW/SW)	State	521	12-31-25
North Dakota	State	R-205	01-31-24 *
Oklahoma	NELAP	9804	08-31-25
Oregon	NELAP	PA200001	09-11-25
Pennsylvania	NELAP	36-00037	01-31-26

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Quebec Ministry of Environment and Fight against Climate Change	PALA	507	09-16-29
Rhode Island	State	LAO00338	12-30-25
South Carolina	State	89002	01-31-25 *
Tennessee	State	02838	01-31-26
Texas	NELAP	T104704194-23-46	08-31-25
USDA	US Federal Programs	525-22-298-19481	10-25-25
Vermont	State	VT - 36037	10-28-25
Virginia	NELAP	460182	06-14-25
Washington	State	C457	04-11-25
West Virginia (DW)	State	9906 C	03-31-26
West Virginia DEP	State	055	07-31-25
Wyoming	State	8TMS-L	01-31-26
Wyoming (UST)	A2LA	0001.01	03-30-25

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Method Summary

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-302521-1
SDG: 24C034.00

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET CF
8081B	Organochlorine Pesticides (GC)	SW846	EET CF
8151A	Herbicides (GC)	SW846	ELLE
6020B	Metals (ICP/MS)	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
3511	Microextraction of Organic Compounds	SW846	EET CF
5030B	Purge and Trap	SW846	EET CF
8151A	Extraction (Herbicides)	SW846	ELLE
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
ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

eurofins | Environment Testing America

310-302521 Chain of Custody

Cooler/Sample Receipt and Temperature Log Form

Client Information

Client: Foth Infrastructure & Environment

City/State: CITY | STATE | Project:

Receipt Information

Date/Time Received: DATE 3.21.25 | TIME 1410 | Received By: CGC

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: P | 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): 3.9 | Corrected Temp (°C): 3.9

• **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

eurofins | Environment Testing America

Place COC scanning label here

Cooler/Sample Receipt and Temperature Log Form

Client Information

Client: Foth Infrastructure & Environment

City/State: CITY | STATE | Project:

Receipt Information

Date/Time Received: DATE 3.21.25 | TIME 1410 | Received By: CGC

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? HCl, unpreserved ☑ Yes ☐ No *If yes:* Which VOA samples are in cooler? ↓

MW-20_25_04, FB-2_25_04, FB-3_25_04

Temperature Record

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

Thermometer ID: 7 | 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): 3.3 | Corrected Temp (°C): 3.3

• **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

eurofins | Environment Testing America

Place COC scanning label here

Cooler/Sample Receipt and Temperature Log Form

Client Information

Client: Foth Infrastructure & Environment

City/State: CITY | STATE | Project:

Receipt Information

Date/Time Received: DATE 3.21.25 | TIME 1410 | Received By: CGC

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? ↓

Temperature Record

Coolant: ☑ Wet ice ☐ Blue ice ☐ Dry ice ☐ Other: ☐ NONE

Thermometer ID: P | 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): 2.1 | Corrected Temp (°C): 2.1

• 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 4

COC Number: 1-3865545471-030725-148305

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: Karmin McShane (CRLCSWA)		Project #: 24C034.00
Phone: (319) 365-9565	P O		Profile #:
Email Addresses: gina.wilming@foth.com	Project Name: CRLCSWA Site 2 GW - Spring 2025	Regulatory Agency: Iowa DNR	Sampling Team Members: Tyler Merritt, Randy Gavin, Curtis Schwartz
hannah.dubbs@foth.com	Task #: 24C034_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	Benzene	Cobalt	Sulfide	2,4-D	2,4,5-TP (Silvex)	beta-BHC	gamma-BHC (Lindane)	Heptachlor	Appendix I VOCs	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		
1	GU-1_25_04 •	GU-1	WG	G	03-20-25	11:25	8	4		1	3				X	X											
2	GU-L_25_04 •	GU-L	WG	G	03-20-25	12:45	8	4		1	3				X	X											
3	GU-O_25_04 •	GU-O	WG	G	03-20-25	13:00	8	4		1	3				X	X											
4	GU-P_25_04 •	GU-P	WG	G	03-20-25	13:15	8	4		1	3				X	X											
5	MW-9AR_25_04	MW-9AR	WG	G											X	X			X	X	X	X	X	X			
6	MW-15_25_04	MW-15	WG	G											X	X											
7	MW-18_25_04	MW-18	WG	G											X	X											
8	MW-19_25_04	MW-19	WG	G											X	X											
9	MW-20_25_04 •	MW-20	WG	G	03-20-25	11:50	8	4		1	3				X	X											
10	MW-22_25_04 •	MW-22	WG	G	03-20-25	09:05	12	8		1	3				X	X					X	X					
11	MW-24_25_04	MW-24	WG	G											X	X											
12	MW-26A_25_04	MW-26A	WG	G											X	X											

SHIPMENT METHOD	AIRBILL NO.	SHIPPING DATE	NO. OF COOLERS	ITEM #	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
								CGC EET	3-21-25	1410

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: Curtis Schwartz

DATE Signed: 03-21-25

Foth

CHAIN-OF-CUSTODY / Analytical Request Document

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Page: 2 of 4

COC Number: 1-3865545471-030725-148305

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: Karmin McShane (CRLCSWA)		Project #: 24C034.00
Phone: (319) 365-9565	P O		Profile #:
Email Addresses: gina.wilming@foth.com	Project Name: CRLCSWA Site 2 GW - Spring 2025	Regulatory Agency: Iowa DNR	Sampling Team Members: Tyler Merritt, Randy Gavin, Curtis Schwartz
hannah.dubbs@foth.com	Task #: 24C034_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	Benzene	Cobalt	Sulfide	2,4-D	2,4,5-TP (Silvex)	beta-BHC	gamma-BHC (Lindane)	Heptachlor	Appendix I VOCs	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		
13	MW-29_25_04	MW-29	WG	G												X	X	X									
14	MW-30_25_04	MW-30	WG	G												X	X	X									
15	MW-201B_25_04	MW-201B	WG	G											X	X			X	X	X	X	X	X			
16	MW-300_25_04	MW-300	WG	G											X	X											
17	MW-301_25_04	MW-301	WG	G											X	X											
18	MW-302R_25_04	MW-302R	WG	G											X	X											
19	MW-303_25_04	MW-303	WG	G											X	X				X			X	X			
20	MW-304R_25_04	MW-304R	WG	G											X	X											
21	MW-305_25_04	MW-305	WG	G											X	X											
22	MW-306_25_04 *	MW-306	WG	G	03-20-25	10:45	8	4		1	3					X	X	X									
23	MW-307A_25_04 *	MW-307A	WG	G	03-20-25	10:05	8	4		1	3					X	X	X									
24	MW-501_25_04	MW-501	WG	G											X	X											

SHIPMENT METHOD	AIRBILL NO.	SHIPPING DATE	NO. OF COOLERS	ITEM #	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
								CGC EET	3-21-25	1440

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: 03-21-25

Page 00 of 07

4/4/2025

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CHAIN-OF-CUSTODY / Analytical Request Document

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Page: 3 of 4

COC Number: 1-3865545471-030725-148305

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: Karmin McShane (CRLCSWA)		Project #: 24C034.00
Phone: (319) 365-9565	P O		Profile #:
Email Addresses: gina.wilming@foth.com	Project Name: CRLCSWA Site 2 GW - Spring 2025	Regulatory Agency: Iowa DNR	Sampling Team Members: Tyler Merritt, Randy Gavin, Curtis Schwartz
hannah.dubbs@foth.com	Task #: 24C034_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	Benzene	Cobalt	Sulfide	2,4-D	2,4,5-TP (Silvex)	beta-BHC	gamma-BHC (Lindane)	Heptachlor	Appendix I VOCs	Filtered (Y/N)	REMARKS / Lab ID
25	MW-502_25_04	MW-502	WG	G											X	X											
26	FD-1_25_04		WG	G											X	X											
27	FD-2_25_04		WG	G											X	X											
28	FD-3_25_04		WG	G	03-20-25	—	8	4		1	3				X	X											
29	FD-4_25_04		WG	G											X	X											
30	FB-1_25_04	Field Blank	WG	G											X	X			X	X	X	X	X	X			
31	FB-2_25_04	Field Blank	WG	G	03-20-25	10:35	13	8		1	3	1			X	X			X	X	X	X	X	X			
32	TB-1_25_04	Trip Blank	WG	G																					X		
33	TB-2_25_04	Trip Blank	WG	G	—	—	4				4														X		
34	TB-3_25_04	Trip Blank	WG	G																					X		
35	TB-4_25_04	Trip Blank	WG	G																					X		
36	MW-204A_25_04	MW-204A	WG	G											X	X											

SHIPMENT METHOD	AIRBILL NO.	SHIPPING DATE	NO. OF COOLERS	ITEM #	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
								CGL EET	3-21-25	1410

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: 03-21-25

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CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 4 of 4

COC Number: 1-3865545471-030725-148305

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: Karmin McShane (CRLCSWA)		Project #: 24C034.00
Phone: (319) 365-9565	P O		Profile #:
Email Addresses: gina.wilming@foth.com	Project Name: CRLCSWA Site 2 GW - Spring 2025	Regulatory Agency: Iowa DNR	Sampling Team Members: Tyler Merritt, Randy Gavin, Curtis Schwartz
hannah.dubbs@foth.com	Task #: 24C034_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	Benzene	Cobalt	Sulfide	2,4-D	2,4,5-TP (Silvex)	beta-BHC	gamma-BHC (Lindane)	Heptachlor	Appendix I VOCs	Filtered (Y/N)	REMARKS / Lab ID
37	MW-204B_25_04	MW-204B	WG	G											X	X											
38	MW-213A_25_04	MW-213A	WG	G											X	X											
39	MW-213B_25_04	MW-213B	WG	G											X	X											
40	MW-214_25_04	MW-214	WG	G											X	X											
41	MW-215_25_04	MW-215	WG	G											X	X											
42	MW-218_25_04	MW-218	WG	G											X	X											
43																											
44																											
45																											
46																											
47																											
48																											

SHIPMENT METHOD	AIRBILL NO.	SHIPPING DATE	NO. OF COOLERS	ITEM #	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
								CGC EET	3-21-25	1410

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: 03-21-25

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: 310-81455.1
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 Lancaster Laboratories Environm		Accreditations Required (See note): State Program - Iowa		Job #: 310-302521-1
Address: 2425 New Holland Pike,	Due Date Requested: 4/3/2025			
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: CRLCSWA Site 2 GW - Spring 2025	Project #: 31009776			
Site: N/A	SSOW#: 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)	8151A/8151A_AP (MOD) Standard Herbicides	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
MW-22_25_04 (310-302521-6)	3/20/25	09:05 Central	G	Water			X	2	
FB-2_25_04 (310-302521-10)	3/20/25	10:35 Central	G	Water			X	2	

Analysis Requested

Preservation Codes:
-

Other:
N/A

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
	3/25 1820				
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	3/27/25 0940	

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.: Not Present	Cooler Temperature(s) °C and Other Remarks: R 8.0 C 8.0

Ver: 10/10/2024

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: 310-81454 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 #: 310-302521-1
Address: 18410 Crossing Drive, Suite E,	Due Date Requested: 4/3/2025			
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: CRLCSWA Site 2 GW - Spring 2025	Project #: 31009776			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes

Other: N/A

310-302521 COC

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, Acid soluble and insoluble (Tit	Total Number of containers	Special Instructions/Note:
			Preservation Code.						
FB-2_25_04 (310-302521-10)	3/20/25	10:35 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	Company	Received by	Date/Time	Company
[signature]	3/21/25 1615		[signature]	03/22/25 0955	EETA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time	Company	Received by:	Date/Time	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks.
		2.9 → 2.8 Wet

Login Sample Receipt Checklist

Client: Foth Infrastructure & Environment, LLC

Job Number: 310-302521-1
SDG Number: 24C034.00

Login Number: 302521
List Number: 1
Creator: Homolar, Dana J

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.	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: 310-302521-1
SDG Number: 24C034.00

Login Number: 302521
List Number: 2
Creator: Schmidt, Kara

List Source: Eurofins Chicago
List Creation: 03/22/25 03:03 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	2.8
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").	N/A	
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: 310-302521-1
SDG Number: 24C034.00

Login Number: 302521
List Number: 3
Creator: Cyms, Carolyn M

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 03/22/25 06:01 AM

Question	Answer	Comment
The cooler's custody seal is 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 acceptable,where thermal pres is required(</=6C, not frozen).	False	Cooler temperature outside required temperature criteria.
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	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	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	Not present.
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

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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 4/7/2025 1:24:32 PM

JOB DESCRIPTION

CRLCSWA Site 2 GW - Spring 2025

JOB NUMBER

310-302809-1

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

Table of Contents

Job ID: 310-302809-1 Eurofins Cedar Falls

Job Narrative
310-302809-1

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 3/27/2025 10:45 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 1.4°C.

GC/MS VOA
Method 8260D: The continuing calibration verification (CCV) analyzed in batch 310-450044 was outside the method criteria for the following analyte: Bromomethane (-31.5%D). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. All samples were non-detects for the associated analyte; 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.

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

Pesticides
Method 8081B: The surrogate recovery for the blank and LCS associated with preparation batch 310-449979 and 310-450201 and analytical batch 310-450755 was outside the upper control limits.

Method 8081B: Surrogate recovery for the following samples were outside the upper control limit: MW-201B_25_04 (310-302809-1), (310-302641-B-2-D) and (310-302641-B-2-I MS). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

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: 310-302809-1
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
310-302809-1	MW-201B_25_04	Water	03/26/25 15:10	03/27/25 10:45
310-302809-2	MW-501_25_04	Water	03/26/25 16:55	03/27/25 10:45
310-302809-3	MW-502_25_04	Water	03/26/25 17:50	03/27/25 10:45
310-302809-4	FD-4_25_04	Water	03/26/25 00:00	03/27/25 10:45
310-302809-5	TB-3_25_04	Water	03/26/25 00:00	03/27/25 10:45

Detection Summary

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-302809-1

Client Sample ID: MW-201B_25_04 — Lab Sample ID: 310-302809-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.0997		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.000273	J	0.000500	0.000170	mg/L	1		6020B	Total/NA
Total Suspended Solids	3.50		1.88	1.31	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-501_25_04 — Lab Sample ID: 310-302809-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.000722	J	0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.0191		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cadmium	0.000136	J	0.000200	0.000100	mg/L	1		6020B	Total/NA
Cobalt	0.0123		0.000500	0.000170	mg/L	1		6020B	Total/NA
Nickel	0.0238		0.00500	0.00230	mg/L	1		6020B	Total/NA
Zinc	0.0166	J	0.0200	0.0130	mg/L	1		6020B	Total/NA
Total Suspended Solids	12.3		5.00	3.50	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-502_25_04 — Lab Sample ID: 310-302809-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.176		0.00200	0.000660	mg/L	1		6020B	Total/NA
Lead	0.000383	J	0.000500	0.000330	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: FD-4_25_04 — Lab Sample ID: 310-302809-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.000608	J	0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.0175		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cadmium	0.000100	J	0.000200	0.000100	mg/L	1		6020B	Total/NA
Cobalt	0.0111		0.000500	0.000170	mg/L	1		6020B	Total/NA
Nickel	0.0213		0.00500	0.00230	mg/L	1		6020B	Total/NA
Zinc	0.0145	J	0.0200	0.0130	mg/L	1		6020B	Total/NA
Total Suspended Solids	13.7		5.00	3.50	mg/L	1		I-3765-85	Total/NA

Client Sample ID: TB-3_25_04 — Lab Sample ID: 310-302809-5

No Detections.

This Detection Summary does not include radiochemical test results.

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-302809-1

Client Sample ID: MW-201B_25_04
Date Collected: 03/26/25 15:10
Date Received: 03/27/25 10:45

Lab Sample ID: 310-302809-1
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			03/28/25 14:08	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			03/28/25 14:08	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			03/28/25 14:08	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			03/28/25 14:08	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			03/28/25 14:08	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			03/28/25 14:08	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			03/28/25 14:08	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			03/28/25 14:08	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			03/28/25 14:08	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			03/28/25 14:08	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			03/28/25 14:08	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			03/28/25 14:08	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			03/28/25 14:08	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			03/28/25 14:08	1
2-Hexanone	<2.00		10.0	2.00	ug/L			03/28/25 14:08	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			03/28/25 14:08	1
Acetone	<3.10		10.0	3.10	ug/L			03/28/25 14:08	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			03/28/25 14:08	1
Benzene	<0.220		0.500	0.220	ug/L			03/28/25 14:08	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			03/28/25 14:08	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			03/28/25 14:08	1
Bromoform	<0.780		5.00	0.780	ug/L			03/28/25 14:08	1
Bromomethane	<1.10		4.00	1.10	ug/L			03/28/25 14:08	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			03/28/25 14:08	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			03/28/25 14:08	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			03/28/25 14:08	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			03/28/25 14:08	1
Chloroethane	<0.790		4.00	0.790	ug/L			03/28/25 14:08	1
Chloroform	<1.30		3.00	1.30	ug/L			03/28/25 14:08	1
Chloromethane	<0.610		3.00	0.610	ug/L			03/28/25 14:08	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			03/28/25 14:08	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			03/28/25 14:08	1
Dibromomethane	<0.330		1.00	0.330	ug/L			03/28/25 14:08	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			03/28/25 14:08	1
Iodomethane	<7.00		10.0	7.00	ug/L			03/28/25 14:08	1
Methylene chloride	<1.70		5.00	1.70	ug/L			03/28/25 14:08	1
Styrene	<0.370		1.00	0.370	ug/L			03/28/25 14:08	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			03/28/25 14:08	1
Toluene	<0.430		1.00	0.430	ug/L			03/28/25 14:08	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			03/28/25 14:08	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			03/28/25 14:08	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			03/28/25 14:08	1
Trichloroethene	<0.430		1.00	0.430	ug/L			03/28/25 14:08	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			03/28/25 14:08	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			03/28/25 14:08	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			03/28/25 14:08	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			03/28/25 14:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*106*		*73 - 130*		*03/28/25 14:08*	*1*

Client Sample ID: MW-201B_25_04
Lab Sample ID: 310-302809-1
Date Collected: 03/26/25 15:10
Matrix: Water
Date Received: 03/27/25 10:45

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*98*		*80 - 120*		*03/28/25 14:08*	*1*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*		*03/28/25 14:08*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
beta-BHC	<0.0388		0.0923	0.0388	ug/L		03/31/25 09:52	04/04/25 19:04	1
gamma-BHC (Lindane)	<0.00923		0.0923	0.00923	ug/L		03/31/25 09:52	04/04/25 19:04	1
Heptachlor	<0.0212		0.0923	0.0212	ug/L		03/31/25 09:52	04/04/25 19:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*144*	*S1+*	*10 - 136*	*03/31/25 09:52*	*04/04/25 19:04*	*1*
Tetrachloro-m-xylene	*91*		*10 - 130*	*03/31/25 09:52*	*04/04/25 19:04*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	<0.0277		0.0629	0.0277	ug/L		04/01/25 15:00	04/02/25 09:32	1
2,4-D	<0.315		0.755	0.315	ug/L		04/01/25 15:00	04/02/25 09:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid (Surr)	*73*		*34 - 142*	*04/01/25 15:00*	*04/02/25 09:32*	*1*
2,4-Dichlorophenylacetic acid (Surr)	*68*		*34 - 142*	*04/01/25 15:00*	*04/02/25 09:32*	*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		03/31/25 08:30	04/04/25 17:04	1
Arsenic	<0.000530		0.00200	0.000530	mg/L		03/31/25 08:30	04/04/25 17:04	1
Barium	**0.0997**		0.00200	0.000660	mg/L		03/31/25 08:30	04/04/25 17:04	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		03/31/25 08:30	04/04/25 17:04	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		03/31/25 08:30	04/04/25 17:04	1
Chromium	<0.00180		0.00500	0.00180	mg/L		03/31/25 08:30	04/04/25 17:04	1
Cobalt	**0.000273**	**J**	0.000500	0.000170	mg/L		03/31/25 08:30	04/04/25 17:04	1
Copper	<0.00320		0.00500	0.00320	mg/L		03/31/25 08:30	04/04/25 17:04	1
Lead	<0.000330		0.000500	0.000330	mg/L		03/31/25 08:30	04/04/25 17:04	1
Nickel	<0.00230		0.00500	0.00230	mg/L		03/31/25 08:30	04/04/25 17:04	1
Selenium	<0.00140		0.00500	0.00140	mg/L		03/31/25 08:30	04/04/25 17:04	1
Silver	<0.000500		0.00100	0.000500	mg/L		03/31/25 08:30	04/04/25 17:04	1
Thallium	<0.000570		0.00100	0.000570	mg/L		03/31/25 08:30	04/04/25 17:04	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		03/31/25 08:30	04/04/25 17:04	1
Zinc	<0.0130		0.0200	0.0130	mg/L		03/31/25 08:30	04/04/25 17:04	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		03/30/25 18:26	03/31/25 02:18	1
Total Suspended Solids (USGS I-3765-85)	**3.50**		1.88	1.31	mg/L			03/27/25 18:47	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-302809-1

Client Sample ID: MW-501_25_04
Date Collected: 03/26/25 16:55
Date Received: 03/27/25 10:45

Lab Sample ID: 310-302809-2
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			03/28/25 14:30	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			03/28/25 14:30	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			03/28/25 14:30	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			03/28/25 14:30	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			03/28/25 14:30	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			03/28/25 14:30	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			03/28/25 14:30	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			03/28/25 14:30	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			03/28/25 14:30	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			03/28/25 14:30	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			03/28/25 14:30	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			03/28/25 14:30	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			03/28/25 14:30	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			03/28/25 14:30	1
2-Hexanone	<2.00		10.0	2.00	ug/L			03/28/25 14:30	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			03/28/25 14:30	1
Acetone	<3.10		10.0	3.10	ug/L			03/28/25 14:30	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			03/28/25 14:30	1
Benzene	<0.220		0.500	0.220	ug/L			03/28/25 14:30	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			03/28/25 14:30	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			03/28/25 14:30	1
Bromoform	<0.780		5.00	0.780	ug/L			03/28/25 14:30	1
Bromomethane	<1.10		4.00	1.10	ug/L			03/28/25 14:30	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			03/28/25 14:30	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			03/28/25 14:30	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			03/28/25 14:30	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			03/28/25 14:30	1
Chloroethane	<0.790		4.00	0.790	ug/L			03/28/25 14:30	1
Chloroform	<1.30		3.00	1.30	ug/L			03/28/25 14:30	1
Chloromethane	<0.610		3.00	0.610	ug/L			03/28/25 14:30	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			03/28/25 14:30	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			03/28/25 14:30	1
Dibromomethane	<0.330		1.00	0.330	ug/L			03/28/25 14:30	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			03/28/25 14:30	1
Iodomethane	<7.00		10.0	7.00	ug/L			03/28/25 14:30	1
Methylene chloride	<1.70		5.00	1.70	ug/L			03/28/25 14:30	1
Styrene	<0.370		1.00	0.370	ug/L			03/28/25 14:30	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			03/28/25 14:30	1
Toluene	<0.430		1.00	0.430	ug/L			03/28/25 14:30	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			03/28/25 14:30	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			03/28/25 14:30	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			03/28/25 14:30	1
Trichloroethene	<0.430		1.00	0.430	ug/L			03/28/25 14:30	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			03/28/25 14:30	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			03/28/25 14:30	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			03/28/25 14:30	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			03/28/25 14:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*104*		*73 - 130*		*03/28/25 14:30*	*1*

Client Sample ID: MW-501_25_04
Lab Sample ID: 310-302809-2
Date Collected: 03/26/25 16:55
Matrix: Water
Date Received: 03/27/25 10:45

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*97*		*80 - 120*		*03/28/25 14:30*	*1*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*		*03/28/25 14:30*	*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		03/31/25 08:30	04/04/25 17:06	1
Arsenic	**0.000722**	**J**	0.00200	0.000530	mg/L		03/31/25 08:30	04/04/25 17:06	1
Barium	**0.0191**		0.00200	0.000660	mg/L		03/31/25 08:30	04/04/25 17:06	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		03/31/25 08:30	04/04/25 17:06	1
Cadmium	**0.000136**	**J**	0.000200	0.000100	mg/L		03/31/25 08:30	04/04/25 17:06	1
Chromium	<0.00180		0.00500	0.00180	mg/L		03/31/25 08:30	04/04/25 17:06	1
Cobalt	**0.0123**		0.000500	0.000170	mg/L		03/31/25 08:30	04/04/25 17:06	1
Copper	<0.00320		0.00500	0.00320	mg/L		03/31/25 08:30	04/04/25 17:06	1
Lead	<0.000330		0.000500	0.000330	mg/L		03/31/25 08:30	04/04/25 17:06	1
Nickel	**0.0238**		0.00500	0.00230	mg/L		03/31/25 08:30	04/04/25 17:06	1
Selenium	<0.00140		0.00500	0.00140	mg/L		03/31/25 08:30	04/04/25 17:06	1
Silver	<0.000500		0.00100	0.000500	mg/L		03/31/25 08:30	04/04/25 17:06	1
Thallium	<0.000570		0.00100	0.000570	mg/L		03/31/25 08:30	04/04/25 17:06	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		03/31/25 08:30	04/04/25 17:06	1
Zinc	**0.0166**	**J**	0.0200	0.0130	mg/L		03/31/25 08:30	04/04/25 17:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**12.3**		5.00	3.50	mg/L			03/27/25 18:47	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-302809-1

Client Sample ID: MW-502_25_04
Date Collected: 03/26/25 17:50
Date Received: 03/27/25 10:45

Lab Sample ID: 310-302809-3
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			03/28/25 14:53	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			03/28/25 14:53	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			03/28/25 14:53	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			03/28/25 14:53	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			03/28/25 14:53	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			03/28/25 14:53	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			03/28/25 14:53	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			03/28/25 14:53	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			03/28/25 14:53	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			03/28/25 14:53	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			03/28/25 14:53	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			03/28/25 14:53	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			03/28/25 14:53	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			03/28/25 14:53	1
2-Hexanone	<2.00		10.0	2.00	ug/L			03/28/25 14:53	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			03/28/25 14:53	1
Acetone	<3.10		10.0	3.10	ug/L			03/28/25 14:53	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			03/28/25 14:53	1
Benzene	<0.220		0.500	0.220	ug/L			03/28/25 14:53	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			03/28/25 14:53	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			03/28/25 14:53	1
Bromoform	<0.780		5.00	0.780	ug/L			03/28/25 14:53	1
Bromomethane	<1.10		4.00	1.10	ug/L			03/28/25 14:53	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			03/28/25 14:53	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			03/28/25 14:53	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			03/28/25 14:53	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			03/28/25 14:53	1
Chloroethane	<0.790		4.00	0.790	ug/L			03/28/25 14:53	1
Chloroform	<1.30		3.00	1.30	ug/L			03/28/25 14:53	1
Chloromethane	<0.610		3.00	0.610	ug/L			03/28/25 14:53	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			03/28/25 14:53	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			03/28/25 14:53	1
Dibromomethane	<0.330		1.00	0.330	ug/L			03/28/25 14:53	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			03/28/25 14:53	1
Iodomethane	<7.00		10.0	7.00	ug/L			03/28/25 14:53	1
Methylene chloride	<1.70		5.00	1.70	ug/L			03/28/25 14:53	1
Styrene	<0.370		1.00	0.370	ug/L			03/28/25 14:53	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			03/28/25 14:53	1
Toluene	<0.430		1.00	0.430	ug/L			03/28/25 14:53	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			03/28/25 14:53	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			03/28/25 14:53	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			03/28/25 14:53	1
Trichloroethene	<0.430		1.00	0.430	ug/L			03/28/25 14:53	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			03/28/25 14:53	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			03/28/25 14:53	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			03/28/25 14:53	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			03/28/25 14:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*107*		*73 - 130*		*03/28/25 14:53*	*1*

Client Sample ID: MW-502_25_04
Lab Sample ID: 310-302809-3
Date Collected: 03/26/25 17:50
Matrix: Water
Date Received: 03/27/25 10:45

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*96*		*80 - 120*		*03/28/25 14:53*	*1*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*		*03/28/25 14:53*	*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		03/31/25 08:30	04/04/25 17:09	1
Arsenic	<0.000530		0.00200	0.000530	mg/L		03/31/25 08:30	04/04/25 17:09	1
Barium	**0.176**		0.00200	0.000660	mg/L		03/31/25 08:30	04/04/25 17:09	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		03/31/25 08:30	04/04/25 17:09	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		03/31/25 08:30	04/04/25 17:09	1
Chromium	<0.00180		0.00500	0.00180	mg/L		03/31/25 08:30	04/04/25 17:09	1
Cobalt	<0.000170		0.000500	0.000170	mg/L		03/31/25 08:30	04/04/25 17:09	1
Copper	<0.00320		0.00500	0.00320	mg/L		03/31/25 08:30	04/04/25 17:09	1
Lead	**0.000383**	**J**	0.000500	0.000330	mg/L		03/31/25 08:30	04/04/25 17:09	1
Nickel	<0.00230		0.00500	0.00230	mg/L		03/31/25 08:30	04/04/25 17:09	1
Selenium	<0.00140		0.00500	0.00140	mg/L		03/31/25 08:30	04/04/25 17:09	1
Silver	<0.000500		0.00100	0.000500	mg/L		03/31/25 08:30	04/04/25 17:09	1
Thallium	<0.000570		0.00100	0.000570	mg/L		03/31/25 08:30	04/04/25 17:09	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		03/31/25 08:30	04/04/25 17:09	1
Zinc	<0.0130		0.0200	0.0130	mg/L		03/31/25 08:30	04/04/25 17:09	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			03/27/25 18:47	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-302809-1

Client Sample ID: FD-4_25_04
Date Collected: 03/26/25 00:00
Date Received: 03/27/25 10:45

Lab Sample ID: 310-302809-4
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			03/28/25 15:15	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			03/28/25 15:15	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			03/28/25 15:15	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			03/28/25 15:15	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			03/28/25 15:15	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			03/28/25 15:15	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			03/28/25 15:15	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			03/28/25 15:15	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			03/28/25 15:15	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			03/28/25 15:15	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			03/28/25 15:15	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			03/28/25 15:15	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			03/28/25 15:15	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			03/28/25 15:15	1
2-Hexanone	<2.00		10.0	2.00	ug/L			03/28/25 15:15	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			03/28/25 15:15	1
Acetone	<3.10		10.0	3.10	ug/L			03/28/25 15:15	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			03/28/25 15:15	1
Benzene	<0.220		0.500	0.220	ug/L			03/28/25 15:15	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			03/28/25 15:15	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			03/28/25 15:15	1
Bromoform	<0.780		5.00	0.780	ug/L			03/28/25 15:15	1
Bromomethane	<1.10		4.00	1.10	ug/L			03/28/25 15:15	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			03/28/25 15:15	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			03/28/25 15:15	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			03/28/25 15:15	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			03/28/25 15:15	1
Chloroethane	<0.790		4.00	0.790	ug/L			03/28/25 15:15	1
Chloroform	<1.30		3.00	1.30	ug/L			03/28/25 15:15	1
Chloromethane	<0.610		3.00	0.610	ug/L			03/28/25 15:15	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			03/28/25 15:15	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			03/28/25 15:15	1
Dibromomethane	<0.330		1.00	0.330	ug/L			03/28/25 15:15	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			03/28/25 15:15	1
Iodomethane	<7.00		10.0	7.00	ug/L			03/28/25 15:15	1
Methylene chloride	<1.70		5.00	1.70	ug/L			03/28/25 15:15	1
Styrene	<0.370		1.00	0.370	ug/L			03/28/25 15:15	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			03/28/25 15:15	1
Toluene	<0.430		1.00	0.430	ug/L			03/28/25 15:15	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			03/28/25 15:15	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			03/28/25 15:15	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			03/28/25 15:15	1
Trichloroethene	<0.430		1.00	0.430	ug/L			03/28/25 15:15	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			03/28/25 15:15	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			03/28/25 15:15	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			03/28/25 15:15	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			03/28/25 15:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*105*		*73 - 130*		*03/28/25 15:15*	*1*

Client Sample ID: FD-4_25_04
Lab Sample ID: 310-302809-4
Date Collected: 03/26/25 00:00
Matrix: Water
Date Received: 03/27/25 10:45

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*98*		*80 - 120*		*03/28/25 15:15*	*1*
4-Bromofluorobenzene (Surr)	*104*		*80 - 120*		*03/28/25 15:15*	*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		03/31/25 08:30	04/04/25 17:11	1
Arsenic	**0.000608**	**J**	0.00200	0.000530	mg/L		03/31/25 08:30	04/04/25 17:11	1
Barium	**0.0175**		0.00200	0.000660	mg/L		03/31/25 08:30	04/04/25 17:11	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		03/31/25 08:30	04/04/25 17:11	1
Cadmium	**0.000100**	**J**	0.000200	0.000100	mg/L		03/31/25 08:30	04/04/25 17:11	1
Chromium	<0.00180		0.00500	0.00180	mg/L		03/31/25 08:30	04/04/25 17:11	1
Cobalt	**0.0111**		0.000500	0.000170	mg/L		03/31/25 08:30	04/04/25 17:11	1
Copper	<0.00320		0.00500	0.00320	mg/L		03/31/25 08:30	04/04/25 17:11	1
Lead	<0.000330		0.000500	0.000330	mg/L		03/31/25 08:30	04/04/25 17:11	1
Nickel	**0.0213**		0.00500	0.00230	mg/L		03/31/25 08:30	04/04/25 17:11	1
Selenium	<0.00140		0.00500	0.00140	mg/L		03/31/25 08:30	04/04/25 17:11	1
Silver	<0.000500		0.00100	0.000500	mg/L		03/31/25 08:30	04/04/25 17:11	1
Thallium	<0.000570		0.00100	0.000570	mg/L		03/31/25 08:30	04/04/25 17:11	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		03/31/25 08:30	04/04/25 17:11	1
Zinc	**0.0145**	**J**	0.0200	0.0130	mg/L		03/31/25 08:30	04/04/25 17:11	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**13.7**		5.00	3.50	mg/L			03/27/25 19:44	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-302809-1

Client Sample ID: TB-3_25_04
Date Collected: 03/26/25 00:00
Date Received: 03/27/25 10:45

Lab Sample ID: 310-302809-5
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			03/28/25 12:38	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			03/28/25 12:38	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			03/28/25 12:38	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			03/28/25 12:38	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			03/28/25 12:38	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			03/28/25 12:38	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			03/28/25 12:38	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			03/28/25 12:38	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			03/28/25 12:38	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			03/28/25 12:38	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			03/28/25 12:38	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			03/28/25 12:38	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			03/28/25 12:38	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			03/28/25 12:38	1
2-Hexanone	<2.00		10.0	2.00	ug/L			03/28/25 12:38	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			03/28/25 12:38	1
Acetone	<3.10		10.0	3.10	ug/L			03/28/25 12:38	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			03/28/25 12:38	1
Benzene	<0.220		0.500	0.220	ug/L			03/28/25 12:38	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			03/28/25 12:38	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			03/28/25 12:38	1
Bromoform	<0.780		5.00	0.780	ug/L			03/28/25 12:38	1
Bromomethane	<1.10		4.00	1.10	ug/L			03/28/25 12:38	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			03/28/25 12:38	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			03/28/25 12:38	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			03/28/25 12:38	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			03/28/25 12:38	1
Chloroethane	<0.790		4.00	0.790	ug/L			03/28/25 12:38	1
Chloroform	<1.30		3.00	1.30	ug/L			03/28/25 12:38	1
Chloromethane	<0.610		3.00	0.610	ug/L			03/28/25 12:38	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			03/28/25 12:38	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			03/28/25 12:38	1
Dibromomethane	<0.330		1.00	0.330	ug/L			03/28/25 12:38	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			03/28/25 12:38	1
Iodomethane	<7.00		10.0	7.00	ug/L			03/28/25 12:38	1
Methylene chloride	<1.70		5.00	1.70	ug/L			03/28/25 12:38	1
Styrene	<0.370		1.00	0.370	ug/L			03/28/25 12:38	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			03/28/25 12:38	1
Toluene	<0.430		1.00	0.430	ug/L			03/28/25 12:38	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			03/28/25 12:38	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			03/28/25 12:38	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			03/28/25 12:38	1
Trichloroethene	<0.430		1.00	0.430	ug/L			03/28/25 12:38	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			03/28/25 12:38	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			03/28/25 12:38	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			03/28/25 12:38	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			03/28/25 12:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*106*		*73 - 130*		*03/28/25 12:38*	*1*

Client: Foth Infrastructure & Environment, LLC
Job ID: 310-302809-1
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Client Sample ID: TB-3_25_04
Lab Sample ID: 310-302809-5
Date Collected: 03/26/25 00:00
Matrix: Water
Date Received: 03/27/25 10:45

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	98		80 - 120		03/28/25 12:38	1
4-Bromofluorobenzene (Surr)	102		80 - 120		03/28/25 12:38	1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.

GC Semi VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.

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

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)
310-302808-G-1 MS	Matrix Spike	94	101	99
310-302808-G-1 MSD	Matrix Spike Duplicate	95	101	99
310-302809-1	MW-201B_25_04	106	98	100
310-302809-2	MW-501_25_04	104	97	102
310-302809-3	MW-502_25_04	107	96	101
310-302809-4	FD-4_25_04	105	98	104
310-302809-5	TB-3_25_04	106	98	102
LCS 310-450044/7	Lab Control Sample	92	100	101
LCS 310-450044/8	Lab Control Sample	107	99	99
MB 310-450044/6	Method Blank	106	100	103

Surrogate Legend

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

Method: 8081B - Organochlorine Pesticides (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)	
		DCB1	TCX1
Lab Sample ID	Client Sample ID	(10-136)	(10-130)
310-302809-1	MW-201B_25_04	144 S1+	91
LB 310-449979/1-E	Method Blank	214 S1+	123
LCS 310-450201/3-A	Lab Control Sample	169 S1+	117
MB 310-450201/1-A	Method Blank	143 S1+	92

Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)
TCX = Tetrachloro-m-xylene

Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Water **Prep Type: TCLP**

		Percent Surrogate Recovery (Acceptance Limits)	
		DCB1	TCX1
Lab Sample ID	Client Sample ID	(10-136)	(10-130)
310-302641-B-2-I MS	Matrix Spike	148 S1+	106
310-302641-B-2-J MSD	Matrix Spike Duplicate		111

Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)
TCX = Tetrachloro-m-xylene

Method: 8151A - Herbicides (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)	
		DCPAA1	DCPAA2
Lab Sample ID	Client Sample ID	(34-142)	(34-142)
310-302809-1	MW-201B_25_04	73	68
LCS 410-624734/2-A	Lab Control Sample	73	72

Surrogate Summary

Client: Foth Infrastructure & Environment, LLC
Job ID: 310-302809-1
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Method: 8151A - Herbicides (GC) (Continued)

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

		Percent Surrogate Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	DCPAA1 (34-142)	DCPAA2 (34-142)								
LCS 410-624734/2-A - DL	Lab Control Sample	90	89								
LCSD 410-624734/3-A - DL	Lab Control Sample Dup	93	89								
LCSD 410-624734/3-A	Lab Control Sample Dup	79	76								
MB 410-624734/1-A	Method Blank	68	65								

Surrogate Legend

DCPAA = 2,4-Dichlorophenylacetic acid (Surr)

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-302809-1

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

Lab Sample ID: MB 310-450044/6
Matrix: Water
Analysis Batch: 450044

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			03/28/25 11:07	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			03/28/25 11:07	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			03/28/25 11:07	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			03/28/25 11:07	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			03/28/25 11:07	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			03/28/25 11:07	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			03/28/25 11:07	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			03/28/25 11:07	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			03/28/25 11:07	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			03/28/25 11:07	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			03/28/25 11:07	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			03/28/25 11:07	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			03/28/25 11:07	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			03/28/25 11:07	1
2-Hexanone	<2.00		10.0	2.00	ug/L			03/28/25 11:07	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			03/28/25 11:07	1
Acetone	<3.10		10.0	3.10	ug/L			03/28/25 11:07	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			03/28/25 11:07	1
Benzene	<0.220		0.500	0.220	ug/L			03/28/25 11:07	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			03/28/25 11:07	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			03/28/25 11:07	1
Bromoform	<0.780		5.00	0.780	ug/L			03/28/25 11:07	1
Bromomethane	<1.10		4.00	1.10	ug/L			03/28/25 11:07	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			03/28/25 11:07	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			03/28/25 11:07	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			03/28/25 11:07	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			03/28/25 11:07	1
Chloroethane	<0.790		4.00	0.790	ug/L			03/28/25 11:07	1
Chloroform	<1.30		3.00	1.30	ug/L			03/28/25 11:07	1
Chloromethane	<0.610		3.00	0.610	ug/L			03/28/25 11:07	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			03/28/25 11:07	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			03/28/25 11:07	1
Dibromomethane	<0.330		1.00	0.330	ug/L			03/28/25 11:07	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			03/28/25 11:07	1
Iodomethane	<7.00		10.0	7.00	ug/L			03/28/25 11:07	1
Methylene chloride	<1.70		5.00	1.70	ug/L			03/28/25 11:07	1
Styrene	<0.370		1.00	0.370	ug/L			03/28/25 11:07	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			03/28/25 11:07	1
Toluene	<0.430		1.00	0.430	ug/L			03/28/25 11:07	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			03/28/25 11:07	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			03/28/25 11:07	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			03/28/25 11:07	1
Trichloroethene	<0.430		1.00	0.430	ug/L			03/28/25 11:07	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			03/28/25 11:07	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			03/28/25 11:07	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			03/28/25 11:07	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			03/28/25 11:07	1

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

Lab Sample ID: MB 310-450044/6
Matrix: Water
Analysis Batch: 450044

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	*106*		*73 - 130*		*03/28/25 11:07*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*03/28/25 11:07*	*1*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*		*03/28/25 11:07*	*1*

Lab Sample ID: LCS 310-450044/7
Matrix: Water
Analysis Batch: 450044

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	17.17		ug/L		86	71 - 120
1,1,1-Trichloroethane	20.0	16.96		ug/L		85	73 - 129
1,1,2,2-Tetrachloroethane	20.0	17.15		ug/L		86	68 - 124
1,1,2-Trichloroethane	20.0	17.26		ug/L		86	73 - 123
1,1-Dichloroethane	20.0	18.20		ug/L		91	70 - 127
1,1-Dichloroethene	20.0	17.23		ug/L		86	63 - 132
1,2,3-Trichloropropane	20.0	17.13		ug/L		86	65 - 127
1,2-Dibromo-3-chloropropane	20.0	16.70		ug/L		84	50 - 150
1,2-Dibromoethane (EDB)	20.0	17.18		ug/L		86	75 - 125
1,2-Dichlorobenzene	20.0	17.13		ug/L		86	74 - 120
1,2-Dichloroethane	20.0	16.73		ug/L		84	71 - 125
1,2-Dichloropropane	20.0	16.39		ug/L		82	73 - 124
1,4-Dichlorobenzene	20.0	16.91		ug/L		85	72 - 120
2-Butanone (MEK)	40.0	34.64		ug/L		87	50 - 150
2-Hexanone	40.0	34.54		ug/L		86	60 - 140
4-Methyl-2-pentanone (MIBK)	40.0	35.44		ug/L		89	60 - 139
Acetone	40.0	32.40		ug/L		81	50 - 150
Acrylonitrile	200	165.6		ug/L		83	50 - 150
Benzene	20.0	17.32		ug/L		87	72 - 124
Bromochloromethane	20.0	18.14		ug/L		91	73 - 130
Bromodichloromethane	20.0	16.32		ug/L		82	74 - 122
Bromoform	20.0	16.72		ug/L		84	61 - 122
Carbon disulfide	20.0	17.06		ug/L		85	59 - 135
Carbon tetrachloride	20.0	16.10		ug/L		81	67 - 132
Chlorobenzene	20.0	16.87		ug/L		84	76 - 120
Chlorodibromomethane	20.0	16.43		ug/L		82	71 - 121
Chloroform	20.0	17.77		ug/L		89	72 - 125
cis-1,2-Dichloroethene	20.0	17.44		ug/L		87	74 - 123
cis-1,3-Dichloropropene	20.0	17.20		ug/L		86	71 - 125
Dibromomethane	20.0	17.10		ug/L		85	74 - 125
Ethylbenzene	20.0	17.28		ug/L		86	74 - 122
Iodomethane	20.0	11.13		ug/L		56	10 - 150
Methylene chloride	20.0	18.19		ug/L		91	50 - 150
Styrene	20.0	17.18		ug/L		86	74 - 121
Tetrachloroethene	20.0	16.78		ug/L		84	71 - 130
Toluene	20.0	17.69		ug/L		88	74 - 123
trans-1,2-Dichloroethene	20.0	17.42		ug/L		87	70 - 126
trans-1,3-Dichloropropene	20.0	16.45		ug/L		82	69 - 123
trans-1,4-Dichloro-2-butene	20.0	17.60		ug/L		88	50 - 150

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

Lab Sample ID: LCS 310-450044/7
Matrix: Water
Analysis Batch: 450044

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	17.30		ug/L		87	72 - 126		
Vinyl acetate			40.0	32.39		ug/L		81	50 - 150		
Xylenes, Total			40.0	34.31		ug/L		86	73 - 123		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*92*		*73 - 130*
Toluene-d8 (Surr)	*100*		*80 - 120*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*

Lab Sample ID: LCS 310-450044/8
Matrix: Water
Analysis Batch: 450044

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	12.29		ug/L		61	23 - 150		
Chloroethane			20.0	15.78		ug/L		79	54 - 136		
Chloromethane			20.0	15.38		ug/L		77	38 - 150		
Trichlorofluoromethane			20.0	16.63		ug/L		83	54 - 149		
Vinyl chloride			20.0	16.73		ug/L		84	56 - 140		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*107*		*73 - 130*
Toluene-d8 (Surr)	*99*		*80 - 120*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*

Lab Sample ID: 310-302808-G-1 MS
Matrix: Water
Analysis Batch: 450044

Client Sample ID: Matrix Spike
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	20.06		ug/L		80	55 - 130		
1,1,1-Trichloroethane	<0.190		25.0	18.89		ug/L		76	52 - 130		
1,1,2,2-Tetrachloroethane	<0.470		25.0	19.77		ug/L		79	54 - 130		
1,1,2-Trichloroethane	<0.450		25.0	19.64		ug/L		79	58 - 130		
1,1-Dichloroethane	<0.220		25.0	21.13		ug/L		85	49 - 130		
1,1-Dichloroethene	<0.560		25.0	20.34		ug/L		81	37 - 132		
1,2,3-Trichloropropane	<0.590		25.0	19.95		ug/L		80	49 - 130		
1,2-Dibromo-3-chloropropane	<1.20		25.0	18.72		ug/L		75	38 - 150		
1,2-Dibromoethane (EDB)	<0.340		25.0	20.28		ug/L		81	60 - 130		
1,2-Dichlorobenzene	<0.370		25.0	20.70		ug/L		83	59 - 130		
1,2-Dichloroethane	<0.390		25.0	19.21		ug/L		77	51 - 130		
1,2-Dichloropropane	<0.270		25.0	18.85		ug/L		75	57 - 130		
1,4-Dichlorobenzene	<0.230		25.0	20.29		ug/L		81	57 - 130		
2-Butanone (MEK)	<2.10		50.0	33.30		ug/L		67	38 - 150		
2-Hexanone	<2.00		50.0	38.25		ug/L		77	46 - 140		
4-Methyl-2-pentanone (MIBK)	<2.10		50.0	37.85		ug/L		76	47 - 139		
Acetone	<3.10		50.0	49.56		ug/L		99	31 - 150		
Acrylonitrile	<2.20		250	187.1		ug/L		75	40 - 150		

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

Lab Sample ID: 310-302808-G-1 MS
Matrix: Water
Analysis Batch: 450044

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.220		25.0	19.96		ug/L		80	46 - 130
Bromochloromethane	<0.540		25.0	21.78		ug/L		87	57 - 130
Bromodichloromethane	<0.390		25.0	19.24		ug/L		77	57 - 130
Bromoform	<0.780		25.0	19.10		ug/L		76	44 - 130
Carbon disulfide	<0.450		25.0	22.26		ug/L		89	38 - 135
Carbon tetrachloride	<0.650		25.0	18.08		ug/L		72	45 - 132
Chlorobenzene	<0.400		25.0	20.08		ug/L		80	59 - 130
Chlorodibromomethane	<0.750		25.0	20.07		ug/L		80	54 - 130
Chloroform	<1.30		25.0	21.31		ug/L		85	51 - 130
cis-1,2-Dichloroethene	<0.210		25.0	20.51		ug/L		82	45 - 130
cis-1,3-Dichloropropene	<0.250		25.0	18.34		ug/L		73	53 - 130
Dibromomethane	<0.330		25.0	20.53		ug/L		82	59 - 130
Ethylbenzene	<0.310		25.0	19.97		ug/L		80	45 - 130
Iodomethane	<7.00		25.0	11.87		ug/L		47	10 - 150
Methylene chloride	<1.70		25.0	21.88		ug/L		88	37 - 150
Styrene	<0.370		25.0	20.98		ug/L		84	47 - 130
Tetrachloroethene	<0.480		25.0	18.58		ug/L		74	47 - 130
Toluene	<0.430		25.0	20.64		ug/L		83	51 - 130
trans-1,2-Dichloroethene	<0.270		25.0	20.35		ug/L		81	48 - 130
trans-1,3-Dichloropropene	<0.560		25.0	17.21		ug/L		69	50 - 130
trans-1,4-Dichloro-2-butene	<1.10		25.0	17.95		ug/L		72	26 - 150
Trichloroethene	<0.430		25.0	20.02		ug/L		80	51 - 130
Vinyl acetate	<2.50	F1	50.0	10.21	F1	ug/L		20	29 - 150
Xylenes, Total	<0.400		50.0	39.76		ug/L		80	43 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*94*		*73 - 130*
Toluene-d8 (Surr)	*101*		*80 - 120*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*

Lab Sample ID: 310-302808-G-1 MSD
Matrix: Water
Analysis Batch: 450044

Client Sample ID: Matrix Spike Duplicate
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	19.88		ug/L		80	55 - 130	1	20
1,1,1-Trichloroethane	<0.190		25.0	19.09		ug/L		76	52 - 130	1	20
1,1,2,2-Tetrachloroethane	<0.470		25.0	19.60		ug/L		78	54 - 130	1	20
1,1,2-Trichloroethane	<0.450		25.0	19.64		ug/L		79	58 - 130	0	20
1,1-Dichloroethane	<0.220		25.0	20.99		ug/L		84	49 - 130	1	20
1,1-Dichloroethene	<0.560		25.0	19.83		ug/L		79	37 - 132	3	26
1,2,3-Trichloropropane	<0.590		25.0	19.70		ug/L		79	49 - 130	1	26
1,2-Dibromo-3-chloropropane	<1.20		25.0	18.87		ug/L		75	38 - 150	1	20
1,2-Dibromoethane (EDB)	<0.340		25.0	20.67		ug/L		83	60 - 130	2	20
1,2-Dichlorobenzene	<0.370		25.0	20.82		ug/L		83	59 - 130	1	20
1,2-Dichloroethane	<0.390		25.0	19.38		ug/L		78	51 - 130	1	20
1,2-Dichloropropane	<0.270		25.0	19.13		ug/L		77	57 - 130	2	20
1,4-Dichlorobenzene	<0.230		25.0	20.17		ug/L		81	57 - 130	1	20

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

Lab Sample ID: 310-302808-G-1 MSD
Matrix: Water
Analysis Batch: 450044

Client Sample ID: Matrix Spike Duplicate
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	36.72		ug/L		73	38 - 150	10	20
2-Hexanone	<2.00		50.0	39.99		ug/L		80	46 - 140	4	20
4-Methyl-2-pentanone (MIBK)	<2.10		50.0	40.37		ug/L		81	47 - 139	6	20
Acetone	<3.10		50.0	46.96		ug/L		94	31 - 150	5	29
Acrylonitrile	<2.20		250	196.3		ug/L		79	40 - 150	5	20
Benzene	<0.220		25.0	19.65		ug/L		79	46 - 130	2	20
Bromochloromethane	<0.540		25.0	21.48		ug/L		86	57 - 130	1	20
Bromodichloromethane	<0.390		25.0	19.63		ug/L		79	57 - 130	2	20
Bromoform	<0.780		25.0	19.07		ug/L		76	44 - 130	0	20
Carbon disulfide	<0.450		25.0	20.13		ug/L		81	38 - 135	10	30
Carbon tetrachloride	<0.650		25.0	18.44		ug/L		74	45 - 132	2	20
Chlorobenzene	<0.400		25.0	19.63		ug/L		79	59 - 130	2	20
Chlorodibromomethane	<0.750		25.0	19.66		ug/L		79	54 - 130	2	20
Chloroform	<1.30		25.0	21.06		ug/L		84	51 - 130	1	20
cis-1,2-Dichloroethene	<0.210		25.0	20.64		ug/L		83	45 - 130	1	20
cis-1,3-Dichloropropene	<0.250		25.0	18.22		ug/L		73	53 - 130	1	20
Dibromomethane	<0.330		25.0	21.16		ug/L		85	59 - 130	3	20
Ethylbenzene	<0.310		25.0	19.65		ug/L		79	45 - 130	2	20
Iodomethane	<7.00		25.0	13.35		ug/L		53	10 - 150	12	35
Methylene chloride	<1.70		25.0	21.39		ug/L		86	37 - 150	2	24
Styrene	<0.370		25.0	20.24		ug/L		81	47 - 130	4	20
Tetrachloroethene	<0.480		25.0	19.11		ug/L		76	47 - 130	3	20
Toluene	<0.430		25.0	20.62		ug/L		82	51 - 130	0	20
trans-1,2-Dichloroethene	<0.270		25.0	19.80		ug/L		79	48 - 130	3	22
trans-1,3-Dichloropropene	<0.560		25.0	17.86		ug/L		71	50 - 130	4	20
trans-1,4-Dichloro-2-butene	<1.10		25.0	17.64		ug/L		71	26 - 150	2	23
Trichloroethene	<0.430		25.0	19.81		ug/L		79	51 - 130	1	20
Vinyl acetate	<2.50	F1	50.0	10.46	F1	ug/L		21	29 - 150	2	23
Xylenes, Total	<0.400		50.0	39.28		ug/L		79	43 - 130	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*95*		*73 - 130*
Toluene-d8 (Surr)	*101*		*80 - 120*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*

Method: 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: LB 310-449979/1-E
Matrix: Water
Analysis Batch: 450755

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 450201

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
beta-BHC	<0.0381		0.0907	0.0381	ug/L		03/31/25 09:52	04/04/25 15:24	1
gamma-BHC (Lindane)	<0.00907		0.0907	0.00907	ug/L		03/31/25 09:52	04/04/25 15:24	1
Heptachlor	<0.0209		0.0907	0.0209	ug/L		03/31/25 09:52	04/04/25 15:24	1

Surrogate	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*214*	*S1+*	*10 - 136*	*03/31/25 09:52*	*04/04/25 15:24*	*1*

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LB 310-449979/1-E
Matrix: Water
Analysis Batch: 450755

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 450201

Surrogate	LB %Recovery	LB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	123		10 - 130	03/31/25 09:52	04/04/25 15:24	1

Lab Sample ID: MB 310-450201/1-A
Matrix: Water
Analysis Batch: 450755

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 450201

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
beta-BHC	<0.0411		0.0978	0.0411	ug/L		03/31/25 09:52	04/04/25 15:11	1
gamma-BHC (Lindane)	<0.00978		0.0978	0.00978	ug/L		03/31/25 09:52	04/04/25 15:11	1
Heptachlor	<0.0225		0.0978	0.0225	ug/L		03/31/25 09:52	04/04/25 15:11	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	143	S1+	10 - 136	03/31/25 09:52	04/04/25 15:11	1
Tetrachloro-m-xylene	92		10 - 130	03/31/25 09:52	04/04/25 15:11	1

Lab Sample ID: LCS 310-450201/3-A
Matrix: Water
Analysis Batch: 450755

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 450201

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
gamma-BHC (Lindane)			2.77	3.593		ug/L		130	36 - 132		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	169	S1+	10 - 136
Tetrachloro-m-xylene	117		10 - 130

Lab Sample ID: 310-302641-B-2-I MS
Matrix: Water
Analysis Batch: 450755

Client Sample ID: Matrix Spike
Prep Type: TCLP
Prep Batch: 450201

Surrogate	MS %Recovery	MS Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	148	S1+	10 - 136
Tetrachloro-m-xylene	106		10 - 130

Lab Sample ID: 310-302641-B-2-J MSD
Matrix: Water
Analysis Batch: 450755

Client Sample ID: Matrix Spike Duplicate
Prep Type: TCLP
Prep Batch: 450201

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Tetrachloro-m-xylene	111		10 - 130

Method: 8151A - Herbicides (GC)

Lab Sample ID: MB 410-624734/1-A
Matrix: Water
Analysis Batch: 624977

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 624734

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	<0.0220		0.0500	0.0220	ug/L		04/01/25 15:00	04/02/25 07:10	1
2,4-D	<0.250		0.600	0.250	ug/L		04/01/25 15:00	04/02/25 07:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid (Surr)	*68*		*34 - 142*	*04/01/25 15:00*	*04/02/25 07:10*	*1*
2,4-Dichlorophenylacetic acid (Surr)	*65*		*34 - 142*	*04/01/25 15:00*	*04/02/25 07:10*	*1*

Lab Sample ID: LCS 410-624734/2-A
Matrix: Water
Analysis Batch: 624977

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 624734

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
2,4-D			2.00	1.505		ug/L		75	53 - 159		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid (Surr)	*73*		*34 - 142*
2,4-Dichlorophenylacetic acid (Surr)	*72*		*34 - 142*

Lab Sample ID: LCSD 410-624734/3-A
Matrix: Water
Analysis Batch: 624977

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 624734

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4-D			2.00	1.584		ug/L		79	53 - 159	5	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid (Surr)	*79*		*34 - 142*
2,4-Dichlorophenylacetic acid (Surr)	*76*		*34 - 142*

Method: 8151A - Herbicides (GC) - DL

Lab Sample ID: LCS 410-624734/2-A
Matrix: Water
Analysis Batch: 624977

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 624734

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Silvex (2,4,5-TP) - DL			4.01	2.891		ug/L		72	62 - 170		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid (Surr) - DL	*90*		*34 - 142*
2,4-Dichlorophenylacetic acid (Surr) - DL	*89*		*34 - 142*

Method: 8151A - Herbicides (GC) - DL (Continued)

Lab Sample ID: LCSD 410-624734/3-A
Matrix: Water
Analysis Batch: 624977

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 624734

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Silvex (2,4,5-TP) - DL			4.01	2.959		ug/L		74	62 - 170	2	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid (Surr) - DL	*93*		*34 - 142*
2,4-Dichlorophenylacetic acid (Surr) - DL	*89*		*34 - 142*

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 310-450100/1-A
Matrix: Water
Analysis Batch: 450798

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 450100

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		03/31/25 08:30	04/04/25 16:09	1
Arsenic	<0.000530		0.00200	0.000530	mg/L		03/31/25 08:30	04/04/25 16:09	1
Barium	<0.000660		0.00200	0.000660	mg/L		03/31/25 08:30	04/04/25 16:09	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		03/31/25 08:30	04/04/25 16:09	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		03/31/25 08:30	04/04/25 16:09	1
Chromium	<0.00180		0.00500	0.00180	mg/L		03/31/25 08:30	04/04/25 16:09	1
Cobalt	<0.000170		0.000500	0.000170	mg/L		03/31/25 08:30	04/04/25 16:09	1
Copper	<0.00320		0.00500	0.00320	mg/L		03/31/25 08:30	04/04/25 16:09	1
Lead	<0.000330		0.000500	0.000330	mg/L		03/31/25 08:30	04/04/25 16:09	1
Nickel	<0.00230		0.00500	0.00230	mg/L		03/31/25 08:30	04/04/25 16:09	1
Selenium	<0.00140		0.00500	0.00140	mg/L		03/31/25 08:30	04/04/25 16:09	1
Silver	<0.000500		0.00100	0.000500	mg/L		03/31/25 08:30	04/04/25 16:09	1
Thallium	<0.000570		0.00100	0.000570	mg/L		03/31/25 08:30	04/04/25 16:09	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		03/31/25 08:30	04/04/25 16:09	1
Zinc	<0.0130		0.0200	0.0130	mg/L		03/31/25 08:30	04/04/25 16:09	1

Lab Sample ID: LCS 310-450100/2-A
Matrix: Water
Analysis Batch: 450798

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 450100

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.200	0.2114		mg/L		106	80 - 120
Arsenic	0.200	0.1900		mg/L		95	80 - 120
Barium	0.100	0.1008		mg/L		101	80 - 120
Beryllium	0.100	0.08633		mg/L		86	80 - 120
Cadmium	0.100	0.09225		mg/L		92	80 - 120
Chromium	0.100	0.09203		mg/L		92	80 - 120
Cobalt	0.100	0.09510		mg/L		95	80 - 120
Copper	0.200	0.1896		mg/L		95	80 - 120
Lead	0.200	0.1949		mg/L		97	80 - 120
Nickel	0.200	0.1861		mg/L		93	80 - 120
Selenium	0.400	0.3698		mg/L		92	80 - 120
Silver	0.100	0.09826		mg/L		98	80 - 120
Thallium	0.100	0.08619		mg/L		86	80 - 120

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 310-450100/2-A
Matrix: Water
Analysis Batch: 450798

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 450100

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Vanadium			0.100	0.09225		mg/L		92	80 - 120		
Zinc			0.200	0.1807		mg/L		90	80 - 120		

Lab Sample ID: 310-302874-A-1-B MS
Matrix: Water
Analysis Batch: 450798

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 450100

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Antimony	0.00101	J	0.200	0.2264		mg/L		113	75 - 125		
Arsenic	<0.000530		0.200	0.2057		mg/L		103	75 - 125		
Barium	0.0509		0.100	0.1577		mg/L		107	75 - 125		
Beryllium	<0.000330		0.100	0.09672		mg/L		97	75 - 125		
Cadmium	<0.000100		0.100	0.09863		mg/L		99	75 - 125		
Chromium	<0.00180		0.100	0.09760		mg/L		98	75 - 125		
Cobalt	0.000221	J	0.100	0.1023		mg/L		102	75 - 125		
Copper	<0.00320		0.200	0.1980		mg/L		99	75 - 125		
Lead	<0.000330		0.200	0.2054		mg/L		103	75 - 125		
Nickel	<0.00230		0.200	0.1951		mg/L		98	75 - 125		
Selenium	<0.00140		0.400	0.4024		mg/L		101	75 - 125		
Silver	<0.000500		0.100	0.1029		mg/L		103	75 - 125		
Thallium	<0.000570		0.100	0.08435		mg/L		84	75 - 125		
Vanadium	<0.00170		0.100	0.09985		mg/L		100	75 - 125		
Zinc	<0.0130		0.200	0.1965		mg/L		98	75 - 125		

Lab Sample ID: 310-302874-A-1-C MSD
Matrix: Water
Analysis Batch: 450798

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 450100

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	0.00101	J	0.200	0.2191		mg/L		109	75 - 125	3	20
Arsenic	<0.000530		0.200	0.1997		mg/L		100	75 - 125	3	20
Barium	0.0509		0.100	0.1540		mg/L		103	75 - 125	2	20
Beryllium	<0.000330		0.100	0.09308		mg/L		93	75 - 125	4	20
Cadmium	<0.000100		0.100	0.09496		mg/L		95	75 - 125	4	20
Chromium	<0.00180		0.100	0.09480		mg/L		95	75 - 125	3	20
Cobalt	0.000221	J	0.100	0.09817		mg/L		98	75 - 125	4	20
Copper	<0.00320		0.200	0.1920		mg/L		96	75 - 125	3	20
Lead	<0.000330		0.200	0.2006		mg/L		100	75 - 125	2	20
Nickel	<0.00230		0.200	0.1913		mg/L		96	75 - 125	2	20
Selenium	<0.00140		0.400	0.3964		mg/L		99	75 - 125	2	20
Silver	<0.000500		0.100	0.09883		mg/L		99	75 - 125	4	20
Thallium	<0.000570		0.100	0.07955		mg/L		80	75 - 125	6	20
Vanadium	<0.00170		0.100	0.09618		mg/L		96	75 - 125	4	20
Zinc	<0.0130		0.200	0.1899		mg/L		95	75 - 125	3	20

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 310-302812-A-11-B DU
Matrix: Water
Analysis Batch: 450798

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 450100

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Antimony	<0.00100			0.001048	J	mg/L				NC	20
Arsenic	0.0452			0.04379		mg/L				3	20
Barium	0.616			0.5998		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	0.00132			0.001271		mg/L				4	20
Copper	<0.00320			<0.00320		mg/L				NC	20
Lead	<0.000330			0.0005930		mg/L				NC	20
Nickel	0.00689			0.006653		mg/L				4	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 500-811746/1-A
Matrix: Water
Analysis Batch: 811747

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 811746

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	<0.231		1.00	0.231	mg/L		03/30/25 18:00	03/31/25 01:13	1

Lab Sample ID: LCS 500-811746/2-A
Matrix: Water
Analysis Batch: 811747

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 811746

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfide			3.97	3.730		mg/L		94	80 - 120		

Lab Sample ID: 500-265882-X-1-B MS
Matrix: Water
Analysis Batch: 811747

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 811746

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfide	<0.231		9.92	9.444		mg/L		95	75 - 125		

Lab Sample ID: 500-265882-X-1-C MSD
Matrix: Water
Analysis Batch: 811747

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 811746

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfide	<0.231		9.92	8.769		mg/L		88	75 - 125	7	20

Method: I-3765-85 - Residue, Non-filterable (TSS)

Lab Sample ID: MB 310-450002/1
Matrix: Water
Analysis Batch: 450002

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			03/27/25 18:47	1

Lab Sample ID: LCS 310-450002/2
Matrix: Water
Analysis Batch: 450002

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	90.00		mg/L		90	81 - 116

Lab Sample ID: 310-302779-B-2 DU
Matrix: Water
Analysis Batch: 450002

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Suspended Solids	118		114.0		mg/L		3	35

Lab Sample ID: MB 310-450005/1
Matrix: Water
Analysis Batch: 450005

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			03/27/25 19:44	1

Lab Sample ID: LCS 310-450005/2
Matrix: Water
Analysis Batch: 450005

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	92.00		mg/L		92	81 - 116

Lab Sample ID: 310-302809-4 DU
Matrix: Water
Analysis Batch: 450005

Client Sample ID: FD-4_25_04
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Suspended Solids	13.7		15.00		mg/L		9	35

GC/MS VOA

Analysis Batch: 450044

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-302809-1	MW-201B_25_04	Total/NA	Water	8260D	
310-302809-2	MW-501_25_04	Total/NA	Water	8260D	
310-302809-3	MW-502_25_04	Total/NA	Water	8260D	
310-302809-4	FD-4_25_04	Total/NA	Water	8260D	
310-302809-5	TB-3_25_04	Total/NA	Water	8260D	
MB 310-450044/6	Method Blank	Total/NA	Water	8260D	
LCS 310-450044/7	Lab Control Sample	Total/NA	Water	8260D	
LCS 310-450044/8	Lab Control Sample	Total/NA	Water	8260D	
310-302808-G-1 MS	Matrix Spike	Total/NA	Water	8260D	
310-302808-G-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8260D	

GC Semi VOA

Leach Batch: 449979

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 310-449979/1-E	Method Blank	Total/NA	Water	1311	
310-302641-B-2-I MS	Matrix Spike	TCLP	Water	1311	
310-302641-B-2-J MSD	Matrix Spike Duplicate	TCLP	Water	1311	

Prep Batch: 450201

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-302809-1	MW-201B_25_04	Total/NA	Water	3511	
LB 310-449979/1-E	Method Blank	Total/NA	Water	3511	449979
MB 310-450201/1-A	Method Blank	Total/NA	Water	3511	
LCS 310-450201/3-A	Lab Control Sample	Total/NA	Water	3511	
310-302641-B-2-I MS	Matrix Spike	TCLP	Water	3511	449979
310-302641-B-2-J MSD	Matrix Spike Duplicate	TCLP	Water	3511	449979

Analysis Batch: 450755

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-302809-1	MW-201B_25_04	Total/NA	Water	8081B	450201
LB 310-449979/1-E	Method Blank	Total/NA	Water	8081B	450201
MB 310-450201/1-A	Method Blank	Total/NA	Water	8081B	450201
LCS 310-450201/3-A	Lab Control Sample	Total/NA	Water	8081B	450201
310-302641-B-2-I MS	Matrix Spike	TCLP	Water	8081B	450201
310-302641-B-2-J MSD	Matrix Spike Duplicate	TCLP	Water	8081B	450201

Prep Batch: 624734

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-302809-1	MW-201B_25_04	Total/NA	Water	8151A	
MB 410-624734/1-A	Method Blank	Total/NA	Water	8151A	
LCS 410-624734/2-A - DL	Lab Control Sample	Total/NA	Water	8151A	
LCS 410-624734/2-A	Lab Control Sample	Total/NA	Water	8151A	
LCSD 410-624734/3-A	Lab Control Sample Dup	Total/NA	Water	8151A	
LCSD 410-624734/3-A - DL	Lab Control Sample Dup	Total/NA	Water	8151A	

Analysis Batch: 624977

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-302809-1	MW-201B_25_04	Total/NA	Water	8151A	624734
MB 410-624734/1-A	Method Blank	Total/NA	Water	8151A	624734
LCS 410-624734/2-A	Lab Control Sample	Total/NA	Water	8151A	624734

GC Semi VOA (Continued)

Analysis Batch: 624977 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 410-624734/2-A - DL	Lab Control Sample	Total/NA	Water	8151A	624734
LCSD 410-624734/3-A	Lab Control Sample Dup	Total/NA	Water	8151A	624734
LCSD 410-624734/3-A - DL	Lab Control Sample Dup	Total/NA	Water	8151A	624734

Metals

Prep Batch: 450100

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-302809-1	MW-201B_25_04	Total/NA	Water	3005A	
310-302809-2	MW-501_25_04	Total/NA	Water	3005A	
310-302809-3	MW-502_25_04	Total/NA	Water	3005A	
310-302809-4	FD-4_25_04	Total/NA	Water	3005A	
MB 310-450100/1-A	Method Blank	Total/NA	Water	3005A	
LCS 310-450100/2-A	Lab Control Sample	Total/NA	Water	3005A	
310-302874-A-1-B MS	Matrix Spike	Total/NA	Water	3005A	
310-302874-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	3005A	
310-302812-A-11-B DU	Duplicate	Total/NA	Water	3005A	

Analysis Batch: 450798

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-302809-1	MW-201B_25_04	Total/NA	Water	6020B	450100
310-302809-2	MW-501_25_04	Total/NA	Water	6020B	450100
310-302809-3	MW-502_25_04	Total/NA	Water	6020B	450100
310-302809-4	FD-4_25_04	Total/NA	Water	6020B	450100
MB 310-450100/1-A	Method Blank	Total/NA	Water	6020B	450100
LCS 310-450100/2-A	Lab Control Sample	Total/NA	Water	6020B	450100
310-302874-A-1-B MS	Matrix Spike	Total/NA	Water	6020B	450100
310-302874-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	6020B	450100
310-302812-A-11-B DU	Duplicate	Total/NA	Water	6020B	450100

General Chemistry

Analysis Batch: 450002

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-302809-1	MW-201B_25_04	Total/NA	Water	I-3765-85	
310-302809-2	MW-501_25_04	Total/NA	Water	I-3765-85	
310-302809-3	MW-502_25_04	Total/NA	Water	I-3765-85	
MB 310-450002/1	Method Blank	Total/NA	Water	I-3765-85	
LCS 310-450002/2	Lab Control Sample	Total/NA	Water	I-3765-85	
310-302779-B-2 DU	Duplicate	Total/NA	Water	I-3765-85	

Analysis Batch: 450005

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-302809-4	FD-4_25_04	Total/NA	Water	I-3765-85	
MB 310-450005/1	Method Blank	Total/NA	Water	I-3765-85	
LCS 310-450005/2	Lab Control Sample	Total/NA	Water	I-3765-85	
310-302809-4 DU	FD-4_25_04	Total/NA	Water	I-3765-85	

Prep Batch: 811746

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-302809-1	MW-201B_25_04	Total/NA	Water	9030B	
MB 500-811746/1-A	Method Blank	Total/NA	Water	9030B	

General Chemistry (Continued)

Prep Batch: 811746 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 500-811746/2-A	Lab Control Sample	Total/NA	Water	9030B	
500-265882-X-1-B MS	Matrix Spike	Total/NA	Water	9030B	
500-265882-X-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	9030B	

Analysis Batch: 811747

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-302809-1	MW-201B_25_04	Total/NA	Water	9034	811746
MB 500-811746/1-A	Method Blank	Total/NA	Water	9034	811746
LCS 500-811746/2-A	Lab Control Sample	Total/NA	Water	9034	811746
500-265882-X-1-B MS	Matrix Spike	Total/NA	Water	9034	811746
500-265882-X-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	9034	811746

Client Sample ID: MW-201B_25_04

Lab Sample ID: 310-302809-1

Date Collected: 03/26/25 15:10

Matrix: Water

Date Received: 03/27/25 10:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	450044	MZR8	EET CF	03/28/25 14:08
Total/NA	Prep	3511			450201	BW2O	EET CF	03/31/25 09:52
Total/NA	Analysis	8081B		1	450755	BW2O	EET CF	04/04/25 19:04
Total/NA	Prep	8151A			624734	QJZ6	ELLE	04/01/25 15:00
Total/NA	Analysis	8151A		1	624977	UAMZ	ELLE	04/02/25 09:32
Total/NA	Prep	3005A			450100	QTZ5	EET CF	03/31/25 08:30
Total/NA	Analysis	6020B		1	450798	NFT2	EET CF	04/04/25 17:04
Total/NA	Prep	9030B			811746	CLB	EET CHI	03/30/25 18:26 - 03/30/25 18:30 [1]
Total/NA	Analysis	9034		1	811747	CLB	EET CHI	03/31/25 02:18 - 03/31/25 02:28 [1]
Total/NA	Analysis	I-3765-85		1	450002	XJ7V	EET CF	03/27/25 18:47

Client Sample ID: MW-501_25_04

Lab Sample ID: 310-302809-2

Date Collected: 03/26/25 16:55

Matrix: Water

Date Received: 03/27/25 10:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	450044	MZR8	EET CF	03/28/25 14:30
Total/NA	Prep	3005A			450100	QTZ5	EET CF	03/31/25 08:30
Total/NA	Analysis	6020B		1	450798	NFT2	EET CF	04/04/25 17:06
Total/NA	Analysis	I-3765-85		1	450002	XJ7V	EET CF	03/27/25 18:47

Client Sample ID: MW-502_25_04

Lab Sample ID: 310-302809-3

Date Collected: 03/26/25 17:50

Matrix: Water

Date Received: 03/27/25 10:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	450044	MZR8	EET CF	03/28/25 14:53
Total/NA	Prep	3005A			450100	QTZ5	EET CF	03/31/25 08:30
Total/NA	Analysis	6020B		1	450798	NFT2	EET CF	04/04/25 17:09
Total/NA	Analysis	I-3765-85		1	450002	XJ7V	EET CF	03/27/25 18:47

Client Sample ID: FD-4_25_04

Lab Sample ID: 310-302809-4

Date Collected: 03/26/25 00:00

Matrix: Water

Date Received: 03/27/25 10:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	450044	MZR8	EET CF	03/28/25 15:15
Total/NA	Prep	3005A			450100	QTZ5	EET CF	03/31/25 08:30
Total/NA	Analysis	6020B		1	450798	NFT2	EET CF	04/04/25 17:11
Total/NA	Analysis	I-3765-85		1	450005	XJ7V	EET CF	03/27/25 19:44

Lab Chronicle

Client: Foth Infrastructure & Environment, LLC
Job ID: 310-302809-1
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Client Sample ID: TB-3_25_04
Lab Sample ID: 310-302809-5
Date Collected: 03/26/25 00:00
Matrix: Water
Date Received: 03/27/25 10:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	450044	MZR8	EET CF	03/28/25 12:38

[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

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: Foth Infrastructure & Environment, LLC
Job ID: 310-302809-1
Project/Site: CRLCSWA Site 2 GW - Spring 2025

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

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

Authority	Program	Identification Number	Expiration Date
Iowa	State	082	05-01-26

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	0001.01	11-30-26
A2LA	Dept. of Energy	0001.01	11-30-26
A2LA	ISO/IEC 17025	0001.01	11-30-26
Alabama	State	43200	01-31-26
Alaska	State	PA00009	06-30-25
Arizona	State	AZ0780	03-12-26
Arkansas DEQ	State	88-00660	08-09-25
California	State	2792	01-31-26
Colorado	State	PA00009	06-30-25
Connecticut	State	PH-0746	06-30-25
Delaware (DW)	State	N/A	01-31-26
Florida	NELAP	E87997	06-30-25
Georgia (DW)	State	C048	01-31-26
Illinois	NELAP	200027	01-31-26
Iowa	State	361	03-01-26
Kansas	NELAP	E-10151	10-31-25
Kentucky (DW)	State	KY90088	12-31-25
Kentucky (UST)	State	0001.01	11-30-26
Kentucky (WW)	State	KY90088	12-31-25
Louisiana (All)	NELAP	02055	06-30-25
Maine	State	2019012	03-12-27
Maryland	State	100	06-30-25
Massachusetts	State	M-PA009	06-30-25
Michigan	State	9930	01-31-26
Minnesota	NELAP	042-999-487	12-31-25
Mississippi	State	023	01-31-26
Missouri	State	450	01-31-28
Montana (DW)	State	0098	01-01-26
Nebraska	State	NE-OS-32-17	01-31-26
New Hampshire	NELAP	2730	01-10-26
New Jersey	NELAP	PA011	06-30-25
New York	NELAP	10670	04-01-26
North Carolina (DW)	State	42705	07-31-25
North Carolina (WW/SW)	State	521	12-31-25
North Dakota	State	R-205	01-31-24 *
Oklahoma	NELAP	9804	08-31-25
Oregon	NELAP	PA200001	09-11-25
Pennsylvania	NELAP	36-00037	01-31-26

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Client: Foth Infrastructure & Environment, LLC
Job ID: 310-302809-1
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Quebec Ministry of Environment and Fight against Climate Change	PALA	507	09-16-29
Rhode Island	State	LAO00338	12-30-25
South Carolina	State	89002	01-31-25 *
Tennessee	State	02838	01-31-26
Texas	NELAP	T104704194-23-46	08-31-25
USDA	US Federal Programs	525-22-298-19481	10-25-25
Vermont	State	VT - 36037	10-28-25
Virginia	NELAP	460182	06-14-25
Washington	State	C457	04-11-25
West Virginia (DW)	State	9906 C	03-31-26
West Virginia DEP	State	055	07-31-25
Wyoming	State	8TMS-L	01-31-26
Wyoming (UST)	A2LA	0001.01	11-30-26

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Method Summary

Client: Foth Infrastructure & Environment, LLC
Job ID: 310-302809-1
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET CF
8081B	Organochlorine Pesticides (GC)	SW846	EET CF
8151A	Herbicides (GC)	SW846	ELLE
6020B	Metals (ICP/MS)	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
3511	Microextraction of Organic Compounds	SW846	EET CF
5030B	Purge and Trap	SW846	EET CF
8151A	Extraction (Herbicides)	SW846	ELLE
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

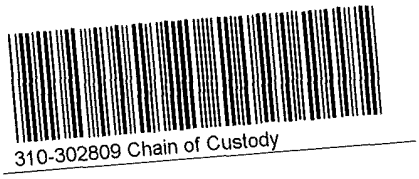
Laboratory References:

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

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

eurofins | Environment Testing America



Cooler/Sample Receipt and Temperature Log Form

Client Information

Client: Fclh Infrastructure & Env

City/State: CITY Cedar Rapids STATE IA | Project:

Receipt Information

Date/Time Received: DATE 3/27 TIME 10 45 | Received By: BP

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: IR | 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): 1.4 | Corrected Temp (°C): 1.4

• 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

FD 4 25 04 broke

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 4 **COC Number:** 1-3865545471-030725-148305

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: Karmin McShane (CRLCSWA)		Project #: 24C034.00
Phone: (319) 365-9565	P O		Profile #:
Email Addresses: gina.wilming@foth.com	Project Name: CRLCSWA Site 2 GW - Spring 2025	Regulatory Agency: Iowa DNR	Sampling Team Members: Tyler Merritt Curtis Schwartz Randy Gavin
hannah.dubbs@foth.com	Task #: 24C034_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	Benzene	Cobalt	Sulfide	2,4-D	2,4,5-TP (Silvex)	beta-BHC	gamma-BHC (Lindane)	Heptachlor	Appendix I VOCs	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		
1	GU-1_25_04	GU-1	WG	G											X	X											
2	GU-L_25_04	GU-L	WG	G											X	X											
3	GU-O_25_04	GU-O	WG	G											X	X											
4	GU-P_25_04	GU-P	WG	G											X	X											
5	MW-9AR_25_04	MW-9AR	WG	G											X	X			X	X	X	X	X	X			
6	MW-15_25_04	MW-15	WG	G											X	X											
7	MW-18_25_04	MW-18	WG	G											X	X											
8	MW-19_25_04	MW-19	WG	G											X	X											
9	MW-20_25_04	MW-20	WG	G											X	X											
10	MW-22_25_04	MW-22	WG	G											X	X					X	X					
11	MW-24_25_04	MW-24	WG	G											X	X											
12	MW-26A_25_04	MW-26A	WG	G											X	X											

SHIPMENT METHOD	AIRBILL NO.	SHIPPING DATE	NO. OF COOLERS	ITEM #	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
								3/27/25		

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: 3/27/25

4/1/2025

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 4 **COC Number:** 1-3865545471-030725-148305

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: Karmin McShane (CRLCSWA)		Project #: 24C034.00
Phone: (319) 365-9565	P O		Profile #:
Email Addresses: gina.wilming@foth.com	Project Name: CRLCSWA Site 2 GW - Spring 2025	Regulatory Agency: Iowa DNR	Sampling Team Members: Tyler Merritt Curtis Schwarte Randy Gavin
hannah.dubbs@foth.com	Task #: 24C034_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	Benzene	Cobalt	Sulfide	2,4-D	2,4,5-TP (Silvex)	beta-BHC	gamma-BHC (Lindane)	Heptachlor	Appendix I VOCs	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	
13	MW-29_25_04	MW-29	WG	G												X	X	X									
14	MW-30_25_04	MW-30	WG	G												X	X	X									
15	MW-201B_25_04 •	MW-201B	WG	G	3/26/25	15:10	13	8		1	3	1			X	X			X	X	X	X	X	X			
16	MW-300_25_04	MW-300	WG	G											X	X											
17	MW-301_25_04	MW-301	WG	G											X	X											
18	MW-302R_25_04	MW-302R	WG	G											X	X											
19	MW-303_25_04	MW-303	WG	G											X	X				X			X	X			
20	MW-304R_25_04	MW-304R	WG	G											X	X											
21	MW-305_25_04	MW-305	WG	G											X	X											
22	MW-306_25_04	MW-306	WG	G												X	X	X									
23	MW-307A_25_04	MW-307A	WG	G												X	X	X									
24	MW-501_25_04 •	MW-501	WG	G	3/26/25	16:55	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
								3/27/25 10:45		

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: 3/27/25

4/4/2025

Foth

CHAIN-OF-CUSTODY / Analytical Request Document

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Page: 3 of 4

COC Number: 1-3865545471-030725-148305

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: Karmin McShane (CRLCSWA)		Project #: 24C034.00
Phone: (319) 365-9565	P O		Profile #:
Email Addresses: gina.wilming@foth.com	Project Name: CRLCSWA Site 2 GW - Spring 2025	Regulatory Agency: Iowa DNR	Sampling Team Members: Tyler Merritt Curtis Schwartz Randy Gowin
hannah.dubbs@foth.com	Task #: 24C034_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: MA Appendix I List	TSS	Benzene	Cobalt	Sulfide	2,4-D	2,4,5-TP (Silvex)	beta-BHC	gamma-BHC (Lindane)	Heptachlor	Appendix I VOCs	Filtered (Y/N)	REMARKS / Lab ID
25	MW-502_25_04	MW-502	WG	G	3/26/25	17:50	8	4		1	3				X	X											
26	FD-1_25_04		WG	G											X	X											
27	FD-2_25_04		WG	G											X	X											
28	FD-3_25_04		WG	G											X	X											
29	FD-4_25_04		WG	G	3/26/25	—	8	4		1	3				X	X											
30	FB-1_25_04	Field Blank	WG	G											X	X			X	X	X	X	X	X			
31	FB-2_25_04	Field Blank	WG	G											X	X			X	X	X	X	X	X			
32	TB-1_25_04	Trip Blank	WG	G																					X		
33	TB-2_25_04	Trip Blank	WG	G																					X		
34	TB-3_25_04	Trip Blank	WG	G	—	—	4	2			2														X		
35	TB-4_25_04	Trip Blank	WG	G																					X		Do Not Analyze
36	MW-204A_25_04	MW-204A	WG	G											X	X											

SHIPMENT METHOD	AIRBILL NO.	SHIPPING DATE	NO. OF COOLERS	ITEM #	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
								3/27 1045		

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: 3/27/25

4/4/2025

Foth

CHAIN-OF-CUSTODY / Analytical Request Document

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Page: 4 of 4

COC Number: 1-3865545471-030725-148305

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: Karmin McShane (CRLCSWA)		Project #: 24C034.00
Phone: (319) 365-9565	P O		Profile #:
Email Addresses: gina.wilming@foth.com	Project Name: CRLCSWA Site 2 GW - Spring 2025	Regulatory Agency: Iowa DNR	Sampling Team Members: Tyler Merritt Curtis Schwartz Randy Gavin
hannah.dubbs@foth.com	Task #: 24C034_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: MA Appendix I List	TSS	Benzene	Cobalt	Sulfide	2,4-D	2,4,5-TP (Silvex)	beta-BHC	gamma-BHC (Lindane)	Heptachlor	Appendix I VOCs	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	
37	MW-204B_25_04	MW-204B	WG	G											X	X											
38	MW-213A_25_04	MW-213A	WG	G											X	X											
39	MW-213B_25_04	MW-213B	WG	G											X	X											
40	MW-214_25_04	MW-214	WG	G											X	X											
41	MW-215_25_04	MW-215	WG	G											X	X											
42	MW-218_25_04	MW-218	WG	G											X	X											
43																											
44																											
45																											
46																											
47																											
48																											

SHIPMENT METHOD	AIRBILL NO.	SHIPPING DATE	NO. OF COOLERS	ITEM #	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
								3/27/25 1615		

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: 3/27/25

4/4/2025

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: 310-81578.1
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 Lancaster Laboratories Environm		Accreditations Required (See note): State Program - Iowa		Job #: 310-302809-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 4/9/2025			
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: CRLCSWA Site 2 GW - Spring 2025	Project #: 31009776			
Site: N/A	SSOW#: N/A			

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)	8151A/8151A_AP (MOD) Standard Herbicides	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
MW-201B_25_04 (310-302809-1)	3/26/25	15:10 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
		3/27/25 1440				
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 3/28/25 0950	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2.4-C4.2

Ver: 10/10/2024

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.: 310-81572 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 #: 310-302809-1
Address: 18410 Crossing Drive Suite E,	Due Date Requested: 4/9/2025			
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: CRLCSWA Site 2 GW - Spring 2025	Project #: 31009776			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes

Other: N/A

310-302809 COC

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, Acid soluble and insoluble (Tit	Total Number of containers	Special Instructions/Note:
			Preservation Code						
MW-201B_25_04 (310-302809-1)	3/26/25	15 10 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:	Company	Received by:	Date/Time	Company
	3/27/25 1305		Stephanie Hemann	3/28/25 0915	EEIA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact. Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks
		1.7+1.4

Login Sample Receipt Checklist

Client: Foth Infrastructure & Environment, LLC

Job Number: 310-302809-1
SDG Number:

Login Number: 302809
List Number: 1
Creator: Homolar, Dana J

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	

Login Sample Receipt Checklist

Client: Foth Infrastructure & Environment, LLC

Job Number: 310-302809-1
SDG Number:

Login Number: 302809
List Number: 2
Creator: Hernandez, Stephanie

List Source: Eurofins Chicago
List Creation: 03/28/25 11:56 AM

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	1.4
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").	N/A	
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: 310-302809-1
SDG Number:

Login Number: 302809
List Number: 3
Creator: Ballard, Megan

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 03/28/25 03:11 PM

Question	Answer	Comment
The cooler's custody seal is 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 acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	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	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

Data Validation Report

Project Name:	CRLCSWA Site 2 – Cedar Rapids, IA (24C034.00)
Task Name:	24C034_25_03
Data Set Description:	Spring 2025 Groundwater Event
Laboratory(s):	Eurofins – Cedar Falls, IA and Chicago, IL
Laboratory Sample Delivery Group (SDG) ID(s):	310-302305-1, 310-302521-1, 310-302809-1
Sample Collection Dates:	3/17/2025 – 3/26/2025
Sample Analysis Dates:	3/20/2025 – 4/4/2025
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 Possehl, Environmental Scientist 5/1/2025

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 32 investigative groundwater samples collected via low-flow sampling techniques (monitoring wells) or grab sampling techniques (underdrains) at the Cedar Rapids Linn County Solid Waste Agency (CRLCSWA) Site 2 from March 17 to March 26, 2025; samples are listed in Table 1. The data were collected in accordance with the *Hydrologic Monitoring System Plan* (HDR, 2021), Iowa Department of Natural Resources (IDNR) Sanitary Disposal Permit Number 57-SDP-01-72P, and 567 Iowa Administrative Code (IAC) 113.10.

Validation Summary

Stage 2A data validation was performed on 100% of the data from these 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 with the exception listed below. Parameters and analytical methods analyzed match the COC and current sampling program with the exception below. The COCs associated with laboratory reports 310-302305-1, 310-302521-1 and 310-302809-1 are missing the relinquished signature by the field team. Each page of the COCs is signed by the sampler, but no signature is provided in the Relinquished By section. The Cooler/Sample Receipt and Temperature Log Forms note that samples do not appear to have been compromised or tampered with and arrived at the lab in good condition. Therefore, no further action is required. The field team will be contacted regarding custody procedures prior to future sampling events.	Not applicable

Validation Task and Description	Review Notes	Action
COC and Sample Receipt Form Continued	Trip blank TB-4_25_04 was provided by the lab but was not analyzed since only three shipments of volatile organic samples occurred and trip blanks TB-1_25_04, TB-2_25_04, and TB-3_25_04 were utilized as the trip blanks for those shipments. The COC notes indicated not to perform analysis on TB-4_25_04. For MW-215_25_04, the field staff entered 14:50 as the sample time in the field files and COC; however, the laboratory reported the sample time as 14:05 in laboratory report 310-302305-1. A revised laboratory report was not requested. The sample time for MW-215_25_04 will be updated on the lab EDD prior to upload. 2,4-D and 2,4,5-TP (Silvex) were not reported for MW-9AR_25_04 in laboratory report 310-302305-1 when it was requested on the COC. Eurofins informed Foth that the herbicides samples for MW-9AR_25_04 were shipped to Eurofins - Lancaster, PA for analysis and the hold times were exceeded due to a shipping delay. Due to the hold time exceedances, Foth informed Eurofins not to proceed with the analysis. For MW-9AR, resampling is not recommended since MW-9AR is a background well and herbicides analysis is not required for background wells.	Not applicable Sample time will be updated in the lab EDD prior to data upload. Resampling not recommended
Case Narrative Review for items noted by the laboratory that may impact the validation process.	The quality control issues noted in the case narratives were reviewed and found acceptable. Issues either were addressed in the comments below, had no impact on investigative samples, or were corrected/qualified by the laboratory. No additional actions are required. Note: Continuing calibration verification (CCV) 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 condition. In addition, sulfide sample shipments from Eurofins - Cedar Falls, IA to Eurofins - Chicago, IL were received in acceptable condition. Also, herbicide sample shipments from Eurofins - Cedar Falls, IA to Eurofins - Lancaster, PA were received in acceptable condition. See COC and Sample Receipt Form Review Notes for details.	No qualifiers assigned
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 8151A Herbicides, USEPA 8081B Organochlorine Pesticides, USEPA 6020B Total Metals, USEPA 9034 Sulfide, and United States Geological Survey (USGS) I-3765-85 Total Suspended Solids.	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, except for herbicides requested for MW-9AR_25_04 in report 310-302305-1. As noted in the COC and Sample Receipt Form Review Notes, 2,4-D and 2,4,5-TP (Silvex) were not reported for MW-9AR_25_04 in laboratory report 310-302305-1. Eurofins informed Foth that the herbicides sample for MW-9AR_25_04 was shipped to Eurofins -	See below

Validation Task and Description	Review Notes	Action
Analytes Requested Continued	Lancaster, PA for analysis and the hold times were exceeded. Due to the hold time exceedances, Foth informed Eurofins not to proceed with the analysis. For MW-9AR, resampling is not recommended since MW-9AR is a background well and herbicides analysis is not required for background wells.	Resampling not recommended
Holding Times Confirm laboratory performed extractions and analyses within method-required holding times.	Eurofins performed analyses within the method-required holding times with the exception below. 310-302305-1 Analysis for herbicides per USEPA Method 8151A is required to be extracted within 7 days of sampling and analyzed within 40 days of extraction. MW-303_25_04 and FB-1_25_04 were extracted slightly outside the 7-day holding time (i.e., < 6 hours) but were analyzed within the 40-day holding time from extraction. No guidance is provided in the *National Functional Guidelines for Organic Superfund Methods Data Review* (USEPA, 2020a) for herbicides analyses regarding this issue. However, given the relatively short period of time by which the extraction holding time was exceeded, professional judgment was utilized to not qualify the results for MW-303_25_04 and FB-1_25_04. Resampling is not recommended for MW-303 since the extraction holding time exceedance was < 6 hours and 2,4-D has only been detected once at MW-303. Since FB-1 is a quality control sample, resampling is not applicable.	No qualifiers assigned; Resampling not recommended
Blanks Confirm no detections in laboratory method blanks, field blanks, and trip blanks.	Table 3 presents analytes detected in the method, field, and trip blanks. No detections were found in the method, field, and trip blanks for laboratory report 310-302305-1 and 310-302809-1. No detections were found in the method or trip blanks for laboratory report 310-302521-1. 310-302521-1 Toluene was detected in the field blank (310-302521-10) at an estimated concentration of 0.500 micrograms per liter (ug/L). All sample results associated with this field blank were non-detect for toluene. No qualifiers were 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 the surrogate recoveries that were outside the control limits. 310-302305-1 Surrogate recoveries were within control limits for this SDG. 310-302521-1 The DCAA surrogate recovery for MW-22_25_04 was above the upper acceptance limit indicating potential high bias for associated results in MW-22_25_04. No qualifiers were assigned because the sample was diluted during analysis. 310-302809-1 The DCB surrogate recovery for MW-201B_25_04 was above the upper acceptance limit, though it was below the expanded upper acceptance limit, indicating potential high bias for the pesticide	Not applicable No qualifiers assigned See below

Validation Task and Description	Review Notes	Action
Matrix Spike/Matrix Spike Duplicates (MS/MSD) Continued Confirm, for Organic analytes, MSD relative percent difference (RPD) within limits. For inorganic analytes, lab replicate RPD within limits.	results in MW-201B_25_04. No qualifiers were assigned because the associated results were non-detect. 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 310-302305-1, 310-302521-1 and 310-302809-1 are reviewed under Stage 2A validation guidelines. Table 5 is intended to present MS/MSD recoveries and RPDs that were outside the control limits. <u>310-302305-1</u> The thallium MS/MSD recoveries were slightly below recovery limits. In accordance with the *National Functional Guidelines for Inorganic Superfund Methods Data Review* (USEPA, 2020a), when the MS/MSD recovery is in the range of 30-74% recovery, associated non-detect sample results are qualified UJ. All other MS/MSD recoveries and RPDs were within control limits for this SDG. <u>310-302521-1</u> MS/MSD recoveries and RPDs were within control limits for this SDG. <u>310-302809-1</u> MS/MSD recoveries and RPDs were within control limits for this SDG.	No qualifiers assigned Qualifiers assigned Not applicable Not applicable
Laboratory Control Sample/Laboratory Control Sample Duplicates (LCS/LCSDs) 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 310-302305-1, 310-302521-1 and 310-302809-1 are reviewed under Stage 2A validation guidelines. Table 6 presents the LCS/LCSD recoveries and RPDs that were outside the control limits. All LCS/LCSD recoveries and RPDs were within control limits for these SDGs.	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 310-302305-1, 310-302521-1 and 310-302809-1 are reviewed under Stage 2A validation guidelines. Table 7 is intended to present the lab duplicate sample RPDs that were outside the RPD limits. All lab duplicate RPDs were within control 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 1 per 10 frequency 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:
CCV = continuing calibration verification
COC = chain of custody
DCAA = 2,4-Dichlorophenylacetic acid
DCB = Decachlorobiphenyl
HMSP = Hydrologic Monitoring System Plan
ICP-MS = inductively coupled plasma mass spectrometry
LCS = laboratory control sample
LCSD = laboratory control sample duplicate
mg/L = milligrams per liter
MS = matrix spike
MSD = matrix spike duplicate
QA = quality assurance
QC = quality control
RPD = relative percent difference
SCUR = sample condition upon receipt
SDG = sample delivery group
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		Samples were collected, preserved, shipped/delivered, and analyzed within the method protocols except for 2,4-D and 2,4,5-TP (Silvex) for MW-9AR_25_04. As detailed in the COC and Sample Receipt Form and Analytes Requested Review Notes above, these analyses were not performed due to hold time exceedances. Resampling is not recommended.
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. Where analyzed and reported by the laboratory, MS/MSD, LCS/LCSD, and laboratory duplicate RPDs were within control limits.

Item	Acceptable		Comments
	Yes	No	
3. Accuracy	X		Accuracy was evaluated through surrogate, MS/MSD, and LCS/LCSD recovery. The percent recoveries for surrogate samples were within control limits, with the exceptions identified below. Where analyzed and reported by the laboratory, MS/MSD percent recoveries were within control limits, with one exception identified below. LCS/LCSD percent recoveries were within control limits. As listed in Table 4, surrogate recoveries were outside control limits for a limited number of herbicides and pesticides analyses. No qualifiers
3 Accuracy Continued	X		were assigned because the associated samples were diluted during analysis, or the associated results were non-detect. As listed in Table 5, the thallium MS/MSD recoveries were slightly below the recovery limits. The associated non-detect sample result is qualified UJ.
4. Representativeness	X		Sampling was conducted in accordance with the sample collection procedures described in the approved HMSP.
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 applicable quality assurance/quality control (QA/QC) measurements that were used by the laboratories during the analysis of the samples were generally acceptable. One sample result 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.

- No results were qualified as estimated (assigned as J qualifiers), biased high (assigned J+ qualifier), biased low (assigned as J- qualifier), non-detect at concentrations less than the reporting limit or less than the sample result (assigned as U qualifier), non-detect with the reporting limit an estimated value that is biased high or low (assigned as UJ+ or UJ- qualifiers), or presumptive evidence of the presence of an analyte (assigned as N or NJ qualifiers).
- 1 result (0.04%) was qualified as non-detect at concentrations less than the reporting limit and the reporting limit is an estimated value (assigned as UJ qualifier).
- The percentage of data usable for project data quality objectives is 99.9% because 2,4,5-TP and 2,4-D were not analyzed for MW-9AR.

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-9AR_25_04	310-302305-1	Yes	Yes	Yes	Yes	Normal
MW-15_25_04	310-302305-2	Yes	Yes	Yes	Yes	Normal
MW-18_25_04	310-302305-3	Yes	Yes	Yes	Yes	Normal
MW-19_25_04	310-302305-4	Yes	Yes	Yes	Yes	Normal
MW-24_25_04	310-302305-5	Yes	Yes	Yes	Yes	Normal
MW-26A_25_04	310-302305-6	Yes	Yes	Yes	Yes	Normal
MW-29_25_04	310-302305-7	Yes	Yes	Yes	Yes	Normal
MW-30_25_04	310-302305-8	Yes	Yes	Yes	Yes	Normal
MW-300_25_04	310-302305-9	Yes	Yes	Yes	Yes	Normal
MW-301_25_04	310-302305-10	Yes	Yes	Yes	Yes	Normal
MW-302R_25_04	310-302305-11	Yes	Yes	Yes	Yes	Normal
MW-303_25_04	310-302305-12	Yes	Yes	Yes	**No**	Normal
MW-304R_25_04	310-302305-13	Yes	Yes	Yes	Yes	Normal
MW-305_25_04	310-302305-14	Yes	Yes	Yes	Yes	Normal
FD-1_25_04	310-302305-15	Yes	Yes	Yes	Yes	FD
FD-2_25_04	310-302305-16	Yes	Yes	Yes	Yes	FD
FB-1_25_04	310-302305-17	Yes	Yes	Yes	**No**	FB
TB-1_25_04	310-302305-18	Yes	Yes	Yes	Yes	TB
MW-204A_25_04	310-302305-19	Yes	Yes	Yes	Yes	Normal
MW-204B_25_04	310-302305-20	Yes	Yes	Yes	Yes	Normal
MW-213A_25_04	310-302305-21	Yes	Yes	Yes	Yes	Normal
MW-213B_25_04	310-302305-22	Yes	Yes	Yes	Yes	Normal
MW-214_25_04	310-302305-23	Yes	Yes	Yes	Yes	Normal
MW-215_25_04	310-302305-24	Yes	**No**	Yes	Yes	Normal
MW-218_25_04	310-302305-25	Yes	Yes	Yes	Yes	Normal
GU-1_25_04	310-302521-1	Yes	Yes	Yes	Yes	Normal
GU-L_25_04	310-302521-2	Yes	Yes	Yes	Yes	Normal
GU-O_25_04	310-302521-3	Yes	Yes	Yes	Yes	Normal
GU-P_25_04	310-302521-4	Yes	Yes	Yes	Yes	Normal
MW-20_25_04	310-302521-5	Yes	Yes	Yes	Yes	Normal
MW-22_25_04	310-302521-6	Yes	Yes	Yes	Yes	Normal
MW-306_25_04	310-302521-7	Yes	Yes	Yes	Yes	Normal
MW-307A_25_04	310-302521-8	Yes	Yes	Yes	Yes	Normal
FD-3_25_04	310-302521-9	Yes	Yes	Yes	Yes	FD
FB-2_25_04	310-302521-10	Yes	Yes	Yes	Yes	FB
TB-2_25_04	310-302521-11	Yes	Yes	Yes	Yes	TB
MW-201B_25_04	310-302809-1	Yes	Yes	Yes	Yes	Normal
MW-501_25_04	310-302809-2	Yes	Yes	Yes	Yes	Normal
MW-502_25_04	310-302809-3	Yes	Yes	Yes	Yes	Normal
FD-4_25_04	310-302809-4	Yes	Yes	Yes	Yes	FD
TB-3_25_04	310-302809-5	Yes	Yes	Yes	Yes	TB

Notes:

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	Analysis Batch	Prep Batch	Parameter	Result	Units	Lab Qualifier	MDL	PQL	Associated Samples
310-302521-1	FB	310-302521-10	449706	N/A	Toluene	0.500	ug/L	J	0.430	1.00	GU-1_25_04, GU-L_25_04, GU-O_25_04, GU-P_25_04, MW-20_25_04, MW-22_25_04, FD-3_25_04

Notes:
FB = field blank
MDL = method detection limit
PQL = practical quantitation limit
ug/L = micrograms per liter

Table 4
Surrogate Recovery Exceedances

Lab Sample ID	Parent Sample	Parameter	Surrogate % Recovery	% Recovery Limits	
310-302521-6	MW-22_25_04	2,4-Dichlorophenylacetic Acid	176	34	142
310-302809-1	MW-201B_25_04	DCB Decachlorobiphenyl	144	10	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
310-302305-1 MS	MW-9AR_25_04	Thallium	71	71	75-125	1	20
310-302305-1 MSD							

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	Associated SDG Batch	Parameter	LCS % Recovery	LCSD % Recovery	% Recovery Limits	RPD	RPD Limit
LCS/LCSD recoveries were within control limits for this SDG.							

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

Table 7
Laboratory Duplicate Sample Exceedances

Lab Sample ID	Client Sample ID	Parameter	RPD	RPD Limit
Lab duplicate RPDs were within control limits for these SDGs.				

Notes:
RPD = relative percent difference
SDG = sample delivery group

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

RPD = $\frac{\text{absolute value (a - b)}}{\text{(a + b)/2}}$ **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?
		MW-305_25_04	**FD-1_25_04**		
Barium	mg/L	0.0360	0.0349	3.1%	Yes
Cobalt	mg/L	0.00161	0.00147	low-level	Yes
Nickel	mg/L	J 0.00257	J 0.00241	low-level	Yes
Total Suspended Solids	mg/L	7.38	9.00	low-level	Yes
		MW-302R_25_04	**FD-2_25_04**		
Arsenic	mg/L	J 0.000732	J 0.000789	low-level	Yes
Barium	mg/L	0.113	0.119	5.2%	Yes
Vanadium	mg/L	< 0.00110	J 0.00113	low-level	Yes
Total Suspended Solids	mg/L	3.25	< 3.5	low-level	Yes
		MW-20_25_04	**FD-3_25_04**		
1,4-Dichlorobenzene	ug/L	J 0.380	J 0.310	low-level	Yes
Acetone	ug/L	J 4.34	J 4.56	low-level	Yes
Benzene	ug/L	4.21	4.25	0.9%	Yes
Chlorobenzene	ug/L	3.61	3.52	low-level	Yes
Arsenic	mg/L	0.00220	0.00228	low-level	Yes
Barium	mg/L	0.801	0.815	1.7%	Yes
Cobalt	mg/L	0.00237	0.00237	low-level	Yes
Nickel	mg/L	0.0136	0.0140	low-level	Yes
Vanadium	mg/L	J 0.00234	J 0.00233	low-level	Yes
Total Suspended Solids	mg/L	45.0	41.3	low-level	Yes
		MW-501_25_04	**FD-4_25_04**		
Arsenic	mg/L	J 0.000722	J 0.000608	low-level	Yes
Barium	mg/L	0.0191	0.0175	8.7%	Yes
Cadmium	mg/L	J 0.000136	J 0.000100	low-level	Yes
Cobalt	mg/L	0.0123	0.01110	10.3%	Yes
Nickel	mg/L	0.0238	0.0213	low-level	Yes
Zinc	mg/L	J 0.0166	J 0.0145	low-level	Yes
Total Suspended Solids	mg/L	12.3	13.7	low-level	Yes

Table 9
Qualified Results from Data Validation

Sample ID	Lab Sample ID	Method	Parameter	Result	Lab Qualifier	Units	Qualified Result	Validator Qualifier	Explanation
MW-9AR_25_04	310-302305-1	USEPA 6020B	Thallium	<0.000570	F1	mg/L	<0.000570	UJ	Associated MS %R = 30-74% and MSD < 75%, indicating potential low bias. Qualified UJ since result is non-detect.

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

HDR, 2021. *2021 Landfill Permit Renewal Application, Cedar Rapids Linn County Solid Waste Agency, Site 2, Permit No. 57-SDP-01-72P, Appendix J: Hydrologic Monitoring System Plan.* September 16.

United States Environmental Protection Agency (USEPA, 2020a). *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.

USEPA, 2020b. *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.

August 2025 Sampling Event

Groundwater Sampling Field Sheet

Site Name:	Cedar Rapids Linn County Solid Waste Agency Site 2	Permit No.:	57-SDP-01-72P
Well/Piezometer:	GU-1	Weather:	Clear, 70°, NW wind at 10-15 mph, 30.1" Hg
Date:	8/25/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Location Details

Description of Sample Location: GU-1 is the underdrain discharge point for the 13-Acre Cell. The underdrain system beneath the 13-Acre Cell gravity drains to a manhole located west of the cell. GU-1 is sampled using a peristaltic pump at the underdrain manhole.

Conditions commentary: No issues identified.

Sampling Details

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

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 | Volume sampled (L): 1.49
Well dry? (Y/N): No | Odor? (Y/N): No | Color? (Y/N): Yes, slight

Sample Name(s)	Method(s)	Container(s)	Filtered?
GU-1_25_08	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	16:30
Temp (°C)	22.42
Sp. Cond (umhos/cm)	2516.0
pH	7.80
DO (mg/l)	4.93
ORP (mV)	87.5
Turbidity (NTU)	8.23

Comments: Depth to water = 10.46 ft on 8/22/25 and 10.04 ft on 8/25/25 (prior to sample collection).

Groundwater Sampling Field Sheet

Site Name:	Cedar Rapids Linn County Solid Waste Agency Site 2	Permit No.:	57-SDP-01-72P
Well/Piezometer:	GU-L	Weather:	Clear, 70°, NW wind at 10-15 mph, 30.1" Hg
Date:	8/25/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Location Details

Description of Sample Location: GU-L is the underdrain discharge point for the leachate lagoon. GU-L is sampled with a peristaltic pump from the riser located on the east side of the lagoon.

Conditions commentary: No issues identified.

Sampling Details

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

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 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?
GU-1_25_08	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	16:05
Temp (°C)	23.91
Sp. Cond (umhos/cm)	1005.0
pH	7.84
DO (mg/l)	6.85
ORP (mV)	53.2
Turbidity (NTU)	0.66

Comments: Depth to water = 10.10 ft on 8/22/25 and 10.32 ft on 8/25/25 (prior to sample collection)

Groundwater Sampling Field Sheet

Site Name:	Cedar Rapids Linn County Solid Waste Agency Site 2	Permit No.:	57-SDP-01-72P
Well/Piezometer:	GU-O	Weather:	Clear, 70°, NW wind at 10-15 mph, 30.1" Hg
Date:	8/25/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Location Details

Description of Sample Location: GU-O is the underdrain discharge point for a portion of Phase 1; located on the east side of Phase 1. GU-O is sampled using the dedicated lift station's discharge pump.

Conditions commentary: No issues identified.

Sampling Details

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

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:) 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?
GU-O_25_08	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	17:40
Temp (°C)	21.19
Sp. Cond (umhos/cm)	1853.0
pH	7.24
DO (mg/l)	2.75
ORP (mV)	-11.1
Turbidity (NTU)	1.82

Comments:

Groundwater Sampling Field Sheet

Site Name:	Cedar Rapids Linn County Solid Waste Agency Site 2	Permit No.:	57-SDP-01-72P
Well/Piezometer:	GU-P	Weather:	Clear, 70°, NW wind at 10-15 mph, 30.1" Hg
Date:	8/25/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Location Details

Description of Sample Location: GU-P is the underdrain discharge point for Phases 1-5A; located on the east side of Phase 5A. GU-P is sampled using the dedicated lift station's discharge pump.

Conditions commentary: No issues identified.

Sampling Details

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

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?
GU-P_25_08	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	17:15
Temp (°C)	18.33
Sp. Cond (umhos/cm)	1033.0
pH	7.39
DO (mg/l)	2.44
ORP (mV)	-13.9
Turbidity (NTU)	1.52

Comments: Depth to water = 10.32 ft on 8/25/2025 (prior to sample collection).

Site Name: Cedar Rapids Linn County Solid Waste Agency Site 2 | Permit No.: 57-SDP-01-72P

Well/Piezometer: MW-9AR | Weather: Partly Cloudy, 69°F, NW wind at 10-15 mph, 30.1" Hg

Date: 8/25/2025 | Personnel: O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 8.5 | Casing Diameter (in): 2 | Ground surface elevation (ft. MSL): 860.61

Top of screen (ft. MSL): 851.60 | Materials: PVC | Top of Casing elevation (ft. MSL): 863.70

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	7.54	7.77	8.23
Water elevation (ft. MSL):	856.16	855.93	855.47

3 Well Volumes (gal): 7.11 | Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC):	22.09	22.10	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:) 845.70 | Flow Rate (mL/min): 150 | Volume removed (gal): 2.0 | 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-9AR_25_08	USEPA 8260D - Appendix I VOCs	(3) VOA Vial 40 mL - HCl	No
		(3) VOA Vial 40 mL - Unpreserved	No
	USEPA 8081B - beta-BHC; gamma-BHC; Heptachlor	(2) Amber Glass 250 mL - Unpreserved	No
	USEPA 8151A - 2,4-D; 2,4,5-TP	(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

Site Name:	Cedar Rapids Linn County Solid Waste Agency Site 2	Permit No.:	57-SDP-01-72P
Well/Piezometer:	MW-9AR	Weather:	Partly Cloudy, 69°F, NW wind at 10-15 mph, 30.1" Hg
Date:	8/25/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Field Analysis

			Final Reading
Time	15:18	15:20	15:22
Temp (°C)	18.08	17.68	17.50
Sp. Cond (umhos/cm)	7715.0	7709.0	7690.0
pH	6.98	6.99	6.98
DO (mg/l)	0.23	0.22	0.21
ORP (mV)	38.4	37.6	37.3
Turbidity (NTU)	42.24	41.22	41.62

Comments: Reddish-orange turbidity at purge start.

Site Name: Cedar Rapids Linn County Solid Waste Agency Site 2 | Permit No.: 57-SDP-01-72P

Well/Piezometer: MW-15 | Weather: Cloudy, 67°F, SSW 5-10 mph, 30.2" Hg

Date: 8/27/2025 | Personnel: O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 9 | Casing Diameter (in): 2 | Ground surface elevation (ft. MSL): 817.11

Top of screen (ft. MSL): 809.70 | Materials: PVC | Top of Casing elevation (ft. MSL): 820.16

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	7.08	7.84	8.52
Water elevation (ft. MSL):	813.08	812.32	811.64

3 Well Volumes (gal): 6.54 | Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC):	20.46	20.50	0.04

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:) 805.16 | Flow Rate (mL/min): 250 | 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-15_25_08	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	11:56	11:58	12:00
Temp (°C)	15.59	15.66	15.69
Sp. Cond (umhos/cm)	1283.6	1288.9	1297.6
pH	6.90	6.89	6.91
DO (mg/l)	0.25	0.21	0.20
ORP (mV)	212.5	212.5	211.2
Turbidity (NTU)	2.95	2.82	2.87

Site Name:	Cedar Rapids Linn County Solid Waste Agency Site 2	Permit No.:	57-SDP-01-72P
Well/Piezometer:	MW-15	Weather:	Cloudy, 67°F, SSW 5-10 mph, 30.2" Hg
Date:	8/27/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Comments: Collected field duplicate (FD-3_25_08) at MW-15

Site Name: Cedar Rapids Linn County Solid Waste Agency Site 2 | Permit No.: 57-SDP-01-72P

Well/Piezometer: MW-16 | Weather: Partly cloudy, 77°F, WSW wind at 5-10 mph, 30.1" Hg

Date: 8/22/2025 | Personnel: O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 9 | Casing Diameter (in): 2 | Ground surface elevation (ft. MSL): 819.80

Top of screen (ft. MSL): 800.23 | Materials: PVC | Top of Casing elevation (ft. MSL): 822.24

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	6.13	N/A	N/A
Water elevation (ft. MSL):	816.11	N/A	N/A

3 Well Volumes (gal): 16.57 | Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC):	40.01	N/A	N/A

Well conditions commentary: See Well Maintenance Evaluation Form for Details

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

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: Water level monitoring location only.

Site Name: Cedar Rapids Linn County Solid Waste Agency Site 2 | Permit No.: 57-SDP-01-72P

Well/Piezometer: MW-18 | Weather: Clear, 72°, S wind at 10-20 mph, 30.1" Hg

Date: 8/27/2025 | Personnel: O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 9 | Casing Diameter (in): 2 | Ground surface elevation (ft. MSL): 827.29

Top of screen (ft. MSL): 820.40 | Materials: PVC | Top of Casing elevation (ft. MSL): 830.04

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	8.04	8.56	8.88
Water elevation (ft. MSL):	822.00	821.48	821.16

3 Well Volumes (gal): 5.67 | Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC):	19.64	19.95	0.31

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:) 815.04 | Flow Rate (mL/min): 200 | Volume removed (gal): 1.1 | 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-18_25_08	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	16:03	16:05	16:07
Temp (°C)	15.19	15.49	15.44
Sp. Cond (umhos/cm)	1838.9	1811.3	1814.6
pH	7.04	7.03	7.03
DO (mg/l)	0.19	0.18	0.17
ORP (mV)	64.0	65.6	67.4
Turbidity (NTU)	4.07	2.95	4.16

Site Name:	Cedar Rapids Linn County Solid Waste Agency Site 2	Permit No.:	57-SDP-01-72P
Well/Piezometer:	MW-18	Weather:	Clear, 72°, S wind at 10-20 mph, 30.1" Hg
Date:	8/27/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Comments:

Site Name: Cedar Rapids Linn County Solid Waste Agency Site 2 | Permit No.: 57-SDP-01-72P

Well/Piezometer: MW-19 | Weather: Cloudy, 72°F, S wind at 10-20 mph, 30.1" Hg

Date: 8/27/2025 | Personnel: O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 9 | Casing Diameter (in): 2 | Ground surface elevation (ft. MSL): 844.90

Top of screen (ft. MSL): 837.59 | Materials: PVC | Top of Casing elevation (ft. MSL): 847.13

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	6.31	6.93	9.44
Water elevation (ft. MSL):	840.82	840.20	837.69

3 Well Volumes (gal): 6.47 | Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC):	19.54	19.80	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:) 832.13 | Flow Rate (mL/min): 200 | Volume removed (gal): 0.8 | Volume sampled (L): 1.49

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-19_25_08	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	16:44	16:46	16:48
Temp (°C)	14.98	15.02	15.03
Sp. Cond (umhos/cm)	2102.3	2101.5	2089.3
pH	6.83	6.82	6.82
DO (mg/l)	0.36	0.29	0.26
ORP (mV)	73.3	70.3	67.1
Turbidity (NTU)	2.23	2.74	0.23

Site Name:	Cedar Rapids Linn County Solid Waste Agency Site 2	Permit No.:	57-SDP-01-72P
Well/Piezometer:	MW-19	Weather:	Cloudy, 72°F, S wind at 10-20 mph, 30.1" Hg
Date:	8/27/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Comments: *Reddish-orange at purge start

Site Name: Cedar Rapids Linn County Solid Waste Agency Site 2 | Permit No.: 57-SDP-01-72P

Well/Piezometer: MW-20 | Weather: Cloudy, 62°F, SSE wind at 5-10 mph, 30.2" Hg

Date: 8/27/2025 | Personnel: O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 9 | Casing Diameter (in): 2 | Ground surface elevation (ft. MSL): 819.80

Top of screen (ft. MSL): 810.20 | Materials: PVC | Top of Casing elevation (ft. MSL): 822.25

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	9.46	10.17	10.34
Water elevation (ft. MSL):	812.79	812.08	811.91

3 Well Volumes (gal): 6.50 | Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC):	22.76	23.00	0.24

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:) 804.25 | Flow Rate (mL/min): 250 | Volume removed (gal): 1.8 | Volume sampled (L): 1.49

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-20_25_08	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	14:22	14:24	14:26
Temp (°C)	14.64	14.93	15.10
Sp. Cond (umhos/cm)	2140.1	2112.4	2089.1
pH	6.77	6.73	6.72
DO (mg/l)	0.13	0.13	0.13
ORP (mV)	-46.9	-46.2	-45.2
Turbidity (NTU)	55.13	52.73	57.93

Site Name:	Cedar Rapids Linn County Solid Waste Agency Site 2	Permit No.:	57-SDP-01-72P
Well/Piezometer:	MW-20	Weather:	Cloudy, 62°F, SSE wind at 5-10 mph, 30.2" Hg
Date:	8/27/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Comments: *Slight color and effervescence in sample.

Site Name: Cedar Rapids Linn County Solid Waste Agency Site 2 | Permit No.: 57-SDP-01-72P

Well/Piezometer: MW-22 | Weather: Cloudy, 68°F, S wind at 10-15 mph mph, 30.1" Hg

Date: 8/27/2025 | Personnel: O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 9 | Casing Diameter (in): 2 | Ground surface elevation (ft. MSL): 834.57

Top of screen (ft. MSL): 827.36 | Materials: PVC | Top of Casing elevation (ft. MSL): 834.04

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	3.23	3.09	3.78
Water elevation (ft. MSL):	830.81	830.95	830.26

3 Well Volumes (gal): 6.58 | Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC):	16.68	16.25	0.43

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:) 820.04 | Flow Rate (mL/min): 200 | Volume removed (gal): 1.1 | 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-22_25_08	USEPA 8260D - Appendix I VOCs	(3) VOA Vial 40 mL - HCl	No
		(3) VOA Vial 40 mL - Unpreserved	No
	USEPA 8081B - beta-BHC	(2) Amber Glass 250 mL - Unpreserved	No
	USEPA 8151A - 2,4,5-TP	(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	15:53	15:55	15:57
Temp (°C)	15.88	16.01	16.05
Sp. Cond (umhos/cm)	3998.0	3998.0	3996.0
pH	7.10	7.11	7.12
DO (mg/l)	0.16	0.14	0.13
ORP (mV)	16.9	11.7	7.3
Turbidity (NTU)	0.4	0.5	0.4

Site Name:	Cedar Rapids Linn County Solid Waste Agency Site 2	Permit No.:	57-SDP-01-72P
Well/Piezometer:	MW-22	Weather:	Cloudy, 68°F, S wind at 10-15 mph mph, 30.1" Hg
Date:	8/27/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Comments:

Site Name: Cedar Rapids Linn County Solid Waste Agency Site 2 | Permit No.: 57-SDP-01-72P

Well/Piezometer: MW-23 | Weather: Partly cloudy, 77°F, WSW wind at 5-10 mph, 30.1" Hg

Date: 8/22/2025 | Personnel: O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 9 | Casing Diameter (in): 2 | Ground surface elevation (ft. MSL): 840.17

Top of screen (ft. MSL): 832.97 | Materials: PVC | Top of Casing elevation (ft. MSL): 842.60

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	2.24	N/A	N/A
Water elevation (ft. MSL):	840.36	N/A	N/A

3 Well Volumes (gal): 7.24 | Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC):	17.05	N/A	N/A

Well conditions commentary: See Well Maintenance Evaluation Form for Details

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

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: Water level monitoring location only.

Site Name: Cedar Rapids Linn County Solid Waste Agency Site 2 | Permit No.: 57-SDP-01-72P

Well/Piezometer: MW-24 | Weather: Partly cloudy, 74°F, WNW wind at 5-10 mph, 30.2" Hg

Date: 8/27/2025 | 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): 817.39

Top of screen (ft. MSL): 811.70 | Materials: PVC | Top of Casing elevation (ft. MSL): 820.27

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	8.49	9.44	8.47
Water elevation (ft. MSL):	811.78	810.83	811.80

3 Well Volumes (gal): 2.06 | Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC):	12.71	12.85	0.14

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:) 809.27 | 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-24_25_08	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	15:42	15:44	15:46
Temp (°C)	9.47	9.47	9.47
Sp. Cond (umhos/cm)	2459.0	2463.0	2462.0
pH	7.01	7.01	7.01
DO (mg/l)	2.23	2.14	2.07
ORP (mV)	101.3	105.0	108.0
Turbidity (NTU)	1.07	0.79	0.92

Site Name:	Cedar Rapids Linn County Solid Waste Agency Site 2	Permit No.:	57-SDP-01-72P
Well/Piezometer:	MW-24	Weather:	Partly cloudy, 74°F, WNW wind at 5-10 mph, 30.2" Hg
Date:	8/27/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Comments: Collected field duplicate (FD-2_25_08) at MW-24.

Site Name: Cedar Rapids Linn County Solid Waste Agency Site 2 | Permit No.: 57-SDP-01-72P

Well/Piezometer: MW-26A | Weather: Partly cloudy, 73°F, NW wind at 5-10 mph, 30.2" Hg

Date: 8/26/2025 | 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): 825.65

Top of screen (ft. MSL): 813.46 | Materials: PVC | Top of Casing elevation (ft. MSL): 828.26

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	16.61	17.35	17.42
Water elevation (ft. MSL):	811.65	810.91	810.84

3 Well Volumes (gal): 1.56 | Screen submerged? (Y/N): No

	Constructed	Measured	Difference
Well Depth (ft. TOC):	19.80	20.05	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:) 809.26 | Flow Rate (mL/min): 125 | 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-26A_25_08	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	15:04	15:06	15:32
Temp (°C)	16.68	16.42	16.45
Sp. Cond (umhos/cm)	2855.0	2851.0	2849
pH	6.81	6.82	6.84
DO (mg/l)	0.25	0.26	0.25
ORP (mV)	-10.6	-12.8	-13.6
Turbidity (NTU)	2.19	1.04	2.99

Site Name:	Cedar Rapids Linn County Solid Waste Agency Site 2	Permit No.:	57-SDP-01-72P
Well/Piezometer:	MW-26A	Weather:	Partly cloudy, 73°F, NW wind at 5-10 mph, 30.2" Hg
Date:	8/26/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Comments: Slight effervescence in sample.

Site Name: Cedar Rapids Linn County Solid Waste Agency Site 2 | Permit No.: 57-SDP-01-72P

Well/Piezometer: MW-27 | Weather: Partly cloudy, 77°F, WSW wind at 5-10 mph, 30.1" Hg

Date: 8/22/2025 | Personnel: O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 9.25 | Casing Diameter (in): 2 | Ground surface elevation (ft. MSL): 818.03

Top of screen (ft. MSL): 813.03 | Materials: PVC | Top of Casing elevation (ft. MSL): 820.59

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	8.08	N/A	N/A
Water elevation (ft. MSL):	812.51	N/A	N/A

3 Well Volumes (gal): 4.68 | Screen submerged? (Y/N): No

	Constructed	Measured	Difference
Well Depth (ft. TOC):	17.65	N/A	N/A

Well conditions commentary: See Well Maintenance Evaluation Form for Details

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

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: Water level monitoring location only.

Site Name: Cedar Rapids Linn County Solid Waste Agency Site 2 | Permit No.: 57-SDP-01-72P

Well/Piezometer: MW-28 | Weather: Partly cloudy, 77°F, WSW wind at 5-10 mph, 30.1" Hg

Date: 8/22/2025 | Personnel: O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 9.25 | Casing Diameter (in): 2 | Ground surface elevation (ft. MSL): 817.91

Top of screen (ft. MSL): 803.41 | Materials: PVC | Top of Casing elevation (ft. MSL): 820.29

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	8.47	N/A	N/A
Water elevation (ft. MSL):	811.82	N/A	N/A

3 Well Volumes (gal): 6.34 | Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC):	21.44	N/A	N/A

Well conditions commentary: See Well Maintenance Evaluation Form for Details

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

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: Water level monitoring location only.

Site Name: Cedar Rapids Linn County Solid Waste Agency Site 2 | Permit No.: 57-SDP-01-72P

Well/Piezometer: MW-29 | Weather: Cloudy, 63°F, SSE wind at 5-10 mph, 30.2" Hg

Date: 8/27/2025 | Personnel: O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 9.25 | Casing Diameter (in): 2 | Ground surface elevation (ft. MSL): 816.63

Top of screen (ft. MSL): 811.63 | Materials: PVC | Top of Casing elevation (ft. MSL): 819.26

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	6.91	7.39	7.46
Water elevation (ft. MSL):	812.35	811.87	811.80

3 Well Volumes (gal): 5.00 | Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC):	17.14	17.35	0.21

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:) 804.26 | Flow Rate (mL/min): 200 | Volume removed (gal): 1.6 | 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-29_25_08	USEPA 8260D - Benzene	(3) VOA Vial 40 mL - HCl	No
		(3) VOA Vial 40 mL - Unpreserved	No
	USEPA 6020B - Cobalt	(1) Plastic 250 mL - HNO_3	No
	USGS I-3765-85 - TSS	(1) Plastic 1 Liter - Unpreserved	No

Field Analysis

			Final Reading
Time	14:14	14:18	14:20
Temp (°C)	14.50	14.53	14.54
Sp. Cond (umhos/cm)	1701.00	1704.00	1701.00
pH	6.89	6.89	6.89
DO (mg/l)	0.17	0.16	0.16
ORP (mV)	49.9	45.0	41.1
Turbidity (NTU)	9.91	9.97	9.13

Site Name:	Cedar Rapids Linn County Solid Waste Agency Site 2	Permit No.:	57-SDP-01-72P
Well/Piezometer:	MW-29	Weather:	Cloudy, 63°F, SSE wind at 5-10 mph, 30.2" Hg
Date:	8/27/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Comments:

Site Name: Cedar Rapids Linn County Solid Waste Agency Site 2 | Permit No.: 57-SDP-01-72P

Well/Piezometer: MW-30 | Weather: Cloudy, 64°F, SSE wind at 5-10 mph, 30.1" Hg

Date: 8/27/2025 | Personnel: O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 9.25 | Casing Diameter (in): 2 | Ground surface elevation (ft. MSL): 816.16

Top of screen (ft. MSL): 811.16 | Materials: PVC | Top of Casing elevation (ft. MSL): 818.74

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	6.56	7.25	7.30
Water elevation (ft. MSL):	812.18	811.49	811.44

3 Well Volumes (gal): 5.18 | Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC):	17.15	17.40	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:) 804.74 | Flow Rate (mL/min): 100 | Volume removed (gal): 0.8 | Volume sampled (L): 1.49

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-30_25_08	USEPA 8260D - Benzene	(3) VOA Vial 40 mL - HCl	No
		(3) VOA Vial 40 mL - Unpreserved	No
	USEPA 6020B - Cobalt	(1) Plastic 250 mL - HNO_3	No
	USGS I-3765-85 - TSS	(1) Plastic 1 Liter - Unpreserved	No

Field Analysis

			Final Reading
Time	15:02	15:04	15:06
Temp (°C)	15.15	15.25	15.29
Sp. Cond (umhos/cm)	1476.0	1480.0	1478.0
pH	6.96	6.96	6.96
DO (mg/l)	0.37	0.36	0.34
ORP (mV)	41.3	37.5	34.3
Turbidity (NTU)	11.6	11.3	12.0

Site Name:	Cedar Rapids Linn County Solid Waste Agency Site 2	Permit No.:	57-SDP-01-72P
Well/Piezometer:	MW-30	Weather:	Cloudy, 64°F, SSE wind at 5-10 mph, 30.1" Hg
Date:	8/27/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Comments: *Reddish-orange at purge start

Site Name: Cedar Rapids Linn County Solid Waste Agency Site 2 | Permit No.: 57-SDP-01-72P

Well/Piezometer: MW-201A | Weather: Partly cloudy, 77°F, WSW wind at 5-10 mph, 30.1" Hg

Date: 8/22/2025 | Personnel: O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 8.25 | Casing Diameter (in): 2 | Ground surface elevation (ft. MSL): 868.59

Top of screen (ft. MSL): 861.06 | Materials: PVC | Top of Casing elevation (ft. MSL): 871.41

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	6.24	N/A	N/A
Water elevation (ft. MSL):	865.17	N/A	N/A

3 Well Volumes (gal): 5.68 | Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC):	17.85	N/A	N/A

Well conditions commentary: See Well Maintenance Evaluation Form for Details

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

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: Water level monitoring location only.

Site Name: Cedar Rapids Linn County Solid Waste Agency Site 2 | Permit No.: 57-SDP-01-72P

Well/Piezometer: MW-201B | Weather: Clear, 64°F, NW wind at 5-10 mph, 30.2" Hg

Date: 8/25/2025 | Personnel: O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 8.25 | Casing Diameter (in): 2 | Ground surface elevation (ft. MSL): 868.98

Top of screen (ft. MSL): 818.41 | Materials: PVC | Top of Casing elevation (ft. MSL): 871.06

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	23.75	23.85	34.45
Water elevation (ft. MSL):	847.31	847.21	836.61

3 Well Volumes (gal): 19.02 | Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC):	62.65	62.70	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:) 813.06 | Flow Rate (mL/min): 125 | Volume removed (gal): 3.5 | 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-201B_25_08	USEPA 8260D - Appendix I VOCs	(3) VOA Vial 40 mL - HCl	No
		(3) VOA Vial 40 mL - Unpreserved	No
	USEPA 8081B - beta-BHC; gamma-BHC; Heptachlor	(2) Amber Glass 250 mL - Unpreserved	No
	USEPA 8151A - 2,4-D; 2,4,5-TP	(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

Site Name:	Cedar Rapids Linn County Solid Waste Agency Site 2	Permit No.:	57-SDP-01-72P
Well/Piezometer:	MW-201B	Weather:	Clear, 64°F, NW wind at 5-10 mph, 30.2" Hg
Date:	8/25/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Field Analysis

			Final Reading
Time	11:26	11:30	11:35
Temp (°C)	15.62	13.86	13.62
Sp. Cond (umhos/cm)	636.96	15.82	15.15
pH	7.68	7.68	7.68
DO (mg/l)	4.57	4.56	4.48
ORP (mV)	77.8	77.7	76.2
Turbidity (NTU)	4.90	3.70	5.00

Comments:

Site Name: Cedar Rapids Linn County Solid Waste Agency Site 2 | Permit No.: 57-SDP-01-72P

Well/Piezometer: MW-201C | Weather: Partly cloudy, 77°F, WSW wind at 5-10 mph, 30.1" Hg

Date: 8/22/2025 | Personnel: O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 8.25 | Casing Diameter (in): 2 | Ground surface elevation (ft. MSL): 869.16

Top of screen (ft. MSL): 625.03 | Materials: PVC | Top of Casing elevation (ft. MSL): 870.61

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	47.92	N/A	N/A
Water elevation (ft. MSL):	822.69	N/A	N/A

3 Well Volumes (gal): 102.04 | Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC):	256.60	N/A	N/A

Well conditions commentary: See Well Maintenance Evaluation Form for Details

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

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: Water level monitoring location only.

Site Name: Cedar Rapids Linn County Solid Waste Agency Site 2 | Permit No.: 57-SDP-01-72P

Well/Piezometer: MW-204A | Weather: Clear, 69°F, NW wind at 10-15 mph, 30" Hg

Date: 8/25/2025 | Personnel: O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 8.25 | Casing Diameter (in): 2 | Ground surface elevation (ft. MSL): 819.07

Top of screen (ft. MSL): 813.24 | Materials: PVC | Top of Casing elevation (ft. MSL): 821.35

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	4.76	5.64	5.89
Water elevation (ft. MSL):	816.59	815.71	815.46

3 Well Volumes (gal): 4.08 | Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC):	13.11	13.30	0.19

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:) 811.35 | Flow Rate (mL/min): 150 | 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-204A_25_08	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	13:16	13:18	13:20
Temp (°C)	18.87	18.86	18.79
Sp. Cond (umhos/cm)	1016.0	1015.0	1019.0
pH	6.80	6.80	6.80
DO (mg/l)	0.27	0.25	0.23
ORP (mV)	215.3	209.8	205.9
Turbidity (NTU)	4.40	3.95	3.72

Site Name:	Cedar Rapids Linn County Solid Waste Agency Site 2	Permit No.:	57-SDP-01-72P
Well/Piezometer:	MW-204A	Weather:	Clear, 69°F, NW wind at 10-15 mph, 30" Hg
Date:	8/25/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Comments:

Site Name: Cedar Rapids Linn County Solid Waste Agency Site 2 | Permit No.: 57-SDP-01-72P

Well/Piezometer: MW-204B | Weather: Partly cloudy, 69°F, NW wind at 10-15 mph, 30.1" Hg

Date: 8/25/2025 | Personnel: O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 8.25 | Casing Diameter (in): 2 | Ground surface elevation (ft. MSL): 819.19

Top of screen (ft. MSL): 800.06 | Materials: PVC | Top of Casing elevation (ft. MSL): 821.53

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	6.90	7.39	7.79
Water elevation (ft. MSL):	814.63	814.14	813.74

3 Well Volumes (gal): 9.57 | Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC):	26.47	26.70	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:) 799.53 | Flow Rate (mL/min): 200 | Volume removed (gal): 1.1 | 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-204B_25_08	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	13:54	13:56	13:58
Temp (°C)	15.15	15.01	15.07
Sp. Cond (umhos/cm)	1925.0	1942.0	1963.0
pH	6.63	6.65	6.65
DO (mg/l)	0.16	0.16	0.16
ORP (mV)	54.8	50.9	48.4
Turbidity (NTU)	33.74	36.19	33.36

Site Name:	Cedar Rapids Linn County Solid Waste Agency Site 2	Permit No.:	57-SDP-01-72P
Well/Piezometer:	MW-204B	Weather:	Partly cloudy, 69°F, NW wind at 10-15 mph, 30.1" Hg
Date:	8/25/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Comments:

Site Name: Cedar Rapids Linn County Solid Waste Agency Site 2 | Permit No.: 57-SDP-01-72P

Well/Piezometer: MW-204C | Weather: Partly cloudy, 77°F, WSW wind at 5-10 mph, 30.1" Hg

Date: 8/22/2025 | Personnel: O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 8.25 | Casing Diameter (in): 2 | Ground surface elevation (ft. MSL): 819.08

Top of screen (ft. MSL): 780.89 | Materials: PVC | Top of Casing elevation (ft. MSL): 821.64

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	5.65	N/A	N/A
Water elevation (ft. MSL):	815.99	N/A	N/A

3 Well Volumes (gal): 22.05 | Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC):	50.75	N/A	N/A

Well conditions commentary: See Well Maintenance Evaluation Form for Details

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

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: Water level monitoring location only.

Site Name: Cedar Rapids Linn County Solid Waste Agency Site 2 | Permit No.: 57-SDP-01-72P

Well/Piezometer: MW-211A | Weather: Partly cloudy, 77°F, WSW wind at 5-10 mph, 30.1" Hg

Date: 8/22/2025 | Personnel: O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 8.25 | Casing Diameter (in): 2 | Ground surface elevation (ft. MSL): 854.09

Top of screen (ft. MSL): 848.38 | Materials: PVC | Top of Casing elevation (ft. MSL): 856.50

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	11.21	N/A	N/A
Water elevation (ft. MSL):	845.29	N/A	N/A

3 Well Volumes (gal): 3.38 | Screen submerged? (Y/N): No

	Constructed	Measured	Difference
Well Depth (ft. TOC):	18.12	N/A	N/A

Well conditions commentary: See Well Maintenance Evaluation Form for Details

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

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: Water level monitoring location only.

Site Name: Cedar Rapids Linn County Solid Waste Agency Site 2 | Permit No.: 57-SDP-01-72P

Well/Piezometer: MW-211D | Weather: Partly cloudy, 77°F, WSW wind at 5-10 mph, 30.1" Hg

Date: 8/22/2025 | Personnel: O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 8.25 | Casing Diameter (in): 2 | Ground surface elevation (ft. MSL): 854.46

Top of screen (ft. MSL): 752.04 | Materials: PVC | Top of Casing elevation (ft. MSL): 857.04

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	40.78	N/A	N/A
Water elevation (ft. MSL):	816.26	N/A	N/A

3 Well Volumes (gal): 36.29 | Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC):	115.00	N/A	N/A

Well conditions commentary: See Well Maintenance Evaluation Form for Details

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

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: Water level monitoring location only.

Site Name: Cedar Rapids Linn County Solid Waste Agency Site 2 | Permit No.: 57-SDP-01-72P

Well/Piezometer: MW-213A | Weather: Partly Cloudy, 70°F, NNW winds at 15-25 mph, 30.1" Hg

Date: 8/25/2025 | Personnel: O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 8.25 | Casing Diameter (in): 2 | Ground surface elevation (ft. MSL): 818.07

Top of screen (ft. MSL): 813.62 | Materials: PVC | Top of Casing elevation (ft. MSL): 820.34

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	3.76	4.47	5.46
Water elevation (ft. MSL):	816.58	815.87	814.88

3 Well Volumes (gal): 3.89 | Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC):	11.72	12.00	0.28

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:) 811.34 | Flow Rate (mL/min): 200 | Volume removed (gal): 2.0 | 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-213A_25_08	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	16:34	16:36	16:38
Temp (°C)	17.92	17.87	17.92
Sp. Cond (umhos/cm)	1009.5	1004.8	999.3
pH	6.65	6.66	6.66
DO (mg/l)	0.19	0.19	0.19
ORP (mV)	77.1	75.1	73.9
Turbidity (NTU)	4.97	3.88	2.59

Site Name:	Cedar Rapids Linn County Solid Waste Agency Site 2	Permit No.:	57-SDP-01-72P
Well/Piezometer:	MW-213A	Weather:	Partly Cloudy, 70°F, NNW winds at 15-25 mph, 30.1" Hg
Date:	8/25/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Comments:

Site Name: Cedar Rapids Linn County Solid Waste Agency Site 2 | Permit No.: 57-SDP-01-72P

Well/Piezometer: MW-213B | Weather: Partly Cloudy, 70°F, NNW wind at 15-25 mph, 30.1" Hg

Date: 8/25/2025 | Personnel: O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 8.25 | Casing Diameter (in): 2 | Ground surface elevation (ft. MSL): 817.85

Top of screen (ft. MSL): 794.75 | Materials: PVC | Top of Casing elevation (ft. MSL): 820.30

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	4.16	4.78	5.10
Water elevation (ft. MSL):	816.14	815.52	815.20

3 Well Volumes (gal): 12.90 | Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC):	30.55	30.80	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:) 792.30 | Flow Rate (mL/min): 225 | 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-213B_25_08	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	17:12	17:14	17:16
Temp (°C)	14.55	14.51	14.51
Sp. Cond (umhos/cm)	308.58	306.76	305.56
pH	7.39	7.27	7.26
DO (mg/l)	0.24	0.20	0.17
ORP (mV)	-17.7	-16.3	-16.0
Turbidity (NTU)	4.99	3.60	4.44

Site Name:	Cedar Rapids Linn County Solid Waste Agency Site 2	Permit No.:	57-SDP-01-72P
Well/Piezometer:	MW-213B	Weather:	Partly Cloudy, 70°F, NNW wind at 15-25 mph, 30.1" Hg
Date:	8/25/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Comments:

Site Name: Cedar Rapids Linn County Solid Waste Agency Site 2 | Permit No.: 57-SDP-01-72P

Well/Piezometer: MW-213D | Weather: Partly cloudy, 77°F, WSW wind at 5-10 mph, 30.1" Hg

Date: 8/22/2025 | Personnel: O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 8.25 | Casing Diameter (in): 2 | Ground surface elevation (ft. MSL): 817.86

Top of screen (ft. MSL): 765.58 | Materials: PVC | Top of Casing elevation (ft. MSL): 820.08

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	4.34	N/A	N/A
Water elevation (ft. MSL):	815.74	N/A	N/A

3 Well Volumes (gal): 29.42 | Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC):	64.50	N/A	N/A

Well conditions commentary: See Well Maintenance Evaluation Form for Details

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

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: Water level monitoring location only.

Site Name: Cedar Rapids Linn County Solid Waste Agency Site 2 | Permit No.: 57-SDP-01-72P

Well/Piezometer: MW-213E | Weather: Partly cloudy, 77°F, WSW wind at 5-10 mph, 30.1" Hg

Date: 8/22/2025 | Personnel: O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 4.25 | Casing Diameter (in): 2 | Ground surface elevation (ft. MSL): 817.81

Top of screen (ft. MSL): 749.22 | Materials: PVC | Top of Casing elevation (ft. MSL): 820.27

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	4.50	N/A	N/A
Water elevation (ft. MSL):	815.77	N/A	N/A

3 Well Volumes (gal): 37.43 | Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC):	81.05	N/A	N/A

Well conditions commentary: See Well Maintenance Evaluation Form for Details

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

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: Water level monitoring location only.

Site Name: Cedar Rapids Linn County Solid Waste Agency Site 2 | Permit No.: 57-SDP-01-72P

Well/Piezometer: MW-214 | Weather: Partly Cloudy, 69°F, NNW wind at 15-25 mph, 30.1" Hg

Date: 8/25/2025 | Personnel: O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 8.25 | Casing Diameter (in): 2 | Ground surface elevation (ft. MSL): 835.10

Top of screen (ft. MSL): 829.56 | Materials: PVC | Top of Casing elevation (ft. MSL): 837.29

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	8.50	11.10	11.15
Water elevation (ft. MSL):	828.79	826.19	826.14

3 Well Volumes (gal): 4.51 | Screen submerged? (Y/N): No

	Constructed	Measured	Difference
Well Depth (ft. TOC):	17.73	17.95	0.22

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:) 822.29 | Flow Rate (mL/min): 200 | 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-214_25_08	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	14:41	14:43	14:45
Temp (°C)	17.33	17.46	17.50
Sp. Cond (umhos/cm)	744.79	738.85	732.98
pH	6.97	6.95	6.94
DO (mg/l)	4.61	4.65	4.69
ORP (mV)	156.8	161.3	164.4
Turbidity (NTU)	0.00	0.00	0.00

Site Name:	Cedar Rapids Linn County Solid Waste Agency Site 2	Permit No.:	57-SDP-01-72P
Well/Piezometer:	MW-214	Weather:	Partly Cloudy, 69°F, NNW wind at 15-25 mph, 30.1" Hg
Date:	8/25/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Comments:

Site Name: Cedar Rapids Linn County Solid Waste Agency Site 2 | Permit No.: 57-SDP-01-72P

Well/Piezometer: MW-215 | Weather: Partly cloudy, 61°F, NNW wind at 15-25 mph, 30.1" Hg

Date: 8/25/2025 | Personnel: O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 8.25 | Casing Diameter (in): 2 | Ground surface elevation (ft. MSL): 819.57

Top of screen (ft. MSL): 813.40 | Materials: PVC | Top of Casing elevation (ft. MSL): 822.14

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	7.13	7.10	8.37
Water elevation (ft. MSL):	815.01	815.04	813.77

3 Well Volumes (gal): 5.68 | Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC):	18.74	18.75	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:) 806.14 | 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-215_25_08	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	15:25	15:27	15:29
Temp (°C)	15.89	15.69	15.94
Sp. Cond (umhos/cm)	529.47	530.20	530.07
pH	6.80	6.77	6.73
DO (mg/l)	4.15	4.15	4.13
ORP (mV)	251.6	255.1	258.4
Turbidity (NTU)	0.00	0.00	0.00

Site Name:	Cedar Rapids Linn County Solid Waste Agency Site 2	Permit No.:	57-SDP-01-72P
Well/Piezometer:	MW-215	Weather:	Partly cloudy, 61°F, NNW wind at 15-25 mph, 30.1" Hg
Date:	8/25/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Comments:

Site Name: Cedar Rapids Linn County Solid Waste Agency Site 2 | Permit No.: 57-SDP-01-72P

Well/Piezometer: MW-216 | Weather: Partly cloudy, 77°F, WSW wind at 5-10 mph, 30.1" Hg

Date: 8/22/2025 | Personnel: O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 8.25 | Casing Diameter (in): 2 | Ground surface elevation (ft. MSL): 845.50

Top of screen (ft. MSL): 832.53 | Materials: PVC | Top of Casing elevation (ft. MSL): 847.63

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	10.60	N/A	N/A
Water elevation (ft. MSL):	837.03	N/A	N/A

3 Well Volumes (gal): 7.09 | Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC):	25.10	N/A	N/A

Well conditions commentary: See Well Maintenance Evaluation Form for Details

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

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: Water level monitoring location only.

Site Name: Cedar Rapids Linn County Solid Waste Agency Site 2 | Permit No.: 57-SDP-01-72P

Well/Piezometer: MW-218 | Weather: Partly cloudy, 65°F, NW wind at 5-10 mph, 30.2" Hg

Date: 8/25/2025 | Personnel: O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 8.25 | Casing Diameter (in): 2 | Ground surface elevation (ft. MSL): 829.65

Top of screen (ft. MSL): 812.39 | Materials: PVC | Top of Casing elevation (ft. MSL): 832.96

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	20.33	20.61	20.65
Water elevation (ft. MSL):	812.63	812.35	812.31

3 Well Volumes (gal): 4.52 | Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC):	29.57	29.70	0.13

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:) 807.96 | Flow Rate (mL/min): 200 | Volume removed (gal): 2.1 | 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-218_25_08	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	11:24	11:26	11:28
Temp (°C)	13.68	13.68	13.70
Sp. Cond (umhos/cm)	700.9	699.7	700.6
pH	6.86	6.87	6.88
DO (mg/l)	1.29	1.31	1.36
ORP (mV)	216.2	214.9	213.9
Turbidity (NTU)	6.80	7.06	7.16

Site Name:	Cedar Rapids Linn County Solid Waste Agency Site 2	Permit No.:	57-SDP-01-72P
Well/Piezometer:	MW-218	Weather:	Partly cloudy, 65°F, NW wind at 5-10 mph, 30.2" Hg
Date:	8/25/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Comments:

Site Name: Cedar Rapids Linn County Solid Waste Agency Site 2 | Permit No.: 57-SDP-01-72P

Well/Piezometer: MW-300 | Weather: Partly cloudy, 70°F, S wind at 5-10 mph, 30.1" Hg

Date: 8/27/2025 | 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): 853.19

Top of screen (ft. MSL): 849.19 | Materials: PVC | Top of Casing elevation (ft. MSL): 855.57

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	6.20	6.59	7.56
Water elevation (ft. MSL):	849.37	848.98	848.01

3 Well Volumes (gal): 4.98 | Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC):	16.38	16.40	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:) 842.57 | 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-300_25_08	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	16:36	16:38	16:40
Temp (°C)	16.43	16.64	16.30
Sp. Cond (umhos/cm)	738.5	729.1	735.2
pH	6.48	6.48	6.51
DO (mg/l)	0.15	0.19	0.25
ORP (mV)	146.0	145.5	145.0
Turbidity (NTU)	3.43	2.70	3.97

Site Name:	Cedar Rapids Linn County Solid Waste Agency Site 2	Permit No.:	57-SDP-01-72P
Well/Piezometer:	MW-300	Weather:	Partly cloudy, 70°F, S wind at 5-10 mph, 30.1" Hg
Date:	8/27/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Comments: Collected field duplicate (FD-4_25_08) at MW-300.

Site Name: Cedar Rapids Linn County Solid Waste Agency Site 2 | Permit No.: 57-SDP-01-72P

Well/Piezometer: MW-301 | Weather: Partly cloudy, 70°F, SSE wind at 10-20 mph, 30.1" Hg

Date: 8/27/2025 | 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): 822.47

Top of screen (ft. MSL): 812.47 | Materials: PVC | Top of Casing elevation (ft. MSL): 824.10

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	10.64	11.42	12.68
Water elevation (ft. MSL):	813.46	812.68	811.42

3 Well Volumes (gal): 4.63 | Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC):	20.10	20.35	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:) 808.10 | Flow Rate (mL/min): 250 | Volume removed (gal): 1.9 | 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-301_25_08	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	15:17	15:19	15:21
Temp (°C)	14.21	14.09	14.11
Sp. Cond (umhos/cm)	1787.6	1811.7	1838.6
pH	6.80	6.81	6.82
DO (mg/l)	1.95	2.01	2.02
ORP (mV)	44.8	43.5	42.1
Turbidity (NTU)	3.45	2.95	2.55

Site Name:	Cedar Rapids Linn County Solid Waste Agency Site 2	Permit No.:	57-SDP-01-72P
Well/Piezometer:	MW-301	Weather:	Partly cloudy, 70°F, SSE wind at 10-20 mph, 30.1" Hg
Date:	8/27/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Comments:

Site Name:	Cedar Rapids Linn County Solid Waste Agency Site 2	Permit No.:	57-SDP-01-72P
Well/Piezometer:	MW-302R	Weather:	Partly cloudy, 64°F, SSW wind at 0-5 mph, 30.2" Hg
Date:	8/27/2025	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):	-
Top of screen (ft. MSL):	804.99	Materials:	PVC	Top of Casing elevation (ft. MSL):	823.05
Locked (Y/N):	Yes				

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	3.16	3.27	6.13
Water elevation (ft. MSL):	819.89	819.78	816.92

3 Well Volumes (gal): 12.18 Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC):	28.06	28.10	0.04

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:)	800.05	Flow Rate (mL/min):	150	Volume removed (gal):	0.8	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-302R_25_08	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	10:36	10:38	10:40
Temp (°C)	15.52	15.47	15.42
Sp. Cond (umhos/cm)	597.82	596.43	596.26
pH	7.61	7.62	7.63
DO (mg/l)	0.36	0.34	0.32
ORP (mV)	214.2	211.8	209.1
Turbidity (NTU)	10.8	10.7	9.9

Site Name:	Cedar Rapids Linn County Solid Waste Agency Site 2	Permit No.:	57-SDP-01-72P
Well/Piezometer:	MW-302R	Weather:	Partly cloudy, 64°F, SSW wind at 0-5 mph, 30.2" Hg
Date:	8/27/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Comments: Collected field blank (FB-2_25_08) at 10:30.

Site Name: Cedar Rapids Linn County Solid Waste Agency Site 2 | Permit No.: 57-SDP-01-72P

Well/Piezometer: MW-303 | Weather: Clear, 73°F, NW wind at 5-10 mph, 30.2" Hg

Date: 8/26/2025 | Personnel: O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 9 | Casing Diameter (in): 2 | Ground surface elevation (ft. MSL): -

Top of screen (ft. MSL): 817.91 | Materials: PVC | Top of Casing elevation (ft. MSL): 826.76

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	11.23	15.94	19.22
Water elevation (ft. MSL):	815.53	810.82	807.54

3 Well Volumes (gal): 4.70 | Screen submerged? (Y/N): No

	Constructed	Measured	Difference
Well Depth (ft. TOC):	20.85	21.00	0.15

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:) 806.76 | Flow Rate (mL/min): 150 | Volume removed (gal): 1.1 | Volume sampled (L): 2.49

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-303_25_08	USEPA 8260D - Appendix I VOCs	(3) VOA Vial 40 mL - HCl	No
		(3) VOA Vial 40 mL - Unpreserved	No
	USEPA 8081B - beta-BHC	(2) Amber Glass 250 mL - Unpreserved	No
	USEPA 8151A - 2,4,5-TP	(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	14:10	14:12	14:14
Temp (°C)	15.56	15.58	15.12
Sp. Cond (umhos/cm)	1487.0	1477.0	1475.0
pH	6.29	6.29	6.29
DO (mg/l)	0.42	0.43	0.44
ORP (mV)	185.8	183.2	181.7
Turbidity (NTU)	2.99	1.98	4.43

Site Name:	Cedar Rapids Linn County Solid Waste Agency Site 2	Permit No.:	57-SDP-01-72P
Well/Piezometer:	MW-303	Weather:	Clear, 73°F, NW wind at 5-10 mph, 30.2" Hg
Date:	8/26/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Comments: *Black suspended solids at purge start.

Collected field blank (FB-1_25_08) at 13:55.

Site Name: Cedar Rapids Linn County Solid Waste Agency Site 2 | Permit No.: 57-SDP-01-72P

Well/Piezometer: MW-304R | Weather: Partly cloudy, 74°F, NW wind at 5-10 mph, 30.2" Hg

Date: 8/26/2025 | Personnel: O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 9.5 | Casing Diameter (in): 2 | Ground surface elevation (ft. MSL): 831.59

Top of screen (ft. MSL): 814.59 | Materials: PVC | Top of Casing elevation (ft. MSL): 834.09

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	22.89	22.91	23.88
Water elevation (ft. MSL):	811.20	811.18	810.21

3 Well Volumes (gal): 3.28 | Screen submerged? (Y/N): No

	Constructed	Measured	Difference
Well Depth (ft. TOC):	29.59	29.80	0.21

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:) 808.09 | Flow Rate (mL/min): 150 | Volume removed (gal): 1.0 | Volume sampled (L): 1.49

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-304R_25_08	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	16:44	16:46	16:48
Temp (°C)	16.59	16.49	16.44
Sp. Cond (umhos/cm)	1705.0	1707.0	1701.0
pH	6.77	6.79	6.80
DO (mg/l)	0.50	0.45	0.39
ORP (mV)	51.0	48.4	46.0
Turbidity (NTU)	24.0	22.9	22.4

Site Name:	Cedar Rapids Linn County Solid Waste Agency Site 2	Permit No.:	57-SDP-01-72P
Well/Piezometer:	MW-304R	Weather:	Partly cloudy, 74°F, NW wind at 5-10 mph, 30.2" Hg
Date:	8/26/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Comments: *Slight reddish-orange turbidity at purge start.

Site Name: Cedar Rapids Linn County Solid Waste Agency Site 2 | Permit No.: 57-SDP-01-72P

Well/Piezometer: MW-305 | Weather: Partly cloudy, 73°F, NW wind at 5-10 mph, 30.2" Hg

Date: 8/26/2025 | 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): 823.77

Top of screen (ft. MSL): 809.77 | Materials: PVC | Top of Casing elevation (ft. MSL): 826.76

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	12.70	13.11	13.28
Water elevation (ft. MSL):	814.06	813.65	813.48

3 Well Volumes (gal): 9.43 | Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC):	31.99	32.25	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:) 799.76 | Flow Rate (mL/min): 100 | Volume removed (gal): 1.2 | Volume sampled (L): 1.49

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-305_25_08	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	14:58	15:01	15:04
Temp (°C)	19.06	18.24	18.98
Sp. Cond (umhos/cm)	1133.9	1141.9	1144.7
pH	6.79	6.81	6.80
DO (mg/l)	0.34	0.33	0.32
ORP (mV)	109.3	107.3	105.3
Turbidity (NTU)	160.00	158.00	165.00

Site Name:	Cedar Rapids Linn County Solid Waste Agency Site 2	Permit No.:	57-SDP-01-72P
Well/Piezometer:	MW-305	Weather:	Partly cloudy, 73°F, NW wind at 5-10 mph, 30.2" Hg
Date:	8/26/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Comments: *Reddish-orange turbidity at purge start. Slight suspended solids in sample.

Site Name: Cedar Rapids Linn County Solid Waste Agency Site 2 | Permit No.: 57-SDP-01-72P

Well/Piezometer: MW-306 | Weather: Cloudy, 64°F, SSW wind at 5-10 mph, 30.3" Hg

Date: 8/27/2025 | 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): 817.99

Top of screen (ft. MSL): 812.49 | Materials: PVC | Top of Casing elevation (ft. MSL): 821.40

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	9.76	10.27	10.64
Water elevation (ft. MSL):	811.64	811.13	810.76

3 Well Volumes (gal): 6.43 | Screen submerged? (Y/N): No

	Constructed	Measured	Difference
Well Depth (ft. TOC):	22.91	22.70	0.21

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:) 801.40 | Flow Rate (mL/min): 150 | Volume removed (gal): 1.8 | Volume sampled (L): 1.49

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-306_25_08	USEPA 8260D - Benzene	(3) VOA Vial 40 mL - HCl	No
		(3) VOA Vial 40 mL - Unpreserved	No
	USEPA 6020B - Cobalt	(1) Plastic 250 mL - HNO_3	No
	USGS I-3765-85 - TSS	(1) Plastic 1 Liter - Unpreserved	No

Field Analysis

			Final Reading
Time	11:07	11:09	11:11
Temp (°C)	14.10	14.25	14.27
Sp. Cond (umhos/cm)	1999.0	1997.0	1994.0
pH	6.90	6.90	6.91
DO (mg/l)	0.23	0.22	0.23
ORP (mV)	54.2	51.4	49.1
Turbidity (NTU)	48.1	41.6	43.6

Site Name:	Cedar Rapids Linn County Solid Waste Agency Site 2	Permit No.:	57-SDP-01-72P
Well/Piezometer:	MW-306	Weather:	Cloudy, 64°F, SSW wind at 5-10 mph, 30.3" Hg
Date:	8/27/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Comments: *Reddish-orange turbidity at purge start. Slight color in sample.

Site Name: Cedar Rapids Linn County Solid Waste Agency Site 2 | Permit No.: 57-SDP-01-72P

Well/Piezometer: MW-307A | Weather: Cloudy, 64°F, SSW wind at 5-10 mph, 30.2" Hg

Date: 8/27/2025 | 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): 817.78

Top of screen (ft. MSL): 811.78 | Materials: PVC | Top of Casing elevation (ft. MSL): 822.41

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	9.50	9.90	10.22
Water elevation (ft. MSL):	812.91	812.51	812.19

3 Well Volumes (gal): 5.44 | Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC):	20.63	20.60	0.03

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:) 804.91 | Flow Rate (mL/min): 150 | Volume removed (gal): 2.1 | Volume sampled (L): 1.49

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-307A_25_08	USEPA 8260D - Benzene	(3) VOA Vial 40 mL - HCl	No
		(3) VOA Vial 40 mL - Unpreserved	No
	USEPA 6020B - Cobalt	(1) Plastic 250 mL - HNO_3	No
	USGS I-3765-85 - TSS	(1) Plastic 1 Liter - Unpreserved	No

Field Analysis

			Final Reading
Time	12:21	12:23	12:25
Temp (°C)	13.25	13.27	13.23
Sp. Cond (umhos/cm)	1674.0	1663.0	1657.0
pH	6.68	6.69	6.70
DO (mg/l)	0.14	0.14	0.15
ORP (mV)	4.3	2.2	-0.6
Turbidity (NTU)	6.3	9.3	10.1

Site Name:	Cedar Rapids Linn County Solid Waste Agency Site 2	Permit No.:	57-SDP-01-72P
Well/Piezometer:	MW-307A	Weather:	Cloudy, 64°F, SSW wind at 5-10 mph, 30.2" Hg
Date:	8/27/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Comments: *Red/orange turbidity at start

Site Name: Cedar Rapids Linn County Solid Waste Agency Site 2 | Permit No.: 57-SDP-01-72P

Well/Piezometer: MW-307B | Weather: Partly cloudy, 77°F, WSW wind at 5-10 mph, 30.1" Hg

Date: 8/22/2025 | Personnel: O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 8.25 | Casing Diameter (in): 2 | Ground surface elevation (ft. MSL): 817.55

Top of screen (ft. MSL): 798.05 | Materials: PVC | Top of Casing elevation (ft. MSL): 822.38

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	8.07	N/A	N/A
Water elevation (ft. MSL):	814.31	N/A	N/A

3 Well Volumes (gal): 10.40 | Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC):	29.33	N/A	N/A

Well conditions commentary: See Well Maintenance Evaluation Form for Details

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

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: Water level monitoring location only.

Site Name: Cedar Rapids Linn County Solid Waste Agency Site 2 | Permit No.: 57-SDP-01-72P

Well/Piezometer: MW-308 | Weather: Partly cloudy, 77°F, WSW wind at 5-10 mph, 30.1" Hg

Date: 8/22/2025 | Personnel: O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 8.25 | Casing Diameter (in): 2 | Ground surface elevation (ft. MSL): 816.99

Top of screen (ft. MSL): 806.99 | Materials: PVC | Top of Casing elevation (ft. MSL): 819.48

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	7.51	N/A	N/A
Water elevation (ft. MSL):	811.97	N/A	N/A

3 Well Volumes (gal): 9.77 | Screen submerged? (Y/N): Yes

	Constructed	Measured	Difference
Well Depth (ft. TOC):	27.49	N/A	N/A

Well conditions commentary: See Well Maintenance Evaluation Form for Details

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

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: Water level monitoring location only.

Site Name: Cedar Rapids Linn County Solid Waste Agency Site 2 | Permit No.: 57-SDP-01-72P

Well/Piezometer: MW-501 | Weather: Partly Cloudy, 71°F, NW wind at 5-10 mph, 30.2" Hg

Date: 8/26/2025 | Personnel: O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 8.25 | Casing Diameter (in): 2 | Ground surface elevation (ft. MSL): 827.95

Top of screen (ft. MSL): 818.95 | Materials: PVC | Top of Casing elevation (ft. MSL): 830.87

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	14.15	14.80	15.51
Water elevation (ft. MSL):	816.72	816.07	815.36

3 Well Volumes (gal): 10.65 | Screen submerged? (Y/N): No

	Constructed	Measured	Difference
Well Depth (ft. TOC):	35.92	33.50	2.42

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:) 799.87 | Flow Rate (mL/min): 150 | 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-501_25_08	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	13:29	13:31	13:33
Temp (°C)	17.37	16.67	16.48
Sp. Cond (umhos/cm)	1138.4	1139.6	1135.5
pH	6.18	6.19	6.19
DO (mg/l)	1.09	1.04	0.99
ORP (mV)	218.7	218.9	219.0
Turbidity (NTU)	11.1	11.0	10.5

Site Name:	Cedar Rapids Linn County Solid Waste Agency Site 2	Permit No.:	57-SDP-01-72P
Well/Piezometer:	MW-501	Weather:	Partly Cloudy, 71°F, NW wind at 5-10 mph, 30.2" Hg
Date:	8/26/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Comments: Collected field duplicate (FD-1_25_08) at MW-501.

Site Name: Cedar Rapids Linn County Solid Waste Agency Site 2 | Permit No.: 57-SDP-01-72P

Well/Piezometer: MW-502 | Weather: Partly Cloudy, 69°F, NW wind at 15-25 mph, 30.1" Hg

Date: 8/25/2025 | Personnel: O.A. Technical Services: Tyler Merritt & Curtis Schwartz

Monitoring Well Details

Borehole diameter (in): 8.25 | Casing Diameter (in): 2 | Ground surface elevation (ft. MSL): 839.07

Top of screen (ft. MSL): 817.07 | Materials: PVC | Top of Casing elevation (ft. MSL): 842.85

Locked (Y/N): Yes

	Static WL	Before purging	Before sampling
Water Level (ft. TOC):	31.85	31.93	33.56
Water elevation (ft. MSL):	811.00	810.92	N/A

3 Well Volumes (gal): 1.92 | Screen submerged? (Y/N): No

	Constructed	Measured	Difference
Well Depth (ft. TOC):	35.78	36.10	0.32

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: QED Bladder | Dedicated? (Y/N): No | Disposable? (Y/N): No

Decontamination method: Disposable tubing/bladder; Alconox/DI rinse on pump

Equipment depth (ft. MSL:) 807.85 | Flow Rate (mL/min): 100 | Volume removed (gal): 1.1 | 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-502_25_08	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	13:18	13:23	13:28
Temp (°C)	16.42	16.45	15.86
Sp. Cond (umhos/cm)	823.87	812.52	806.06
pH	6.80	6.82	6.89
DO (mg/l)	3.13	3.03	2.90
ORP (mV)	232.5	234.0	235.4
Turbidity (NTU)	4.25	1.85	0.76

Site Name:	Cedar Rapids Linn County Solid Waste Agency Site 2	Permit No.:	57-SDP-01-72P
Well/Piezometer:	MW-502	Weather:	Partly Cloudy, 69°F, NW wind at 15-25 mph, 30.1" Hg
Date:	8/25/2025	Personnel:	O.A. Technical Services: Tyler Merritt & Curtis Schwartz

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 9/10/2025 8:54:17 AM

JOB DESCRIPTION

CRLCSWA Site 2 GW - Spring 2025
25C051_25_08

JOB NUMBER

310-314248-1

Eurofins Cedar Falls
3019 Venture Way
Cedar Falls IA 50613

See page two for job notes and contact information.

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Job Notes

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Authorized for release by
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Table of Contents

Job Narrative
310-314248-1

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 8/27/2025 4:30 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 4 coolers at receipt time were 0.1°C, 0.8°C, 1.5°C and 1.9°C.

GC/MS VOA
Method 8260D: The continuing calibration verification (CCV) associated with batch 310-465030 recovered outside of the control limits for Bromomethane (-43.9%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 310-465030/6).

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

Herbicides
Method 8151A: Surrogate recovery for the following sample was outside the upper control limit: MW-9AR_25_08 (310-314248-5). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Method 8151A: The laboratory control sample duplicate (LCSD) for preparation batch 500-832144 and analytical batch 500-832271 recovered outside control limits for the following analytes: Silvex (2,4,5-TP). These analytes were biased high in the LCSD and were not detected in the associated samples; 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.

Pesticides
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
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-314248-1
SDG: 25C051_25_08

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
310-314248-1	GU-1_25_08	Water	08/25/25 16:30	08/27/25 16:30	Iowa
310-314248-2	GU-L_25_08	Water	08/25/25 16:05	08/27/25 16:30	Iowa
310-314248-3	GU-O_25_08	Water	08/25/25 17:40	08/27/25 16:30	Iowa
310-314248-4	GU-P_25_08	Water	08/25/25 17:15	08/27/25 16:30	Iowa
310-314248-5	MW-9AR_25_08	Water	08/25/25 15:25	08/27/25 16:30	Iowa
310-314248-6	MW-24_25_08	Water	08/26/25 15:50	08/27/25 16:30	Iowa
310-314248-7	MW-26A_25_08	Water	08/26/25 15:10	08/27/25 16:30	Iowa
310-314248-8	MW-201B_25_08	Water	08/25/25 11:40	08/27/25 16:30	Iowa
310-314248-9	MW-303_25_08	Water	08/26/25 14:15	08/27/25 16:30	Iowa
310-314248-10	MW-304R_25_08	Water	08/26/25 16:50	08/27/25 16:30	Iowa
310-314248-11	MW-305_25_08	Water	08/26/25 15:05	08/27/25 16:30	Iowa
310-314248-12	MW-501_25_08	Water	08/26/25 13:35	08/27/25 16:30	Iowa
310-314248-13	MW-502_25_08	Water	08/25/25 13:30	08/27/25 16:30	Iowa
310-314248-14	FD-1_25_08	Water	08/26/25 00:00	08/27/25 16:30	Iowa
310-314248-15	FD-2_25_08	Water	08/26/25 00:00	08/27/25 16:30	Iowa
310-314248-16	FB-1_25_08	Water	08/26/25 13:55	08/27/25 16:30	Iowa
310-314248-17	TB-1_25_08	Water	08/26/25 00:00	08/27/25 16:30	Iowa
310-314248-18	MW-204A_25_08	Water	08/25/25 13:25	08/27/25 16:30	Iowa
310-314248-19	MW-204B_25_08	Water	08/25/25 14:00	08/27/25 16:30	Iowa
310-314248-20	MW-213A_25_08	Water	08/25/25 16:40	08/27/25 16:30	Iowa
310-314248-21	MW-213B_25_08	Water	08/25/25 17:20	08/27/25 16:30	Iowa
310-314248-22	MW-214_25_08	Water	08/25/25 14:50	08/27/25 16:30	Iowa
310-314248-23	MW-215_25_08	Water	08/25/25 15:30	08/27/25 16:30	Iowa
310-314248-24	MW-218_25_08	Water	08/25/25 11:30	08/27/25 16:30	Iowa

Detection Summary

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-314248-1
SDG: 25C051_25_08

Client Sample ID: GU-1_25_08 — Lab Sample ID: 310-314248-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.00132	J	0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.178		0.00200	0.000660	mg/L	1		6020B	Total/NA
Chromium	0.00206	J	0.00500	0.00180	mg/L	1		6020B	Total/NA
Cobalt	0.00321		0.000500	0.000170	mg/L	1		6020B	Total/NA
Nickel	0.0369		0.00500	0.00230	mg/L	1		6020B	Total/NA
Zinc	0.0138	J	0.0200	0.0130	mg/L	1		6020B	Total/NA
Total Suspended Solids	4.60		3.00	2.10	mg/L	1		I-3765-85	Total/NA

Client Sample ID: GU-L_25_08 — Lab Sample ID: 310-314248-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.000774	J	0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.0100		0.00200	0.000660	mg/L	1		6020B	Total/NA

Client Sample ID: GU-O_25_08 — Lab Sample ID: 310-314248-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.00138	J	0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.303		0.00200	0.000660	mg/L	1		6020B	Total/NA
Total Suspended Solids	28.5		7.50	5.25	mg/L	1		I-3765-85	Total/NA

Client Sample ID: GU-P_25_08 — Lab Sample ID: 310-314248-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.00199	J	0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.280		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.000378	J	0.000500	0.000170	mg/L	1		6020B	Total/NA
Total Suspended Solids	10.3		3.75	2.63	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-9AR_25_08 — Lab Sample ID: 310-314248-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.00170	J	0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.400		0.00200	0.000660	mg/L	1		6020B	Total/NA
Total Suspended Solids	22.5		7.50	5.25	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-24_25_08 — Lab Sample ID: 310-314248-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.000730	J	0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.0504		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.000332	J	0.000500	0.000170	mg/L	1		6020B	Total/NA
Nickel	0.0133		0.00500	0.00230	mg/L	1		6020B	Total/NA

Client Sample ID: MW-26A_25_08 — Lab Sample ID: 310-314248-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.0193		0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.764		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.0418		0.000500	0.000170	mg/L	1		6020B	Total/NA
Lead	0.000869		0.000500	0.000330	mg/L	1		6020B	Total/NA
Nickel	0.0348		0.00500	0.00230	mg/L	1		6020B	Total/NA
Total Suspended Solids	97.5		7.50	5.25	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: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-314248-1
SDG: 25C051_25_08

Client Sample ID: MW-201B_25_08 — Lab Sample ID: 310-314248-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.000628	J	0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.0955		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.000966		0.000500	0.000170	mg/L	1		6020B	Total/NA
Nickel	0.00253	J	0.00500	0.00230	mg/L	1		6020B	Total/NA
Total Suspended Solids	16.4		3.00	2.10	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-303_25_08 — Lab Sample ID: 310-314248-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.0209		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cadmium	0.00165		0.000200	0.000100	mg/L	1		6020B	Total/NA
Cobalt	0.00308		0.000500	0.000170	mg/L	1		6020B	Total/NA
Nickel	0.0814		0.00500	0.00230	mg/L	1		6020B	Total/NA
Total Suspended Solids	4.00		3.75	2.63	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-304R_25_08 — Lab Sample ID: 310-314248-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.000607	J	0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.0347		0.00200	0.000660	mg/L	1		6020B	Total/NA
Chromium	0.00672		0.00500	0.00180	mg/L	1		6020B	Total/NA
Cobalt	0.00446		0.000500	0.000170	mg/L	1		6020B	Total/NA
Nickel	0.00543		0.00500	0.00230	mg/L	1		6020B	Total/NA
Total Suspended Solids	17.3		5.00	3.50	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-305_25_08 — Lab Sample ID: 310-314248-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.00157	J	0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.0416		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.00138		0.000500	0.000170	mg/L	1		6020B	Total/NA
Nickel	0.00321	J	0.00500	0.00230	mg/L	1		6020B	Total/NA
Total Suspended Solids	39.3		5.00	3.50	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-501_25_08 — Lab Sample ID: 310-314248-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.0187		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cadmium	0.000161	J	0.000200	0.000100	mg/L	1		6020B	Total/NA
Cobalt	0.00724		0.000500	0.000170	mg/L	1		6020B	Total/NA
Nickel	0.0184		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-502_25_08 — Lab Sample ID: 310-314248-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.166		0.00200	0.000660	mg/L	1		6020B	Total/NA
Selenium	0.00178	J	0.00500	0.00140	mg/L	1		6020B	Total/NA
Total Suspended Solids	1.75	J	1.88	1.31	mg/L	1		I-3765-85	Total/NA

Client Sample ID: FD-1_25_08 — Lab Sample ID: 310-314248-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.0192		0.00200	0.000660	mg/L	1		6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: FD-1_25_08 (Continued) — Lab Sample ID: 310-314248-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cadmium	0.000144	J	0.000200	0.000100	mg/L	1		6020B	Total/NA
Cobalt	0.00721		0.000500	0.000170	mg/L	1		6020B	Total/NA
Nickel	0.0182		0.00500	0.00230	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: FD-2_25_08 — Lab Sample ID: 310-314248-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.000755	J	0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.0504		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.000324	J	0.000500	0.000170	mg/L	1		6020B	Total/NA
Nickel	0.0131		0.00500	0.00230	mg/L	1		6020B	Total/NA

Client Sample ID: FB-1_25_08 — Lab Sample ID: 310-314248-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.511	J	1.00	0.430	ug/L	1		8260D	Total/NA

Client Sample ID: TB-1_25_08 — Lab Sample ID: 310-314248-17

No Detections.

Client Sample ID: MW-204A_25_08 — Lab Sample ID: 310-314248-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.000674	J	0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.0470		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cadmium	0.000223		0.000200	0.000100	mg/L	1		6020B	Total/NA
Cobalt	0.00155		0.000500	0.000170	mg/L	1		6020B	Total/NA
Nickel	0.00578		0.00500	0.00230	mg/L	1		6020B	Total/NA
Vanadium	0.00683		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-204B_25_08 — Lab Sample ID: 310-314248-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.00102	J	0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.0213		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.0106		0.000500	0.000170	mg/L	1		6020B	Total/NA
Nickel	0.00723		0.00500	0.00230	mg/L	1		6020B	Total/NA
Total Suspended Solids	35.5		7.50	5.25	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-213A_25_08 — Lab Sample ID: 310-314248-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.00130	J	0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.0913		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.0102		0.000500	0.000170	mg/L	1		6020B	Total/NA
Nickel	0.00555		0.00500	0.00230	mg/L	1		6020B	Total/NA
Total Suspended Solids	2.25		1.88	1.31	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-213B_25_08 — Lab Sample ID: 310-314248-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.000663	J	0.00200	0.000530	mg/L	1		6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-213B_25_08 (Continued) — Lab Sample ID: 310-314248-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.0926		0.00200	0.000660	mg/L	1		6020B	Total/NA
Chromium	0.00963		0.00500	0.00180	mg/L	1		6020B	Total/NA
Cobalt	0.000211	J	0.000500	0.000170	mg/L	1		6020B	Total/NA
Nickel	0.00537		0.00500	0.00230	mg/L	1		6020B	Total/NA
Total Suspended Solids	5.88		1.88	1.31	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-214_25_08 — Lab Sample ID: 310-314248-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.0570		0.00200	0.000660	mg/L	1		6020B	Total/NA
Selenium	0.00358	J	0.00500	0.00140	mg/L	1		6020B	Total/NA
Silver	0.00140		0.00100	0.000500	mg/L	1		6020B	Total/NA

Client Sample ID: MW-215_25_08 — Lab Sample ID: 310-314248-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	0.00116	J	0.00200	0.00100	mg/L	1		6020B	Total/NA
Barium	0.178		0.00200	0.000660	mg/L	1		6020B	Total/NA
Tin	0.00333	J	0.00500	0.00250	mg/L	1		6020B	Total/NA

Client Sample ID: MW-218_25_08 — Lab Sample ID: 310-314248-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.000864	J	0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.200		0.00200	0.000660	mg/L	1		6020B	Total/NA
Selenium	0.00666		0.00500	0.00140	mg/L	1		6020B	Total/NA
Total Suspended Solids	2.88		1.88	1.31	mg/L	1		I-3765-85	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-314248-1
SDG: 25C051_25_08

Client Sample ID: GU-1_25_08
Date Collected: 08/25/25 16:30
Date Received: 08/27/25 16:30

Lab Sample ID: 310-314248-1
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			08/28/25 18:47	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			08/28/25 18:47	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			08/28/25 18:47	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			08/28/25 18:47	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			08/28/25 18:47	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			08/28/25 18:47	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			08/28/25 18:47	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			08/28/25 18:47	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			08/28/25 18:47	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			08/28/25 18:47	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			08/28/25 18:47	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			08/28/25 18:47	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			08/28/25 18:47	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			08/28/25 18:47	1
2-Hexanone	<2.00		10.0	2.00	ug/L			08/28/25 18:47	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			08/28/25 18:47	1
Acetone	<3.10		10.0	3.10	ug/L			08/28/25 18:47	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			08/28/25 18:47	1
Benzene	<0.220		0.500	0.220	ug/L			08/28/25 18:47	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			08/28/25 18:47	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			08/28/25 18:47	1
Bromoform	<0.780		5.00	0.780	ug/L			08/28/25 18:47	1
Bromomethane	<1.10		4.00	1.10	ug/L			08/28/25 18:47	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			08/28/25 18:47	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			08/28/25 18:47	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			08/28/25 18:47	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			08/28/25 18:47	1
Chloroethane	<0.790		4.00	0.790	ug/L			08/28/25 18:47	1
Chloroform	<1.30		3.00	1.30	ug/L			08/28/25 18:47	1
Chloromethane	<0.610		3.00	0.610	ug/L			08/28/25 18:47	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			08/28/25 18:47	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			08/28/25 18:47	1
Dibromomethane	<0.330		1.00	0.330	ug/L			08/28/25 18:47	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			08/28/25 18:47	1
Iodomethane	<7.00		10.0	7.00	ug/L			08/28/25 18:47	1
Methylene chloride	<1.70		5.00	1.70	ug/L			08/28/25 18:47	1
Styrene	<0.370		1.00	0.370	ug/L			08/28/25 18:47	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			08/28/25 18:47	1
Toluene	<0.430		1.00	0.430	ug/L			08/28/25 18:47	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			08/28/25 18:47	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			08/28/25 18:47	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			08/28/25 18:47	1
Trichloroethene	<0.430		1.00	0.430	ug/L			08/28/25 18:47	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			08/28/25 18:47	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			08/28/25 18:47	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			08/28/25 18:47	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			08/28/25 18:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*96*		*76 - 130*		*08/28/25 18:47*	*1*

Client Sample ID: GU-1_25_08
Date Collected: 08/25/25 16:30
Date Received: 08/27/25 16:30

Lab Sample ID: 310-314248-1
Matrix: Water

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*103*		*80 - 120*		*08/28/25 18:47*	*1*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*08/28/25 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		08/29/25 09:00	08/30/25 19:16	1
Arsenic	**0.00132**	**J**	0.00200	0.000530	mg/L		08/29/25 09:00	08/30/25 19:16	1
Barium	**0.178**		0.00200	0.000660	mg/L		08/29/25 09:00	08/30/25 19:16	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		08/29/25 09:00	08/30/25 19:16	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		08/29/25 09:00	08/30/25 19:16	1
Chromium	**0.00206**	**J**	0.00500	0.00180	mg/L		08/29/25 09:00	08/30/25 19:16	1
Cobalt	**0.00321**		0.000500	0.000170	mg/L		08/29/25 09:00	08/30/25 19:16	1
Copper	<0.00320		0.00500	0.00320	mg/L		08/29/25 09:00	08/30/25 19:16	1
Lead	<0.000330		0.000500	0.000330	mg/L		08/29/25 09:00	08/30/25 19:16	1
Nickel	**0.0369**		0.00500	0.00230	mg/L		08/29/25 09:00	08/30/25 19:16	1
Selenium	<0.00140		0.00500	0.00140	mg/L		08/29/25 09:00	08/30/25 19:16	1
Silver	<0.000500		0.00100	0.000500	mg/L		08/29/25 09:00	08/30/25 19:16	1
Thallium	<0.000570		0.00100	0.000570	mg/L		08/29/25 09:00	08/30/25 19:16	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		08/29/25 09:00	08/30/25 19:16	1
Zinc	**0.0138**	**J**	0.0200	0.0130	mg/L		08/29/25 09:00	08/30/25 19:16	1
Tin	<0.00250		0.00500	0.00250	mg/L		08/29/25 09:00	08/30/25 19:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**4.60**		3.00	2.10	mg/L			08/28/25 13:48	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-314248-1
SDG: 25C051_25_08

Client Sample ID: GU-L_25_08
Date Collected: 08/25/25 16:05
Date Received: 08/27/25 16:30

Lab Sample ID: 310-314248-2
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			08/28/25 19:09	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			08/28/25 19:09	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			08/28/25 19:09	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			08/28/25 19:09	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			08/28/25 19:09	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			08/28/25 19:09	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			08/28/25 19:09	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			08/28/25 19:09	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			08/28/25 19:09	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			08/28/25 19:09	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			08/28/25 19:09	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			08/28/25 19:09	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			08/28/25 19:09	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			08/28/25 19:09	1
2-Hexanone	<2.00		10.0	2.00	ug/L			08/28/25 19:09	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			08/28/25 19:09	1
Acetone	<3.10		10.0	3.10	ug/L			08/28/25 19:09	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			08/28/25 19:09	1
Benzene	<0.220		0.500	0.220	ug/L			08/28/25 19:09	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			08/28/25 19:09	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			08/28/25 19:09	1
Bromoform	<0.780		5.00	0.780	ug/L			08/28/25 19:09	1
Bromomethane	<1.10		4.00	1.10	ug/L			08/28/25 19:09	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			08/28/25 19:09	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			08/28/25 19:09	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			08/28/25 19:09	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			08/28/25 19:09	1
Chloroethane	<0.790		4.00	0.790	ug/L			08/28/25 19:09	1
Chloroform	<1.30		3.00	1.30	ug/L			08/28/25 19:09	1
Chloromethane	<0.610		3.00	0.610	ug/L			08/28/25 19:09	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			08/28/25 19:09	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			08/28/25 19:09	1
Dibromomethane	<0.330		1.00	0.330	ug/L			08/28/25 19:09	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			08/28/25 19:09	1
Iodomethane	<7.00		10.0	7.00	ug/L			08/28/25 19:09	1
Methylene chloride	<1.70		5.00	1.70	ug/L			08/28/25 19:09	1
Styrene	<0.370		1.00	0.370	ug/L			08/28/25 19:09	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			08/28/25 19:09	1
Toluene	<0.430		1.00	0.430	ug/L			08/28/25 19:09	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			08/28/25 19:09	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			08/28/25 19:09	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			08/28/25 19:09	1
Trichloroethene	<0.430		1.00	0.430	ug/L			08/28/25 19:09	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			08/28/25 19:09	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			08/28/25 19:09	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			08/28/25 19:09	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			08/28/25 19:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*97*		*76 - 130*		*08/28/25 19:09*	*1*

Client Sample ID: GU-L_25_08
Date Collected: 08/25/25 16:05
Date Received: 08/27/25 16:30

Lab Sample ID: 310-314248-2
Matrix: Water

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*102*		*80 - 120*		*08/28/25 19:09*	*1*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*		*08/28/25 19:09*	*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		08/29/25 09:00	08/30/25 19:27	1
Arsenic	**0.000774**	**J**	0.00200	0.000530	mg/L		08/29/25 09:00	08/30/25 19:27	1
Barium	**0.0100**		0.00200	0.000660	mg/L		08/29/25 09:00	08/30/25 19:27	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		08/29/25 09:00	08/30/25 19:27	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		08/29/25 09:00	08/30/25 19:27	1
Chromium	<0.00180		0.00500	0.00180	mg/L		08/29/25 09:00	08/30/25 19:27	1
Cobalt	<0.000170		0.000500	0.000170	mg/L		08/29/25 09:00	08/30/25 19:27	1
Copper	<0.00320		0.00500	0.00320	mg/L		08/29/25 09:00	08/30/25 19:27	1
Lead	<0.000330		0.000500	0.000330	mg/L		08/29/25 09:00	08/30/25 19:27	1
Nickel	<0.00230		0.00500	0.00230	mg/L		08/29/25 09:00	08/30/25 19:27	1
Selenium	<0.00140		0.00500	0.00140	mg/L		08/29/25 09:00	08/30/25 19:27	1
Silver	<0.000500		0.00100	0.000500	mg/L		08/29/25 09:00	08/30/25 19:27	1
Thallium	<0.000570		0.00100	0.000570	mg/L		08/29/25 09:00	08/30/25 19:27	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		08/29/25 09:00	08/30/25 19:27	1
Zinc	<0.0130		0.0200	0.0130	mg/L		08/29/25 09:00	08/30/25 19:27	1
Tin	<0.00250		0.00500	0.00250	mg/L		08/29/25 09:00	08/30/25 19:27	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			08/28/25 13:48	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-314248-1
SDG: 25C051_25_08

Client Sample ID: GU-O_25_08
Date Collected: 08/25/25 17:40
Date Received: 08/27/25 16:30

Lab Sample ID: 310-314248-3
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			08/28/25 19:31	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			08/28/25 19:31	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			08/28/25 19:31	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			08/28/25 19:31	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			08/28/25 19:31	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			08/28/25 19:31	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			08/28/25 19:31	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			08/28/25 19:31	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			08/28/25 19:31	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			08/28/25 19:31	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			08/28/25 19:31	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			08/28/25 19:31	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			08/28/25 19:31	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			08/28/25 19:31	1
2-Hexanone	<2.00		10.0	2.00	ug/L			08/28/25 19:31	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			08/28/25 19:31	1
Acetone	<3.10		10.0	3.10	ug/L			08/28/25 19:31	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			08/28/25 19:31	1
Benzene	<0.220		0.500	0.220	ug/L			08/28/25 19:31	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			08/28/25 19:31	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			08/28/25 19:31	1
Bromoform	<0.780		5.00	0.780	ug/L			08/28/25 19:31	1
Bromomethane	<1.10		4.00	1.10	ug/L			08/28/25 19:31	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			08/28/25 19:31	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			08/28/25 19:31	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			08/28/25 19:31	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			08/28/25 19:31	1
Chloroethane	<0.790		4.00	0.790	ug/L			08/28/25 19:31	1
Chloroform	<1.30		3.00	1.30	ug/L			08/28/25 19:31	1
Chloromethane	<0.610		3.00	0.610	ug/L			08/28/25 19:31	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			08/28/25 19:31	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			08/28/25 19:31	1
Dibromomethane	<0.330		1.00	0.330	ug/L			08/28/25 19:31	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			08/28/25 19:31	1
Iodomethane	<7.00		10.0	7.00	ug/L			08/28/25 19:31	1
Methylene chloride	<1.70		5.00	1.70	ug/L			08/28/25 19:31	1
Styrene	<0.370		1.00	0.370	ug/L			08/28/25 19:31	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			08/28/25 19:31	1
Toluene	<0.430		1.00	0.430	ug/L			08/28/25 19:31	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			08/28/25 19:31	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			08/28/25 19:31	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			08/28/25 19:31	1
Trichloroethene	<0.430		1.00	0.430	ug/L			08/28/25 19:31	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			08/28/25 19:31	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			08/28/25 19:31	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			08/28/25 19:31	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			08/28/25 19:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*101*		*76 - 130*		*08/28/25 19:31*	*1*

Client Sample ID: GU-O_25_08
Date Collected: 08/25/25 17:40
Date Received: 08/27/25 16:30

Lab Sample ID: 310-314248-3
Matrix: Water

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*102*		*80 - 120*		*08/28/25 19:31*	*1*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*		*08/28/25 19:31*	*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		08/29/25 09:00	08/30/25 19:35	1
Arsenic	**0.00138**	**J**	0.00200	0.000530	mg/L		08/29/25 09:00	08/30/25 19:35	1
Barium	**0.303**		0.00200	0.000660	mg/L		08/29/25 09:00	08/30/25 19:35	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		08/29/25 09:00	08/30/25 19:35	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		08/29/25 09:00	08/30/25 19:35	1
Chromium	<0.00180		0.00500	0.00180	mg/L		08/29/25 09:00	08/30/25 19:35	1
Cobalt	<0.000170		0.000500	0.000170	mg/L		08/29/25 09:00	08/30/25 19:35	1
Copper	<0.00320		0.00500	0.00320	mg/L		08/29/25 09:00	08/30/25 19:35	1
Lead	<0.000330		0.000500	0.000330	mg/L		08/29/25 09:00	08/30/25 19:35	1
Nickel	<0.00230		0.00500	0.00230	mg/L		08/29/25 09:00	08/30/25 19:35	1
Selenium	<0.00140		0.00500	0.00140	mg/L		08/29/25 09:00	08/30/25 19:35	1
Silver	<0.000500		0.00100	0.000500	mg/L		08/29/25 09:00	08/30/25 19:35	1
Thallium	<0.000570		0.00100	0.000570	mg/L		08/29/25 09:00	08/30/25 19:35	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		08/29/25 09:00	08/30/25 19:35	1
Zinc	<0.0130		0.0200	0.0130	mg/L		08/29/25 09:00	08/30/25 19:35	1
Tin	<0.00250		0.00500	0.00250	mg/L		08/29/25 09:00	08/30/25 19:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**28.5**		7.50	5.25	mg/L			08/28/25 13:48	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-314248-1
SDG: 25C051_25_08

Client Sample ID: GU-P_25_08
Date Collected: 08/25/25 17:15
Date Received: 08/27/25 16:30

Lab Sample ID: 310-314248-4
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			08/28/25 19:53	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			08/28/25 19:53	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			08/28/25 19:53	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			08/28/25 19:53	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			08/28/25 19:53	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			08/28/25 19:53	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			08/28/25 19:53	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			08/28/25 19:53	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			08/28/25 19:53	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			08/28/25 19:53	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			08/28/25 19:53	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			08/28/25 19:53	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			08/28/25 19:53	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			08/28/25 19:53	1
2-Hexanone	<2.00		10.0	2.00	ug/L			08/28/25 19:53	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			08/28/25 19:53	1
Acetone	<3.10		10.0	3.10	ug/L			08/28/25 19:53	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			08/28/25 19:53	1
Benzene	<0.220		0.500	0.220	ug/L			08/28/25 19:53	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			08/28/25 19:53	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			08/28/25 19:53	1
Bromoform	<0.780		5.00	0.780	ug/L			08/28/25 19:53	1
Bromomethane	<1.10		4.00	1.10	ug/L			08/28/25 19:53	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			08/28/25 19:53	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			08/28/25 19:53	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			08/28/25 19:53	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			08/28/25 19:53	1
Chloroethane	<0.790		4.00	0.790	ug/L			08/28/25 19:53	1
Chloroform	<1.30		3.00	1.30	ug/L			08/28/25 19:53	1
Chloromethane	<0.610		3.00	0.610	ug/L			08/28/25 19:53	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			08/28/25 19:53	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			08/28/25 19:53	1
Dibromomethane	<0.330		1.00	0.330	ug/L			08/28/25 19:53	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			08/28/25 19:53	1
Iodomethane	<7.00		10.0	7.00	ug/L			08/28/25 19:53	1
Methylene chloride	<1.70		5.00	1.70	ug/L			08/28/25 19:53	1
Styrene	<0.370		1.00	0.370	ug/L			08/28/25 19:53	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			08/28/25 19:53	1
Toluene	<0.430		1.00	0.430	ug/L			08/28/25 19:53	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			08/28/25 19:53	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			08/28/25 19:53	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			08/28/25 19:53	1
Trichloroethene	<0.430		1.00	0.430	ug/L			08/28/25 19:53	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			08/28/25 19:53	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			08/28/25 19:53	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			08/28/25 19:53	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			08/28/25 19:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*100*		*76 - 130*		*08/28/25 19:53*	*1*

Client Sample ID: GU-P_25_08
Date Collected: 08/25/25 17:15
Date Received: 08/27/25 16:30

Lab Sample ID: 310-314248-4
Matrix: Water

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*102*		*80 - 120*		*08/28/25 19:53*	*1*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*08/28/25 19:53*	*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		08/29/25 09:00	08/30/25 19:38	1
Arsenic	**0.00199**	**J**	0.00200	0.000530	mg/L		08/29/25 09:00	08/30/25 19:38	1
Barium	**0.280**		0.00200	0.000660	mg/L		08/29/25 09:00	08/30/25 19:38	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		08/29/25 09:00	08/30/25 19:38	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		08/29/25 09:00	08/30/25 19:38	1
Chromium	<0.00180		0.00500	0.00180	mg/L		08/29/25 09:00	08/30/25 19:38	1
Cobalt	**0.000378**	**J**	0.000500	0.000170	mg/L		08/29/25 09:00	08/30/25 19:38	1
Copper	<0.00320		0.00500	0.00320	mg/L		08/29/25 09:00	08/30/25 19:38	1
Lead	<0.000330		0.000500	0.000330	mg/L		08/29/25 09:00	08/30/25 19:38	1
Nickel	<0.00230		0.00500	0.00230	mg/L		08/29/25 09:00	08/30/25 19:38	1
Selenium	<0.00140		0.00500	0.00140	mg/L		08/29/25 09:00	08/30/25 19:38	1
Silver	<0.000500		0.00100	0.000500	mg/L		08/29/25 09:00	08/30/25 19:38	1
Thallium	<0.000570		0.00100	0.000570	mg/L		08/29/25 09:00	08/30/25 19:38	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		08/29/25 09:00	08/30/25 19:38	1
Zinc	<0.0130		0.0200	0.0130	mg/L		08/29/25 09:00	08/30/25 19:38	1
Tin	<0.00250		0.00500	0.00250	mg/L		08/29/25 09:00	08/30/25 19:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**10.3**		3.75	2.63	mg/L			08/28/25 13:48	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-314248-1
SDG: 25C051_25_08

Client Sample ID: MW-9AR_25_08
Date Collected: 08/25/25 15:25
Date Received: 08/27/25 16:30

Lab Sample ID: 310-314248-5
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			08/28/25 20:16	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			08/28/25 20:16	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			08/28/25 20:16	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			08/28/25 20:16	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			08/28/25 20:16	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			08/28/25 20:16	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			08/28/25 20:16	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			08/28/25 20:16	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			08/28/25 20:16	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			08/28/25 20:16	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			08/28/25 20:16	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			08/28/25 20:16	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			08/28/25 20:16	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			08/28/25 20:16	1
2-Hexanone	<2.00		10.0	2.00	ug/L			08/28/25 20:16	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			08/28/25 20:16	1
Acetone	<3.10		10.0	3.10	ug/L			08/28/25 20:16	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			08/28/25 20:16	1
Benzene	<0.220		0.500	0.220	ug/L			08/28/25 20:16	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			08/28/25 20:16	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			08/28/25 20:16	1
Bromoform	<0.780		5.00	0.780	ug/L			08/28/25 20:16	1
Bromomethane	<1.10		4.00	1.10	ug/L			08/28/25 20:16	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			08/28/25 20:16	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			08/28/25 20:16	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			08/28/25 20:16	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			08/28/25 20:16	1
Chloroethane	<0.790		4.00	0.790	ug/L			08/28/25 20:16	1
Chloroform	<1.30		3.00	1.30	ug/L			08/28/25 20:16	1
Chloromethane	<0.610		3.00	0.610	ug/L			08/28/25 20:16	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			08/28/25 20:16	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			08/28/25 20:16	1
Dibromomethane	<0.330		1.00	0.330	ug/L			08/28/25 20:16	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			08/28/25 20:16	1
Iodomethane	<7.00		10.0	7.00	ug/L			08/28/25 20:16	1
Methylene chloride	<1.70		5.00	1.70	ug/L			08/28/25 20:16	1
Styrene	<0.370		1.00	0.370	ug/L			08/28/25 20:16	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			08/28/25 20:16	1
Toluene	<0.430		1.00	0.430	ug/L			08/28/25 20:16	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			08/28/25 20:16	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			08/28/25 20:16	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			08/28/25 20:16	1
Trichloroethene	<0.430		1.00	0.430	ug/L			08/28/25 20:16	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			08/28/25 20:16	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			08/28/25 20:16	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			08/28/25 20:16	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			08/28/25 20:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*103*		*76 - 130*		*08/28/25 20:16*	*1*

Client Sample ID: MW-9AR_25_08

Date Collected: 08/25/25 15:25
Date Received: 08/27/25 16:30

Lab Sample ID: 310-314248-5

Matrix: Water

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*102*		*80 - 120*		*08/28/25 20:16*	*1*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*		*08/28/25 20:16*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
beta-BHC	<0.0409		0.0975	0.0409	ug/L		08/29/25 08:33	09/04/25 18:18	1
Heptachlor	<0.0224		0.0975	0.0224	ug/L		08/29/25 08:33	09/04/25 18:18	1
gamma-BHC (Lindane)	<0.00975		0.0975	0.00975	ug/L		08/29/25 08:33	09/04/25 18:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*75*		*10 - 150*	*08/29/25 08:33*	*09/04/25 18:18*	*1*
Tetrachloro-m-xylene	*70*		*17 - 150*	*08/29/25 08:33*	*09/04/25 18:18*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	<0.103		0.984	0.103	ug/L		08/29/25 13:49	09/02/25 13:10	1
2,4-D	<0.124		0.984	0.124	ug/L		08/29/25 13:49	09/02/25 13:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid (Surr)	*278*	*S1+*	*25 - 130*	*08/29/25 13:49*	*09/02/25 13:10*	*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		08/29/25 09:00	08/30/25 19:41	1
Arsenic	**0.00170**	**J**	0.00200	0.000530	mg/L		08/29/25 09:00	08/30/25 19:41	1
Barium	**0.400**		0.00200	0.000660	mg/L		08/29/25 09:00	08/30/25 19:41	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		08/29/25 09:00	08/30/25 19:41	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		08/29/25 09:00	08/30/25 19:41	1
Chromium	<0.00180		0.00500	0.00180	mg/L		08/29/25 09:00	08/30/25 19:41	1
Cobalt	<0.000170		0.000500	0.000170	mg/L		08/29/25 09:00	08/30/25 19:41	1
Copper	<0.00320		0.00500	0.00320	mg/L		08/29/25 09:00	08/30/25 19:41	1
Lead	<0.000330		0.000500	0.000330	mg/L		08/29/25 09:00	08/30/25 19:41	1
Nickel	<0.00230		0.00500	0.00230	mg/L		08/29/25 09:00	08/30/25 19:41	1
Selenium	<0.00140		0.00500	0.00140	mg/L		08/29/25 09:00	08/30/25 19:41	1
Silver	<0.000500		0.00100	0.000500	mg/L		08/29/25 09:00	08/30/25 19:41	1
Thallium	<0.000570		0.00100	0.000570	mg/L		08/29/25 09:00	08/30/25 19:41	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		08/29/25 09:00	08/30/25 19:41	1
Zinc	<0.0130		0.0200	0.0130	mg/L		08/29/25 09:00	08/30/25 19:41	1
Tin	<0.00250		0.00500	0.00250	mg/L		08/29/25 09:00	08/30/25 19:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**22.5**		7.50	5.25	mg/L			08/28/25 13:48	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-314248-1
SDG: 25C051_25_08

Client Sample ID: MW-24_25_08
Date Collected: 08/26/25 15:50
Date Received: 08/27/25 16:30

Lab Sample ID: 310-314248-6
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			08/28/25 20:38	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			08/28/25 20:38	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			08/28/25 20:38	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			08/28/25 20:38	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			08/28/25 20:38	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			08/28/25 20:38	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			08/28/25 20:38	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			08/28/25 20:38	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			08/28/25 20:38	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			08/28/25 20:38	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			08/28/25 20:38	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			08/28/25 20:38	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			08/28/25 20:38	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			08/28/25 20:38	1
2-Hexanone	<2.00		10.0	2.00	ug/L			08/28/25 20:38	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			08/28/25 20:38	1
Acetone	<3.10		10.0	3.10	ug/L			08/28/25 20:38	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			08/28/25 20:38	1
Benzene	<0.220		0.500	0.220	ug/L			08/28/25 20:38	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			08/28/25 20:38	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			08/28/25 20:38	1
Bromoform	<0.780		5.00	0.780	ug/L			08/28/25 20:38	1
Bromomethane	<1.10		4.00	1.10	ug/L			08/28/25 20:38	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			08/28/25 20:38	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			08/28/25 20:38	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			08/28/25 20:38	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			08/28/25 20:38	1
Chloroethane	<0.790		4.00	0.790	ug/L			08/28/25 20:38	1
Chloroform	<1.30		3.00	1.30	ug/L			08/28/25 20:38	1
Chloromethane	<0.610		3.00	0.610	ug/L			08/28/25 20:38	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			08/28/25 20:38	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			08/28/25 20:38	1
Dibromomethane	<0.330		1.00	0.330	ug/L			08/28/25 20:38	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			08/28/25 20:38	1
Iodomethane	<7.00		10.0	7.00	ug/L			08/28/25 20:38	1
Methylene chloride	<1.70		5.00	1.70	ug/L			08/28/25 20:38	1
Styrene	<0.370		1.00	0.370	ug/L			08/28/25 20:38	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			08/28/25 20:38	1
Toluene	<0.430		1.00	0.430	ug/L			08/28/25 20:38	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			08/28/25 20:38	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			08/28/25 20:38	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			08/28/25 20:38	1
Trichloroethene	<0.430		1.00	0.430	ug/L			08/28/25 20:38	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			08/28/25 20:38	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			08/28/25 20:38	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			08/28/25 20:38	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			08/28/25 20:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*101*		*76 - 130*		*08/28/25 20:38*	*1*

Client Sample ID: MW-24_25_08
Date Collected: 08/26/25 15:50
Date Received: 08/27/25 16:30

Lab Sample ID: 310-314248-6
Matrix: Water

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*101*		*80 - 120*		*08/28/25 20:38*	*1*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*		*08/28/25 20:38*	*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		08/29/25 09:00	08/30/25 19:49	1
Arsenic	**0.000730**	**J**	0.00200	0.000530	mg/L		08/29/25 09:00	08/30/25 19:49	1
Barium	**0.0504**		0.00200	0.000660	mg/L		08/29/25 09:00	08/30/25 19:49	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		08/29/25 09:00	08/30/25 19:49	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		08/29/25 09:00	08/30/25 19:49	1
Chromium	<0.00180		0.00500	0.00180	mg/L		08/29/25 09:00	08/30/25 19:49	1
Cobalt	**0.000332**	**J**	0.000500	0.000170	mg/L		08/29/25 09:00	08/30/25 19:49	1
Copper	<0.00320		0.00500	0.00320	mg/L		08/29/25 09:00	08/30/25 19:49	1
Lead	<0.000330		0.000500	0.000330	mg/L		08/29/25 09:00	08/30/25 19:49	1
Nickel	**0.0133**		0.00500	0.00230	mg/L		08/29/25 09:00	08/30/25 19:49	1
Selenium	<0.00140		0.00500	0.00140	mg/L		08/29/25 09:00	08/30/25 19:49	1
Silver	<0.000500		0.00100	0.000500	mg/L		08/29/25 09:00	08/30/25 19:49	1
Thallium	<0.000570		0.00100	0.000570	mg/L		08/29/25 09:00	08/30/25 19:49	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		08/29/25 09:00	08/30/25 19:49	1
Zinc	<0.0130		0.0200	0.0130	mg/L		08/29/25 09:00	08/30/25 19:49	1
Tin	<0.00250		0.00500	0.00250	mg/L		08/29/25 09:00	08/30/25 19:49	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			08/28/25 14:40	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-314248-1
SDG: 25C051_25_08

Client Sample ID: MW-26A_25_08
Date Collected: 08/26/25 15:10
Date Received: 08/27/25 16:30

Lab Sample ID: 310-314248-7
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			08/28/25 21:00	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			08/28/25 21:00	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			08/28/25 21:00	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			08/28/25 21:00	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			08/28/25 21:00	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			08/28/25 21:00	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			08/28/25 21:00	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			08/28/25 21:00	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			08/28/25 21:00	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			08/28/25 21:00	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			08/28/25 21:00	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			08/28/25 21:00	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			08/28/25 21:00	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			08/28/25 21:00	1
2-Hexanone	<2.00		10.0	2.00	ug/L			08/28/25 21:00	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			08/28/25 21:00	1
Acetone	<3.10		10.0	3.10	ug/L			08/28/25 21:00	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			08/28/25 21:00	1
Benzene	<0.220		0.500	0.220	ug/L			08/28/25 21:00	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			08/28/25 21:00	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			08/28/25 21:00	1
Bromoform	<0.780		5.00	0.780	ug/L			08/28/25 21:00	1
Bromomethane	<1.10		4.00	1.10	ug/L			08/28/25 21:00	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			08/28/25 21:00	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			08/28/25 21:00	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			08/28/25 21:00	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			08/28/25 21:00	1
Chloroethane	<0.790		4.00	0.790	ug/L			08/28/25 21:00	1
Chloroform	<1.30		3.00	1.30	ug/L			08/28/25 21:00	1
Chloromethane	<0.610		3.00	0.610	ug/L			08/28/25 21:00	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			08/28/25 21:00	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			08/28/25 21:00	1
Dibromomethane	<0.330		1.00	0.330	ug/L			08/28/25 21:00	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			08/28/25 21:00	1
Iodomethane	<7.00		10.0	7.00	ug/L			08/28/25 21:00	1
Methylene chloride	<1.70		5.00	1.70	ug/L			08/28/25 21:00	1
Styrene	<0.370		1.00	0.370	ug/L			08/28/25 21:00	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			08/28/25 21:00	1
Toluene	<0.430		1.00	0.430	ug/L			08/28/25 21:00	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			08/28/25 21:00	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			08/28/25 21:00	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			08/28/25 21:00	1
Trichloroethene	<0.430		1.00	0.430	ug/L			08/28/25 21:00	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			08/28/25 21:00	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			08/28/25 21:00	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			08/28/25 21:00	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			08/28/25 21:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*102*		*76 - 130*		*08/28/25 21:00*	*1*

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-314248-1
SDG: 25C051_25_08

Client Sample ID: MW-26A_25_08
Date Collected: 08/26/25 15:10
Date Received: 08/27/25 16:30

Lab Sample ID: 310-314248-7
Matrix: Water

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*100*		*80 - 120*		*08/28/25 21:00*	*1*
4-Bromofluorobenzene (Surr)	*106*		*80 - 120*		*08/28/25 21:00*	*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		08/29/25 09:00	08/30/25 19:52	1
Arsenic	**0.0193**		0.00200	0.000530	mg/L		08/29/25 09:00	08/30/25 19:52	1
Barium	**0.764**		0.00200	0.000660	mg/L		08/29/25 09:00	08/30/25 19:52	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		08/29/25 09:00	08/30/25 19:52	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		08/29/25 09:00	08/30/25 19:52	1
Chromium	<0.00180		0.00500	0.00180	mg/L		08/29/25 09:00	08/30/25 19:52	1
Cobalt	**0.0418**		0.000500	0.000170	mg/L		08/29/25 09:00	08/30/25 19:52	1
Copper	<0.00320		0.00500	0.00320	mg/L		08/29/25 09:00	08/30/25 19:52	1
Lead	**0.000869**		0.000500	0.000330	mg/L		08/29/25 09:00	08/30/25 19:52	1
Nickel	**0.0348**		0.00500	0.00230	mg/L		08/29/25 09:00	08/30/25 19:52	1
Selenium	<0.00140		0.00500	0.00140	mg/L		08/29/25 09:00	08/30/25 19:52	1
Silver	<0.000500		0.00100	0.000500	mg/L		08/29/25 09:00	08/30/25 19:52	1
Thallium	<0.000570		0.00100	0.000570	mg/L		08/29/25 09:00	08/30/25 19:52	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		08/29/25 09:00	08/30/25 19:52	1
Zinc	<0.0130		0.0200	0.0130	mg/L		08/29/25 09:00	08/30/25 19:52	1
Tin	<0.00250		0.00500	0.00250	mg/L		08/29/25 09:00	08/30/25 19:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**97.5**		7.50	5.25	mg/L			08/29/25 10:39	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-314248-1
SDG: 25C051_25_08

Client Sample ID: MW-201B_25_08
Date Collected: 08/25/25 11:40
Date Received: 08/27/25 16:30

Lab Sample ID: 310-314248-8
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			08/28/25 21:22	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			08/28/25 21:22	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			08/28/25 21:22	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			08/28/25 21:22	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			08/28/25 21:22	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			08/28/25 21:22	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			08/28/25 21:22	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			08/28/25 21:22	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			08/28/25 21:22	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			08/28/25 21:22	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			08/28/25 21:22	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			08/28/25 21:22	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			08/28/25 21:22	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			08/28/25 21:22	1
2-Hexanone	<2.00		10.0	2.00	ug/L			08/28/25 21:22	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			08/28/25 21:22	1
Acetone	<3.10		10.0	3.10	ug/L			08/28/25 21:22	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			08/28/25 21:22	1
Benzene	<0.220		0.500	0.220	ug/L			08/28/25 21:22	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			08/28/25 21:22	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			08/28/25 21:22	1
Bromoform	<0.780		5.00	0.780	ug/L			08/28/25 21:22	1
Bromomethane	<1.10		4.00	1.10	ug/L			08/28/25 21:22	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			08/28/25 21:22	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			08/28/25 21:22	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			08/28/25 21:22	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			08/28/25 21:22	1
Chloroethane	<0.790		4.00	0.790	ug/L			08/28/25 21:22	1
Chloroform	<1.30		3.00	1.30	ug/L			08/28/25 21:22	1
Chloromethane	<0.610		3.00	0.610	ug/L			08/28/25 21:22	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			08/28/25 21:22	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			08/28/25 21:22	1
Dibromomethane	<0.330		1.00	0.330	ug/L			08/28/25 21:22	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			08/28/25 21:22	1
Iodomethane	<7.00		10.0	7.00	ug/L			08/28/25 21:22	1
Methylene chloride	<1.70		5.00	1.70	ug/L			08/28/25 21:22	1
Styrene	<0.370		1.00	0.370	ug/L			08/28/25 21:22	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			08/28/25 21:22	1
Toluene	<0.430		1.00	0.430	ug/L			08/28/25 21:22	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			08/28/25 21:22	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			08/28/25 21:22	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			08/28/25 21:22	1
Trichloroethene	<0.430		1.00	0.430	ug/L			08/28/25 21:22	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			08/28/25 21:22	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			08/28/25 21:22	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			08/28/25 21:22	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			08/28/25 21:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*102*		*76 - 130*		*08/28/25 21:22*	*1*

Client Sample ID: MW-201B_25_08

Date Collected: 08/25/25 11:40
Date Received: 08/27/25 16:30

Lab Sample ID: 310-314248-8

Matrix: Water

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*104*		*80 - 120*		*08/28/25 21:22*	*1*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*		*08/28/25 21:22*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
beta-BHC	<0.0394		0.0938	0.0394	ug/L		08/29/25 08:40	09/04/25 18:31	1
Heptachlor	<0.0216		0.0938	0.0216	ug/L		08/29/25 08:40	09/04/25 18:31	1
gamma-BHC (Lindane)	<0.00938		0.0938	0.00938	ug/L		08/29/25 08:40	09/04/25 18:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	*100*		*10 - 150*	*08/29/25 08:40*	*09/04/25 18:31*	*1*
Tetrachloro-m-xylene	*108*		*17 - 150*	*08/29/25 08:40*	*09/04/25 18:31*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	<0.117		1.11	0.117	ug/L		08/29/25 13:49	09/02/25 13:28	1
2,4-D	<0.140		1.11	0.140	ug/L		08/29/25 13:49	09/02/25 13:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid (Surr)	*105*		*25 - 130*	*08/29/25 13:49*	*09/02/25 13:28*	*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		08/29/25 09:00	08/30/25 19:55	1
Arsenic	**0.000628**	**J**	0.00200	0.000530	mg/L		08/29/25 09:00	08/30/25 19:55	1
Barium	**0.0955**		0.00200	0.000660	mg/L		08/29/25 09:00	08/30/25 19:55	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		08/29/25 09:00	08/30/25 19:55	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		08/29/25 09:00	08/30/25 19:55	1
Chromium	<0.00180		0.00500	0.00180	mg/L		08/29/25 09:00	08/30/25 19:55	1
Cobalt	**0.000966**		0.000500	0.000170	mg/L		08/29/25 09:00	08/30/25 19:55	1
Copper	<0.00320		0.00500	0.00320	mg/L		08/29/25 09:00	08/30/25 19:55	1
Lead	<0.000330		0.000500	0.000330	mg/L		08/29/25 09:00	08/30/25 19:55	1
Nickel	**0.00253**	**J**	0.00500	0.00230	mg/L		08/29/25 09:00	08/30/25 19:55	1
Selenium	<0.00140		0.00500	0.00140	mg/L		08/29/25 09:00	08/30/25 19:55	1
Silver	<0.000500		0.00100	0.000500	mg/L		08/29/25 09:00	08/30/25 19:55	1
Thallium	<0.000570		0.00100	0.000570	mg/L		08/29/25 09:00	08/30/25 19:55	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		08/29/25 09:00	08/30/25 19:55	1
Zinc	<0.0130		0.0200	0.0130	mg/L		08/29/25 09:00	08/30/25 19:55	1
Tin	<0.00250		0.00500	0.00250	mg/L		08/29/25 09:00	08/30/25 19:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**16.4**		3.00	2.10	mg/L			08/28/25 13:48	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-314248-1
SDG: 25C051_25_08

Client Sample ID: MW-303_25_08
Date Collected: 08/26/25 14:15
Date Received: 08/27/25 16:30

Lab Sample ID: 310-314248-9
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			08/28/25 21:44	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			08/28/25 21:44	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			08/28/25 21:44	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			08/28/25 21:44	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			08/28/25 21:44	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			08/28/25 21:44	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			08/28/25 21:44	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			08/28/25 21:44	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			08/28/25 21:44	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			08/28/25 21:44	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			08/28/25 21:44	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			08/28/25 21:44	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			08/28/25 21:44	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			08/28/25 21:44	1
2-Hexanone	<2.00		10.0	2.00	ug/L			08/28/25 21:44	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			08/28/25 21:44	1
Acetone	<3.10		10.0	3.10	ug/L			08/28/25 21:44	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			08/28/25 21:44	1
Benzene	<0.220		0.500	0.220	ug/L			08/28/25 21:44	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			08/28/25 21:44	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			08/28/25 21:44	1
Bromoform	<0.780		5.00	0.780	ug/L			08/28/25 21:44	1
Bromomethane	<1.10		4.00	1.10	ug/L			08/28/25 21:44	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			08/28/25 21:44	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			08/28/25 21:44	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			08/28/25 21:44	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			08/28/25 21:44	1
Chloroethane	<0.790		4.00	0.790	ug/L			08/28/25 21:44	1
Chloroform	<1.30		3.00	1.30	ug/L			08/28/25 21:44	1
Chloromethane	<0.610		3.00	0.610	ug/L			08/28/25 21:44	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			08/28/25 21:44	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			08/28/25 21:44	1
Dibromomethane	<0.330		1.00	0.330	ug/L			08/28/25 21:44	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			08/28/25 21:44	1
Iodomethane	<7.00		10.0	7.00	ug/L			08/28/25 21:44	1
Methylene chloride	<1.70		5.00	1.70	ug/L			08/28/25 21:44	1
Styrene	<0.370		1.00	0.370	ug/L			08/28/25 21:44	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			08/28/25 21:44	1
Toluene	<0.430		1.00	0.430	ug/L			08/28/25 21:44	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			08/28/25 21:44	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			08/28/25 21:44	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			08/28/25 21:44	1
Trichloroethene	<0.430		1.00	0.430	ug/L			08/28/25 21:44	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			08/28/25 21:44	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			08/28/25 21:44	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			08/28/25 21:44	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			08/28/25 21:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*100*		*76 - 130*		*08/28/25 21:44*	*1*

Client Sample ID: MW-303_25_08

Date Collected: 08/26/25 14:15
Date Received: 08/27/25 16:30

Lab Sample ID: 310-314248-9

Matrix: Water

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*102*		*80 - 120*		*08/28/25 21:44*	*1*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*08/28/25 21:44*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor	<0.0213		0.0926	0.0213	ug/L		08/29/25 08:40	09/04/25 18:44	1
gamma-BHC (Lindane)	<0.00926		0.0926	0.00926	ug/L		08/29/25 08:40	09/04/25 18:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*88*		*10 - 150*	*08/29/25 08:40*	*09/04/25 18:44*	*1*
Tetrachloro-m-xylene	*95*		*17 - 150*	*08/29/25 08:40*	*09/04/25 18:44*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	<0.121		0.956	0.121	ug/L		09/02/25 07:26	09/02/25 19:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid (Surr)	*84*		*25 - 130*	*09/02/25 07:26*	*09/02/25 19:16*	*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		08/29/25 09:00	08/30/25 19:58	1
Arsenic	<0.000530		0.00200	0.000530	mg/L		08/29/25 09:00	08/30/25 19:58	1
Barium	**0.0209**		0.00200	0.000660	mg/L		08/29/25 09:00	08/30/25 19:58	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		08/29/25 09:00	08/30/25 19:58	1
Cadmium	**0.00165**		0.000200	0.000100	mg/L		08/29/25 09:00	08/30/25 19:58	1
Chromium	<0.00180		0.00500	0.00180	mg/L		08/29/25 09:00	08/30/25 19:58	1
Cobalt	**0.00308**		0.000500	0.000170	mg/L		08/29/25 09:00	08/30/25 19:58	1
Copper	<0.00320		0.00500	0.00320	mg/L		08/29/25 09:00	08/30/25 19:58	1
Lead	<0.000330		0.000500	0.000330	mg/L		08/29/25 09:00	08/30/25 19:58	1
Nickel	**0.0814**		0.00500	0.00230	mg/L		08/29/25 09:00	08/30/25 19:58	1
Selenium	<0.00140		0.00500	0.00140	mg/L		08/29/25 09:00	08/30/25 19:58	1
Silver	<0.000500		0.00100	0.000500	mg/L		08/29/25 09:00	08/30/25 19:58	1
Thallium	<0.000570		0.00100	0.000570	mg/L		08/29/25 09:00	08/30/25 19:58	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		08/29/25 09:00	08/30/25 19:58	1
Zinc	<0.0130		0.0200	0.0130	mg/L		08/29/25 09:00	08/30/25 19:58	1
Tin	<0.00250		0.00500	0.00250	mg/L		08/29/25 09:00	08/30/25 19:58	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**4.00**		3.75	2.63	mg/L			08/29/25 10:39	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-314248-1
SDG: 25C051_25_08

Client Sample ID: MW-304R_25_08
Date Collected: 08/26/25 16:50
Date Received: 08/27/25 16:30

Lab Sample ID: 310-314248-10
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			08/28/25 22:06	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			08/28/25 22:06	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			08/28/25 22:06	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			08/28/25 22:06	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			08/28/25 22:06	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			08/28/25 22:06	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			08/28/25 22:06	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			08/28/25 22:06	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			08/28/25 22:06	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			08/28/25 22:06	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			08/28/25 22:06	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			08/28/25 22:06	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			08/28/25 22:06	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			08/28/25 22:06	1
2-Hexanone	<2.00		10.0	2.00	ug/L			08/28/25 22:06	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			08/28/25 22:06	1
Acetone	<3.10		10.0	3.10	ug/L			08/28/25 22:06	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			08/28/25 22:06	1
Benzene	<0.220		0.500	0.220	ug/L			08/28/25 22:06	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			08/28/25 22:06	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			08/28/25 22:06	1
Bromoform	<0.780		5.00	0.780	ug/L			08/28/25 22:06	1
Bromomethane	<1.10		4.00	1.10	ug/L			08/28/25 22:06	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			08/28/25 22:06	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			08/28/25 22:06	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			08/28/25 22:06	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			08/28/25 22:06	1
Chloroethane	<0.790		4.00	0.790	ug/L			08/28/25 22:06	1
Chloroform	<1.30		3.00	1.30	ug/L			08/28/25 22:06	1
Chloromethane	<0.610		3.00	0.610	ug/L			08/28/25 22:06	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			08/28/25 22:06	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			08/28/25 22:06	1
Dibromomethane	<0.330		1.00	0.330	ug/L			08/28/25 22:06	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			08/28/25 22:06	1
Iodomethane	<7.00		10.0	7.00	ug/L			08/28/25 22:06	1
Methylene chloride	<1.70		5.00	1.70	ug/L			08/28/25 22:06	1
Styrene	<0.370		1.00	0.370	ug/L			08/28/25 22:06	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			08/28/25 22:06	1
Toluene	<0.430		1.00	0.430	ug/L			08/28/25 22:06	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			08/28/25 22:06	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			08/28/25 22:06	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			08/28/25 22:06	1
Trichloroethene	<0.430		1.00	0.430	ug/L			08/28/25 22:06	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			08/28/25 22:06	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			08/28/25 22:06	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			08/28/25 22:06	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			08/28/25 22:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*110*		*76 - 130*		*08/28/25 22:06*	*1*

Client Sample ID: MW-304R_25_08
Date Collected: 08/26/25 16:50
Date Received: 08/27/25 16:30

Lab Sample ID: 310-314248-10
Matrix: Water

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*102*		*80 - 120*		*08/28/25 22:06*	*1*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*		*08/28/25 22:06*	*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		08/29/25 09:00	08/30/25 20:01	1
Arsenic	**0.000607**	**J**	0.00200	0.000530	mg/L		08/29/25 09:00	08/30/25 20:01	1
Barium	**0.0347**		0.00200	0.000660	mg/L		08/29/25 09:00	08/30/25 20:01	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		08/29/25 09:00	08/30/25 20:01	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		08/29/25 09:00	08/30/25 20:01	1
Chromium	**0.00672**		0.00500	0.00180	mg/L		08/29/25 09:00	08/30/25 20:01	1
Cobalt	**0.00446**		0.000500	0.000170	mg/L		08/29/25 09:00	08/30/25 20:01	1
Copper	<0.00320		0.00500	0.00320	mg/L		08/29/25 09:00	08/30/25 20:01	1
Lead	<0.000330		0.000500	0.000330	mg/L		08/29/25 09:00	08/30/25 20:01	1
Nickel	**0.00543**		0.00500	0.00230	mg/L		08/29/25 09:00	08/30/25 20:01	1
Selenium	<0.00140		0.00500	0.00140	mg/L		08/29/25 09:00	08/30/25 20:01	1
Silver	<0.000500		0.00100	0.000500	mg/L		08/29/25 09:00	08/30/25 20:01	1
Thallium	<0.000570		0.00100	0.000570	mg/L		08/29/25 09:00	08/30/25 20:01	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		08/29/25 09:00	08/30/25 20:01	1
Zinc	<0.0130		0.0200	0.0130	mg/L		08/29/25 09:00	08/30/25 20:01	1
Tin	<0.00250		0.00500	0.00250	mg/L		08/29/25 09:00	08/30/25 20:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**17.3**		5.00	3.50	mg/L			08/29/25 10:39	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-314248-1
SDG: 25C051_25_08

Client Sample ID: MW-305_25_08
Date Collected: 08/26/25 15:05
Date Received: 08/27/25 16:30

Lab Sample ID: 310-314248-11
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			08/28/25 22:28	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			08/28/25 22:28	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			08/28/25 22:28	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			08/28/25 22:28	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			08/28/25 22:28	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			08/28/25 22:28	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			08/28/25 22:28	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			08/28/25 22:28	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			08/28/25 22:28	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			08/28/25 22:28	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			08/28/25 22:28	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			08/28/25 22:28	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			08/28/25 22:28	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			08/28/25 22:28	1
2-Hexanone	<2.00		10.0	2.00	ug/L			08/28/25 22:28	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			08/28/25 22:28	1
Acetone	<3.10		10.0	3.10	ug/L			08/28/25 22:28	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			08/28/25 22:28	1
Benzene	<0.220		0.500	0.220	ug/L			08/28/25 22:28	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			08/28/25 22:28	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			08/28/25 22:28	1
Bromoform	<0.780		5.00	0.780	ug/L			08/28/25 22:28	1
Bromomethane	<1.10		4.00	1.10	ug/L			08/28/25 22:28	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			08/28/25 22:28	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			08/28/25 22:28	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			08/28/25 22:28	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			08/28/25 22:28	1
Chloroethane	<0.790		4.00	0.790	ug/L			08/28/25 22:28	1
Chloroform	<1.30		3.00	1.30	ug/L			08/28/25 22:28	1
Chloromethane	<0.610		3.00	0.610	ug/L			08/28/25 22:28	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			08/28/25 22:28	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			08/28/25 22:28	1
Dibromomethane	<0.330		1.00	0.330	ug/L			08/28/25 22:28	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			08/28/25 22:28	1
Iodomethane	<7.00		10.0	7.00	ug/L			08/28/25 22:28	1
Methylene chloride	<1.70		5.00	1.70	ug/L			08/28/25 22:28	1
Styrene	<0.370		1.00	0.370	ug/L			08/28/25 22:28	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			08/28/25 22:28	1
Toluene	<0.430		1.00	0.430	ug/L			08/28/25 22:28	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			08/28/25 22:28	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			08/28/25 22:28	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			08/28/25 22:28	1
Trichloroethene	<0.430		1.00	0.430	ug/L			08/28/25 22:28	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			08/28/25 22:28	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			08/28/25 22:28	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			08/28/25 22:28	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			08/28/25 22:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*104*		*76 - 130*		*08/28/25 22:28*	*1*

Client Sample ID: MW-305_25_08
Date Collected: 08/26/25 15:05
Date Received: 08/27/25 16:30

Lab Sample ID: 310-314248-11
Matrix: Water

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*101*		*80 - 120*		*08/28/25 22:28*	*1*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*		*08/28/25 22:28*	*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		08/29/25 09:00	08/30/25 20:04	1
Arsenic	**0.00157**	**J**	0.00200	0.000530	mg/L		08/29/25 09:00	08/30/25 20:04	1
Barium	**0.0416**		0.00200	0.000660	mg/L		08/29/25 09:00	08/30/25 20:04	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		08/29/25 09:00	08/30/25 20:04	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		08/29/25 09:00	08/30/25 20:04	1
Chromium	<0.00180		0.00500	0.00180	mg/L		08/29/25 09:00	08/30/25 20:04	1
Cobalt	**0.00138**		0.000500	0.000170	mg/L		08/29/25 09:00	08/30/25 20:04	1
Copper	<0.00320		0.00500	0.00320	mg/L		08/29/25 09:00	08/30/25 20:04	1
Lead	<0.000330		0.000500	0.000330	mg/L		08/29/25 09:00	08/30/25 20:04	1
Nickel	**0.00321**	**J**	0.00500	0.00230	mg/L		08/29/25 09:00	08/30/25 20:04	1
Selenium	<0.00140		0.00500	0.00140	mg/L		08/29/25 09:00	08/30/25 20:04	1
Silver	<0.000500		0.00100	0.000500	mg/L		08/29/25 09:00	08/30/25 20:04	1
Thallium	<0.000570		0.00100	0.000570	mg/L		08/29/25 09:00	08/30/25 20:04	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		08/29/25 09:00	08/30/25 20:04	1
Zinc	<0.0130		0.0200	0.0130	mg/L		08/29/25 09:00	08/30/25 20:04	1
Tin	<0.00250		0.00500	0.00250	mg/L		08/29/25 09:00	08/30/25 20:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**39.3**		5.00	3.50	mg/L			08/29/25 10:39	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-314248-1
SDG: 25C051_25_08

Client Sample ID: MW-501_25_08
Date Collected: 08/26/25 13:35
Date Received: 08/27/25 16:30

Lab Sample ID: 310-314248-12
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			08/28/25 22:50	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			08/28/25 22:50	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			08/28/25 22:50	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			08/28/25 22:50	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			08/28/25 22:50	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			08/28/25 22:50	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			08/28/25 22:50	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			08/28/25 22:50	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			08/28/25 22:50	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			08/28/25 22:50	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			08/28/25 22:50	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			08/28/25 22:50	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			08/28/25 22:50	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			08/28/25 22:50	1
2-Hexanone	<2.00		10.0	2.00	ug/L			08/28/25 22:50	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			08/28/25 22:50	1
Acetone	<3.10		10.0	3.10	ug/L			08/28/25 22:50	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			08/28/25 22:50	1
Benzene	<0.220		0.500	0.220	ug/L			08/28/25 22:50	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			08/28/25 22:50	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			08/28/25 22:50	1
Bromoform	<0.780		5.00	0.780	ug/L			08/28/25 22:50	1
Bromomethane	<1.10		4.00	1.10	ug/L			08/28/25 22:50	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			08/28/25 22:50	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			08/28/25 22:50	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			08/28/25 22:50	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			08/28/25 22:50	1
Chloroethane	<0.790		4.00	0.790	ug/L			08/28/25 22:50	1
Chloroform	<1.30		3.00	1.30	ug/L			08/28/25 22:50	1
Chloromethane	<0.610		3.00	0.610	ug/L			08/28/25 22:50	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			08/28/25 22:50	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			08/28/25 22:50	1
Dibromomethane	<0.330		1.00	0.330	ug/L			08/28/25 22:50	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			08/28/25 22:50	1
Iodomethane	<7.00		10.0	7.00	ug/L			08/28/25 22:50	1
Methylene chloride	<1.70		5.00	1.70	ug/L			08/28/25 22:50	1
Styrene	<0.370		1.00	0.370	ug/L			08/28/25 22:50	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			08/28/25 22:50	1
Toluene	<0.430		1.00	0.430	ug/L			08/28/25 22:50	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			08/28/25 22:50	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			08/28/25 22:50	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			08/28/25 22:50	1
Trichloroethene	<0.430		1.00	0.430	ug/L			08/28/25 22:50	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			08/28/25 22:50	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			08/28/25 22:50	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			08/28/25 22:50	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			08/28/25 22:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*108*		*76 - 130*		*08/28/25 22:50*	*1*

Client Sample ID: MW-501_25_08
Date Collected: 08/26/25 13:35
Date Received: 08/27/25 16:30

Lab Sample ID: 310-314248-12
Matrix: Water

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*100*		*80 - 120*		*08/28/25 22:50*	*1*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*08/28/25 22:50*	*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		08/29/25 09:00	08/30/25 20:06	1
Arsenic	<0.000530		0.00200	0.000530	mg/L		08/29/25 09:00	08/30/25 20:06	1
Barium	**0.0187**		0.00200	0.000660	mg/L		08/29/25 09:00	08/30/25 20:06	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		08/29/25 09:00	08/30/25 20:06	1
Cadmium	**0.000161**	**J**	0.000200	0.000100	mg/L		08/29/25 09:00	08/30/25 20:06	1
Chromium	<0.00180		0.00500	0.00180	mg/L		08/29/25 09:00	08/30/25 20:06	1
Cobalt	**0.00724**		0.000500	0.000170	mg/L		08/29/25 09:00	08/30/25 20:06	1
Copper	<0.00320		0.00500	0.00320	mg/L		08/29/25 09:00	08/30/25 20:06	1
Lead	<0.000330		0.000500	0.000330	mg/L		08/29/25 09:00	08/30/25 20:06	1
Nickel	**0.0184**		0.00500	0.00230	mg/L		08/29/25 09:00	08/30/25 20:06	1
Selenium	<0.00140		0.00500	0.00140	mg/L		08/29/25 09:00	08/30/25 20:06	1
Silver	<0.000500		0.00100	0.000500	mg/L		08/29/25 09:00	08/30/25 20:06	1
Thallium	<0.000570		0.00100	0.000570	mg/L		08/29/25 09:00	08/30/25 20:06	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		08/29/25 09:00	08/30/25 20:06	1
Zinc	<0.0130		0.0200	0.0130	mg/L		08/29/25 09:00	08/30/25 20:06	1
Tin	<0.00250		0.00500	0.00250	mg/L		08/29/25 09:00	08/30/25 20:06	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			08/29/25 10:39	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-314248-1
SDG: 25C051_25_08

Client Sample ID: MW-502_25_08
Date Collected: 08/25/25 13:30
Date Received: 08/27/25 16:30

Lab Sample ID: 310-314248-13
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			08/28/25 23:12	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			08/28/25 23:12	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			08/28/25 23:12	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			08/28/25 23:12	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			08/28/25 23:12	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			08/28/25 23:12	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			08/28/25 23:12	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			08/28/25 23:12	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			08/28/25 23:12	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			08/28/25 23:12	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			08/28/25 23:12	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			08/28/25 23:12	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			08/28/25 23:12	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			08/28/25 23:12	1
2-Hexanone	<2.00		10.0	2.00	ug/L			08/28/25 23:12	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			08/28/25 23:12	1
Acetone	<3.10		10.0	3.10	ug/L			08/28/25 23:12	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			08/28/25 23:12	1
Benzene	<0.220		0.500	0.220	ug/L			08/28/25 23:12	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			08/28/25 23:12	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			08/28/25 23:12	1
Bromoform	<0.780		5.00	0.780	ug/L			08/28/25 23:12	1
Bromomethane	<1.10		4.00	1.10	ug/L			08/28/25 23:12	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			08/28/25 23:12	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			08/28/25 23:12	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			08/28/25 23:12	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			08/28/25 23:12	1
Chloroethane	<0.790		4.00	0.790	ug/L			08/28/25 23:12	1
Chloroform	<1.30		3.00	1.30	ug/L			08/28/25 23:12	1
Chloromethane	<0.610		3.00	0.610	ug/L			08/28/25 23:12	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			08/28/25 23:12	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			08/28/25 23:12	1
Dibromomethane	<0.330		1.00	0.330	ug/L			08/28/25 23:12	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			08/28/25 23:12	1
Iodomethane	<7.00		10.0	7.00	ug/L			08/28/25 23:12	1
Methylene chloride	<1.70		5.00	1.70	ug/L			08/28/25 23:12	1
Styrene	<0.370		1.00	0.370	ug/L			08/28/25 23:12	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			08/28/25 23:12	1
Toluene	<0.430		1.00	0.430	ug/L			08/28/25 23:12	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			08/28/25 23:12	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			08/28/25 23:12	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			08/28/25 23:12	1
Trichloroethene	<0.430		1.00	0.430	ug/L			08/28/25 23:12	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			08/28/25 23:12	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			08/28/25 23:12	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			08/28/25 23:12	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			08/28/25 23:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*111*		*76 - 130*		*08/28/25 23:12*	*1*

Client Sample ID: MW-502_25_08
Date Collected: 08/25/25 13:30
Date Received: 08/27/25 16:30

Lab Sample ID: 310-314248-13
Matrix: Water

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*98*		*80 - 120*		*08/28/25 23:12*	*1*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*		*08/28/25 23:12*	*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		08/29/25 09:00	08/30/25 20:12	1
Arsenic	<0.000530		0.00200	0.000530	mg/L		08/29/25 09:00	08/30/25 20:12	1
Barium	**0.166**		0.00200	0.000660	mg/L		08/29/25 09:00	08/30/25 20:12	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		08/29/25 09:00	08/30/25 20:12	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		08/29/25 09:00	08/30/25 20:12	1
Chromium	<0.00180		0.00500	0.00180	mg/L		08/29/25 09:00	08/30/25 20:12	1
Cobalt	<0.000170		0.000500	0.000170	mg/L		08/29/25 09:00	08/30/25 20:12	1
Copper	<0.00320		0.00500	0.00320	mg/L		08/29/25 09:00	08/30/25 20:12	1
Lead	<0.000330		0.000500	0.000330	mg/L		08/29/25 09:00	08/30/25 20:12	1
Nickel	<0.00230		0.00500	0.00230	mg/L		08/29/25 09:00	08/30/25 20:12	1
Selenium	**0.00178**	**J**	0.00500	0.00140	mg/L		08/29/25 09:00	08/30/25 20:12	1
Silver	<0.000500		0.00100	0.000500	mg/L		08/29/25 09:00	08/30/25 20:12	1
Thallium	<0.000570		0.00100	0.000570	mg/L		08/29/25 09:00	08/30/25 20:12	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		08/29/25 09:00	08/30/25 20:12	1
Zinc	<0.0130		0.0200	0.0130	mg/L		08/29/25 09:00	08/30/25 20:12	1
Tin	<0.00250		0.00500	0.00250	mg/L		08/29/25 09:00	08/30/25 20:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**1.75**	**J**	1.88	1.31	mg/L			08/28/25 13:48	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-314248-1
SDG: 25C051_25_08

Client Sample ID: FD-1_25_08
Date Collected: 08/26/25 00:00
Date Received: 08/27/25 16:30

Lab Sample ID: 310-314248-14
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			08/28/25 23:34	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			08/28/25 23:34	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			08/28/25 23:34	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			08/28/25 23:34	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			08/28/25 23:34	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			08/28/25 23:34	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			08/28/25 23:34	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			08/28/25 23:34	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			08/28/25 23:34	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			08/28/25 23:34	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			08/28/25 23:34	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			08/28/25 23:34	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			08/28/25 23:34	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			08/28/25 23:34	1
2-Hexanone	<2.00		10.0	2.00	ug/L			08/28/25 23:34	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			08/28/25 23:34	1
Acetone	<3.10		10.0	3.10	ug/L			08/28/25 23:34	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			08/28/25 23:34	1
Benzene	<0.220		0.500	0.220	ug/L			08/28/25 23:34	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			08/28/25 23:34	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			08/28/25 23:34	1
Bromoform	<0.780		5.00	0.780	ug/L			08/28/25 23:34	1
Bromomethane	<1.10		4.00	1.10	ug/L			08/28/25 23:34	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			08/28/25 23:34	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			08/28/25 23:34	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			08/28/25 23:34	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			08/28/25 23:34	1
Chloroethane	<0.790		4.00	0.790	ug/L			08/28/25 23:34	1
Chloroform	<1.30		3.00	1.30	ug/L			08/28/25 23:34	1
Chloromethane	<0.610		3.00	0.610	ug/L			08/28/25 23:34	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			08/28/25 23:34	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			08/28/25 23:34	1
Dibromomethane	<0.330		1.00	0.330	ug/L			08/28/25 23:34	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			08/28/25 23:34	1
Iodomethane	<7.00		10.0	7.00	ug/L			08/28/25 23:34	1
Methylene chloride	<1.70		5.00	1.70	ug/L			08/28/25 23:34	1
Styrene	<0.370		1.00	0.370	ug/L			08/28/25 23:34	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			08/28/25 23:34	1
Toluene	<0.430		1.00	0.430	ug/L			08/28/25 23:34	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			08/28/25 23:34	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			08/28/25 23:34	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			08/28/25 23:34	1
Trichloroethene	<0.430		1.00	0.430	ug/L			08/28/25 23:34	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			08/28/25 23:34	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			08/28/25 23:34	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			08/28/25 23:34	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			08/28/25 23:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*107*		*76 - 130*		*08/28/25 23:34*	*1*

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-314248-1
SDG: 25C051_25_08

Client Sample ID: FD-1_25_08
Date Collected: 08/26/25 00:00
Date Received: 08/27/25 16:30

Lab Sample ID: 310-314248-14
Matrix: Water

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*101*		*80 - 120*		*08/28/25 23:34*	*1*
4-Bromofluorobenzene (Surr)	*93*		*80 - 120*		*08/28/25 23:34*	*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		08/29/25 09:00	08/30/25 20:15	1
Arsenic	<0.000530		0.00200	0.000530	mg/L		08/29/25 09:00	08/30/25 20:15	1
Barium	**0.0192**		0.00200	0.000660	mg/L		08/29/25 09:00	08/30/25 20:15	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		08/29/25 09:00	08/30/25 20:15	1
Cadmium	**0.000144**	**J**	0.000200	0.000100	mg/L		08/29/25 09:00	08/30/25 20:15	1
Chromium	<0.00180		0.00500	0.00180	mg/L		08/29/25 09:00	08/30/25 20:15	1
Cobalt	**0.00721**		0.000500	0.000170	mg/L		08/29/25 09:00	08/30/25 20:15	1
Copper	<0.00320		0.00500	0.00320	mg/L		08/29/25 09:00	08/30/25 20:15	1
Lead	<0.000330		0.000500	0.000330	mg/L		08/29/25 09:00	08/30/25 20:15	1
Nickel	**0.0182**		0.00500	0.00230	mg/L		08/29/25 09:00	08/30/25 20:15	1
Selenium	<0.00140		0.00500	0.00140	mg/L		08/29/25 09:00	08/30/25 20:15	1
Silver	<0.000500		0.00100	0.000500	mg/L		08/29/25 09:00	08/30/25 20:15	1
Thallium	<0.000570		0.00100	0.000570	mg/L		08/29/25 09:00	08/30/25 20:15	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		08/29/25 09:00	08/30/25 20:15	1
Zinc	<0.0130		0.0200	0.0130	mg/L		08/29/25 09:00	08/30/25 20:15	1
Tin	<0.00250		0.00500	0.00250	mg/L		08/29/25 09:00	08/30/25 20:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**1.88**		1.88	1.31	mg/L			08/29/25 11:40	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-314248-1
SDG: 25C051_25_08

Client Sample ID: FD-2_25_08
Date Collected: 08/26/25 00:00
Date Received: 08/27/25 16:30

Lab Sample ID: 310-314248-15
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			08/28/25 23:56	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			08/28/25 23:56	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			08/28/25 23:56	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			08/28/25 23:56	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			08/28/25 23:56	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			08/28/25 23:56	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			08/28/25 23:56	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			08/28/25 23:56	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			08/28/25 23:56	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			08/28/25 23:56	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			08/28/25 23:56	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			08/28/25 23:56	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			08/28/25 23:56	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			08/28/25 23:56	1
2-Hexanone	<2.00		10.0	2.00	ug/L			08/28/25 23:56	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			08/28/25 23:56	1
Acetone	<3.10		10.0	3.10	ug/L			08/28/25 23:56	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			08/28/25 23:56	1
Benzene	<0.220		0.500	0.220	ug/L			08/28/25 23:56	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			08/28/25 23:56	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			08/28/25 23:56	1
Bromoform	<0.780		5.00	0.780	ug/L			08/28/25 23:56	1
Bromomethane	<1.10		4.00	1.10	ug/L			08/28/25 23:56	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			08/28/25 23:56	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			08/28/25 23:56	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			08/28/25 23:56	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			08/28/25 23:56	1
Chloroethane	<0.790		4.00	0.790	ug/L			08/28/25 23:56	1
Chloroform	<1.30		3.00	1.30	ug/L			08/28/25 23:56	1
Chloromethane	<0.610		3.00	0.610	ug/L			08/28/25 23:56	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			08/28/25 23:56	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			08/28/25 23:56	1
Dibromomethane	<0.330		1.00	0.330	ug/L			08/28/25 23:56	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			08/28/25 23:56	1
Iodomethane	<7.00		10.0	7.00	ug/L			08/28/25 23:56	1
Methylene chloride	<1.70		5.00	1.70	ug/L			08/28/25 23:56	1
Styrene	<0.370		1.00	0.370	ug/L			08/28/25 23:56	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			08/28/25 23:56	1
Toluene	<0.430		1.00	0.430	ug/L			08/28/25 23:56	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			08/28/25 23:56	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			08/28/25 23:56	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			08/28/25 23:56	1
Trichloroethene	<0.430		1.00	0.430	ug/L			08/28/25 23:56	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			08/28/25 23:56	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			08/28/25 23:56	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			08/28/25 23:56	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			08/28/25 23:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*109*		*76 - 130*		*08/28/25 23:56*	*1*

Client Sample ID: FD-2_25_08
Date Collected: 08/26/25 00:00
Date Received: 08/27/25 16:30

Lab Sample ID: 310-314248-15
Matrix: Water

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*99*		*80 - 120*		*08/28/25 23:56*	*1*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*		*08/28/25 23:56*	*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		08/29/25 09:00	08/30/25 20:24	1
Arsenic	**0.000755**	**J**	0.00200	0.000530	mg/L		08/29/25 09:00	08/30/25 20:24	1
Barium	**0.0504**		0.00200	0.000660	mg/L		08/29/25 09:00	08/30/25 20:24	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		08/29/25 09:00	08/30/25 20:24	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		08/29/25 09:00	08/30/25 20:24	1
Chromium	<0.00180		0.00500	0.00180	mg/L		08/29/25 09:00	08/30/25 20:24	1
Cobalt	**0.000324**	**J**	0.000500	0.000170	mg/L		08/29/25 09:00	08/30/25 20:24	1
Copper	<0.00320		0.00500	0.00320	mg/L		08/29/25 09:00	08/30/25 20:24	1
Lead	<0.000330		0.000500	0.000330	mg/L		08/29/25 09:00	08/30/25 20:24	1
Nickel	**0.0131**		0.00500	0.00230	mg/L		08/29/25 09:00	08/30/25 20:24	1
Selenium	<0.00140		0.00500	0.00140	mg/L		08/29/25 09:00	08/30/25 20:24	1
Silver	<0.000500		0.00100	0.000500	mg/L		08/29/25 09:00	08/30/25 20:24	1
Thallium	<0.000570		0.00100	0.000570	mg/L		08/29/25 09:00	08/30/25 20:24	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		08/29/25 09:00	08/30/25 20:24	1
Zinc	<0.0130		0.0200	0.0130	mg/L		08/29/25 09:00	08/30/25 20:24	1
Tin	<0.00250		0.00500	0.00250	mg/L		08/29/25 09:00	08/30/25 20:24	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			08/29/25 11:40	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-314248-1
SDG: 25C051_25_08

Client Sample ID: FB-1_25_08
Date Collected: 08/26/25 13:55
Date Received: 08/27/25 16:30

Lab Sample ID: 310-314248-16
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			08/28/25 16:57	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			08/28/25 16:57	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			08/28/25 16:57	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			08/28/25 16:57	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			08/28/25 16:57	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			08/28/25 16:57	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			08/28/25 16:57	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			08/28/25 16:57	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			08/28/25 16:57	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			08/28/25 16:57	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			08/28/25 16:57	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			08/28/25 16:57	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			08/28/25 16:57	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			08/28/25 16:57	1
2-Hexanone	<2.00		10.0	2.00	ug/L			08/28/25 16:57	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			08/28/25 16:57	1
Acetone	<3.10		10.0	3.10	ug/L			08/28/25 16:57	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			08/28/25 16:57	1
Benzene	<0.220		0.500	0.220	ug/L			08/28/25 16:57	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			08/28/25 16:57	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			08/28/25 16:57	1
Bromoform	<0.780		5.00	0.780	ug/L			08/28/25 16:57	1
Bromomethane	<1.10		4.00	1.10	ug/L			08/28/25 16:57	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			08/28/25 16:57	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			08/28/25 16:57	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			08/28/25 16:57	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			08/28/25 16:57	1
Chloroethane	<0.790		4.00	0.790	ug/L			08/28/25 16:57	1
Chloroform	<1.30		3.00	1.30	ug/L			08/28/25 16:57	1
Chloromethane	<0.610		3.00	0.610	ug/L			08/28/25 16:57	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			08/28/25 16:57	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			08/28/25 16:57	1
Dibromomethane	<0.330		1.00	0.330	ug/L			08/28/25 16:57	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			08/28/25 16:57	1
Iodomethane	<7.00		10.0	7.00	ug/L			08/28/25 16:57	1
Methylene chloride	<1.70		5.00	1.70	ug/L			08/28/25 16:57	1
Styrene	<0.370		1.00	0.370	ug/L			08/28/25 16:57	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			08/28/25 16:57	1
Toluene	**0.511**	**J**	1.00	0.430	ug/L			08/28/25 16:57	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			08/28/25 16:57	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			08/28/25 16:57	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			08/28/25 16:57	1
Trichloroethene	<0.430		1.00	0.430	ug/L			08/28/25 16:57	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			08/28/25 16:57	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			08/28/25 16:57	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			08/28/25 16:57	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			08/28/25 16:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*103*		*76 - 130*		*08/28/25 16:57*	*1*

Client Sample ID: FB-1_25_08

Date Collected: 08/26/25 13:55
Date Received: 08/27/25 16:30

Lab Sample ID: 310-314248-16

Matrix: Water

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*100*		*80 - 120*		*08/28/25 16:57*	*1*
4-Bromofluorobenzene (Surr)	*92*		*80 - 120*		*08/28/25 16:57*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
beta-BHC	<0.0394		0.0938	0.0394	ug/L		08/29/25 08:40	09/04/25 18:57	1
Heptachlor	<0.0216		0.0938	0.0216	ug/L		08/29/25 08:40	09/04/25 18:57	1
gamma-BHC (Lindane)	<0.00938		0.0938	0.00938	ug/L		08/29/25 08:40	09/04/25 18:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*69*		*10 - 150*	*08/29/25 08:40*	*09/04/25 18:57*	*1*
Tetrachloro-m-xylene	*79*		*17 - 150*	*08/29/25 08:40*	*09/04/25 18:57*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	<0.100	*+	0.957	0.100	ug/L		09/02/25 07:26	09/02/25 19:34	1
2,4-D	<0.121		0.957	0.121	ug/L		09/02/25 07:26	09/02/25 19:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid (Surr)	*76*		*25 - 130*	*09/02/25 07:26*	*09/02/25 19:34*	*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		08/29/25 09:00	08/30/25 20:26	1
Arsenic	<0.000530		0.00200	0.000530	mg/L		08/29/25 09:00	08/30/25 20:26	1
Barium	<0.000660		0.00200	0.000660	mg/L		08/29/25 09:00	08/30/25 20:26	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		08/29/25 09:00	08/30/25 20:26	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		08/29/25 09:00	08/30/25 20:26	1
Chromium	<0.00180		0.00500	0.00180	mg/L		08/29/25 09:00	08/30/25 20:26	1
Cobalt	<0.000170		0.000500	0.000170	mg/L		08/29/25 09:00	08/30/25 20:26	1
Copper	<0.00320		0.00500	0.00320	mg/L		08/29/25 09:00	08/30/25 20:26	1
Lead	<0.000330		0.000500	0.000330	mg/L		08/29/25 09:00	08/30/25 20:26	1
Nickel	<0.00230		0.00500	0.00230	mg/L		08/29/25 09:00	08/30/25 20:26	1
Selenium	<0.00140		0.00500	0.00140	mg/L		08/29/25 09:00	08/30/25 20:26	1
Silver	<0.000500		0.00100	0.000500	mg/L		08/29/25 09:00	08/30/25 20:26	1
Thallium	<0.000570		0.00100	0.000570	mg/L		08/29/25 09:00	08/30/25 20:26	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		08/29/25 09:00	08/30/25 20:26	1
Zinc	<0.0130		0.0200	0.0130	mg/L		08/29/25 09:00	08/30/25 20:26	1
Tin	<0.00250		0.00500	0.00250	mg/L		08/29/25 09:00	08/30/25 20:26	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			08/29/25 10:39	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-314248-1
SDG: 25C051_25_08

Client Sample ID: TB-1_25_08
Date Collected: 08/26/25 00:00
Date Received: 08/27/25 16:30

Lab Sample ID: 310-314248-17
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			08/28/25 17:19	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			08/28/25 17:19	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			08/28/25 17:19	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			08/28/25 17:19	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			08/28/25 17:19	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			08/28/25 17:19	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			08/28/25 17:19	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			08/28/25 17:19	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			08/28/25 17:19	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			08/28/25 17:19	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			08/28/25 17:19	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			08/28/25 17:19	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			08/28/25 17:19	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			08/28/25 17:19	1
2-Hexanone	<2.00		10.0	2.00	ug/L			08/28/25 17:19	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			08/28/25 17:19	1
Acetone	<3.10		10.0	3.10	ug/L			08/28/25 17:19	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			08/28/25 17:19	1
Benzene	<0.220		0.500	0.220	ug/L			08/28/25 17:19	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			08/28/25 17:19	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			08/28/25 17:19	1
Bromoform	<0.780		5.00	0.780	ug/L			08/28/25 17:19	1
Bromomethane	<1.10		4.00	1.10	ug/L			08/28/25 17:19	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			08/28/25 17:19	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			08/28/25 17:19	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			08/28/25 17:19	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			08/28/25 17:19	1
Chloroethane	<0.790		4.00	0.790	ug/L			08/28/25 17:19	1
Chloroform	<1.30		3.00	1.30	ug/L			08/28/25 17:19	1
Chloromethane	<0.610		3.00	0.610	ug/L			08/28/25 17:19	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			08/28/25 17:19	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			08/28/25 17:19	1
Dibromomethane	<0.330		1.00	0.330	ug/L			08/28/25 17:19	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			08/28/25 17:19	1
Iodomethane	<7.00		10.0	7.00	ug/L			08/28/25 17:19	1
Methylene chloride	<1.70		5.00	1.70	ug/L			08/28/25 17:19	1
Styrene	<0.370		1.00	0.370	ug/L			08/28/25 17:19	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			08/28/25 17:19	1
Toluene	<0.430		1.00	0.430	ug/L			08/28/25 17:19	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			08/28/25 17:19	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			08/28/25 17:19	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			08/28/25 17:19	1
Trichloroethene	<0.430		1.00	0.430	ug/L			08/28/25 17:19	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			08/28/25 17:19	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			08/28/25 17:19	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			08/28/25 17:19	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			08/28/25 17:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*107*		*76 - 130*		*08/28/25 17:19*	*1*

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-314248-1
SDG: 25C051_25_08

Client Sample ID: TB-1_25_08
Date Collected: 08/26/25 00:00
Date Received: 08/27/25 16:30

Lab Sample ID: 310-314248-17
Matrix: Water

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	100		80 - 120		08/28/25 17:19	1
4-Bromofluorobenzene (Surr)	96		80 - 120		08/28/25 17:19	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-314248-1
SDG: 25C051_25_08

Client Sample ID: MW-204A_25_08
Date Collected: 08/25/25 13:25
Date Received: 08/27/25 16:30

Lab Sample ID: 310-314248-18
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			08/29/25 08:01	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			08/29/25 08:01	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			08/29/25 08:01	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			08/29/25 08:01	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			08/29/25 08:01	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			08/29/25 08:01	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			08/29/25 08:01	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			08/29/25 08:01	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			08/29/25 08:01	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			08/29/25 08:01	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			08/29/25 08:01	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			08/29/25 08:01	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			08/29/25 08:01	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			08/29/25 08:01	1
2-Hexanone	<2.00		10.0	2.00	ug/L			08/29/25 08:01	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			08/29/25 08:01	1
Acetone	<3.10		10.0	3.10	ug/L			08/29/25 08:01	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			08/29/25 08:01	1
Benzene	<0.220		0.500	0.220	ug/L			08/29/25 08:01	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			08/29/25 08:01	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			08/29/25 08:01	1
Bromoform	<0.780		5.00	0.780	ug/L			08/29/25 08:01	1
Bromomethane	<1.10		4.00	1.10	ug/L			08/29/25 08:01	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			08/29/25 08:01	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			08/29/25 08:01	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			08/29/25 08:01	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			08/29/25 08:01	1
Chloroethane	<0.790		4.00	0.790	ug/L			08/29/25 08:01	1
Chloroform	<1.30		3.00	1.30	ug/L			08/29/25 08:01	1
Chloromethane	<0.610		3.00	0.610	ug/L			08/29/25 08:01	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			08/29/25 08:01	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			08/29/25 08:01	1
Dibromomethane	<0.330		1.00	0.330	ug/L			08/29/25 08:01	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			08/29/25 08:01	1
Iodomethane	<7.00		10.0	7.00	ug/L			08/29/25 08:01	1
Methylene chloride	<1.70		5.00	1.70	ug/L			08/29/25 08:01	1
Styrene	<0.370		1.00	0.370	ug/L			08/29/25 08:01	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			08/29/25 08:01	1
Toluene	<0.430		1.00	0.430	ug/L			08/29/25 08:01	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			08/29/25 08:01	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			08/29/25 08:01	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			08/29/25 08:01	1
Trichloroethene	<0.430		1.00	0.430	ug/L			08/29/25 08:01	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			08/29/25 08:01	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			08/29/25 08:01	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			08/29/25 08:01	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			08/29/25 08:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*116*		*76 - 130*		*08/29/25 08:01*	*1*

Client Sample ID: MW-204A_25_08
Date Collected: 08/25/25 13:25
Date Received: 08/27/25 16:30

Lab Sample ID: 310-314248-18
Matrix: Water

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*101*		*80 - 120*		*08/29/25 08:01*	*1*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*		*08/29/25 08:01*	*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		08/29/25 09:00	08/30/25 20:29	1
Arsenic	**0.000674**	**J**	0.00200	0.000530	mg/L		08/29/25 09:00	08/30/25 20:29	1
Barium	**0.0470**		0.00200	0.000660	mg/L		08/29/25 09:00	08/30/25 20:29	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		08/29/25 09:00	08/30/25 20:29	1
Cadmium	**0.000223**		0.000200	0.000100	mg/L		08/29/25 09:00	08/30/25 20:29	1
Chromium	<0.00180		0.00500	0.00180	mg/L		08/29/25 09:00	08/30/25 20:29	1
Cobalt	**0.00155**		0.000500	0.000170	mg/L		08/29/25 09:00	08/30/25 20:29	1
Copper	<0.00320		0.00500	0.00320	mg/L		08/29/25 09:00	08/30/25 20:29	1
Lead	<0.000330		0.000500	0.000330	mg/L		08/29/25 09:00	08/30/25 20:29	1
Nickel	**0.00578**		0.00500	0.00230	mg/L		08/29/25 09:00	08/30/25 20:29	1
Selenium	<0.00140		0.00500	0.00140	mg/L		08/29/25 09:00	08/30/25 20:29	1
Silver	<0.000500		0.00100	0.000500	mg/L		08/29/25 09:00	08/30/25 20:29	1
Thallium	<0.000570		0.00100	0.000570	mg/L		08/29/25 09:00	08/30/25 20:29	1
Vanadium	**0.00683**		0.00500	0.00170	mg/L		08/29/25 09:00	08/30/25 20:29	1
Zinc	<0.0130		0.0200	0.0130	mg/L		08/29/25 09:00	08/30/25 20:29	1
Tin	<0.00250		0.00500	0.00250	mg/L		08/29/25 09:00	08/30/25 20:29	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			08/28/25 13:48	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-314248-1
SDG: 25C051_25_08

Client Sample ID: MW-204B_25_08
Date Collected: 08/25/25 14:00
Date Received: 08/27/25 16:30

Lab Sample ID: 310-314248-19
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			08/29/25 08:23	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			08/29/25 08:23	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			08/29/25 08:23	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			08/29/25 08:23	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			08/29/25 08:23	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			08/29/25 08:23	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			08/29/25 08:23	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			08/29/25 08:23	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			08/29/25 08:23	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			08/29/25 08:23	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			08/29/25 08:23	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			08/29/25 08:23	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			08/29/25 08:23	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			08/29/25 08:23	1
2-Hexanone	<2.00		10.0	2.00	ug/L			08/29/25 08:23	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			08/29/25 08:23	1
Acetone	<3.10		10.0	3.10	ug/L			08/29/25 08:23	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			08/29/25 08:23	1
Benzene	<0.220		0.500	0.220	ug/L			08/29/25 08:23	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			08/29/25 08:23	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			08/29/25 08:23	1
Bromoform	<0.780		5.00	0.780	ug/L			08/29/25 08:23	1
Bromomethane	<1.10		4.00	1.10	ug/L			08/29/25 08:23	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			08/29/25 08:23	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			08/29/25 08:23	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			08/29/25 08:23	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			08/29/25 08:23	1
Chloroethane	<0.790		4.00	0.790	ug/L			08/29/25 08:23	1
Chloroform	<1.30		3.00	1.30	ug/L			08/29/25 08:23	1
Chloromethane	<0.610		3.00	0.610	ug/L			08/29/25 08:23	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			08/29/25 08:23	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			08/29/25 08:23	1
Dibromomethane	<0.330		1.00	0.330	ug/L			08/29/25 08:23	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			08/29/25 08:23	1
Iodomethane	<7.00		10.0	7.00	ug/L			08/29/25 08:23	1
Methylene chloride	<1.70		5.00	1.70	ug/L			08/29/25 08:23	1
Styrene	<0.370		1.00	0.370	ug/L			08/29/25 08:23	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			08/29/25 08:23	1
Toluene	<0.430		1.00	0.430	ug/L			08/29/25 08:23	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			08/29/25 08:23	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			08/29/25 08:23	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			08/29/25 08:23	1
Trichloroethene	<0.430		1.00	0.430	ug/L			08/29/25 08:23	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			08/29/25 08:23	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			08/29/25 08:23	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			08/29/25 08:23	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			08/29/25 08:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*121*		*76 - 130*		*08/29/25 08:23*	*1*

Client Sample ID: MW-204B_25_08
Date Collected: 08/25/25 14:00
Date Received: 08/27/25 16:30

Lab Sample ID: 310-314248-19
Matrix: Water

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*99*		*80 - 120*		*08/29/25 08:23*	*1*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*		*08/29/25 08:23*	*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		08/29/25 09:00	08/30/25 20:32	1
Arsenic	**0.00102**	**J**	0.00200	0.000530	mg/L		08/29/25 09:00	08/30/25 20:32	1
Barium	**0.0213**		0.00200	0.000660	mg/L		08/29/25 09:00	08/30/25 20:32	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		08/29/25 09:00	08/30/25 20:32	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		08/29/25 09:00	08/30/25 20:32	1
Chromium	<0.00180		0.00500	0.00180	mg/L		08/29/25 09:00	08/30/25 20:32	1
Cobalt	**0.0106**		0.000500	0.000170	mg/L		08/29/25 09:00	08/30/25 20:32	1
Copper	<0.00320		0.00500	0.00320	mg/L		08/29/25 09:00	08/30/25 20:32	1
Lead	<0.000330		0.000500	0.000330	mg/L		08/29/25 09:00	08/30/25 20:32	1
Nickel	**0.00723**		0.00500	0.00230	mg/L		08/29/25 09:00	08/30/25 20:32	1
Selenium	<0.00140		0.00500	0.00140	mg/L		08/29/25 09:00	08/30/25 20:32	1
Silver	<0.000500		0.00100	0.000500	mg/L		08/29/25 09:00	08/30/25 20:32	1
Thallium	<0.000570		0.00100	0.000570	mg/L		08/29/25 09:00	08/30/25 20:32	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		08/29/25 09:00	08/30/25 20:32	1
Zinc	<0.0130		0.0200	0.0130	mg/L		08/29/25 09:00	08/30/25 20:32	1
Tin	<0.00250		0.00500	0.00250	mg/L		08/29/25 09:00	08/30/25 20:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**35.5**		7.50	5.25	mg/L			08/28/25 13:48	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-314248-1
SDG: 25C051_25_08

Client Sample ID: MW-213A_25_08
Date Collected: 08/25/25 16:40
Date Received: 08/27/25 16:30

Lab Sample ID: 310-314248-20
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			08/29/25 08:59	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			08/29/25 08:59	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			08/29/25 08:59	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			08/29/25 08:59	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			08/29/25 08:59	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			08/29/25 08:59	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			08/29/25 08:59	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			08/29/25 08:59	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			08/29/25 08:59	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			08/29/25 08:59	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			08/29/25 08:59	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			08/29/25 08:59	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			08/29/25 08:59	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			08/29/25 08:59	1
2-Hexanone	<2.00		10.0	2.00	ug/L			08/29/25 08:59	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			08/29/25 08:59	1
Acetone	<3.10		10.0	3.10	ug/L			08/29/25 08:59	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			08/29/25 08:59	1
Benzene	<0.220		0.500	0.220	ug/L			08/29/25 08:59	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			08/29/25 08:59	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			08/29/25 08:59	1
Bromoform	<0.780		5.00	0.780	ug/L			08/29/25 08:59	1
Bromomethane	<1.10		4.00	1.10	ug/L			08/29/25 08:59	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			08/29/25 08:59	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			08/29/25 08:59	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			08/29/25 08:59	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			08/29/25 08:59	1
Chloroethane	<0.790		4.00	0.790	ug/L			08/29/25 08:59	1
Chloroform	<1.30		3.00	1.30	ug/L			08/29/25 08:59	1
Chloromethane	<0.610		3.00	0.610	ug/L			08/29/25 08:59	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			08/29/25 08:59	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			08/29/25 08:59	1
Dibromomethane	<0.330		1.00	0.330	ug/L			08/29/25 08:59	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			08/29/25 08:59	1
Iodomethane	<7.00		10.0	7.00	ug/L			08/29/25 08:59	1
Methylene chloride	<1.70		5.00	1.70	ug/L			08/29/25 08:59	1
Styrene	<0.370		1.00	0.370	ug/L			08/29/25 08:59	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			08/29/25 08:59	1
Toluene	<0.430		1.00	0.430	ug/L			08/29/25 08:59	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			08/29/25 08:59	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			08/29/25 08:59	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			08/29/25 08:59	1
Trichloroethene	<0.430		1.00	0.430	ug/L			08/29/25 08:59	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			08/29/25 08:59	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			08/29/25 08:59	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			08/29/25 08:59	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			08/29/25 08:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*116*		*76 - 130*		*08/29/25 08:59*	*1*

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-314248-1
SDG: 25C051_25_08

Client Sample ID: MW-213A_25_08
Date Collected: 08/25/25 16:40
Date Received: 08/27/25 16:30

Lab Sample ID: 310-314248-20
Matrix: Water

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*98*		*80 - 120*		*08/29/25 08:59*	*1*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*		*08/29/25 08:59*	*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		08/29/25 09:00	08/30/25 20:35	1
Arsenic	**0.00130**	**J**	0.00200	0.000530	mg/L		08/29/25 09:00	08/30/25 20:35	1
Barium	**0.0913**		0.00200	0.000660	mg/L		08/29/25 09:00	08/30/25 20:35	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		08/29/25 09:00	08/30/25 20:35	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		08/29/25 09:00	08/30/25 20:35	1
Chromium	<0.00180		0.00500	0.00180	mg/L		08/29/25 09:00	08/30/25 20:35	1
Cobalt	**0.0102**		0.000500	0.000170	mg/L		08/29/25 09:00	08/30/25 20:35	1
Copper	<0.00320		0.00500	0.00320	mg/L		08/29/25 09:00	08/30/25 20:35	1
Lead	<0.000330		0.000500	0.000330	mg/L		08/29/25 09:00	08/30/25 20:35	1
Nickel	**0.00555**		0.00500	0.00230	mg/L		08/29/25 09:00	08/30/25 20:35	1
Selenium	<0.00140		0.00500	0.00140	mg/L		08/29/25 09:00	08/30/25 20:35	1
Silver	<0.000500		0.00100	0.000500	mg/L		08/29/25 09:00	08/30/25 20:35	1
Thallium	<0.000570		0.00100	0.000570	mg/L		08/29/25 09:00	08/30/25 20:35	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		08/29/25 09:00	08/30/25 20:35	1
Zinc	<0.0130		0.0200	0.0130	mg/L		08/29/25 09:00	08/30/25 20:35	1
Tin	<0.00250		0.00500	0.00250	mg/L		08/29/25 09:00	08/30/25 20:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**2.25**		1.88	1.31	mg/L			08/28/25 13:48	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-314248-1
SDG: 25C051_25_08

Client Sample ID: MW-213B_25_08
Date Collected: 08/25/25 17:20
Date Received: 08/27/25 16:30

Lab Sample ID: 310-314248-21
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			08/29/25 09:21	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			08/29/25 09:21	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			08/29/25 09:21	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			08/29/25 09:21	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			08/29/25 09:21	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			08/29/25 09:21	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			08/29/25 09:21	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			08/29/25 09:21	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			08/29/25 09:21	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			08/29/25 09:21	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			08/29/25 09:21	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			08/29/25 09:21	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			08/29/25 09:21	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			08/29/25 09:21	1
2-Hexanone	<2.00		10.0	2.00	ug/L			08/29/25 09:21	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			08/29/25 09:21	1
Acetone	<3.10		10.0	3.10	ug/L			08/29/25 09:21	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			08/29/25 09:21	1
Benzene	<0.220		0.500	0.220	ug/L			08/29/25 09:21	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			08/29/25 09:21	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			08/29/25 09:21	1
Bromoform	<0.780		5.00	0.780	ug/L			08/29/25 09:21	1
Bromomethane	<1.10		4.00	1.10	ug/L			08/29/25 09:21	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			08/29/25 09:21	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			08/29/25 09:21	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			08/29/25 09:21	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			08/29/25 09:21	1
Chloroethane	<0.790		4.00	0.790	ug/L			08/29/25 09:21	1
Chloroform	<1.30		3.00	1.30	ug/L			08/29/25 09:21	1
Chloromethane	<0.610		3.00	0.610	ug/L			08/29/25 09:21	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			08/29/25 09:21	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			08/29/25 09:21	1
Dibromomethane	<0.330		1.00	0.330	ug/L			08/29/25 09:21	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			08/29/25 09:21	1
Iodomethane	<7.00		10.0	7.00	ug/L			08/29/25 09:21	1
Methylene chloride	<1.70		5.00	1.70	ug/L			08/29/25 09:21	1
Styrene	<0.370		1.00	0.370	ug/L			08/29/25 09:21	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			08/29/25 09:21	1
Toluene	<0.430		1.00	0.430	ug/L			08/29/25 09:21	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			08/29/25 09:21	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			08/29/25 09:21	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			08/29/25 09:21	1
Trichloroethene	<0.430		1.00	0.430	ug/L			08/29/25 09:21	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			08/29/25 09:21	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			08/29/25 09:21	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			08/29/25 09:21	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			08/29/25 09:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*116*		*76 - 130*		*08/29/25 09:21*	*1*

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-314248-1
SDG: 25C051_25_08

Client Sample ID: MW-213B_25_08

Date Collected: 08/25/25 17:20
Date Received: 08/27/25 16:30

Lab Sample ID: 310-314248-21

Matrix: Water

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*99*		*80 - 120*		*08/29/25 09:21*	*1*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*		*08/29/25 09:21*	*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		08/29/25 09:00	08/30/25 20:38	1
Arsenic	**0.000663**	**J**	0.00200	0.000530	mg/L		08/29/25 09:00	08/30/25 20:38	1
Barium	**0.0926**		0.00200	0.000660	mg/L		08/29/25 09:00	08/30/25 20:38	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		08/29/25 09:00	08/30/25 20:38	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		08/29/25 09:00	08/30/25 20:38	1
Chromium	**0.00963**		0.00500	0.00180	mg/L		08/29/25 09:00	08/30/25 20:38	1
Cobalt	**0.000211**	**J**	0.000500	0.000170	mg/L		08/29/25 09:00	08/30/25 20:38	1
Copper	<0.00320		0.00500	0.00320	mg/L		08/29/25 09:00	08/30/25 20:38	1
Lead	<0.000330		0.000500	0.000330	mg/L		08/29/25 09:00	08/30/25 20:38	1
Nickel	**0.00537**		0.00500	0.00230	mg/L		08/29/25 09:00	08/30/25 20:38	1
Selenium	<0.00140		0.00500	0.00140	mg/L		08/29/25 09:00	08/30/25 20:38	1
Silver	<0.000500		0.00100	0.000500	mg/L		08/29/25 09:00	08/30/25 20:38	1
Thallium	<0.000570		0.00100	0.000570	mg/L		08/29/25 09:00	08/30/25 20:38	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		08/29/25 09:00	08/30/25 20:38	1
Zinc	<0.0130		0.0200	0.0130	mg/L		08/29/25 09:00	08/30/25 20:38	1
Tin	<0.00250		0.00500	0.00250	mg/L		08/29/25 09:00	08/30/25 20:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**5.88**		1.88	1.31	mg/L			08/28/25 13:48	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-314248-1
SDG: 25C051_25_08

Client Sample ID: MW-214_25_08
Date Collected: 08/25/25 14:50
Date Received: 08/27/25 16:30

Lab Sample ID: 310-314248-22
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			08/29/25 09:43	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			08/29/25 09:43	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			08/29/25 09:43	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			08/29/25 09:43	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			08/29/25 09:43	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			08/29/25 09:43	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			08/29/25 09:43	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			08/29/25 09:43	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			08/29/25 09:43	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			08/29/25 09:43	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			08/29/25 09:43	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			08/29/25 09:43	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			08/29/25 09:43	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			08/29/25 09:43	1
2-Hexanone	<2.00		10.0	2.00	ug/L			08/29/25 09:43	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			08/29/25 09:43	1
Acetone	<3.10		10.0	3.10	ug/L			08/29/25 09:43	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			08/29/25 09:43	1
Benzene	<0.220		0.500	0.220	ug/L			08/29/25 09:43	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			08/29/25 09:43	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			08/29/25 09:43	1
Bromoform	<0.780		5.00	0.780	ug/L			08/29/25 09:43	1
Bromomethane	<1.10		4.00	1.10	ug/L			08/29/25 09:43	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			08/29/25 09:43	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			08/29/25 09:43	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			08/29/25 09:43	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			08/29/25 09:43	1
Chloroethane	<0.790		4.00	0.790	ug/L			08/29/25 09:43	1
Chloroform	<1.30		3.00	1.30	ug/L			08/29/25 09:43	1
Chloromethane	<0.610		3.00	0.610	ug/L			08/29/25 09:43	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			08/29/25 09:43	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			08/29/25 09:43	1
Dibromomethane	<0.330		1.00	0.330	ug/L			08/29/25 09:43	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			08/29/25 09:43	1
Iodomethane	<7.00		10.0	7.00	ug/L			08/29/25 09:43	1
Methylene chloride	<1.70		5.00	1.70	ug/L			08/29/25 09:43	1
Styrene	<0.370		1.00	0.370	ug/L			08/29/25 09:43	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			08/29/25 09:43	1
Toluene	<0.430		1.00	0.430	ug/L			08/29/25 09:43	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			08/29/25 09:43	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			08/29/25 09:43	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			08/29/25 09:43	1
Trichloroethene	<0.430		1.00	0.430	ug/L			08/29/25 09:43	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			08/29/25 09:43	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			08/29/25 09:43	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			08/29/25 09:43	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			08/29/25 09:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*115*		*76 - 130*		*08/29/25 09:43*	*1*

Client Sample ID: MW-214_25_08
Date Collected: 08/25/25 14:50
Date Received: 08/27/25 16:30

Lab Sample ID: 310-314248-22
Matrix: Water

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*97*		*80 - 120*		*08/29/25 09:43*	*1*
4-Bromofluorobenzene (Surr)	*106*		*80 - 120*		*08/29/25 09:43*	*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		09/02/25 09:00	09/03/25 16:42	1
Arsenic	<0.000530		0.00200	0.000530	mg/L		09/02/25 09:00	09/03/25 16:42	1
Barium	**0.0570**		0.00200	0.000660	mg/L		09/02/25 09:00	09/03/25 16:42	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		09/02/25 09:00	09/03/25 16:42	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		09/02/25 09:00	09/03/25 16:42	1
Chromium	<0.00180		0.00500	0.00180	mg/L		09/02/25 09:00	09/03/25 16:42	1
Cobalt	<0.000170		0.000500	0.000170	mg/L		09/02/25 09:00	09/03/25 16:42	1
Copper	<0.00320		0.00500	0.00320	mg/L		09/02/25 09:00	09/03/25 16:42	1
Lead	<0.000330		0.000500	0.000330	mg/L		09/02/25 09:00	09/03/25 16:42	1
Nickel	<0.00230		0.00500	0.00230	mg/L		09/02/25 09:00	09/03/25 16:42	1
Selenium	**0.00358**	**J**	0.00500	0.00140	mg/L		09/02/25 09:00	09/03/25 16:42	1
Silver	**0.00140**		0.00100	0.000500	mg/L		09/02/25 09:00	09/03/25 16:42	1
Thallium	<0.000570		0.00100	0.000570	mg/L		09/02/25 09:00	09/03/25 16:42	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		09/02/25 09:00	09/03/25 16:42	1
Zinc	<0.0130		0.0200	0.0130	mg/L		09/02/25 09:00	09/03/25 16:42	1
Tin	<0.00250		0.00500	0.00250	mg/L		09/02/25 09:00	09/03/25 16:42	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			08/28/25 13:48	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-314248-1
SDG: 25C051_25_08

Client Sample ID: MW-215_25_08
Date Collected: 08/25/25 15:30
Date Received: 08/27/25 16:30

Lab Sample ID: 310-314248-23
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			08/29/25 10:05	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			08/29/25 10:05	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			08/29/25 10:05	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			08/29/25 10:05	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			08/29/25 10:05	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			08/29/25 10:05	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			08/29/25 10:05	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			08/29/25 10:05	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			08/29/25 10:05	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			08/29/25 10:05	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			08/29/25 10:05	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			08/29/25 10:05	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			08/29/25 10:05	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			08/29/25 10:05	1
2-Hexanone	<2.00		10.0	2.00	ug/L			08/29/25 10:05	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			08/29/25 10:05	1
Acetone	<3.10		10.0	3.10	ug/L			08/29/25 10:05	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			08/29/25 10:05	1
Benzene	<0.220		0.500	0.220	ug/L			08/29/25 10:05	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			08/29/25 10:05	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			08/29/25 10:05	1
Bromoform	<0.780		5.00	0.780	ug/L			08/29/25 10:05	1
Bromomethane	<1.10		4.00	1.10	ug/L			08/29/25 10:05	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			08/29/25 10:05	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			08/29/25 10:05	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			08/29/25 10:05	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			08/29/25 10:05	1
Chloroethane	<0.790		4.00	0.790	ug/L			08/29/25 10:05	1
Chloroform	<1.30		3.00	1.30	ug/L			08/29/25 10:05	1
Chloromethane	<0.610		3.00	0.610	ug/L			08/29/25 10:05	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			08/29/25 10:05	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			08/29/25 10:05	1
Dibromomethane	<0.330		1.00	0.330	ug/L			08/29/25 10:05	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			08/29/25 10:05	1
Iodomethane	<7.00		10.0	7.00	ug/L			08/29/25 10:05	1
Methylene chloride	<1.70		5.00	1.70	ug/L			08/29/25 10:05	1
Styrene	<0.370		1.00	0.370	ug/L			08/29/25 10:05	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			08/29/25 10:05	1
Toluene	<0.430		1.00	0.430	ug/L			08/29/25 10:05	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			08/29/25 10:05	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			08/29/25 10:05	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			08/29/25 10:05	1
Trichloroethene	<0.430		1.00	0.430	ug/L			08/29/25 10:05	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			08/29/25 10:05	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			08/29/25 10:05	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			08/29/25 10:05	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			08/29/25 10:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*119*		*76 - 130*		*08/29/25 10:05*	*1*

Client Sample ID: MW-215_25_08
Date Collected: 08/25/25 15:30
Date Received: 08/27/25 16:30

Lab Sample ID: 310-314248-23
Matrix: Water

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*102*		*80 - 120*		*08/29/25 10:05*	*1*
4-Bromofluorobenzene (Surr)	*93*		*80 - 120*		*08/29/25 10:05*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.00116**	**J**	0.00200	0.00100	mg/L		09/02/25 09:00	09/03/25 16:58	1
Arsenic	<0.000530		0.00200	0.000530	mg/L		09/02/25 09:00	09/03/25 16:58	1
Barium	**0.178**		0.00200	0.000660	mg/L		09/02/25 09:00	09/03/25 16:58	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		09/02/25 09:00	09/03/25 16:58	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		09/02/25 09:00	09/03/25 16:58	1
Chromium	<0.00180		0.00500	0.00180	mg/L		09/02/25 09:00	09/03/25 16:58	1
Cobalt	<0.000170		0.000500	0.000170	mg/L		09/02/25 09:00	09/03/25 16:58	1
Copper	<0.00320		0.00500	0.00320	mg/L		09/02/25 09:00	09/03/25 16:58	1
Lead	<0.000330		0.000500	0.000330	mg/L		09/02/25 09:00	09/03/25 16:58	1
Nickel	<0.00230		0.00500	0.00230	mg/L		09/02/25 09:00	09/03/25 16:58	1
Selenium	<0.00140		0.00500	0.00140	mg/L		09/02/25 09:00	09/03/25 16:58	1
Silver	<0.000500		0.00100	0.000500	mg/L		09/02/25 09:00	09/03/25 16:58	1
Thallium	<0.000570		0.00100	0.000570	mg/L		09/02/25 09:00	09/03/25 16:58	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		09/02/25 09:00	09/03/25 16:58	1
Zinc	<0.0130		0.0200	0.0130	mg/L		09/02/25 09:00	09/03/25 16:58	1
Tin	**0.00333**	**J**	0.00500	0.00250	mg/L		09/02/25 09:00	09/03/25 16:58	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			08/28/25 13:48	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-314248-1
SDG: 25C051_25_08

Client Sample ID: MW-218_25_08
Date Collected: 08/25/25 11:30
Date Received: 08/27/25 16:30

Lab Sample ID: 310-314248-24
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			08/29/25 10:26	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			08/29/25 10:26	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			08/29/25 10:26	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			08/29/25 10:26	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			08/29/25 10:26	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			08/29/25 10:26	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			08/29/25 10:26	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			08/29/25 10:26	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			08/29/25 10:26	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			08/29/25 10:26	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			08/29/25 10:26	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			08/29/25 10:26	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			08/29/25 10:26	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			08/29/25 10:26	1
2-Hexanone	<2.00		10.0	2.00	ug/L			08/29/25 10:26	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			08/29/25 10:26	1
Acetone	<3.10		10.0	3.10	ug/L			08/29/25 10:26	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			08/29/25 10:26	1
Benzene	<0.220		0.500	0.220	ug/L			08/29/25 10:26	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			08/29/25 10:26	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			08/29/25 10:26	1
Bromoform	<0.780		5.00	0.780	ug/L			08/29/25 10:26	1
Bromomethane	<1.10		4.00	1.10	ug/L			08/29/25 10:26	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			08/29/25 10:26	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			08/29/25 10:26	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			08/29/25 10:26	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			08/29/25 10:26	1
Chloroethane	<0.790		4.00	0.790	ug/L			08/29/25 10:26	1
Chloroform	<1.30		3.00	1.30	ug/L			08/29/25 10:26	1
Chloromethane	<0.610		3.00	0.610	ug/L			08/29/25 10:26	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			08/29/25 10:26	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			08/29/25 10:26	1
Dibromomethane	<0.330		1.00	0.330	ug/L			08/29/25 10:26	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			08/29/25 10:26	1
Iodomethane	<7.00		10.0	7.00	ug/L			08/29/25 10:26	1
Methylene chloride	<1.70		5.00	1.70	ug/L			08/29/25 10:26	1
Styrene	<0.370		1.00	0.370	ug/L			08/29/25 10:26	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			08/29/25 10:26	1
Toluene	<0.430		1.00	0.430	ug/L			08/29/25 10:26	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			08/29/25 10:26	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			08/29/25 10:26	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			08/29/25 10:26	1
Trichloroethene	<0.430		1.00	0.430	ug/L			08/29/25 10:26	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			08/29/25 10:26	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			08/29/25 10:26	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			08/29/25 10:26	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			08/29/25 10:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*122*		*76 - 130*		*08/29/25 10:26*	*1*

Client Sample ID: MW-218_25_08
Date Collected: 08/25/25 11:30
Date Received: 08/27/25 16:30

Lab Sample ID: 310-314248-24
Matrix: Water

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*99*		*80 - 120*		*08/29/25 10:26*	*1*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*08/29/25 10:26*	*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		09/02/25 09:00	09/03/25 17:00	1
Arsenic	**0.000864**	**J**	0.00200	0.000530	mg/L		09/02/25 09:00	09/03/25 17:00	1
Barium	**0.200**		0.00200	0.000660	mg/L		09/02/25 09:00	09/03/25 17:00	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		09/02/25 09:00	09/03/25 17:00	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		09/02/25 09:00	09/03/25 17:00	1
Chromium	<0.00180		0.00500	0.00180	mg/L		09/02/25 09:00	09/03/25 17:00	1
Cobalt	<0.000170		0.000500	0.000170	mg/L		09/02/25 09:00	09/03/25 17:00	1
Copper	<0.00320		0.00500	0.00320	mg/L		09/02/25 09:00	09/03/25 17:00	1
Lead	<0.000330		0.000500	0.000330	mg/L		09/02/25 09:00	09/03/25 17:00	1
Nickel	<0.00230		0.00500	0.00230	mg/L		09/02/25 09:00	09/03/25 17:00	1
Selenium	**0.00666**		0.00500	0.00140	mg/L		09/02/25 09:00	09/03/25 17:00	1
Silver	<0.000500		0.00100	0.000500	mg/L		09/02/25 09:00	09/03/25 17:00	1
Thallium	<0.000570		0.00100	0.000570	mg/L		09/02/25 09:00	09/03/25 17:00	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		09/02/25 09:00	09/03/25 17:00	1
Zinc	<0.0130		0.0200	0.0130	mg/L		09/02/25 09:00	09/03/25 17:00	1
Tin	<0.00250		0.00500	0.00250	mg/L		09/02/25 09:00	09/03/25 17:00	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			08/28/25 13:48	1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
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
*+	LCS and/or LCSD is outside acceptance limits, high biased.
S1+	Surrogate recovery exceeds control limits, high biased.

Metals

Qualifier	Qualifier Description
F5	Duplicate RPD exceeds limit, and one or both sample results are less than 5 times RL, and the absolute difference between results is < the upper reporting limits for both.
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

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-314248-1
SDG: 25C051_25_08

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)
310-314160-AD-1 MS	Matrix Spike	96	102	94
310-314160-AD-1 MSD	Matrix Spike Duplicate	100	104	97
310-314248-1	GU-1_25_08	96	103	97
310-314248-1 MS	GU-1_25_08	97	103	98
310-314248-1 MSD	GU-1_25_08	94	102	95
310-314248-2	GU-L_25_08	97	102	101
310-314248-3	GU-O_25_08	101	102	102
310-314248-4	GU-P_25_08	100	102	97
310-314248-5	MW-9AR_25_08	103	102	100
310-314248-6	MW-24_25_08	101	101	100
310-314248-7	MW-26A_25_08	102	100	106
310-314248-8	MW-201B_25_08	102	104	99
310-314248-9	MW-303_25_08	100	102	97
310-314248-10	MW-304R_25_08	110	102	96
310-314248-11	MW-305_25_08	104	101	95
310-314248-12	MW-501_25_08	108	100	97
310-314248-13	MW-502_25_08	111	98	98
310-314248-14	FD-1_25_08	107	101	93
310-314248-15	FD-2_25_08	109	99	100
310-314248-16	FB-1_25_08	103	100	92
310-314248-17	TB-1_25_08	107	100	96
310-314248-18	MW-204A_25_08	116	101	98
310-314248-19	MW-204B_25_08	121	99	94
310-314248-20	MW-213A_25_08	116	98	98
310-314248-21	MW-213B_25_08	116	99	96
310-314248-22	MW-214_25_08	115	97	106
310-314248-23	MW-215_25_08	119	102	93
310-314248-24	MW-218_25_08	122	99	97
LCS 310-465030/11	Lab Control Sample	96	102	98
LCS 310-465030/9	Lab Control Sample	94	103	99
LCS 310-465036/7	Lab Control Sample	92	107	100
LCS 310-465036/8	Lab Control Sample	103	101	100
MB 310-465030/8	Method Blank	103	100	99
MB 310-465036/6	Method Blank	111	103	100

Surrogate Legend

DBFM = Dibromofluoromethane (Surr)

TOL = Toluene-d8 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

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)
310-314248-5	MW-9AR_25_08	75	70
310-314248-8	MW-201B_25_08	100	108
310-314248-9	MW-303_25_08	88	95
310-314248-16	FB-1_25_08	69	79

Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)

TCX = Tetrachloro-m-xylene

Method: 8151A - Herbicides (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	DCPAA2 (25-130)
310-314248-9	MW-303_25_08	84
310-314248-16	FB-1_25_08	76
LB 500-831854/1-C	Method Blank	78
LCS 500-832144/2-A	Lab Control Sample	87
LCSD 500-832144/3-A	Lab Control Sample Dup	87
MB 500-832144/1-A	Method Blank	80

Surrogate Legend

DCPAA = 2,4-Dichlorophenylacetic acid (Surr)

Method: 8151A - Herbicides (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	DCPAA1 (25-130)
310-314248-5	MW-9AR_25_08	278 S1+
310-314248-8	MW-201B_25_08	105
LB3 500-831974/1-B	Method Blank	105
LCS 500-832021/2-A	Lab Control Sample	117
LCSD 500-832021/7-A	Lab Control Sample Dup	106
MB 500-832021/1-A	Method Blank	122

Surrogate Legend

DCPAA = 2,4-Dichlorophenylacetic acid (Surr)

Method: 8151A - Herbicides (GC)

Matrix: Water — **Prep Type: TCLP**

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	DCPAA1 (25-130)
310-313792-C-9-C MS	Matrix Spike	111

Surrogate Legend

DCPAA = 2,4-Dichlorophenylacetic acid (Surr)

Method: 8151A - Herbicides (GC)

Matrix: Water — **Prep Type: TCLP**

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	DCPAA2 (25-130)
500-273710-H-1-E MS	Matrix Spike	106

Surrogate Legend

DCPAA = 2,4-Dichlorophenylacetic acid (Surr)

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

Lab Sample ID: MB 310-465030/8
Matrix: Water
Analysis Batch: 465030

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			08/28/25 15:29	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			08/28/25 15:29	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			08/28/25 15:29	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			08/28/25 15:29	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			08/28/25 15:29	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			08/28/25 15:29	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			08/28/25 15:29	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			08/28/25 15:29	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			08/28/25 15:29	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			08/28/25 15:29	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			08/28/25 15:29	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			08/28/25 15:29	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			08/28/25 15:29	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			08/28/25 15:29	1
2-Hexanone	<2.00		10.0	2.00	ug/L			08/28/25 15:29	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			08/28/25 15:29	1
Acetone	<3.10		10.0	3.10	ug/L			08/28/25 15:29	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			08/28/25 15:29	1
Benzene	<0.220		0.500	0.220	ug/L			08/28/25 15:29	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			08/28/25 15:29	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			08/28/25 15:29	1
Bromoform	<0.780		5.00	0.780	ug/L			08/28/25 15:29	1
Bromomethane	<1.10		4.00	1.10	ug/L			08/28/25 15:29	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			08/28/25 15:29	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			08/28/25 15:29	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			08/28/25 15:29	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			08/28/25 15:29	1
Chloroethane	<0.790		4.00	0.790	ug/L			08/28/25 15:29	1
Chloroform	<1.30		3.00	1.30	ug/L			08/28/25 15:29	1
Chloromethane	<0.610		3.00	0.610	ug/L			08/28/25 15:29	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			08/28/25 15:29	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			08/28/25 15:29	1
Dibromomethane	<0.330		1.00	0.330	ug/L			08/28/25 15:29	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			08/28/25 15:29	1
Iodomethane	<7.00		10.0	7.00	ug/L			08/28/25 15:29	1
Methylene chloride	<1.70		5.00	1.70	ug/L			08/28/25 15:29	1
Styrene	<0.370		1.00	0.370	ug/L			08/28/25 15:29	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			08/28/25 15:29	1
Toluene	<0.430		1.00	0.430	ug/L			08/28/25 15:29	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			08/28/25 15:29	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			08/28/25 15:29	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			08/28/25 15:29	1
Trichloroethene	<0.430		1.00	0.430	ug/L			08/28/25 15:29	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			08/28/25 15:29	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			08/28/25 15:29	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			08/28/25 15:29	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			08/28/25 15:29	1

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

Lab Sample ID: MB 310-465030/8
Matrix: Water
Analysis Batch: 465030

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	*103*		*76 - 130*		*08/28/25 15:29*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*08/28/25 15:29*	*1*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*		*08/28/25 15:29*	*1*

Lab Sample ID: LCS 310-465030/11
Matrix: Water
Analysis Batch: 465030

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	12.12		ug/L		61	33 - 138
Chloroethane	20.0	17.89		ug/L		89	59 - 139
Chloromethane	20.0	15.79		ug/L		79	52 - 146
Trichlorofluoromethane	20.0	16.84		ug/L		84	55 - 150
Vinyl chloride	20.0	17.33		ug/L		87	60 - 142

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Dibromofluoromethane (Surr)	*96*		*76 - 130*
Toluene-d8 (Surr)	*102*		*80 - 120*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*

Lab Sample ID: LCS 310-465030/9
Matrix: Water
Analysis Batch: 465030

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	18.26		ug/L		91	70 - 121
1,1,1-Trichloroethane	20.0	17.84		ug/L		89	69 - 130
1,1,2,2-Tetrachloroethane	20.0	18.83		ug/L		94	70 - 122
1,1,2-Trichloroethane	20.0	19.16		ug/L		96	75 - 121
1,1-Dichloroethane	20.0	17.06		ug/L		85	69 - 127
1,1-Dichloroethene	20.0	17.56		ug/L		88	64 - 134
1,2,3-Trichloropropane	20.0	18.75		ug/L		94	70 - 122
1,2-Dibromo-3-chloropropane	20.0	18.38		ug/L		92	62 - 132
1,2-Dibromoethane (EDB)	20.0	19.33		ug/L		97	74 - 122
1,2-Dichlorobenzene	20.0	20.04		ug/L		100	74 - 120
1,2-Dichloroethane	20.0	17.47		ug/L		87	68 - 125
1,2-Dichloropropane	20.0	17.44		ug/L		87	72 - 128
1,4-Dichlorobenzene	20.0	20.91		ug/L		105	72 - 120
2-Butanone (MEK)	40.0	34.93		ug/L		87	60 - 134
2-Hexanone	40.0	36.14		ug/L		90	62 - 139
4-Methyl-2-pentanone (MIBK)	40.0	37.25		ug/L		93	62 - 136
Acetone	40.0	33.04		ug/L		83	59 - 136
Acrylonitrile	200	180.9		ug/L		90	50 - 150
Benzene	20.0	18.67		ug/L		93	71 - 125
Bromochloromethane	20.0	18.13		ug/L		91	69 - 131
Bromodichloromethane	20.0	17.27		ug/L		86	70 - 122
Bromoform	20.0	17.37		ug/L		87	62 - 122
Carbon disulfide	20.0	17.10		ug/L		86	58 - 137

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

Lab Sample ID: LCS 310-465030/9
Matrix: Water
Analysis Batch: 465030

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Carbon tetrachloride	20.0	16.24		ug/L		81	63 - 136
Chlorobenzene	20.0	20.27		ug/L		101	74 - 120
Chlorodibromomethane	20.0	16.87		ug/L		84	69 - 121
Chloroform	20.0	17.98		ug/L		90	72 - 122
cis-1,2-Dichloroethene	20.0	17.32		ug/L		87	72 - 123
cis-1,3-Dichloropropene	20.0	17.30		ug/L		86	72 - 123
Dibromomethane	20.0	17.61		ug/L		88	72 - 122
Ethylbenzene	20.0	18.96		ug/L		95	75 - 120
Iodomethane	20.0	11.78		ug/L		59	18 - 150
Methylene chloride	20.0	18.34		ug/L		92	72 - 128
Styrene	20.0	19.18		ug/L		96	74 - 122
Tetrachloroethene	20.0	18.76		ug/L		94	70 - 128
Toluene	20.0	17.90		ug/L		89	74 - 120
trans-1,2-Dichloroethene	20.0	17.66		ug/L		88	67 - 127
trans-1,3-Dichloropropene	20.0	18.57		ug/L		93	67 - 123
trans-1,4-Dichloro-2-butene	20.0	17.13		ug/L		86	50 - 150
Trichloroethene	20.0	16.44		ug/L		82	70 - 128
Vinyl acetate	40.0	33.90		ug/L		85	50 - 150
Xylenes, Total	40.0	37.54		ug/L		94	74 - 121

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*94*		*76 - 130*
Toluene-d8 (Surr)	*103*		*80 - 120*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*

Lab Sample ID: 310-314248-1 MS
Matrix: Water
Analysis Batch: 465030

Client Sample ID: GU-1_25_08
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	20.44		ug/L		82	55 - 121
1,1,1-Trichloroethane	<0.190		25.0	19.68		ug/L		79	53 - 130
1,1,2,2-Tetrachloroethane	<0.470		25.0	21.11		ug/L		84	55 - 123
1,1,2-Trichloroethane	<0.450		25.0	23.07		ug/L		92	60 - 121
1,1-Dichloroethane	<0.220		25.0	19.29		ug/L		77	53 - 127
1,1-Dichloroethene	<0.560		25.0	20.29		ug/L		81	51 - 134
1,2,3-Trichloropropane	<0.590		25.0	22.32		ug/L		89	56 - 122
1,2-Dibromo-3-chloropropane	<1.20		25.0	20.07		ug/L		80	44 - 138
1,2-Dibromoethane (EDB)	<0.340		25.0	21.32		ug/L		85	60 - 122
1,2-Dichlorobenzene	<0.370		25.0	22.29		ug/L		89	60 - 120
1,2-Dichloroethane	<0.390		25.0	19.73		ug/L		79	48 - 128
1,2-Dichloropropane	<0.270		25.0	20.38		ug/L		82	59 - 128
1,4-Dichlorobenzene	<0.230		25.0	23.09		ug/L		92	58 - 120
2-Butanone (MEK)	<2.10		50.0	42.03		ug/L		84	46 - 134
2-Hexanone	<2.00		50.0	38.87		ug/L		78	46 - 141
4-Methyl-2-pentanone (MIBK)	<2.10		50.0	42.78		ug/L		86	49 - 138
Acetone	<3.10		50.0	42.28		ug/L		85	39 - 141
Acrylonitrile	<2.20		250	196.3		ug/L		79	41 - 150

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

Lab Sample ID: 310-314248-1 MS
Matrix: Water
Analysis Batch: 465030

Client Sample ID: GU-1_25_08
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.220		25.0	20.77		ug/L		83	48 - 125
Bromochloromethane	<0.540		25.0	21.35		ug/L		85	55 - 131
Bromodichloromethane	<0.390		25.0	19.04		ug/L		76	53 - 122
Bromoform	<0.780		25.0	20.28		ug/L		81	47 - 122
Carbon disulfide	<0.450		25.0	19.84		ug/L		79	45 - 137
Carbon tetrachloride	<0.650		25.0	18.43		ug/L		74	45 - 136
Chlorobenzene	<0.400		25.0	22.69		ug/L		91	59 - 120
Chlorodibromomethane	<0.750		25.0	19.62		ug/L		78	53 - 121
Chloroform	<1.30		25.0	20.20		ug/L		81	52 - 122
cis-1,2-Dichloroethene	<0.210		25.0	19.36		ug/L		77	51 - 123
cis-1,3-Dichloropropene	<0.250		25.0	19.29		ug/L		77	55 - 123
Dibromomethane	<0.330		25.0	20.40		ug/L		82	57 - 122
Ethylbenzene	<0.310		25.0	20.92		ug/L		84	53 - 120
Iodomethane	<7.00		25.0	12.26		ug/L		49	18 - 150
Methylene chloride	<1.70		25.0	21.04		ug/L		84	59 - 128
Styrene	<0.370		25.0	21.30		ug/L		85	50 - 125
Tetrachloroethene	<0.480		25.0	21.37		ug/L		85	51 - 128
Toluene	<0.430		25.0	20.05		ug/L		80	52 - 120
trans-1,2-Dichloroethene	<0.270		25.0	20.09		ug/L		80	53 - 127
trans-1,3-Dichloropropene	<0.560		25.0	19.44		ug/L		78	50 - 123
trans-1,4-Dichloro-2-butene	<1.10		25.0	17.42		ug/L		70	28 - 150
Trichloroethene	<0.430		25.0	18.53		ug/L		74	50 - 128
Vinyl acetate	<2.50		50.0	30.36		ug/L		61	31 - 150
Xylenes, Total	<0.400		50.0	40.87		ug/L		82	50 - 122

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*97*		*76 - 130*
Toluene-d8 (Surr)	*103*		*80 - 120*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*

Lab Sample ID: 310-314248-1 MSD
Matrix: Water
Analysis Batch: 465030

Client Sample ID: GU-1_25_08
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	19.27		ug/L		77	55 - 121	6	20
1,1,1-Trichloroethane	<0.190		25.0	18.75		ug/L		75	53 - 130	5	20
1,1,2,2-Tetrachloroethane	<0.470		25.0	21.34		ug/L		85	55 - 123	1	20
1,1,2-Trichloroethane	<0.450		25.0	21.66		ug/L		87	60 - 121	6	20
1,1-Dichloroethane	<0.220		25.0	18.33		ug/L		73	53 - 127	5	20
1,1-Dichloroethene	<0.560		25.0	18.40		ug/L		74	51 - 134	10	20
1,2,3-Trichloropropane	<0.590		25.0	21.60		ug/L		86	56 - 122	3	21
1,2-Dibromo-3-chloropropane	<1.20		25.0	20.43		ug/L		82	44 - 138	2	24
1,2-Dibromoethane (EDB)	<0.340		25.0	20.31		ug/L		81	60 - 122	5	20
1,2-Dichlorobenzene	<0.370		25.0	22.05		ug/L		88	60 - 120	1	20
1,2-Dichloroethane	<0.390		25.0	19.83		ug/L		79	48 - 128	1	20
1,2-Dichloropropane	<0.270		25.0	19.86		ug/L		79	59 - 128	3	20
1,4-Dichlorobenzene	<0.230		25.0	22.35		ug/L		89	58 - 120	3	20

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

Lab Sample ID: 310-314248-1 MSD
Matrix: Water
Analysis Batch: 465030

Client Sample ID: GU-1_25_08
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	40.13		ug/L		80	46 - 134	5	23
2-Hexanone	<2.00		50.0	41.54		ug/L		83	46 - 141	7	20
4-Methyl-2-pentanone (MIBK)	<2.10		50.0	41.55		ug/L		83	49 - 138	3	20
Acetone	<3.10		50.0	43.21		ug/L		86	39 - 141	2	23
Acrylonitrile	<2.20		250	205.1		ug/L		82	41 - 150	4	20
Benzene	<0.220		25.0	19.45		ug/L		78	48 - 125	7	20
Bromochloromethane	<0.540		25.0	20.63		ug/L		83	55 - 131	3	21
Bromodichloromethane	<0.390		25.0	18.64		ug/L		75	53 - 122	2	20
Bromoform	<0.780		25.0	19.82		ug/L		79	47 - 122	2	20
Carbon disulfide	<0.450		25.0	18.05		ug/L		72	45 - 137	9	24
Carbon tetrachloride	<0.650		25.0	17.72		ug/L		71	45 - 136	4	20
Chlorobenzene	<0.400		25.0	21.24		ug/L		85	59 - 120	7	20
Chlorodibromomethane	<0.750		25.0	19.11		ug/L		76	53 - 121	3	20
Chloroform	<1.30		25.0	19.48		ug/L		78	52 - 122	4	20
cis-1,2-Dichloroethene	<0.210		25.0	18.44		ug/L		74	51 - 123	5	20
cis-1,3-Dichloropropene	<0.250		25.0	18.98		ug/L		76	55 - 123	2	20
Dibromomethane	<0.330		25.0	20.21		ug/L		81	57 - 122	1	20
Ethylbenzene	<0.310		25.0	20.33		ug/L		81	53 - 120	3	20
Iodomethane	<7.00		25.0	12.53		ug/L		50	18 - 150	2	32
Methylene chloride	<1.70		25.0	19.36		ug/L		77	59 - 128	8	20
Styrene	<0.370		25.0	20.56		ug/L		82	50 - 125	4	20
Tetrachloroethene	<0.480		25.0	20.52		ug/L		82	51 - 128	4	20
Toluene	<0.430		25.0	18.60		ug/L		74	52 - 120	8	20
trans-1,2-Dichloroethene	<0.270		25.0	19.13		ug/L		77	53 - 127	5	20
trans-1,3-Dichloropropene	<0.560		25.0	19.02		ug/L		76	50 - 123	2	20
trans-1,4-Dichloro-2-butene	<1.10		25.0	19.52		ug/L		78	28 - 150	11	24
Trichloroethene	<0.430		25.0	17.45		ug/L		70	50 - 128	6	20
Vinyl acetate	<2.50		50.0	28.26		ug/L		57	31 - 150	7	25
Xylenes, Total	<0.400		50.0	40.14		ug/L		80	50 - 122	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*94*		*76 - 130*
Toluene-d8 (Surr)	*102*		*80 - 120*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*

Lab Sample ID: MB 310-465036/6
Matrix: Water
Analysis Batch: 465036

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			08/29/25 03:14	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			08/29/25 03:14	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			08/29/25 03:14	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			08/29/25 03:14	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			08/29/25 03:14	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			08/29/25 03:14	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			08/29/25 03:14	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			08/29/25 03:14	1

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

Lab Sample ID: MB 310-465036/6
Matrix: Water
Analysis Batch: 465036

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			08/29/25 03:14	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			08/29/25 03:14	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			08/29/25 03:14	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			08/29/25 03:14	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			08/29/25 03:14	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			08/29/25 03:14	1
2-Hexanone	<2.00		10.0	2.00	ug/L			08/29/25 03:14	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			08/29/25 03:14	1
Acetone	<3.10		10.0	3.10	ug/L			08/29/25 03:14	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			08/29/25 03:14	1
Benzene	<0.220		0.500	0.220	ug/L			08/29/25 03:14	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			08/29/25 03:14	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			08/29/25 03:14	1
Bromoform	<0.780		5.00	0.780	ug/L			08/29/25 03:14	1
Bromomethane	<1.10		4.00	1.10	ug/L			08/29/25 03:14	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			08/29/25 03:14	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			08/29/25 03:14	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			08/29/25 03:14	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			08/29/25 03:14	1
Chloroethane	<0.790		4.00	0.790	ug/L			08/29/25 03:14	1
Chloroform	<1.30		3.00	1.30	ug/L			08/29/25 03:14	1
Chloromethane	<0.610		3.00	0.610	ug/L			08/29/25 03:14	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			08/29/25 03:14	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			08/29/25 03:14	1
Dibromomethane	<0.330		1.00	0.330	ug/L			08/29/25 03:14	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			08/29/25 03:14	1
Iodomethane	<7.00		10.0	7.00	ug/L			08/29/25 03:14	1
Methylene chloride	<1.70		5.00	1.70	ug/L			08/29/25 03:14	1
Styrene	<0.370		1.00	0.370	ug/L			08/29/25 03:14	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			08/29/25 03:14	1
Toluene	<0.430		1.00	0.430	ug/L			08/29/25 03:14	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			08/29/25 03:14	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			08/29/25 03:14	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			08/29/25 03:14	1
Trichloroethene	<0.430		1.00	0.430	ug/L			08/29/25 03:14	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			08/29/25 03:14	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			08/29/25 03:14	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			08/29/25 03:14	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			08/29/25 03:14	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*111*		*76 - 130*		*08/29/25 03:14*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*08/29/25 03:14*	*1*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*		*08/29/25 03:14*	*1*

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

Lab Sample ID: LCS 310-465036/7
Matrix: Water
Analysis Batch: 465036

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	19.65		ug/L		98	70 - 121
1,1,1-Trichloroethane	20.0	17.06		ug/L		85	69 - 130
1,1,2,2-Tetrachloroethane	20.0	19.81		ug/L		99	70 - 122
1,1,2-Trichloroethane	20.0	20.64		ug/L		103	75 - 121
1,1-Dichloroethane	20.0	17.00		ug/L		85	69 - 127
1,1-Dichloroethene	20.0	17.20		ug/L		86	64 - 134
1,2,3-Trichloropropane	20.0	18.51		ug/L		93	70 - 122
1,2-Dibromo-3-chloropropane	20.0	17.14		ug/L		86	62 - 132
1,2-Dibromoethane (EDB)	20.0	19.31		ug/L		97	74 - 122
1,2-Dichlorobenzene	20.0	20.07		ug/L		100	74 - 120
1,2-Dichloroethane	20.0	17.11		ug/L		86	68 - 125
1,2-Dichloropropane	20.0	17.91		ug/L		90	72 - 128
1,4-Dichlorobenzene	20.0	20.73		ug/L		104	72 - 120
2-Butanone (MEK)	40.0	32.54		ug/L		81	60 - 134
2-Hexanone	40.0	34.63		ug/L		87	62 - 139
4-Methyl-2-pentanone (MIBK)	40.0	36.53		ug/L		91	62 - 136
Acetone	40.0	35.39		ug/L		88	59 - 136
Acrylonitrile	200	177.1		ug/L		89	50 - 150
Benzene	20.0	18.08		ug/L		90	71 - 125
Bromochloromethane	20.0	19.05		ug/L		95	69 - 131
Bromodichloromethane	20.0	16.68		ug/L		83	70 - 122
Bromoform	20.0	17.89		ug/L		89	62 - 122
Carbon disulfide	20.0	16.38		ug/L		82	58 - 137
Carbon tetrachloride	20.0	16.59		ug/L		83	63 - 136
Chlorobenzene	20.0	20.03		ug/L		100	74 - 120
Chlorodibromomethane	20.0	17.41		ug/L		87	69 - 121
Chloroform	20.0	17.82		ug/L		89	72 - 122
cis-1,2-Dichloroethene	20.0	17.21		ug/L		86	72 - 123
cis-1,3-Dichloropropene	20.0	17.04		ug/L		85	72 - 123
Dibromomethane	20.0	17.86		ug/L		89	72 - 122
Ethylbenzene	20.0	18.82		ug/L		94	75 - 120
Iodomethane	20.0	8.724	J	ug/L		44	18 - 150
Methylene chloride	20.0	18.14		ug/L		91	72 - 128
Styrene	20.0	18.89		ug/L		94	74 - 122
Tetrachloroethene	20.0	18.85		ug/L		94	70 - 128
Toluene	20.0	18.15		ug/L		91	74 - 120
trans-1,2-Dichloroethene	20.0	17.05		ug/L		85	67 - 127
trans-1,3-Dichloropropene	20.0	17.94		ug/L		90	67 - 123
trans-1,4-Dichloro-2-butene	20.0	17.71		ug/L		89	50 - 150
Trichloroethene	20.0	16.34		ug/L		82	70 - 128
Vinyl acetate	40.0	32.28		ug/L		81	50 - 150
Xylenes, Total	40.0	37.45		ug/L		94	74 - 121

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*92*		*76 - 130*
Toluene-d8 (Surr)	*107*		*80 - 120*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*

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

Lab Sample ID: LCS 310-465036/8
Matrix: Water
Analysis Batch: 465036

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	14.81		ug/L		74	33 - 138		
Chloroethane			20.0	18.02		ug/L		90	59 - 139		
Chloromethane			20.0	16.50		ug/L		83	52 - 146		
Trichlorofluoromethane			20.0	18.02		ug/L		90	55 - 150		
Vinyl chloride			20.0	17.25		ug/L		86	60 - 142		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*103*		*76 - 130*
Toluene-d8 (Surr)	*101*		*80 - 120*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*

Lab Sample ID: 310-314160-AD-1 MS
Matrix: Water
Analysis Batch: 465036

Client Sample ID: Matrix Spike
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	22.69		ug/L		91	55 - 121		
1,1,1-Trichloroethane	<0.190	F2	25.0	22.53		ug/L		90	53 - 130		
1,1,2,2-Tetrachloroethane	<0.470		25.0	22.53		ug/L		90	55 - 123		
1,1,2-Trichloroethane	<0.450		25.0	24.59		ug/L		98	60 - 121		
1,1-Dichloroethane	0.273	J F2	25.0	21.50		ug/L		85	53 - 127		
1,1-Dichloroethene	3.95		25.0	24.38		ug/L		82	51 - 134		
1,2,3-Trichloropropane	<0.590		25.0	21.90		ug/L		88	56 - 122		
1,2-Dibromo-3-chloropropane	<1.20		25.0	22.42		ug/L		90	44 - 138		
1,2-Dibromoethane (EDB)	<0.340		25.0	22.83		ug/L		91	60 - 122		
1,2-Dichlorobenzene	<0.370		25.0	23.64		ug/L		95	60 - 120		
1,2-Dichloroethane	<0.390		25.0	21.85		ug/L		87	48 - 128		
1,2-Dichloropropane	<0.270		25.0	22.25		ug/L		89	59 - 128		
1,4-Dichlorobenzene	<0.230		25.0	24.39		ug/L		98	58 - 120		
2-Butanone (MEK)	<2.10		50.0	42.65		ug/L		85	46 - 134		
2-Hexanone	<2.00		50.0	41.80		ug/L		84	46 - 141		
4-Methyl-2-pentanone (MIBK)	<2.10		50.0	43.60		ug/L		87	49 - 138		
Acetone	<3.10		50.0	45.74		ug/L		91	39 - 141		
Acrylonitrile	<2.20		250	214.4		ug/L		86	41 - 150		
Benzene	0.481	J	25.0	23.03		ug/L		90	48 - 125		
Bromochloromethane	<0.540		25.0	22.37		ug/L		89	55 - 131		
Bromodichloromethane	<0.390		25.0	20.89		ug/L		84	53 - 122		
Bromoform	<0.780		25.0	21.55		ug/L		86	47 - 122		
Carbon disulfide	<0.450	F2	25.0	22.30		ug/L		89	45 - 137		
Carbon tetrachloride	<0.650		25.0	21.21		ug/L		85	45 - 136		
Chlorobenzene	<0.400		25.0	23.70		ug/L		95	59 - 120		
Chlorodibromomethane	<0.750		25.0	20.79		ug/L		83	53 - 121		
Chloroform	<1.30		25.0	22.76		ug/L		91	52 - 122		
cis-1,2-Dichloroethene	39.5	F1	25.0	54.22		ug/L		59	51 - 123		
cis-1,3-Dichloropropene	<0.250		25.0	18.94		ug/L		76	55 - 123		
Dibromomethane	<0.330		25.0	21.97		ug/L		88	57 - 122		
Ethylbenzene	<0.310		25.0	21.55		ug/L		86	53 - 120		
Iodomethane	<7.00		25.0	13.04		ug/L		52	18 - 150		

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

Lab Sample ID: 310-314160-AD-1 MS
Matrix: Water
Analysis Batch: 465036

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Methylene chloride	<1.70		25.0	22.66		ug/L		91	59 - 128
Styrene	<0.370		25.0	21.71		ug/L		87	50 - 125
Tetrachloroethene	<0.480		25.0	22.01		ug/L		88	51 - 128
Toluene	1.88		25.0	22.34		ug/L		82	52 - 120
trans-1,2-Dichloroethene	<0.270		25.0	22.45		ug/L		90	53 - 127
trans-1,3-Dichloropropene	<0.560		25.0	20.46		ug/L		82	50 - 123
trans-1,4-Dichloro-2-butene	<1.10		25.0	18.25		ug/L		73	28 - 150
Trichloroethene	<0.430		25.0	20.45		ug/L		82	50 - 128
Vinyl acetate	<2.50		50.0	37.90		ug/L		76	31 - 150
Xylenes, Total	<0.400		50.0	41.94		ug/L		84	50 - 122

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*96*		*76 - 130*
Toluene-d8 (Surr)	*102*		*80 - 120*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*

Lab Sample ID: 310-314160-AD-1 MSD
Matrix: Water
Analysis Batch: 465036

Client Sample ID: Matrix Spike Duplicate
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	20.00		ug/L		80	55 - 121	13	20
1,1,1-Trichloroethane	<0.190	F2	25.0	18.20	F2	ug/L		73	53 - 130	21	20
1,1,2,2-Tetrachloroethane	<0.470		25.0	19.27		ug/L		77	55 - 123	16	20
1,1,2-Trichloroethane	<0.450		25.0	20.36		ug/L		81	60 - 121	19	20
1,1-Dichloroethane	0.273	J F2	25.0	17.29	F2	ug/L		68	53 - 127	22	20
1,1-Dichloroethene	3.95		25.0	20.09		ug/L		65	51 - 134	19	20
1,2,3-Trichloropropane	<0.590		25.0	18.58		ug/L		74	56 - 122	16	21
1,2-Dibromo-3-chloropropane	<1.20		25.0	20.51		ug/L		82	44 - 138	9	24
1,2-Dibromoethane (EDB)	<0.340		25.0	19.91		ug/L		80	60 - 122	14	20
1,2-Dichlorobenzene	<0.370		25.0	21.05		ug/L		84	60 - 120	12	20
1,2-Dichloroethane	<0.390		25.0	19.19		ug/L		77	48 - 128	13	20
1,2-Dichloropropane	<0.270		25.0	19.31		ug/L		77	59 - 128	14	20
1,4-Dichlorobenzene	<0.230		25.0	21.86		ug/L		87	58 - 120	11	20
2-Butanone (MEK)	<2.10		50.0	37.84		ug/L		76	46 - 134	12	23
2-Hexanone	<2.00		50.0	36.36		ug/L		73	46 - 141	14	20
4-Methyl-2-pentanone (MIBK)	<2.10		50.0	37.97		ug/L		76	49 - 138	14	20
Acetone	<3.10		50.0	41.15		ug/L		82	39 - 141	11	23
Acrylonitrile	<2.20		250	185.3		ug/L		74	41 - 150	15	20
Benzene	0.481	J	25.0	19.13		ug/L		75	48 - 125	19	20
Bromochloromethane	<0.540		25.0	19.05		ug/L		76	55 - 131	16	21
Bromodichloromethane	<0.390		25.0	17.83		ug/L		71	53 - 122	16	20
Bromoform	<0.780		25.0	18.28		ug/L		73	47 - 122	16	20
Carbon disulfide	<0.450	F2	25.0	17.32	F2	ug/L		69	45 - 137	25	24
Carbon tetrachloride	<0.650		25.0	17.31		ug/L		69	45 - 136	20	20
Chlorobenzene	<0.400		25.0	19.85		ug/L		79	59 - 120	18	20
Chlorodibromomethane	<0.750		25.0	17.72		ug/L		71	53 - 121	16	20
Chloroform	<1.30		25.0	18.66		ug/L		75	52 - 122	20	20

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

Lab Sample ID: 310-314160-AD-1 MSD
Matrix: Water
Analysis Batch: 465036

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
cis-1,2-Dichloroethene	39.5	F1	25.0	45.49	F1	ug/L		24	51 - 123	18	20
cis-1,3-Dichloropropene	<0.250		25.0	16.60		ug/L		66	55 - 123	13	20
Dibromomethane	<0.330		25.0	19.52		ug/L		78	57 - 122	12	20
Ethylbenzene	<0.310		25.0	18.41		ug/L		74	53 - 120	16	20
Iodomethane	<7.00		25.0	11.40		ug/L		46	18 - 150	13	32
Methylene chloride	<1.70		25.0	19.28		ug/L		77	59 - 128	16	20
Styrene	<0.370		25.0	18.87		ug/L		75	50 - 125	14	20
Tetrachloroethene	<0.480		25.0	18.57		ug/L		74	51 - 128	17	20
Toluene	1.88		25.0	18.76		ug/L		68	52 - 120	17	20
trans-1,2-Dichloroethene	<0.270		25.0	18.64		ug/L		75	53 - 127	19	20
trans-1,3-Dichloropropene	<0.560		25.0	17.81		ug/L		71	50 - 123	14	20
trans-1,4-Dichloro-2-butene	<1.10		25.0	15.65		ug/L		63	28 - 150	15	24
Trichloroethene	<0.430		25.0	16.93		ug/L		68	50 - 128	19	20
Vinyl acetate	<2.50		50.0	35.94		ug/L		72	31 - 150	5	25
Xylenes, Total	<0.400		50.0	36.53		ug/L		73	50 - 122	14	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*100*		*76 - 130*
Toluene-d8 (Surr)	*104*		*80 - 120*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*

Method: 8151A - Herbicides (GC)

Lab Sample ID: LB3 500-831974/1-B
Matrix: Water
Analysis Batch: 832101

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 832021

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	<2.63		25.0	2.63	ug/L		08/29/25 08:28	08/29/25 23:35	1
2,4-D	<3.15		25.0	3.15	ug/L		08/29/25 08:28	08/29/25 23:35	1

Surrogate	*LB3 %Recovery*	*LB3 Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid (Surr)	*105*		*25 - 130*	*08/29/25 08:28*	*08/29/25 23:35*	*1*

Lab Sample ID: MB 500-832021/1-A
Matrix: Water
Analysis Batch: 832101

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 832021

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	<0.105		1.00	0.105	ug/L		08/29/25 08:28	08/29/25 23:00	1
2,4-D	<0.126		1.00	0.126	ug/L		08/29/25 08:28	08/29/25 23:00	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid (Surr)	*122*		*25 - 130*	*08/29/25 08:28*	*08/29/25 23:00*	*1*

Method: 8151A - Herbicides (GC) (Continued)

Lab Sample ID: LCS 500-832021/2-A
Matrix: Water
Analysis Batch: 832101

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 832021

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Silvex (2,4,5-TP)			2.50	2.702		ug/L		108	32 - 115		
2,4-D			10.0	10.73		ug/L		107	30 - 115		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid (Surr)	*117*		*25 - 130*

Lab Sample ID: LCSD 500-832021/7-A
Matrix: Water
Analysis Batch: 832243

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 832021

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Silvex (2,4,5-TP)			2.50	2.437		ug/L		97	32 - 115	10	20
2,4-D			10.0	9.494		ug/L		95	30 - 115	12	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid (Surr)	*106*		*25 - 130*

Lab Sample ID: LB 500-831854/1-C
Matrix: Water
Analysis Batch: 832271

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 832144

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	<2.63		25.0	2.63	ug/L		09/02/25 07:26	09/02/25 18:22	1
2,4-D	<3.15		25.0	3.15	ug/L		09/02/25 07:26	09/02/25 18:22	1

Surrogate	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid (Surr)	*78*		*25 - 130*	*09/02/25 07:26*	*09/02/25 18:22*	*1*

Lab Sample ID: MB 500-832144/1-A
Matrix: Water
Analysis Batch: 832271

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 832144

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	<0.105		1.00	0.105	ug/L		09/02/25 07:26	09/02/25 17:28	1
2,4-D	<0.126		1.00	0.126	ug/L		09/02/25 07:26	09/02/25 17:28	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid (Surr)	*80*		*25 - 130*	*09/02/25 07:26*	*09/02/25 17:28*	*1*

Lab Sample ID: LCS 500-832144/2-A
Matrix: Water
Analysis Batch: 832271

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 832144

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Silvex (2,4,5-TP)			2.50	2.704		ug/L		108	32 - 115		
2,4-D			10.0	9.703		ug/L		97	30 - 115		

Method: 8151A - Herbicides (GC) (Continued)

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4-Dichlorophenylacetic acid (Surr)	87		25 - 130

Lab Sample ID: LCSD 500-832144/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 832271 — **Prep Batch: 832144**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Silvex (2,4,5-TP)			2.50	2.945	*+	ug/L		118	32 - 115	4	20
2,4-D			10.0	10.57		ug/L		106	30 - 115	13	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2,4-Dichlorophenylacetic acid (Surr)	87		25 - 130

Lab Sample ID: 310-313792-C-9-C MS — **Client Sample ID: Matrix Spike**
Matrix: Water — **Prep Type: TCLP**
Analysis Batch: 832101 — **Prep Batch: 832021**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Silvex (2,4,5-TP)	<2.63		62.5	65.26		ug/L		104	32 - 115
2,4-D	<3.15		250	244.4		ug/L		98	30 - 115

Surrogate	MS %Recovery	MS Qualifier	Limits
2,4-Dichlorophenylacetic acid (Surr)	111		25 - 130

Lab Sample ID: 500-273710-H-1-E MS — **Client Sample ID: Matrix Spike**
Matrix: Water — **Prep Type: TCLP**
Analysis Batch: 832271 — **Prep Batch: 832144**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Silvex (2,4,5-TP)	<2.63	*+	62.5	70.44		ug/L		113	32 - 115
2,4-D	<3.15		250	247.7		ug/L		99	30 - 115

Surrogate	MS %Recovery	MS Qualifier	Limits
2,4-Dichlorophenylacetic acid (Surr)	106		25 - 130

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 310-465115/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 465295 — **Prep Batch: 465115**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		08/29/25 09:00	08/30/25 17:53	1
Arsenic	<0.000530		0.00200	0.000530	mg/L		08/29/25 09:00	08/30/25 17:53	1
Barium	<0.000660		0.00200	0.000660	mg/L		08/29/25 09:00	08/30/25 17:53	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		08/29/25 09:00	08/30/25 17:53	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		08/29/25 09:00	08/30/25 17:53	1
Chromium	<0.00180		0.00500	0.00180	mg/L		08/29/25 09:00	08/30/25 17:53	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 310-465115/1-A
Matrix: Water
Analysis Batch: 465295

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 465115

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	<0.000170		0.000500	0.000170	mg/L		08/29/25 09:00	08/30/25 17:53	1
Copper	<0.00320		0.00500	0.00320	mg/L		08/29/25 09:00	08/30/25 17:53	1
Lead	<0.000330		0.000500	0.000330	mg/L		08/29/25 09:00	08/30/25 17:53	1
Nickel	<0.00230		0.00500	0.00230	mg/L		08/29/25 09:00	08/30/25 17:53	1
Selenium	<0.00140		0.00500	0.00140	mg/L		08/29/25 09:00	08/30/25 17:53	1
Silver	<0.000500		0.00100	0.000500	mg/L		08/29/25 09:00	08/30/25 17:53	1
Thallium	<0.000570		0.00100	0.000570	mg/L		08/29/25 09:00	08/30/25 17:53	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		08/29/25 09:00	08/30/25 17:53	1
Zinc	<0.0130		0.0200	0.0130	mg/L		08/29/25 09:00	08/30/25 17:53	1
Tin	<0.00250		0.00500	0.00250	mg/L		08/29/25 09:00	08/30/25 17:53	1

Lab Sample ID: LCS 310-465115/2-A
Matrix: Water
Analysis Batch: 465295

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 465115

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.200	0.2091		mg/L		105	80 - 120
Arsenic	0.200	0.1994		mg/L		100	80 - 120
Barium	0.100	0.09786		mg/L		98	80 - 120
Beryllium	0.100	0.1050		mg/L		105	80 - 120
Cadmium	0.100	0.09947		mg/L		99	80 - 120
Chromium	0.100	0.1016		mg/L		102	80 - 120
Cobalt	0.100	0.1069		mg/L		107	80 - 120
Copper	0.200	0.2176		mg/L		109	80 - 120
Lead	0.200	0.2075		mg/L		104	80 - 120
Nickel	0.200	0.2046		mg/L		102	80 - 120
Selenium	0.400	0.3929		mg/L		98	80 - 120
Silver	0.100	0.1143		mg/L		114	80 - 120
Thallium	0.100	0.1069		mg/L		107	80 - 120
Vanadium	0.100	0.09900		mg/L		99	80 - 120
Zinc	0.200	0.1940		mg/L		97	80 - 120
Tin	0.200	0.1936		mg/L		97	80 - 120

Lab Sample ID: 310-314057-A-42-B MS
Matrix: Water
Analysis Batch: 465295

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 465115

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.00100		0.200	0.2097		mg/L		105	75 - 125
Arsenic	<0.000530		0.200	0.1975		mg/L		99	75 - 125
Barium	<0.000660		0.100	0.09490		mg/L		95	75 - 125
Beryllium	<0.000330		0.100	0.1043		mg/L		104	75 - 125
Cadmium	<0.000100		0.100	0.09991		mg/L		100	75 - 125
Chromium	<0.00180		0.100	0.09985		mg/L		100	75 - 125
Cobalt	<0.000170		0.100	0.1064		mg/L		106	75 - 125
Copper	<0.00320		0.200	0.2153		mg/L		108	75 - 125
Lead	<0.000330		0.200	0.2032		mg/L		102	75 - 125
Nickel	<0.00230		0.200	0.2000		mg/L		100	75 - 125
Selenium	<0.00140		0.400	0.4045		mg/L		101	75 - 125

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 310-314057-A-42-B MS — **Client Sample ID: Matrix Spike**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 465295 — **Prep Batch: 465115**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Silver	<0.000500		0.100	0.1167		mg/L		117	75 - 125
Thallium	<0.000570		0.100	0.09697		mg/L		97	75 - 125
Vanadium	<0.00170		0.100	0.09786		mg/L		98	75 - 125
Zinc	<0.0130		0.200	0.1952		mg/L		98	75 - 125
Tin	<0.00250		0.200	0.1960		mg/L		98	75 - 125

Lab Sample ID: 310-314057-A-42-C MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 465295 — **Prep Batch: 465115**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.00100		0.200	0.2101		mg/L		105	75 - 125	0	20
Arsenic	<0.000530		0.200	0.1989		mg/L		99	75 - 125	1	20
Barium	<0.000660		0.100	0.09627		mg/L		96	75 - 125	1	20
Beryllium	<0.000330		0.100	0.1051		mg/L		105	75 - 125	1	20
Cadmium	<0.000100		0.100	0.1004		mg/L		100	75 - 125	1	20
Chromium	<0.00180		0.100	0.1011		mg/L		101	75 - 125	1	20
Cobalt	<0.000170		0.100	0.1065		mg/L		106	75 - 125	0	20
Copper	<0.00320		0.200	0.2186		mg/L		109	75 - 125	2	20
Lead	<0.000330		0.200	0.2031		mg/L		102	75 - 125	0	20
Nickel	<0.00230		0.200	0.2025		mg/L		101	75 - 125	1	20
Selenium	<0.00140		0.400	0.4064		mg/L		102	75 - 125	0	20
Silver	<0.000500		0.100	0.1181		mg/L		118	75 - 125	1	20
Thallium	<0.000570		0.100	0.09969		mg/L		100	75 - 125	3	20
Vanadium	<0.00170		0.100	0.09900		mg/L		99	75 - 125	1	20
Zinc	<0.0130		0.200	0.1972		mg/L		99	75 - 125	1	20
Tin	<0.00250		0.200	0.1969		mg/L		98	75 - 125	0	20

Lab Sample ID: 310-314242-A-2-B DU — **Client Sample ID: Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 465295 — **Prep Batch: 465115**

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Antimony	<0.00100		<0.00100		mg/L		NC	20
Arsenic	0.00600		0.005938		mg/L		1	20
Barium	0.313		0.3132		mg/L		0	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	0.00137		0.001382		mg/L		1	20
Copper	<0.00320		<0.00320		mg/L		NC	20
Lead	<0.000330		<0.000330		mg/L		NC	20
Nickel	0.00355	J	0.003884	J	mg/L		9	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	0.00352	J	0.003455	J	mg/L		2	20
Zinc	<0.0130		<0.0130		mg/L		NC	20
Tin	<0.00250		<0.00250		mg/L		NC	20

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 310-465116/1-A
Matrix: Water
Analysis Batch: 465295

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 465116

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		08/29/25 09:00	08/30/25 19:22	1
Arsenic	<0.000530		0.00200	0.000530	mg/L		08/29/25 09:00	08/30/25 19:22	1
Barium	<0.000660		0.00200	0.000660	mg/L		08/29/25 09:00	08/30/25 19:22	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		08/29/25 09:00	08/30/25 19:22	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		08/29/25 09:00	08/30/25 19:22	1
Chromium	<0.00180		0.00500	0.00180	mg/L		08/29/25 09:00	08/30/25 19:22	1
Cobalt	<0.000170		0.000500	0.000170	mg/L		08/29/25 09:00	08/30/25 19:22	1
Copper	<0.00320		0.00500	0.00320	mg/L		08/29/25 09:00	08/30/25 19:22	1
Lead	<0.000330		0.000500	0.000330	mg/L		08/29/25 09:00	08/30/25 19:22	1
Nickel	<0.00230		0.00500	0.00230	mg/L		08/29/25 09:00	08/30/25 19:22	1
Selenium	<0.00140		0.00500	0.00140	mg/L		08/29/25 09:00	08/30/25 19:22	1
Silver	<0.000500		0.00100	0.000500	mg/L		08/29/25 09:00	08/30/25 19:22	1
Thallium	<0.000570		0.00100	0.000570	mg/L		08/29/25 09:00	08/30/25 19:22	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		08/29/25 09:00	08/30/25 19:22	1
Zinc	<0.0130		0.0200	0.0130	mg/L		08/29/25 09:00	08/30/25 19:22	1
Tin	<0.00250		0.00500	0.00250	mg/L		08/29/25 09:00	08/30/25 19:22	1

Lab Sample ID: LCS 310-465116/2-A
Matrix: Water
Analysis Batch: 465295

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 465116

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.200	0.1983		mg/L		99	80 - 120
Arsenic	0.200	0.1939		mg/L		97	80 - 120
Barium	0.100	0.09496		mg/L		95	80 - 120
Beryllium	0.100	0.1027		mg/L		103	80 - 120
Cadmium	0.100	0.09648		mg/L		96	80 - 120
Chromium	0.100	0.09949		mg/L		99	80 - 120
Cobalt	0.100	0.1075		mg/L		108	80 - 120
Copper	0.200	0.2154		mg/L		108	80 - 120
Lead	0.200	0.2025		mg/L		101	80 - 120
Nickel	0.200	0.1998		mg/L		100	80 - 120
Selenium	0.400	0.3906		mg/L		98	80 - 120
Silver	0.100	0.1170		mg/L		117	80 - 120
Thallium	0.100	0.1055		mg/L		105	80 - 120
Vanadium	0.100	0.09792		mg/L		98	80 - 120
Zinc	0.200	0.1881		mg/L		94	80 - 120
Tin	0.200	0.1947		mg/L		97	80 - 120

Lab Sample ID: 310-314248-2 MS
Matrix: Water
Analysis Batch: 465295

Client Sample ID: GU-L_25_08
Prep Type: Total/NA
Prep Batch: 465116

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.00100		0.200	0.2140		mg/L		107	75 - 125
Arsenic	0.000774	J	0.200	0.2094		mg/L		104	75 - 125
Barium	0.0100		0.100	0.1056		mg/L		96	75 - 125
Beryllium	<0.000330		0.100	0.09728		mg/L		97	75 - 125
Cadmium	<0.000100		0.100	0.09776		mg/L		98	75 - 125

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 310-314248-2 MS
Matrix: Water
Analysis Batch: 465295

Client Sample ID: GU-L_25_08
Prep Type: Total/NA
Prep Batch: 465116

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chromium	<0.00180		0.100	0.09804		mg/L		98	75 - 125		
Cobalt	<0.000170		0.100	0.1009		mg/L		101	75 - 125		
Copper	<0.00320		0.200	0.2067		mg/L		103	75 - 125		
Lead	<0.000330		0.200	0.2009		mg/L		100	75 - 125		
Nickel	<0.00230		0.200	0.2008		mg/L		100	75 - 125		
Selenium	<0.00140		0.400	0.4083		mg/L		102	75 - 125		
Silver	<0.000500		0.100	0.1112		mg/L		111	75 - 125		
Thallium	<0.000570		0.100	0.09900		mg/L		99	75 - 125		
Vanadium	<0.00170		0.100	0.09773		mg/L		98	75 - 125		
Zinc	<0.0130		0.200	0.1959		mg/L		98	75 - 125		
Tin	<0.00250		0.200	0.1916		mg/L		96	75 - 125		

Lab Sample ID: 310-314248-2 MSD
Matrix: Water
Analysis Batch: 465295

Client Sample ID: GU-L_25_08
Prep Type: Total/NA
Prep Batch: 465116

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.00100		0.200	0.2206		mg/L		110	75 - 125	3	20
Arsenic	0.000774	J	0.200	0.2143		mg/L		107	75 - 125	2	20
Barium	0.0100		0.100	0.1083		mg/L		98	75 - 125	3	20
Beryllium	<0.000330		0.100	0.09893		mg/L		99	75 - 125	2	20
Cadmium	<0.000100		0.100	0.1002		mg/L		100	75 - 125	2	20
Chromium	<0.00180		0.100	0.1001		mg/L		100	75 - 125	2	20
Cobalt	<0.000170		0.100	0.1048		mg/L		105	75 - 125	4	20
Copper	<0.00320		0.200	0.2113		mg/L		106	75 - 125	2	20
Lead	<0.000330		0.200	0.2056		mg/L		103	75 - 125	2	20
Nickel	<0.00230		0.200	0.2058		mg/L		103	75 - 125	2	20
Selenium	<0.00140		0.400	0.4096		mg/L		102	75 - 125	0	20
Silver	<0.000500		0.100	0.1117		mg/L		112	75 - 125	0	20
Thallium	<0.000570		0.100	0.09861		mg/L		99	75 - 125	0	20
Vanadium	<0.00170		0.100	0.09982		mg/L		100	75 - 125	2	20
Zinc	<0.0130		0.200	0.2007		mg/L		100	75 - 125	2	20
Tin	<0.00250		0.200	0.1935		mg/L		97	75 - 125	1	20

Lab Sample ID: 310-314248-12 DU
Matrix: Water
Analysis Batch: 465295

Client Sample ID: MW-501_25_08
Prep Type: Total/NA
Prep Batch: 465116

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Antimony	<0.00100		<0.00100		mg/L		NC	20
Arsenic	<0.000530		<0.000530		mg/L		NC	20
Barium	0.0187		0.01908		mg/L		2	20
Beryllium	<0.000330		<0.000330		mg/L		NC	20
Cadmium	0.000161	J	0.0001290	J F5	mg/L		22	20
Chromium	<0.00180		<0.00180		mg/L		NC	20
Cobalt	0.00724		0.007288		mg/L		0.7	20
Copper	<0.00320		<0.00320		mg/L		NC	20
Lead	<0.000330		<0.000330		mg/L		NC	20
Nickel	0.0184		0.01862		mg/L		1	20

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 310-314248-12 DU
Matrix: Water
Analysis Batch: 465295

Client Sample ID: MW-501_25_08
Prep Type: Total/NA
Prep Batch: 465116

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
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
Tin	<0.00250		<0.00250		mg/L		NC	20

Lab Sample ID: MB 310-465264/1-A
Matrix: Water
Analysis Batch: 465579

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 465264

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		09/02/25 09:00	09/03/25 16:37	1
Arsenic	<0.000530		0.00200	0.000530	mg/L		09/02/25 09:00	09/03/25 16:37	1
Barium	<0.000660		0.00200	0.000660	mg/L		09/02/25 09:00	09/03/25 16:37	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		09/02/25 09:00	09/03/25 16:37	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		09/02/25 09:00	09/03/25 16:37	1
Chromium	<0.00180		0.00500	0.00180	mg/L		09/02/25 09:00	09/03/25 16:37	1
Cobalt	<0.000170		0.000500	0.000170	mg/L		09/02/25 09:00	09/03/25 16:37	1
Copper	<0.00320		0.00500	0.00320	mg/L		09/02/25 09:00	09/03/25 16:37	1
Lead	<0.000330		0.000500	0.000330	mg/L		09/02/25 09:00	09/03/25 16:37	1
Nickel	<0.00230		0.00500	0.00230	mg/L		09/02/25 09:00	09/03/25 16:37	1
Selenium	<0.00140		0.00500	0.00140	mg/L		09/02/25 09:00	09/03/25 16:37	1
Silver	<0.000500		0.00100	0.000500	mg/L		09/02/25 09:00	09/03/25 16:37	1
Thallium	<0.000570		0.00100	0.000570	mg/L		09/02/25 09:00	09/03/25 16:37	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		09/02/25 09:00	09/03/25 16:37	1
Zinc	<0.0130		0.0200	0.0130	mg/L		09/02/25 09:00	09/03/25 16:37	1
Tin	<0.00250		0.00500	0.00250	mg/L		09/02/25 09:00	09/03/25 16:37	1

Lab Sample ID: LCS 310-465264/2-A
Matrix: Water
Analysis Batch: 465579

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 465264

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.200	0.1964		mg/L		98	80 - 120
Arsenic	0.200	0.1877		mg/L		94	80 - 120
Barium	0.100	0.09158		mg/L		92	80 - 120
Beryllium	0.100	0.09410		mg/L		94	80 - 120
Cadmium	0.100	0.09170		mg/L		92	80 - 120
Chromium	0.100	0.09254		mg/L		93	80 - 120
Cobalt	0.100	0.09546		mg/L		95	80 - 120
Copper	0.200	0.1974		mg/L		99	80 - 120
Lead	0.200	0.1801		mg/L		90	80 - 120
Nickel	0.200	0.1778		mg/L		89	80 - 120
Selenium	0.400	0.3592		mg/L		90	80 - 120
Silver	0.100	0.1085		mg/L		109	80 - 120
Thallium	0.100	0.09085		mg/L		91	80 - 120
Vanadium	0.100	0.09015		mg/L		90	80 - 120
Zinc	0.200	0.1835		mg/L		92	80 - 120

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 310-465264/2-A
Matrix: Water
Analysis Batch: 465579

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 465264

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Tin			0.200	0.1873		mg/L		94	80 - 120		

Lab Sample ID: 310-314248-22 MS
Matrix: Water
Analysis Batch: 465579

Client Sample ID: MW-214_25_08
Prep Type: Total/NA
Prep Batch: 465264

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Antimony	<0.00100		0.200	0.2044		mg/L		102	75 - 125		
Arsenic	<0.000530		0.200	0.1928		mg/L		96	75 - 125		
Barium	0.0570		0.100	0.1466		mg/L		90	75 - 125		
Beryllium	<0.000330		0.100	0.09705		mg/L		97	75 - 125		
Cadmium	<0.000100		0.100	0.09107		mg/L		91	75 - 125		
Chromium	<0.00180		0.100	0.09121		mg/L		91	75 - 125		
Cobalt	<0.000170		0.100	0.09469		mg/L		95	75 - 125		
Copper	<0.00320		0.200	0.1876		mg/L		94	75 - 125		
Lead	<0.000330		0.200	0.1825		mg/L		91	75 - 125		
Nickel	<0.00230		0.200	0.1787		mg/L		89	75 - 125		
Selenium	0.00358	J	0.400	0.3731		mg/L		92	75 - 125		
Silver	0.00140		0.100	0.1047		mg/L		103	75 - 125		
Thallium	<0.000570		0.100	0.08671		mg/L		87	75 - 125		
Vanadium	<0.00170		0.100	0.09126		mg/L		91	75 - 125		
Zinc	<0.0130		0.200	0.1897		mg/L		95	75 - 125		
Tin	<0.00250		0.200	0.1887		mg/L		94	75 - 125		

Lab Sample ID: 310-314248-22 MSD
Matrix: Water
Analysis Batch: 465579

Client Sample ID: MW-214_25_08
Prep Type: Total/NA
Prep Batch: 465264

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.00100		0.200	0.2023		mg/L		101	75 - 125	1	20
Arsenic	<0.000530		0.200	0.1916		mg/L		96	75 - 125	1	20
Barium	0.0570		0.100	0.1488		mg/L		92	75 - 125	1	20
Beryllium	<0.000330		0.100	0.09648		mg/L		96	75 - 125	1	20
Cadmium	<0.000100		0.100	0.09289		mg/L		93	75 - 125	2	20
Chromium	<0.00180		0.100	0.09143		mg/L		91	75 - 125	0	20
Cobalt	<0.000170		0.100	0.09318		mg/L		93	75 - 125	2	20
Copper	<0.00320		0.200	0.1885		mg/L		94	75 - 125	0	20
Lead	<0.000330		0.200	0.1841		mg/L		92	75 - 125	1	20
Nickel	<0.00230		0.200	0.1781		mg/L		89	75 - 125	0	20
Selenium	0.00358	J	0.400	0.3725		mg/L		92	75 - 125	0	20
Silver	0.00140		0.100	0.1028		mg/L		101	75 - 125	2	20
Thallium	<0.000570		0.100	0.09044		mg/L		90	75 - 125	4	20
Vanadium	<0.00170		0.100	0.09224		mg/L		92	75 - 125	1	20
Zinc	<0.0130		0.200	0.1823		mg/L		91	75 - 125	4	20
Tin	<0.00250		0.200	0.1838		mg/L		92	75 - 125	3	20

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 310-314310-A-8-B DU
Matrix: Water
Analysis Batch: 465579

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 465264

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Antimony	<0.00100			0.001273	J	mg/L				NC	20
Arsenic	0.000720	J		0.0007460	J	mg/L				4	20
Barium	0.0160			0.01559		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	<0.000170			<0.000170		mg/L				NC	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	0.0327			0.03199		mg/L				2	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
Tin	<0.00250			0.003329	J	mg/L				NC	20

Method: I-3765-85 - Residue, Non-filterable (TSS)

Lab Sample ID: MB 310-465091/1
Matrix: Water
Analysis Batch: 465091

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			08/28/25 13:48	1

Lab Sample ID: LCS 310-465091/2
Matrix: Water
Analysis Batch: 465091

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	90.00		mg/L		90	82 - 117		

Lab Sample ID: 310-314163-B-2 DU
Matrix: Water
Analysis Batch: 465091

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Suspended Solids	36.0			40.00		mg/L				11	35

Lab Sample ID: 310-314292-A-2 DU
Matrix: Water
Analysis Batch: 465091

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Suspended Solids	36.0			36.00		mg/L				0	35

Method: I-3765-85 - Residue, Non-filterable (TSS) (Continued)

Lab Sample ID: MB 310-465099/1
Matrix: Water
Analysis Batch: 465099

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			08/28/25 14:40	1

Lab Sample ID: LCS 310-465099/2
Matrix: Water
Analysis Batch: 465099

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	89.00		mg/L		89	82 - 117

Lab Sample ID: 310-314147-B-2 DU
Matrix: Water
Analysis Batch: 465099

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Suspended Solids	66.0		64.00		mg/L		3	35

Lab Sample ID: MB 310-465189/1
Matrix: Water
Analysis Batch: 465189

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			08/29/25 10:39	1

Lab Sample ID: LCS 310-465189/2
Matrix: Water
Analysis Batch: 465189

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

Lab Sample ID: 310-314221-B-1 DU
Matrix: Water
Analysis Batch: 465189

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Suspended Solids	112		108.0		mg/L		4	35

Lab Sample ID: MB 310-465212/1
Matrix: Water
Analysis Batch: 465212

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			08/29/25 11:40	1

Lab Sample ID: LCS 310-465212/2
Matrix: Water
Analysis Batch: 465212

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	107.0		mg/L		107	82 - 117

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-314248-1
SDG: 25C051_25_08

Method: I-3765-85 - Residue, Non-filterable (TSS)

Lab Sample ID: 310-314307-G-1 DU
Matrix: Water
Analysis Batch: 465212

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Suspended Solids	<3.50			<3.50		mg/L				NC	35

GC/MS VOA

Analysis Batch: 465030

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-314248-1	GU-1_25_08	Total/NA	Water	8260D	
310-314248-2	GU-L_25_08	Total/NA	Water	8260D	
310-314248-3	GU-O_25_08	Total/NA	Water	8260D	
310-314248-4	GU-P_25_08	Total/NA	Water	8260D	
310-314248-5	MW-9AR_25_08	Total/NA	Water	8260D	
310-314248-6	MW-24_25_08	Total/NA	Water	8260D	
310-314248-7	MW-26A_25_08	Total/NA	Water	8260D	
310-314248-8	MW-201B_25_08	Total/NA	Water	8260D	
310-314248-9	MW-303_25_08	Total/NA	Water	8260D	
310-314248-10	MW-304R_25_08	Total/NA	Water	8260D	
310-314248-11	MW-305_25_08	Total/NA	Water	8260D	
310-314248-12	MW-501_25_08	Total/NA	Water	8260D	
310-314248-13	MW-502_25_08	Total/NA	Water	8260D	
310-314248-14	FD-1_25_08	Total/NA	Water	8260D	
310-314248-15	FD-2_25_08	Total/NA	Water	8260D	
310-314248-16	FB-1_25_08	Total/NA	Water	8260D	
310-314248-17	TB-1_25_08	Total/NA	Water	8260D	
MB 310-465030/8	Method Blank	Total/NA	Water	8260D	
LCS 310-465030/11	Lab Control Sample	Total/NA	Water	8260D	
LCS 310-465030/9	Lab Control Sample	Total/NA	Water	8260D	
310-314248-1 MS	GU-1_25_08	Total/NA	Water	8260D	
310-314248-1 MSD	GU-1_25_08	Total/NA	Water	8260D	

Analysis Batch: 465036

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-314248-18	MW-204A_25_08	Total/NA	Water	8260D	
310-314248-19	MW-204B_25_08	Total/NA	Water	8260D	
310-314248-20	MW-213A_25_08	Total/NA	Water	8260D	
310-314248-21	MW-213B_25_08	Total/NA	Water	8260D	
310-314248-22	MW-214_25_08	Total/NA	Water	8260D	
310-314248-23	MW-215_25_08	Total/NA	Water	8260D	
310-314248-24	MW-218_25_08	Total/NA	Water	8260D	
MB 310-465036/6	Method Blank	Total/NA	Water	8260D	
LCS 310-465036/7	Lab Control Sample	Total/NA	Water	8260D	
LCS 310-465036/8	Lab Control Sample	Total/NA	Water	8260D	
310-314160-AD-1 MS	Matrix Spike	Total/NA	Water	8260D	
310-314160-AD-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8260D	

GC Semi VOA

Prep Batch: 465157

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-314248-5	MW-9AR_25_08	Total/NA	Water	3511	
310-314248-8	MW-201B_25_08	Total/NA	Water	3511	
310-314248-9	MW-303_25_08	Total/NA	Water	3511	
310-314248-16	FB-1_25_08	Total/NA	Water	3511	

Analysis Batch: 465604

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-314248-5	MW-9AR_25_08	Total/NA	Water	8081B	465157
310-314248-8	MW-201B_25_08	Total/NA	Water	8081B	465157

GC Semi VOA (Continued)

Analysis Batch: 465604 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-314248-9	MW-303_25_08	Total/NA	Water	8081B	465157
310-314248-16	FB-1_25_08	Total/NA	Water	8081B	465157

Leach Batch: 831854

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 500-831854/1-C	Method Blank	Total/NA	Water	1311	
500-273710-H-1-E MS	Matrix Spike	TCLP	Water	1311	

Leach Batch: 831974

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB3 500-831974/1-B	Method Blank	Total/NA	Water	1311	
310-313792-C-9-C MS	Matrix Spike	TCLP	Water	1311	

Prep Batch: 832021

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-314248-5	MW-9AR_25_08	Total/NA	Water	8151A	
310-314248-8	MW-201B_25_08	Total/NA	Water	8151A	
LB3 500-831974/1-B	Method Blank	Total/NA	Water	8151A	831974
MB 500-832021/1-A	Method Blank	Total/NA	Water	8151A	
LCS 500-832021/2-A	Lab Control Sample	Total/NA	Water	8151A	
LCSD 500-832021/7-A	Lab Control Sample Dup	Total/NA	Water	8151A	
310-313792-C-9-C MS	Matrix Spike	TCLP	Water	8151A	831974

Analysis Batch: 832101

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB3 500-831974/1-B	Method Blank	Total/NA	Water	8151A	832021
MB 500-832021/1-A	Method Blank	Total/NA	Water	8151A	832021
LCS 500-832021/2-A	Lab Control Sample	Total/NA	Water	8151A	832021
310-313792-C-9-C MS	Matrix Spike	TCLP	Water	8151A	832021

Prep Batch: 832144

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-314248-9	MW-303_25_08	Total/NA	Water	8151A	
310-314248-16	FB-1_25_08	Total/NA	Water	8151A	
LB 500-831854/1-C	Method Blank	Total/NA	Water	8151A	831854
MB 500-832144/1-A	Method Blank	Total/NA	Water	8151A	
LCS 500-832144/2-A	Lab Control Sample	Total/NA	Water	8151A	
LCSD 500-832144/3-A	Lab Control Sample Dup	Total/NA	Water	8151A	
500-273710-H-1-E MS	Matrix Spike	TCLP	Water	8151A	831854

Analysis Batch: 832243

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-314248-5	MW-9AR_25_08	Total/NA	Water	8151A	832021
310-314248-8	MW-201B_25_08	Total/NA	Water	8151A	832021
LCSD 500-832021/7-A	Lab Control Sample Dup	Total/NA	Water	8151A	832021

Analysis Batch: 832271

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-314248-9	MW-303_25_08	Total/NA	Water	8151A	832144
310-314248-16	FB-1_25_08	Total/NA	Water	8151A	832144
LB 500-831854/1-C	Method Blank	Total/NA	Water	8151A	832144

GC Semi VOA (Continued)

Analysis Batch: 832271 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 500-832144/1-A	Method Blank	Total/NA	Water	8151A	832144
LCS 500-832144/2-A	Lab Control Sample	Total/NA	Water	8151A	832144
LCSD 500-832144/3-A	Lab Control Sample Dup	Total/NA	Water	8151A	832144
500-273710-H-1-E MS	Matrix Spike	TCLP	Water	8151A	832144

Metals

Prep Batch: 465115

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-314248-1	GU-1_25_08	Total/NA	Water	3005A	
MB 310-465115/1-A	Method Blank	Total/NA	Water	3005A	
LCS 310-465115/2-A	Lab Control Sample	Total/NA	Water	3005A	
310-314057-A-42-B MS	Matrix Spike	Total/NA	Water	3005A	
310-314057-A-42-C MSD	Matrix Spike Duplicate	Total/NA	Water	3005A	
310-314242-A-2-B DU	Duplicate	Total/NA	Water	3005A	

Prep Batch: 465116

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-314248-2	GU-L_25_08	Total/NA	Water	3005A	
310-314248-3	GU-O_25_08	Total/NA	Water	3005A	
310-314248-4	GU-P_25_08	Total/NA	Water	3005A	
310-314248-5	MW-9AR_25_08	Total/NA	Water	3005A	
310-314248-6	MW-24_25_08	Total/NA	Water	3005A	
310-314248-7	MW-26A_25_08	Total/NA	Water	3005A	
310-314248-8	MW-201B_25_08	Total/NA	Water	3005A	
310-314248-9	MW-303_25_08	Total/NA	Water	3005A	
310-314248-10	MW-304R_25_08	Total/NA	Water	3005A	
310-314248-11	MW-305_25_08	Total/NA	Water	3005A	
310-314248-12	MW-501_25_08	Total/NA	Water	3005A	
310-314248-13	MW-502_25_08	Total/NA	Water	3005A	
310-314248-14	FD-1_25_08	Total/NA	Water	3005A	
310-314248-15	FD-2_25_08	Total/NA	Water	3005A	
310-314248-16	FB-1_25_08	Total/NA	Water	3005A	
310-314248-18	MW-204A_25_08	Total/NA	Water	3005A	
310-314248-19	MW-204B_25_08	Total/NA	Water	3005A	
310-314248-20	MW-213A_25_08	Total/NA	Water	3005A	
310-314248-21	MW-213B_25_08	Total/NA	Water	3005A	
MB 310-465116/1-A	Method Blank	Total/NA	Water	3005A	
LCS 310-465116/2-A	Lab Control Sample	Total/NA	Water	3005A	
310-314248-2 MS	GU-L_25_08	Total/NA	Water	3005A	
310-314248-2 MSD	GU-L_25_08	Total/NA	Water	3005A	
310-314248-12 DU	MW-501_25_08	Total/NA	Water	3005A	

Prep Batch: 465264

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-314248-22	MW-214_25_08	Total/NA	Water	3005A	
310-314248-23	MW-215_25_08	Total/NA	Water	3005A	
310-314248-24	MW-218_25_08	Total/NA	Water	3005A	
MB 310-465264/1-A	Method Blank	Total/NA	Water	3005A	
LCS 310-465264/2-A	Lab Control Sample	Total/NA	Water	3005A	
310-314248-22 MS	MW-214_25_08	Total/NA	Water	3005A	

Metals (Continued)

Prep Batch: 465264 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-314248-22 MSD	MW-214_25_08	Total/NA	Water	3005A	
310-314310-A-8-B DU	Duplicate	Total/NA	Water	3005A	

Analysis Batch: 465295

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-314248-1	GU-1_25_08	Total/NA	Water	6020B	465115
310-314248-2	GU-L_25_08	Total/NA	Water	6020B	465116
310-314248-3	GU-O_25_08	Total/NA	Water	6020B	465116
310-314248-4	GU-P_25_08	Total/NA	Water	6020B	465116
310-314248-5	MW-9AR_25_08	Total/NA	Water	6020B	465116
310-314248-6	MW-24_25_08	Total/NA	Water	6020B	465116
310-314248-7	MW-26A_25_08	Total/NA	Water	6020B	465116
310-314248-8	MW-201B_25_08	Total/NA	Water	6020B	465116
310-314248-9	MW-303_25_08	Total/NA	Water	6020B	465116
310-314248-10	MW-304R_25_08	Total/NA	Water	6020B	465116
310-314248-11	MW-305_25_08	Total/NA	Water	6020B	465116
310-314248-12	MW-501_25_08	Total/NA	Water	6020B	465116
310-314248-13	MW-502_25_08	Total/NA	Water	6020B	465116
310-314248-14	FD-1_25_08	Total/NA	Water	6020B	465116
310-314248-15	FD-2_25_08	Total/NA	Water	6020B	465116
310-314248-16	FB-1_25_08	Total/NA	Water	6020B	465116
310-314248-18	MW-204A_25_08	Total/NA	Water	6020B	465116
310-314248-19	MW-204B_25_08	Total/NA	Water	6020B	465116
310-314248-20	MW-213A_25_08	Total/NA	Water	6020B	465116
310-314248-21	MW-213B_25_08	Total/NA	Water	6020B	465116
MB 310-465115/1-A	Method Blank	Total/NA	Water	6020B	465115
MB 310-465116/1-A	Method Blank	Total/NA	Water	6020B	465116
LCS 310-465115/2-A	Lab Control Sample	Total/NA	Water	6020B	465115
LCS 310-465116/2-A	Lab Control Sample	Total/NA	Water	6020B	465116
310-314057-A-42-B MS	Matrix Spike	Total/NA	Water	6020B	465115
310-314057-A-42-C MSD	Matrix Spike Duplicate	Total/NA	Water	6020B	465115
310-314248-2 MS	GU-L_25_08	Total/NA	Water	6020B	465116
310-314248-2 MSD	GU-L_25_08	Total/NA	Water	6020B	465116
310-314242-A-2-B DU	Duplicate	Total/NA	Water	6020B	465115
310-314248-12 DU	MW-501_25_08	Total/NA	Water	6020B	465116

Analysis Batch: 465579

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-314248-22	MW-214_25_08	Total/NA	Water	6020B	465264
310-314248-23	MW-215_25_08	Total/NA	Water	6020B	465264
310-314248-24	MW-218_25_08	Total/NA	Water	6020B	465264
MB 310-465264/1-A	Method Blank	Total/NA	Water	6020B	465264
LCS 310-465264/2-A	Lab Control Sample	Total/NA	Water	6020B	465264
310-314248-22 MS	MW-214_25_08	Total/NA	Water	6020B	465264
310-314248-22 MSD	MW-214_25_08	Total/NA	Water	6020B	465264
310-314310-A-8-B DU	Duplicate	Total/NA	Water	6020B	465264

General Chemistry

Analysis Batch: 465091

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-314248-1	GU-1_25_08	Total/NA	Water	I-3765-85	
310-314248-2	GU-L_25_08	Total/NA	Water	I-3765-85	
310-314248-3	GU-O_25_08	Total/NA	Water	I-3765-85	
310-314248-4	GU-P_25_08	Total/NA	Water	I-3765-85	
310-314248-5	MW-9AR_25_08	Total/NA	Water	I-3765-85	
310-314248-8	MW-201B_25_08	Total/NA	Water	I-3765-85	
310-314248-13	MW-502_25_08	Total/NA	Water	I-3765-85	
310-314248-18	MW-204A_25_08	Total/NA	Water	I-3765-85	
310-314248-19	MW-204B_25_08	Total/NA	Water	I-3765-85	
310-314248-20	MW-213A_25_08	Total/NA	Water	I-3765-85	
310-314248-21	MW-213B_25_08	Total/NA	Water	I-3765-85	
310-314248-22	MW-214_25_08	Total/NA	Water	I-3765-85	
310-314248-23	MW-215_25_08	Total/NA	Water	I-3765-85	
310-314248-24	MW-218_25_08	Total/NA	Water	I-3765-85	
MB 310-465091/1	Method Blank	Total/NA	Water	I-3765-85	
LCS 310-465091/2	Lab Control Sample	Total/NA	Water	I-3765-85	
310-314163-B-2 DU	Duplicate	Total/NA	Water	I-3765-85	
310-314292-A-2 DU	Duplicate	Total/NA	Water	I-3765-85	

Analysis Batch: 465099

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-314248-6	MW-24_25_08	Total/NA	Water	I-3765-85	
MB 310-465099/1	Method Blank	Total/NA	Water	I-3765-85	
LCS 310-465099/2	Lab Control Sample	Total/NA	Water	I-3765-85	
310-314147-B-2 DU	Duplicate	Total/NA	Water	I-3765-85	

Analysis Batch: 465189

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-314248-7	MW-26A_25_08	Total/NA	Water	I-3765-85	
310-314248-9	MW-303_25_08	Total/NA	Water	I-3765-85	
310-314248-10	MW-304R_25_08	Total/NA	Water	I-3765-85	
310-314248-11	MW-305_25_08	Total/NA	Water	I-3765-85	
310-314248-12	MW-501_25_08	Total/NA	Water	I-3765-85	
310-314248-16	FB-1_25_08	Total/NA	Water	I-3765-85	
MB 310-465189/1	Method Blank	Total/NA	Water	I-3765-85	
LCS 310-465189/2	Lab Control Sample	Total/NA	Water	I-3765-85	
310-314221-B-1 DU	Duplicate	Total/NA	Water	I-3765-85	

Analysis Batch: 465212

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-314248-14	FD-1_25_08	Total/NA	Water	I-3765-85	
310-314248-15	FD-2_25_08	Total/NA	Water	I-3765-85	
MB 310-465212/1	Method Blank	Total/NA	Water	I-3765-85	
LCS 310-465212/2	Lab Control Sample	Total/NA	Water	I-3765-85	
310-314307-G-1 DU	Duplicate	Total/NA	Water	I-3765-85	

Lab Chronicle

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-314248-1
SDG: 25C051_25_08

Client Sample ID: GU-1_25_08

Lab Sample ID: 310-314248-1

Date Collected: 08/25/25 16:30
Date Received: 08/27/25 16:30

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	465030	WSE8	EET CF	08/28/25 18:47
Total/NA	Prep	3005A			465115	QTZ5	EET CF	08/29/25 09:00
Total/NA	Analysis	6020B		1	465295	ZRI4	EET CF	08/30/25 19:16
Total/NA	Analysis	I-3765-85		1	465091	HE7K	EET CF	08/28/25 13:48

Client Sample ID: GU-L_25_08

Lab Sample ID: 310-314248-2

Date Collected: 08/25/25 16:05
Date Received: 08/27/25 16:30

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	465030	WSE8	EET CF	08/28/25 19:09
Total/NA	Prep	3005A			465116	QTZ5	EET CF	08/29/25 09:00
Total/NA	Analysis	6020B		1	465295	ZRI4	EET CF	08/30/25 19:27
Total/NA	Analysis	I-3765-85		1	465091	HE7K	EET CF	08/28/25 13:48

Client Sample ID: GU-O_25_08

Lab Sample ID: 310-314248-3

Date Collected: 08/25/25 17:40
Date Received: 08/27/25 16:30

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	465030	WSE8	EET CF	08/28/25 19:31
Total/NA	Prep	3005A			465116	QTZ5	EET CF	08/29/25 09:00
Total/NA	Analysis	6020B		1	465295	ZRI4	EET CF	08/30/25 19:35
Total/NA	Analysis	I-3765-85		1	465091	HE7K	EET CF	08/28/25 13:48

Client Sample ID: GU-P_25_08

Lab Sample ID: 310-314248-4

Date Collected: 08/25/25 17:15
Date Received: 08/27/25 16:30

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	465030	WSE8	EET CF	08/28/25 19:53
Total/NA	Prep	3005A			465116	QTZ5	EET CF	08/29/25 09:00
Total/NA	Analysis	6020B		1	465295	ZRI4	EET CF	08/30/25 19:38
Total/NA	Analysis	I-3765-85		1	465091	HE7K	EET CF	08/28/25 13:48

Client Sample ID: MW-9AR_25_08

Lab Sample ID: 310-314248-5

Date Collected: 08/25/25 15:25
Date Received: 08/27/25 16:30

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	465030	WSE8	EET CF	08/28/25 20:16
Total/NA	Prep	3511			465157	BW2O	EET CF	08/29/25 08:33
Total/NA	Analysis	8081B		1	465604	BW2O	EET CF	09/04/25 18:18
Total/NA	Prep	8151A			832021	DAK	EET CHI	08/29/25 13:49
Total/NA	Analysis	8151A		1	832243	H7CM	EET CHI	09/02/25 13:10

Client Sample ID: MW-9AR_25_08

Lab Sample ID: 310-314248-5

Date Collected: 08/25/25 15:25

Matrix: Water

Date Received: 08/27/25 16:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3005A			465116	QTZ5	EET CF	08/29/25 09:00
Total/NA	Analysis	6020B		1	465295	ZRI4	EET CF	08/30/25 19:41
Total/NA	Analysis	I-3765-85		1	465091	HE7K	EET CF	08/28/25 13:48

Client Sample ID: MW-24_25_08

Lab Sample ID: 310-314248-6

Date Collected: 08/26/25 15:50

Matrix: Water

Date Received: 08/27/25 16:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	465030	WSE8	EET CF	08/28/25 20:38
Total/NA	Prep	3005A			465116	QTZ5	EET CF	08/29/25 09:00
Total/NA	Analysis	6020B		1	465295	ZRI4	EET CF	08/30/25 19:49
Total/NA	Analysis	I-3765-85		1	465099	HE7K	EET CF	08/28/25 14:40

Client Sample ID: MW-26A_25_08

Lab Sample ID: 310-314248-7

Date Collected: 08/26/25 15:10

Matrix: Water

Date Received: 08/27/25 16:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	465030	WSE8	EET CF	08/28/25 21:00
Total/NA	Prep	3005A			465116	QTZ5	EET CF	08/29/25 09:00
Total/NA	Analysis	6020B		1	465295	ZRI4	EET CF	08/30/25 19:52
Total/NA	Analysis	I-3765-85		1	465189	WZC8	EET CF	08/29/25 10:39

Client Sample ID: MW-201B_25_08

Lab Sample ID: 310-314248-8

Date Collected: 08/25/25 11:40

Matrix: Water

Date Received: 08/27/25 16:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	465030	WSE8	EET CF	08/28/25 21:22
Total/NA	Prep	3511			465157	BW2O	EET CF	08/29/25 08:40
Total/NA	Analysis	8081B		1	465604	BW2O	EET CF	09/04/25 18:31
Total/NA	Prep	8151A			832021	DAK	EET CHI	08/29/25 13:49
Total/NA	Analysis	8151A		1	832243	H7CM	EET CHI	09/02/25 13:28
Total/NA	Prep	3005A			465116	QTZ5	EET CF	08/29/25 09:00
Total/NA	Analysis	6020B		1	465295	ZRI4	EET CF	08/30/25 19:55
Total/NA	Analysis	I-3765-85		1	465091	HE7K	EET CF	08/28/25 13:48

Client Sample ID: MW-303_25_08

Lab Sample ID: 310-314248-9

Date Collected: 08/26/25 14:15

Matrix: Water

Date Received: 08/27/25 16:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	465030	WSE8	EET CF	08/28/25 21:44

Client Sample ID: MW-303_25_08

Lab Sample ID: 310-314248-9

Date Collected: 08/26/25 14:15

Matrix: Water

Date Received: 08/27/25 16:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3511			465157	BW2O	EET CF	08/29/25 08:40
Total/NA	Analysis	8081B		1	465604	BW2O	EET CF	09/04/25 18:44
Total/NA	Prep	8151A			832144	CI	EET CHI	09/02/25 07:26
Total/NA	Analysis	8151A		1	832271	H7CM	EET CHI	09/02/25 19:16
Total/NA	Prep	3005A			465116	QTZ5	EET CF	08/29/25 09:00
Total/NA	Analysis	6020B		1	465295	ZRI4	EET CF	08/30/25 19:58
Total/NA	Analysis	I-3765-85		1	465189	WZC8	EET CF	08/29/25 10:39

Client Sample ID: MW-304R_25_08

Lab Sample ID: 310-314248-10

Date Collected: 08/26/25 16:50

Matrix: Water

Date Received: 08/27/25 16:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	465030	WSE8	EET CF	08/28/25 22:06
Total/NA	Prep	3005A			465116	QTZ5	EET CF	08/29/25 09:00
Total/NA	Analysis	6020B		1	465295	ZRI4	EET CF	08/30/25 20:01
Total/NA	Analysis	I-3765-85		1	465189	WZC8	EET CF	08/29/25 10:39

Client Sample ID: MW-305_25_08

Lab Sample ID: 310-314248-11

Date Collected: 08/26/25 15:05

Matrix: Water

Date Received: 08/27/25 16:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	465030	WSE8	EET CF	08/28/25 22:28
Total/NA	Prep	3005A			465116	QTZ5	EET CF	08/29/25 09:00
Total/NA	Analysis	6020B		1	465295	ZRI4	EET CF	08/30/25 20:04
Total/NA	Analysis	I-3765-85		1	465189	WZC8	EET CF	08/29/25 10:39

Client Sample ID: MW-501_25_08

Lab Sample ID: 310-314248-12

Date Collected: 08/26/25 13:35

Matrix: Water

Date Received: 08/27/25 16:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	465030	WSE8	EET CF	08/28/25 22:50
Total/NA	Prep	3005A			465116	QTZ5	EET CF	08/29/25 09:00
Total/NA	Analysis	6020B		1	465295	ZRI4	EET CF	08/30/25 20:06
Total/NA	Analysis	I-3765-85		1	465189	WZC8	EET CF	08/29/25 10:39

Client Sample ID: MW-502_25_08

Lab Sample ID: 310-314248-13

Date Collected: 08/25/25 13:30

Matrix: Water

Date Received: 08/27/25 16:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	465030	WSE8	EET CF	08/28/25 23:12

Client Sample ID: MW-502_25_08

Lab Sample ID: 310-314248-13

Date Collected: 08/25/25 13:30
Matrix: Water
Date Received: 08/27/25 16:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3005A			465116	QTZ5	EET CF	08/29/25 09:00
Total/NA	Analysis	6020B		1	465295	ZRI4	EET CF	08/30/25 20:12
Total/NA	Analysis	I-3765-85		1	465091	HE7K	EET CF	08/28/25 13:48

Client Sample ID: FD-1_25_08

Lab Sample ID: 310-314248-14

Date Collected: 08/26/25 00:00
Matrix: Water
Date Received: 08/27/25 16:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	465030	WSE8	EET CF	08/28/25 23:34
Total/NA	Prep	3005A			465116	QTZ5	EET CF	08/29/25 09:00
Total/NA	Analysis	6020B		1	465295	ZRI4	EET CF	08/30/25 20:15
Total/NA	Analysis	I-3765-85		1	465212	WZC8	EET CF	08/29/25 11:40

Client Sample ID: FD-2_25_08

Lab Sample ID: 310-314248-15

Date Collected: 08/26/25 00:00
Matrix: Water
Date Received: 08/27/25 16:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	465030	WSE8	EET CF	08/28/25 23:56
Total/NA	Prep	3005A			465116	QTZ5	EET CF	08/29/25 09:00
Total/NA	Analysis	6020B		1	465295	ZRI4	EET CF	08/30/25 20:24
Total/NA	Analysis	I-3765-85		1	465212	WZC8	EET CF	08/29/25 11:40

Client Sample ID: FB-1_25_08

Lab Sample ID: 310-314248-16

Date Collected: 08/26/25 13:55
Matrix: Water
Date Received: 08/27/25 16:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	465030	WSE8	EET CF	08/28/25 16:57
Total/NA	Prep	3511			465157	BW2O	EET CF	08/29/25 08:40
Total/NA	Analysis	8081B		1	465604	BW2O	EET CF	09/04/25 18:57
Total/NA	Prep	8151A			832144	CI	EET CHI	09/02/25 07:26
Total/NA	Analysis	8151A		1	832271	H7CM	EET CHI	09/02/25 19:34
Total/NA	Prep	3005A			465116	QTZ5	EET CF	08/29/25 09:00
Total/NA	Analysis	6020B		1	465295	ZRI4	EET CF	08/30/25 20:26
Total/NA	Analysis	I-3765-85		1	465189	WZC8	EET CF	08/29/25 10:39

Client Sample ID: TB-1_25_08

Lab Sample ID: 310-314248-17

Date Collected: 08/26/25 00:00
Matrix: Water
Date Received: 08/27/25 16:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	465030	WSE8	EET CF	08/28/25 17:19

Lab Chronicle

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-314248-1
SDG: 25C051_25_08

Client Sample ID: MW-204A_25_08

Lab Sample ID: 310-314248-18

Date Collected: 08/25/25 13:25
Matrix: Water
Date Received: 08/27/25 16:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	465036	WSE8	EET CF	08/29/25 08:01
Total/NA	Prep	3005A			465116	QTZ5	EET CF	08/29/25 09:00
Total/NA	Analysis	6020B		1	465295	ZRI4	EET CF	08/30/25 20:29
Total/NA	Analysis	I-3765-85		1	465091	HE7K	EET CF	08/28/25 13:48

Client Sample ID: MW-204B_25_08

Lab Sample ID: 310-314248-19

Date Collected: 08/25/25 14:00
Matrix: Water
Date Received: 08/27/25 16:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	465036	WSE8	EET CF	08/29/25 08:23
Total/NA	Prep	3005A			465116	QTZ5	EET CF	08/29/25 09:00
Total/NA	Analysis	6020B		1	465295	ZRI4	EET CF	08/30/25 20:32
Total/NA	Analysis	I-3765-85		1	465091	HE7K	EET CF	08/28/25 13:48

Client Sample ID: MW-213A_25_08

Lab Sample ID: 310-314248-20

Date Collected: 08/25/25 16:40
Matrix: Water
Date Received: 08/27/25 16:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	465036	WSE8	EET CF	08/29/25 08:59
Total/NA	Prep	3005A			465116	QTZ5	EET CF	08/29/25 09:00
Total/NA	Analysis	6020B		1	465295	ZRI4	EET CF	08/30/25 20:35
Total/NA	Analysis	I-3765-85		1	465091	HE7K	EET CF	08/28/25 13:48

Client Sample ID: MW-213B_25_08

Lab Sample ID: 310-314248-21

Date Collected: 08/25/25 17:20
Matrix: Water
Date Received: 08/27/25 16:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	465036	WSE8	EET CF	08/29/25 09:21
Total/NA	Prep	3005A			465116	QTZ5	EET CF	08/29/25 09:00
Total/NA	Analysis	6020B		1	465295	ZRI4	EET CF	08/30/25 20:38
Total/NA	Analysis	I-3765-85		1	465091	HE7K	EET CF	08/28/25 13:48

Client Sample ID: MW-214_25_08

Lab Sample ID: 310-314248-22

Date Collected: 08/25/25 14:50
Matrix: Water
Date Received: 08/27/25 16:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	465036	WSE8	EET CF	08/29/25 09:43
Total/NA	Prep	3005A			465264	QTZ5	EET CF	09/02/25 09:00
Total/NA	Analysis	6020B		1	465579	NFT2	EET CF	09/03/25 16:42
Total/NA	Analysis	I-3765-85		1	465091	HE7K	EET CF	08/28/25 13:48

Lab Chronicle

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-314248-1
SDG: 25C051_25_08

Client Sample ID: MW-215_25_08

Lab Sample ID: 310-314248-23

Date Collected: 08/25/25 15:30
Matrix: Water
Date Received: 08/27/25 16:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	465036	WSE8	EET CF	08/29/25 10:05
Total/NA	Prep	3005A			465264	QTZ5	EET CF	09/02/25 09:00
Total/NA	Analysis	6020B		1	465579	NFT2	EET CF	09/03/25 16:58
Total/NA	Analysis	I-3765-85		1	465091	HE7K	EET CF	08/28/25 13:48

Client Sample ID: MW-218_25_08

Lab Sample ID: 310-314248-24

Date Collected: 08/25/25 11:30
Matrix: Water
Date Received: 08/27/25 16:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	465036	WSE8	EET CF	08/29/25 10:26
Total/NA	Prep	3005A			465264	QTZ5	EET CF	09/02/25 09:00
Total/NA	Analysis	6020B		1	465579	NFT2	EET CF	09/03/25 17:00
Total/NA	Analysis	I-3765-85		1	465091	HE7K	EET CF	08/28/25 13:48

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: 310-314248-1
Project/Site: CRLCSWA Site 2 GW - Spring 2025
SDG: 25C051_25_08

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

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

Authority	Program	Identification Number	Expiration Date
Iowa	State	082	05-01-26

Method Summary

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-314248-1
SDG: 25C051_25_08

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by 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
I-3765-85	Residue, Non-filterable (TSS)	USGS	EET CF
3005A	Preparation, Total Metals	SW846	EET CF
3511	Microextraction of Organic Compounds	SW846	EET CF
5030B	Purge and Trap	SW846	EET CF
8151A	Extraction (Herbicides)	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

eurofins | Environment Testing America

310-314248 Chain of Custody

Cooler/Sample Receipt and Temperature Log Form

Client Information

Client. Fotn

City/State. | CITY | STATE IA | Project

Receipt Information

Date/Time Received | DATE 08/27/25 | TIME 1630 | 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 4

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) 0.1 | 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

eurofins | Environment Testing America

Place COC scanning label here

Cooler/Sample Receipt and Temperature Log Form

Client Information

Client: Fotn

City/State: CITY | STATE: IA | Project:

Receipt Information

Date/Time Received: DATE 08/27/25 | TIME 1630 | 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 4

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? ↓

trip5 MW-24, FD2, 303, FB1

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) 0.8 | Corrected Temp (°C) 0.8

• **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

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Cooler/Sample Receipt and Temperature Log Form

Client Information

Client: Fotn

City/State: CITY | STATE: IA | Project:

Receipt Information

Date/Time Received: DATE 08/27/25 | TIME 1630 | 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 4

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): 1.5 | Corrected Temp (°C) 1.5

• **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

eurofins | Environment Testing America

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Cooler/Sample Receipt and Temperature Log Form

Client Information

Client. Fotn

City/State: CITY | STATE IA | Project:

Receipt Information

Date/Time Received: DATE 08/27/25 | TIME 1630 | 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 4

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): 1.9 | Corrected Temp (°C) 1.9

• **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

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 4 **COC Number:** 1-3865545471-072425-645825

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: Karmin McShane (CRLCSWA)		Project #: 25C051 00
Phone: (319) 365-9565	P O.		Profile #:
Email Addresses: gina.wilming@foth.com	Project Name: CRLCSWA Site 2 GW - Fall 2025	Regulatory Agency: Iowa DNR	Sampling Team Members: Curtis Schwartz Tyler Merritt
hannah.dubbs@foth.com	Task #: 25C051_25_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: IA Appendix I List	TSS	Benzene	Cobalt	2,4-D	2,4,5-TP (Silvex)	beta-BHC	gamma-BHC (Lindane)	Heptachlor	Appendix I VOCs	Filtered (Y/N)	REMARKS / Lab ID
															N	N	N	N	N	N	N	N	N	N		
1	GU-1_25_08	GU-1	WG	G	8/25/25	16:30	8	4		1	3				X	X										
2	GU-L_25_08	GU-L	WG	G	8/25	16:05	8	4		1	3				X	X										
3	GU-O_25_08	GU-O	WG	G	8/25	17:40	8	4		1	3				X	X										
4	GU-P_25_08	GU-P	WG	G	8/25	17:15	8	4		1	3				X	X										
5	MW-9AR_25_08	MW-9AR	WG	G	8/25	15.25	12	8		1	3				X	X			X	X	X	X	X			
6	MW-15_25_08	MW-15	WG	G											X	X										
7	MW-18_25_08	MW-18	WG	G											X	X										
8	MW-19_25_08	MW-19	WG	G											X	X										
9	MW-20_25_08	MW-20	WG	G											X	X										
10	MW-22_25_08	MW-22	WG	G											X	X				X	X					
11	MW-24_25_08	MW-24	WG	G	8/26/25	15:50	8	4		1	3				X	X										
12	MW-26A_25_08	MW-26A	WG	G	8/26	15:10	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
					Tyler Merritt OA Tech Svcs	8/27	9:30	ES / FET	08/27/25	1630

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: 8/27/25

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 4 **COC Number:** 1-3865545471-072425-645825

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: Karmin McShane (CRLCSWA)		Project #: 25C051 00
Phone: (319) 365-9565	P.O		Profile #:
Email Addresses: gina.wilming@foth.com	Project Name: CRLCSWA Site 2 GW - Spring 2025	Regulatory Agency: Iowa DNR	Sampling Team Members: Curtis Schwartz Tyler Merritt
hannah.dubbs@foth.com	Task #: 25C051_25_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: IA Appendix I List	TSS	Benzene	Cobalt	2,4-D	2,4,5-TP (Silvex)	beta-BHC	gamma-BHC (Lindane)	Heptachlor	Appendix I VOCs	Filtered (Y/N)	REMARKS / Lab ID
13	MW-29_25_08	MW-29	WG	G												X	X	X								
14	MW-30_25_08	MW-30	WG	G												X	X	X								
15	MW-201B_25_08	MW-201B	WG	G	8/26/25	11:40	12	8		1	3				X	X			X	X	X	X	X			
16	MW-300_25_08	MW-300	WG	G											X	X										
17	MW-301_25_08	MW-301	WG	G											X	X										
18	MW-302R_25_08	MW-302R	WG	G											X	X										
19	MW-303_25_08	MW-303	WG	G	8/26/25	14:15	12	8		1	3				X	X			X			X	X			
20	MW-304R_25_08	MW-304R	WG	G	8/26	16:50	8	4		1	3				X	X										
21	MW-305_25_08	MW-305	WG	G	8/26	15:05	8	4		1	3				X	X										
22	MW-306_25_08	MW-306	WG	G												X	X	X								
23	MW-307A_25_08	MW-307A	WG	G												X	X	X								
24	MW-501_25_08	MW-501	WG	G	8/26	13:35	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
					Tyler Merritt OA Tech Svcs	8/27	9:30			

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: 8/27/25

Foth

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 3 of 4 **COC Number:** 1-3865545471-072425-645825

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: Karmin McShane (CRLCSWA)		Project #: 25C051 00
Phone: (319) 365-9565	P O		Profile #:
Email Addresses: g.na.wilming@foth.com	Project Name: CRLCSWA Site 2 GW - Spring 2025	Regulatory Agency: Iowa DNR	Sampling Team Members: Curtis Schwartz Tyler Merritt
hannah.dubbs@foth.com	Task #: 25C051_25_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: IA Appendix I LIst	TSS	Benzene	Cobalt	2,4-D	2,4,5-TP (Silvex)	beta-BHC	gamma-BHC (Lindane)	Heptachlor	Appendix I VOCs	Filtered (Y/N)	REMARKS / Lab ID
25	MW-502_25_08	MW-502	WG	G	8/25/25	13:30	8	4		1	3				X	X										
26	FD-1_25_08		WG	G	8/26/25	—	8	4		1	3				X	X										
27	FD-2_25_08		WG	G	8/26	—	8	4		1	3				X	X										
28	FD-3_25_08		WG	G											X	X										
29	FD-4_25_08		WG	G											X	X										
30	FB-1_25_08	Field Blank	WG	G	8/26	13:55	12	8		1	3				X	X			X	X	X	X	X			
31	FB-2_25_08	Field Blank	WG	G											X	X			X	X	X	X	X			
32	TB-1_25_08	Trip Blank	WG	G	—	—	4	2			2													X		
33	TB-2_25_08	Trip Blank	WG	G																				X		
34	TB-3_25_08	Trip Blank	WG	G																				X		
35	TB-4_25_08	Trip Blank	WG	G																				X		
36	MW-204A_25_08	MW-204A	WG	G	8/25	13:25	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
					Tyler Merritt OATech Svcs	930		ES / EET	08/27/25	1630

SAMPLE CONDITION:

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

SAMPLE NOTES:

Additional Comments:

Valid Matrix Codes	
Matrix	Code
Soil	SO
Sediment	SE
Surface Water	WS
Wastewater	WW
Groundwater	WG
Ambient Air	AA
Other	X

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Tyler Merritt

SIGNATURE of SAMPLER: Tyler Merritt DATE Signed: 8/27/25

9/10/2025

Foth

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 4 **of** 4 | **COC Number:** 1-3865545471-072425-645825

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: Karmin McShane (CRLCSWA)		Project #: 25C051 00
Phone: (319) 365-9565	P O		Profile #:
Email Addresses: gina.wilming@foth.com	Project Name: CRLCSWA Site 2 GW - Spring 2025	Regulatory Agency: Iowa DNR	Sampling Team Members: Curtis Schwartz Tyler Merritt
hannah.dubbs@foth.com	Task #: 25C051_25_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: IA Appendix I List	TSS	Benzene	Cobalt	2,4-D	2,4,5-TP (Silvex)	beta-BHC	gamma-BHC (Lindane)	Heptachlor	Appendix I VOCs	Filtered (Y/N)	REMARKS / Lab ID
37	MW-204B_25_08	MW-204B	WG	G	8/25/25	14:00	8	4		1	3				X	X										
38	MW-213A_25_08	MW-213A	WG	G	8/25	16:40	8	4		1	3				X	X										
39	MW-213B_25_08	MW-213B	WG	G	8/25	17:20	8	4		1	3				X	X										
40	MW-214_25_08	MW-214	WG	G	8/25	14:50	8	4		1	3				X	X										
41	MW-215_25_08	MW-215	WG	G	8/25	15:30	8	4		1	3				X	X										
42	MW-218_25_08	MW-218	WG	G	8/25	11:30	8	4		1	3				X	X										
43																										
44																										
45																										
46																										
47																										
48																										

SHIPMENT METHOD	AIRBILL NO.	SHIPPING DATE	NO. OF COOLERS	ITEM #	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
					Tyler Merritt OA Tech Svcs	8/27	9:30	ES / EET	8/27/25	1630

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: 8/27/25

9/30/2025

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: N/A	Lab PM: Calhoun, Conner M	Carrier Tracking No(s): N/A	COC No: 310-86332 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 #: 310-314248-1
Address: 18410 Crossing Drive, Suite E	Due Date Requested: 9/10/2025			Preservation Codes
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: CRLCSWA Site 2 GW - Spring 2025	Project #: 31009776			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis R...ted

310-314248 COC

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)	8151A/8151A_AP_LVI(MOD) Standard Herbicides	Total Number of containers	Special Instructions/Note
			Preservation Code						
MW-9AR_25_08 (310-314248-5)	8/25/25	15 25 Central	G	Water			X	2	
MW-201B_25_08 (310-314248-8)	8/25/25	11 40 Central	G	Water			X	2	
MW-303_25_08 (310-314248-9)	8/26/25	14 15 Central	G	Water			X	2	
FB-1_25_08 (310-314248-16)	8/26/25	13 55 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]	8/28/25 1335		Stephanie Hernandez	8/29/25 0930	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
Δ Yes Δ No		~~0.4~~ ~~0.5~~ 8/29/25 SH 3.6→3.4

Login Sample Receipt Checklist

Client: Foth Infrastructure & Environment, LLC

Job Number: 310-314248-1
SDG Number: 25C051_25_08

Login Number: 314248
List Number: 1
Creator: Homolar, Dana J

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	

Login Sample Receipt Checklist

Client: Foth Infrastructure & Environment, LLC

Job Number: 310-314248-1
SDG Number: 25C051_25_08

Login Number: 314248
List Number: 2
Creator: Hernandez, Stephanie

List Source: Eurofins Chicago
List Creation: 08/29/25 11:25 AM

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	3.4
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").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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 9/11/2025 3:45:49 PM

JOB DESCRIPTION

CRLCSWA Site 2 GW - Spring 2025

JOB NUMBER

310-314523-1

Eurofins Cedar Falls
3019 Venture Way
Cedar Falls IA 50613

See page two for job notes and contact information.

myEOL

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
9/11/2025 3:45:49 PM

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

Table of Contents

Job Narrative
310-314523-1

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 8/29/2025 3:05 PM. 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 0.2°C, 2.6°C and 5.6°C.

Receipt Exceptions
The following sample will have to be re-prepared outside of preparation holding time due to failing QC: FB-2_25_08 (310-314523-10). Client was contacted and decided to cancel Herbicides analysis.

GC/MS VOA
Method 8260D: The continuing calibration verification (CCV) associated with batch 310-465378 recovered above the upper control limit for Carbon disulfide (26.7%D) and Methylene Chloride (24.2%D). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCV 310-465378/3).

Method 8260D: The continuing calibration verification (CCV) associated with batch 310-465378 recovered above the upper control limit for Vinyl chloride (21.6%D) and Chloroethane (22.4%D). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCV 310-465378/4).

Method 8260D: The initial calibration verification (ICV) result for batch 310-465378 was above the upper control limit. The affected analyte is: 1,1,1,2-Tetrachloroethane. Sample results were non-detects, and have been reported as qualified data.

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

Herbicides
Method 8151A: The laboratory control sample (LCS) for preparation batch 500-832853 and analytical batch 500-833015 recovered outside control limits for the following analytes: Silvex (2,4,5-TP) and 2,4-D. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8151A: The following sample was re-prepared outside of preparation holding time due to original preparation batch 832431 Sample, MB and LCS/LCSD missing surrogate and spike peaks: MW-22_25_08 (310-314523-16).

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.

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: 310-314523-1
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
310-314523-1	MW-29_25_08	Water	08/27/25 14:20	08/29/25 15:05	Iowa
310-314523-2	MW-30_25_08	Water	08/27/25 15:10	08/29/25 15:05	Iowa
310-314523-3	MW-300_25_08	Water	08/27/25 16:45	08/29/25 15:05	Iowa
310-314523-4	MW-301_25_08	Water	08/27/25 15:25	08/29/25 15:05	Iowa
310-314523-5	MW-302R_25_08	Water	08/27/25 10:45	08/29/25 15:05	Iowa
310-314523-6	MW-306_25_08	Water	08/27/25 11:15	08/29/25 15:05	Iowa
310-314523-7	MW-307A_25_08	Water	08/27/25 12:30	08/29/25 15:05	Iowa
310-314523-8	FD-3_25_08	Water	08/27/25 00:00	08/29/25 15:05	Iowa
310-314523-9	FD-4_25_08	Water	08/27/25 00:00	08/29/25 15:05	Iowa
310-314523-10	FB-2_25_08	Water	08/27/25 10:30	08/29/25 15:05	Iowa
310-314523-11	TB-2_25_08	Water	08/27/25 00:00	08/29/25 15:05	Iowa
310-314523-12	MW-15_25_08	Water	08/27/25 12:05	08/29/25 15:05	Iowa
310-314523-13	MW-18_25_08	Water	08/27/25 16:10	08/29/25 15:05	Iowa
310-314523-14	MW-19_25_08	Water	08/27/25 16:50	08/29/25 15:05	Iowa
310-314523-15	MW-20_25_08	Water	08/27/25 14:30	08/29/25 15:05	Iowa
310-314523-16	MW-22_25_08	Water	08/27/25 16:00	08/29/25 15:05	Iowa

Detection Summary

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-314523-1

Client Sample ID: MW-29_25_08 — Lab Sample ID: 310-314523-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	0.000692		0.000500	0.000170	mg/L	1		6020B	Total/NA
Total Suspended Solids	33.0		7.50	5.25	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-30_25_08 — Lab Sample ID: 310-314523-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	0.000350	J	0.000500	0.000170	mg/L	1		6020B	Total/NA
Total Suspended Solids	32.0		15.0	10.5	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-300_25_08 — Lab Sample ID: 310-314523-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dichlorobenzene	0.790	J	1.00	0.230	ug/L	1		8260D	Total/NA
Chlorobenzene	0.648	J	1.00	0.400	ug/L	1		8260D	Total/NA
Antimony	0.00122	J	0.00200	0.00100	mg/L	1		6020B	Total/NA
Arsenic	0.000719	J	0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.0945		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.000389	J	0.000500	0.000170	mg/L	1		6020B	Total/NA
Nickel	0.00468	J	0.00500	0.00230	mg/L	1		6020B	Total/NA
Tin	0.00423	J	0.00500	0.00250	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-301_25_08 — Lab Sample ID: 310-314523-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene	0.941	J	1.00	0.400	ug/L	1		8260D	Total/NA
Arsenic	0.00835		0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.0543		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.00660		0.000500	0.000170	mg/L	1		6020B	Total/NA
Nickel	0.0108		0.00500	0.00230	mg/L	1		6020B	Total/NA
Total Suspended Solids	39.0		15.0	10.5	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-302R_25_08 — Lab Sample ID: 310-314523-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.000902	J	0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.112		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.000464	J	0.000500	0.000170	mg/L	1		6020B	Total/NA
Total Suspended Solids	5.63		1.88	1.31	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-306_25_08 — Lab Sample ID: 310-314523-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	0.00223		0.000500	0.000170	mg/L	1		6020B	Total/NA
Total Suspended Solids	56.0		15.0	10.5	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-307A_25_08 — Lab Sample ID: 310-314523-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	0.00234		0.000500	0.000170	mg/L	1		6020B	Total/NA
Total Suspended Solids	26.0		15.0	10.5	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: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-314523-1

Client Sample ID: FD-3_25_08 — Lab Sample ID: 310-314523-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.00125	J	0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.0725		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.00408		0.000500	0.000170	mg/L	1		6020B	Total/NA
Nickel	0.00850		0.00500	0.00230	mg/L	1		6020B	Total/NA
Vanadium	0.00182	J	0.00500	0.00170	mg/L	1		6020B	Total/NA

Client Sample ID: FD-4_25_08 — Lab Sample ID: 310-314523-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dichlorobenzene	0.823	J	1.00	0.230	ug/L	1		8260D	Total/NA
Chlorobenzene	0.683	J	1.00	0.400	ug/L	1		8260D	Total/NA
Arsenic	0.000731	J	0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.0938		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.000358	J	0.000500	0.000170	mg/L	1		6020B	Total/NA
Nickel	0.00500		0.00500	0.00230	mg/L	1		6020B	Total/NA

Client Sample ID: FB-2_25_08 — Lab Sample ID: 310-314523-10

No Detections.

Client Sample ID: TB-2_25_08 — Lab Sample ID: 310-314523-11

No Detections.

Client Sample ID: MW-15_25_08 — Lab Sample ID: 310-314523-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.00129	J	0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.0717		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.00418		0.000500	0.000170	mg/L	1		6020B	Total/NA
Copper	0.00388	J	0.00500	0.00320	mg/L	1		6020B	Total/NA
Nickel	0.00834		0.00500	0.00230	mg/L	1		6020B	Total/NA
Vanadium	0.00190	J	0.00500	0.00170	mg/L	1		6020B	Total/NA

Client Sample ID: MW-18_25_08 — Lab Sample ID: 310-314523-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	0.00115	J	0.00200	0.00100	mg/L	1		6020B	Total/NA
Arsenic	0.00134	J	0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.0501		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.00360		0.000500	0.000170	mg/L	1		6020B	Total/NA
Nickel	0.0114		0.00500	0.00230	mg/L	1		6020B	Total/NA
Tin	0.00433	J	0.00500	0.00250	mg/L	1		6020B	Total/NA
Total Suspended Solids	3.75		1.88	1.31	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-19_25_08 — Lab Sample ID: 310-314523-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dichlorobenzene	1.27		1.00	0.230	ug/L	1		8260D	Total/NA
Chlorobenzene	1.19		1.00	0.400	ug/L	1		8260D	Total/NA
Trichloroethene	0.452	J	1.00	0.430	ug/L	1		8260D	Total/NA
Arsenic	0.00132	J	0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.0358		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.0183		0.000500	0.000170	mg/L	1		6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-19_25_08 (Continued) — Lab Sample ID: 310-314523-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nickel	0.0176		0.00500	0.00230	mg/L	1		6020B	Total/NA
Total Suspended Solids	11.8		3.75	2.63	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-20_25_08 — Lab Sample ID: 310-314523-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dichlorobenzene	0.680	J	1.00	0.230	ug/L	1		8260D	Total/NA
Acetone	7.64	J	10.0	3.10	ug/L	1		8260D	Total/NA
Benzene	4.83		0.500	0.220	ug/L	1		8260D	Total/NA
Chlorobenzene	3.59		1.00	0.400	ug/L	1		8260D	Total/NA
Arsenic	0.00318		0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.654		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.00204		0.000500	0.000170	mg/L	1		6020B	Total/NA
Nickel	0.0135		0.00500	0.00230	mg/L	1		6020B	Total/NA
Vanadium	0.00252	J	0.00500	0.00170	mg/L	1		6020B	Total/NA
Total Suspended Solids	75.0		15.0	10.5	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-22_25_08 — Lab Sample ID: 310-314523-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	1.35		0.500	0.220	ug/L	1		8260D	Total/NA
Chlorobenzene	0.651	J	1.00	0.400	ug/L	1		8260D	Total/NA
Arsenic	0.00387		0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.920		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.000370	J	0.000500	0.000170	mg/L	1		6020B	Total/NA
Nickel	0.0347		0.00500	0.00230	mg/L	1		6020B	Total/NA
Total Suspended Solids	32.5		7.50	5.25	mg/L	1		I-3765-85	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-314523-1

Client Sample ID: MW-29_25_08

Date Collected: 08/27/25 14:20
Date Received: 08/29/25 15:05

Lab Sample ID: 310-314523-1

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.220		0.500	0.220	ug/L			09/03/25 05:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*125*		*76 - 130*		*09/03/25 05:42*	*1*
Toluene-d8 (Surr)	*91*		*80 - 120*		*09/03/25 05:42*	*1*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*		*09/03/25 05:42*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	**0.000692**		0.000500	0.000170	mg/L		09/08/25 10:00	09/10/25 14:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**33.0**		7.50	5.25	mg/L			09/02/25 12:07	1

Client Sample ID: MW-30_25_08
Lab Sample ID: 310-314523-2
Date Collected: 08/27/25 15:10
Matrix: Water
Date Received: 08/29/25 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.220		0.500	0.220	ug/L			09/03/25 06:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*122*		*76 - 130*		*09/03/25 06:05*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*		*09/03/25 06:05*	*1*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*		*09/03/25 06:05*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	**0.000350**	**J**	0.000500	0.000170	mg/L		09/08/25 10:00	09/10/25 14:42	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**32.0**		15.0	10.5	mg/L			09/02/25 12:07	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-314523-1

Client Sample ID: MW-300_25_08
Date Collected: 08/27/25 16:45
Date Received: 08/29/25 15:05

Lab Sample ID: 310-314523-3
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			09/03/25 01:11	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			09/03/25 01:11	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			09/03/25 01:11	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			09/03/25 01:11	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			09/03/25 01:11	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			09/03/25 01:11	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			09/03/25 01:11	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			09/03/25 01:11	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			09/03/25 01:11	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			09/03/25 01:11	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			09/03/25 01:11	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			09/03/25 01:11	1
1,4-Dichlorobenzene	**0.790**	**J**	1.00	0.230	ug/L			09/03/25 01:11	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			09/03/25 01:11	1
2-Hexanone	<2.00		10.0	2.00	ug/L			09/03/25 01:11	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			09/03/25 01:11	1
Acetone	<3.10		10.0	3.10	ug/L			09/03/25 01:11	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			09/03/25 01:11	1
Benzene	<0.220		0.500	0.220	ug/L			09/03/25 01:11	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			09/03/25 01:11	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			09/03/25 01:11	1
Bromoform	<0.780		5.00	0.780	ug/L			09/03/25 01:11	1
Bromomethane	<1.10		4.00	1.10	ug/L			09/03/25 01:11	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			09/03/25 01:11	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			09/03/25 01:11	1
Chlorobenzene	**0.648**	**J**	1.00	0.400	ug/L			09/03/25 01:11	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			09/03/25 01:11	1
Chloroethane	<0.790		4.00	0.790	ug/L			09/03/25 01:11	1
Chloroform	<1.30		3.00	1.30	ug/L			09/03/25 01:11	1
Chloromethane	<0.610		3.00	0.610	ug/L			09/03/25 01:11	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			09/03/25 01:11	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			09/03/25 01:11	1
Dibromomethane	<0.330		1.00	0.330	ug/L			09/03/25 01:11	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			09/03/25 01:11	1
Iodomethane	<7.00		10.0	7.00	ug/L			09/03/25 01:11	1
Methylene chloride	<1.70		5.00	1.70	ug/L			09/03/25 01:11	1
Styrene	<0.370		1.00	0.370	ug/L			09/03/25 01:11	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			09/03/25 01:11	1
Toluene	<0.430		1.00	0.430	ug/L			09/03/25 01:11	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			09/03/25 01:11	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			09/03/25 01:11	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			09/03/25 01:11	1
Trichloroethene	<0.430		1.00	0.430	ug/L			09/03/25 01:11	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			09/03/25 01:11	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			09/03/25 01:11	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			09/03/25 01:11	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			09/03/25 01:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*123*		*76 - 130*		*09/03/25 01:11*	*1*

Client Sample ID: MW-300_25_08
Lab Sample ID: 310-314523-3
Date Collected: 08/27/25 16:45
Matrix: Water
Date Received: 08/29/25 15:05

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*90*		*80 - 120*		*09/03/25 01:11*	*1*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*		*09/03/25 01:11*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.00122**	**J**	0.00200	0.00100	mg/L		09/08/25 10:00	09/10/25 14:49	1
Arsenic	**0.000719**	**J**	0.00200	0.000530	mg/L		09/08/25 10:00	09/10/25 14:49	1
Barium	**0.0945**		0.00200	0.000660	mg/L		09/08/25 10:00	09/10/25 14:49	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		09/08/25 10:00	09/10/25 14:49	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		09/08/25 10:00	09/10/25 14:49	1
Chromium	<0.00180		0.00500	0.00180	mg/L		09/08/25 10:00	09/10/25 14:49	1
Cobalt	**0.000389**	**J**	0.000500	0.000170	mg/L		09/08/25 10:00	09/10/25 14:49	1
Copper	<0.00320		0.00500	0.00320	mg/L		09/08/25 10:00	09/10/25 14:49	1
Lead	<0.000330		0.000500	0.000330	mg/L		09/08/25 10:00	09/10/25 14:49	1
Nickel	**0.00468**	**J**	0.00500	0.00230	mg/L		09/08/25 10:00	09/10/25 14:49	1
Selenium	<0.00140		0.00500	0.00140	mg/L		09/08/25 10:00	09/10/25 14:49	1
Silver	<0.000500		0.00100	0.000500	mg/L		09/08/25 10:00	09/10/25 14:49	1
Thallium	<0.000570		0.00100	0.000570	mg/L		09/08/25 10:00	09/10/25 14:49	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		09/08/25 10:00	09/10/25 14:49	1
Zinc	<0.0130		0.0200	0.0130	mg/L		09/08/25 10:00	09/10/25 14:49	1
Tin	**0.00423**	**J**	0.00500	0.00250	mg/L		09/08/25 10:00	09/10/25 14:49	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			09/02/25 12:07	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-314523-1

Client Sample ID: MW-301_25_08
Date Collected: 08/27/25 15:25
Date Received: 08/29/25 15:05

Lab Sample ID: 310-314523-4
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			09/03/25 01:34	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			09/03/25 01:34	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			09/03/25 01:34	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			09/03/25 01:34	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			09/03/25 01:34	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			09/03/25 01:34	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			09/03/25 01:34	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			09/03/25 01:34	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			09/03/25 01:34	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			09/03/25 01:34	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			09/03/25 01:34	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			09/03/25 01:34	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			09/03/25 01:34	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			09/03/25 01:34	1
2-Hexanone	<2.00		10.0	2.00	ug/L			09/03/25 01:34	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			09/03/25 01:34	1
Acetone	<3.10		10.0	3.10	ug/L			09/03/25 01:34	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			09/03/25 01:34	1
Benzene	<0.220		0.500	0.220	ug/L			09/03/25 01:34	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			09/03/25 01:34	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			09/03/25 01:34	1
Bromoform	<0.780		5.00	0.780	ug/L			09/03/25 01:34	1
Bromomethane	<1.10		4.00	1.10	ug/L			09/03/25 01:34	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			09/03/25 01:34	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			09/03/25 01:34	1
Chlorobenzene	**0.941**	**J**	1.00	0.400	ug/L			09/03/25 01:34	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			09/03/25 01:34	1
Chloroethane	<0.790		4.00	0.790	ug/L			09/03/25 01:34	1
Chloroform	<1.30		3.00	1.30	ug/L			09/03/25 01:34	1
Chloromethane	<0.610		3.00	0.610	ug/L			09/03/25 01:34	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			09/03/25 01:34	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			09/03/25 01:34	1
Dibromomethane	<0.330		1.00	0.330	ug/L			09/03/25 01:34	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			09/03/25 01:34	1
Iodomethane	<7.00		10.0	7.00	ug/L			09/03/25 01:34	1
Methylene chloride	<1.70		5.00	1.70	ug/L			09/03/25 01:34	1
Styrene	<0.370		1.00	0.370	ug/L			09/03/25 01:34	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			09/03/25 01:34	1
Toluene	<0.430		1.00	0.430	ug/L			09/03/25 01:34	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			09/03/25 01:34	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			09/03/25 01:34	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			09/03/25 01:34	1
Trichloroethene	<0.430		1.00	0.430	ug/L			09/03/25 01:34	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			09/03/25 01:34	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			09/03/25 01:34	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			09/03/25 01:34	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			09/03/25 01:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*119*		*76 - 130*		*09/03/25 01:34*	*1*

Client Sample ID: MW-301_25_08
Lab Sample ID: 310-314523-4
Date Collected: 08/27/25 15:25
Matrix: Water
Date Received: 08/29/25 15:05

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*93*		*80 - 120*		*09/03/25 01:34*	*1*
4-Bromofluorobenzene (Surr)	*104*		*80 - 120*		*09/03/25 01:34*	*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		09/08/25 10:00	09/10/25 14:52	1
Arsenic	**0.00835**		0.00200	0.000530	mg/L		09/08/25 10:00	09/10/25 14:52	1
Barium	**0.0543**		0.00200	0.000660	mg/L		09/08/25 10:00	09/10/25 14:52	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		09/08/25 10:00	09/10/25 14:52	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		09/08/25 10:00	09/10/25 14:52	1
Chromium	<0.00180		0.00500	0.00180	mg/L		09/08/25 10:00	09/10/25 14:52	1
Cobalt	**0.00660**		0.000500	0.000170	mg/L		09/08/25 10:00	09/10/25 14:52	1
Copper	<0.00320		0.00500	0.00320	mg/L		09/08/25 10:00	09/10/25 14:52	1
Lead	<0.000330		0.000500	0.000330	mg/L		09/08/25 10:00	09/10/25 14:52	1
Nickel	**0.0108**		0.00500	0.00230	mg/L		09/08/25 10:00	09/10/25 14:52	1
Selenium	<0.00140		0.00500	0.00140	mg/L		09/08/25 10:00	09/10/25 14:52	1
Silver	<0.000500		0.00100	0.000500	mg/L		09/08/25 10:00	09/10/25 14:52	1
Thallium	<0.000570		0.00100	0.000570	mg/L		09/08/25 10:00	09/10/25 14:52	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		09/08/25 10:00	09/10/25 14:52	1
Zinc	<0.0130		0.0200	0.0130	mg/L		09/08/25 10:00	09/10/25 14:52	1
Tin	<0.00250		0.00500	0.00250	mg/L		09/08/25 10:00	09/10/25 14:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**39.0**		15.0	10.5	mg/L			09/02/25 12:07	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-314523-1

Client Sample ID: MW-302R_25_08
Date Collected: 08/27/25 10:45
Date Received: 08/29/25 15:05

Lab Sample ID: 310-314523-5
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			09/03/25 01:56	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			09/03/25 01:56	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			09/03/25 01:56	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			09/03/25 01:56	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			09/03/25 01:56	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			09/03/25 01:56	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			09/03/25 01:56	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			09/03/25 01:56	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			09/03/25 01:56	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			09/03/25 01:56	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			09/03/25 01:56	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			09/03/25 01:56	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			09/03/25 01:56	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			09/03/25 01:56	1
2-Hexanone	<2.00		10.0	2.00	ug/L			09/03/25 01:56	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			09/03/25 01:56	1
Acetone	<3.10		10.0	3.10	ug/L			09/03/25 01:56	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			09/03/25 01:56	1
Benzene	<0.220		0.500	0.220	ug/L			09/03/25 01:56	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			09/03/25 01:56	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			09/03/25 01:56	1
Bromoform	<0.780		5.00	0.780	ug/L			09/03/25 01:56	1
Bromomethane	<1.10		4.00	1.10	ug/L			09/03/25 01:56	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			09/03/25 01:56	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			09/03/25 01:56	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			09/03/25 01:56	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			09/03/25 01:56	1
Chloroethane	<0.790		4.00	0.790	ug/L			09/03/25 01:56	1
Chloroform	<1.30		3.00	1.30	ug/L			09/03/25 01:56	1
Chloromethane	<0.610		3.00	0.610	ug/L			09/03/25 01:56	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			09/03/25 01:56	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			09/03/25 01:56	1
Dibromomethane	<0.330		1.00	0.330	ug/L			09/03/25 01:56	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			09/03/25 01:56	1
Iodomethane	<7.00		10.0	7.00	ug/L			09/03/25 01:56	1
Methylene chloride	<1.70		5.00	1.70	ug/L			09/03/25 01:56	1
Styrene	<0.370		1.00	0.370	ug/L			09/03/25 01:56	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			09/03/25 01:56	1
Toluene	<0.430		1.00	0.430	ug/L			09/03/25 01:56	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			09/03/25 01:56	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			09/03/25 01:56	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			09/03/25 01:56	1
Trichloroethene	<0.430		1.00	0.430	ug/L			09/03/25 01:56	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			09/03/25 01:56	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			09/03/25 01:56	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			09/03/25 01:56	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			09/03/25 01:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*124*		*76 - 130*		*09/03/25 01:56*	*1*

Client Sample ID: MW-302R_25_08
Lab Sample ID: 310-314523-5
Date Collected: 08/27/25 10:45
Matrix: Water
Date Received: 08/29/25 15:05

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*93*		*80 - 120*		*09/03/25 01:56*	*1*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*		*09/03/25 01:56*	*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		09/08/25 10:00	09/10/25 14:55	1
Arsenic	**0.000902**	**J**	0.00200	0.000530	mg/L		09/08/25 10:00	09/10/25 14:55	1
Barium	**0.112**		0.00200	0.000660	mg/L		09/08/25 10:00	09/10/25 14:55	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		09/08/25 10:00	09/10/25 14:55	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		09/08/25 10:00	09/10/25 14:55	1
Chromium	<0.00180		0.00500	0.00180	mg/L		09/08/25 10:00	09/10/25 14:55	1
Cobalt	**0.000464**	**J**	0.000500	0.000170	mg/L		09/08/25 10:00	09/10/25 14:55	1
Copper	<0.00320		0.00500	0.00320	mg/L		09/08/25 10:00	09/10/25 14:55	1
Lead	<0.000330		0.000500	0.000330	mg/L		09/08/25 10:00	09/10/25 14:55	1
Nickel	<0.00230		0.00500	0.00230	mg/L		09/08/25 10:00	09/10/25 14:55	1
Selenium	<0.00140		0.00500	0.00140	mg/L		09/08/25 10:00	09/10/25 14:55	1
Silver	<0.000500		0.00100	0.000500	mg/L		09/08/25 10:00	09/10/25 14:55	1
Thallium	<0.000570		0.00100	0.000570	mg/L		09/08/25 10:00	09/10/25 14:55	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		09/08/25 10:00	09/10/25 14:55	1
Zinc	<0.0130		0.0200	0.0130	mg/L		09/08/25 10:00	09/10/25 14:55	1
Tin	<0.00250		0.00500	0.00250	mg/L		09/08/25 10:00	09/10/25 14:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**5.63**		1.88	1.31	mg/L			09/02/25 12:07	1

Client Sample ID: MW-306_25_08
Lab Sample ID: 310-314523-6
Date Collected: 08/27/25 11:15
Matrix: Water
Date Received: 08/29/25 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.220		0.500	0.220	ug/L			09/03/25 06:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*122*		*76 - 130*		*09/03/25 06:27*	*1*
Toluene-d8 (Surr)	*92*		*80 - 120*		*09/03/25 06:27*	*1*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*		*09/03/25 06:27*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	**0.00223**		0.000500	0.000170	mg/L		09/08/25 10:00	09/10/25 14:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**56.0**		15.0	10.5	mg/L			09/02/25 12:07	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-314523-1

Client Sample ID: MW-307A_25_08

Date Collected: 08/27/25 12:30
Date Received: 08/29/25 15:05

Lab Sample ID: 310-314523-7

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.220		0.500	0.220	ug/L			09/03/25 06:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*125*		*76 - 130*		*09/03/25 06:50*	*1*
Toluene-d8 (Surr)	*92*		*80 - 120*		*09/03/25 06:50*	*1*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*		*09/03/25 06:50*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	**0.00234**		0.000500	0.000170	mg/L		09/08/25 10:00	09/10/25 15:00	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			09/02/25 12:07	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-314523-1

Client Sample ID: FD-3_25_08
Date Collected: 08/27/25 00:00
Date Received: 08/29/25 15:05

Lab Sample ID: 310-314523-8
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			09/03/25 02:19	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			09/03/25 02:19	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			09/03/25 02:19	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			09/03/25 02:19	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			09/03/25 02:19	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			09/03/25 02:19	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			09/03/25 02:19	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			09/03/25 02:19	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			09/03/25 02:19	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			09/03/25 02:19	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			09/03/25 02:19	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			09/03/25 02:19	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			09/03/25 02:19	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			09/03/25 02:19	1
2-Hexanone	<2.00		10.0	2.00	ug/L			09/03/25 02:19	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			09/03/25 02:19	1
Acetone	<3.10		10.0	3.10	ug/L			09/03/25 02:19	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			09/03/25 02:19	1
Benzene	<0.220		0.500	0.220	ug/L			09/03/25 02:19	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			09/03/25 02:19	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			09/03/25 02:19	1
Bromoform	<0.780		5.00	0.780	ug/L			09/03/25 02:19	1
Bromomethane	<1.10		4.00	1.10	ug/L			09/03/25 02:19	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			09/03/25 02:19	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			09/03/25 02:19	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			09/03/25 02:19	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			09/03/25 02:19	1
Chloroethane	<0.790		4.00	0.790	ug/L			09/03/25 02:19	1
Chloroform	<1.30		3.00	1.30	ug/L			09/03/25 02:19	1
Chloromethane	<0.610		3.00	0.610	ug/L			09/03/25 02:19	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			09/03/25 02:19	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			09/03/25 02:19	1
Dibromomethane	<0.330		1.00	0.330	ug/L			09/03/25 02:19	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			09/03/25 02:19	1
Iodomethane	<7.00		10.0	7.00	ug/L			09/03/25 02:19	1
Methylene chloride	<1.70		5.00	1.70	ug/L			09/03/25 02:19	1
Styrene	<0.370		1.00	0.370	ug/L			09/03/25 02:19	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			09/03/25 02:19	1
Toluene	<0.430		1.00	0.430	ug/L			09/03/25 02:19	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			09/03/25 02:19	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			09/03/25 02:19	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			09/03/25 02:19	1
Trichloroethene	<0.430		1.00	0.430	ug/L			09/03/25 02:19	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			09/03/25 02:19	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			09/03/25 02:19	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			09/03/25 02:19	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			09/03/25 02:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*122*		*76 - 130*		*09/03/25 02:19*	*1*

Client Sample ID: FD-3_25_08
Lab Sample ID: 310-314523-8
Date Collected: 08/27/25 00:00
Matrix: Water
Date Received: 08/29/25 15:05

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*93*		*80 - 120*		*09/03/25 02:19*	*1*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*		*09/03/25 02:19*	*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		09/08/25 10:00	09/10/25 15:02	1
Arsenic	**0.00125**	**J**	0.00200	0.000530	mg/L		09/08/25 10:00	09/10/25 15:02	1
Barium	**0.0725**		0.00200	0.000660	mg/L		09/08/25 10:00	09/10/25 15:02	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		09/08/25 10:00	09/10/25 15:02	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		09/08/25 10:00	09/10/25 15:02	1
Chromium	<0.00180		0.00500	0.00180	mg/L		09/08/25 10:00	09/10/25 15:02	1
Cobalt	**0.00408**		0.000500	0.000170	mg/L		09/08/25 10:00	09/10/25 15:02	1
Copper	<0.00320		0.00500	0.00320	mg/L		09/08/25 10:00	09/10/25 15:02	1
Lead	<0.000330		0.000500	0.000330	mg/L		09/08/25 10:00	09/10/25 15:02	1
Nickel	**0.00850**		0.00500	0.00230	mg/L		09/08/25 10:00	09/10/25 15:02	1
Selenium	<0.00140		0.00500	0.00140	mg/L		09/08/25 10:00	09/10/25 15:02	1
Silver	<0.000500		0.00100	0.000500	mg/L		09/08/25 10:00	09/10/25 15:02	1
Thallium	<0.000570		0.00100	0.000570	mg/L		09/08/25 10:00	09/10/25 15:02	1
Vanadium	**0.00182**	**J**	0.00500	0.00170	mg/L		09/08/25 10:00	09/10/25 15:02	1
Zinc	<0.0130		0.0200	0.0130	mg/L		09/08/25 10:00	09/10/25 15:02	1
Tin	<0.00250		0.00500	0.00250	mg/L		09/08/25 10:00	09/10/25 15:02	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			09/02/25 11:23	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-314523-1

Client Sample ID: FD-4_25_08
Date Collected: 08/27/25 00:00
Date Received: 08/29/25 15:05

Lab Sample ID: 310-314523-9
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			09/03/25 02:41	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			09/03/25 02:41	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			09/03/25 02:41	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			09/03/25 02:41	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			09/03/25 02:41	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			09/03/25 02:41	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			09/03/25 02:41	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			09/03/25 02:41	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			09/03/25 02:41	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			09/03/25 02:41	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			09/03/25 02:41	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			09/03/25 02:41	1
1,4-Dichlorobenzene	**0.823**	**J**	1.00	0.230	ug/L			09/03/25 02:41	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			09/03/25 02:41	1
2-Hexanone	<2.00		10.0	2.00	ug/L			09/03/25 02:41	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			09/03/25 02:41	1
Acetone	<3.10		10.0	3.10	ug/L			09/03/25 02:41	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			09/03/25 02:41	1
Benzene	<0.220		0.500	0.220	ug/L			09/03/25 02:41	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			09/03/25 02:41	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			09/03/25 02:41	1
Bromoform	<0.780		5.00	0.780	ug/L			09/03/25 02:41	1
Bromomethane	<1.10		4.00	1.10	ug/L			09/03/25 02:41	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			09/03/25 02:41	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			09/03/25 02:41	1
Chlorobenzene	**0.683**	**J**	1.00	0.400	ug/L			09/03/25 02:41	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			09/03/25 02:41	1
Chloroethane	<0.790		4.00	0.790	ug/L			09/03/25 02:41	1
Chloroform	<1.30		3.00	1.30	ug/L			09/03/25 02:41	1
Chloromethane	<0.610		3.00	0.610	ug/L			09/03/25 02:41	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			09/03/25 02:41	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			09/03/25 02:41	1
Dibromomethane	<0.330		1.00	0.330	ug/L			09/03/25 02:41	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			09/03/25 02:41	1
Iodomethane	<7.00		10.0	7.00	ug/L			09/03/25 02:41	1
Methylene chloride	<1.70		5.00	1.70	ug/L			09/03/25 02:41	1
Styrene	<0.370		1.00	0.370	ug/L			09/03/25 02:41	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			09/03/25 02:41	1
Toluene	<0.430		1.00	0.430	ug/L			09/03/25 02:41	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			09/03/25 02:41	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			09/03/25 02:41	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			09/03/25 02:41	1
Trichloroethene	<0.430		1.00	0.430	ug/L			09/03/25 02:41	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			09/03/25 02:41	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			09/03/25 02:41	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			09/03/25 02:41	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			09/03/25 02:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*121*		*76 - 130*		*09/03/25 02:41*	*1*

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-314523-1

Client Sample ID: FD-4_25_08
Date Collected: 08/27/25 00:00
Date Received: 08/29/25 15:05

Lab Sample ID: 310-314523-9
Matrix: Water

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*93*		*80 - 120*		*09/03/25 02:41*	*1*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*		*09/03/25 02:41*	*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		09/08/25 10:00	09/10/25 15:07	1
Arsenic	**0.000731**	**J**	0.00200	0.000530	mg/L		09/08/25 10:00	09/10/25 15:07	1
Barium	**0.0938**		0.00200	0.000660	mg/L		09/08/25 10:00	09/10/25 15:07	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		09/08/25 10:00	09/10/25 15:07	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		09/08/25 10:00	09/10/25 15:07	1
Chromium	<0.00180		0.00500	0.00180	mg/L		09/08/25 10:00	09/10/25 15:07	1
Cobalt	**0.000358**	**J**	0.000500	0.000170	mg/L		09/08/25 10:00	09/10/25 15:07	1
Copper	<0.00320		0.00500	0.00320	mg/L		09/08/25 10:00	09/10/25 15:07	1
Lead	<0.000330		0.000500	0.000330	mg/L		09/08/25 10:00	09/10/25 15:07	1
Nickel	**0.00500**		0.00500	0.00230	mg/L		09/08/25 10:00	09/10/25 15:07	1
Selenium	<0.00140		0.00500	0.00140	mg/L		09/08/25 10:00	09/10/25 15:07	1
Silver	<0.000500		0.00100	0.000500	mg/L		09/08/25 10:00	09/10/25 15:07	1
Thallium	<0.000570		0.00100	0.000570	mg/L		09/08/25 10:00	09/10/25 15:07	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		09/08/25 10:00	09/10/25 15:07	1
Zinc	<0.0130		0.0200	0.0130	mg/L		09/08/25 10:00	09/10/25 15:07	1
Tin	<0.00250		0.00500	0.00250	mg/L		09/08/25 10:00	09/10/25 15:07	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			09/02/25 11:23	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-314523-1

Client Sample ID: FB-2_25_08
Date Collected: 08/27/25 10:30
Date Received: 08/29/25 15:05

Lab Sample ID: 310-314523-10
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			09/03/25 03:04	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			09/03/25 03:04	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			09/03/25 03:04	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			09/03/25 03:04	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			09/03/25 03:04	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			09/03/25 03:04	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			09/03/25 03:04	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			09/03/25 03:04	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			09/03/25 03:04	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			09/03/25 03:04	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			09/03/25 03:04	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			09/03/25 03:04	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			09/03/25 03:04	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			09/03/25 03:04	1
2-Hexanone	<2.00		10.0	2.00	ug/L			09/03/25 03:04	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			09/03/25 03:04	1
Acetone	<3.10		10.0	3.10	ug/L			09/03/25 03:04	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			09/03/25 03:04	1
Benzene	<0.220		0.500	0.220	ug/L			09/03/25 03:04	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			09/03/25 03:04	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			09/03/25 03:04	1
Bromoform	<0.780		5.00	0.780	ug/L			09/03/25 03:04	1
Bromomethane	<1.10		4.00	1.10	ug/L			09/03/25 03:04	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			09/03/25 03:04	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			09/03/25 03:04	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			09/03/25 03:04	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			09/03/25 03:04	1
Chloroethane	<0.790		4.00	0.790	ug/L			09/03/25 03:04	1
Chloroform	<1.30		3.00	1.30	ug/L			09/03/25 03:04	1
Chloromethane	<0.610		3.00	0.610	ug/L			09/03/25 03:04	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			09/03/25 03:04	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			09/03/25 03:04	1
Dibromomethane	<0.330		1.00	0.330	ug/L			09/03/25 03:04	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			09/03/25 03:04	1
Iodomethane	<7.00		10.0	7.00	ug/L			09/03/25 03:04	1
Methylene chloride	<1.70		5.00	1.70	ug/L			09/03/25 03:04	1
Styrene	<0.370		1.00	0.370	ug/L			09/03/25 03:04	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			09/03/25 03:04	1
Toluene	<0.430		1.00	0.430	ug/L			09/03/25 03:04	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			09/03/25 03:04	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			09/03/25 03:04	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			09/03/25 03:04	1
Trichloroethene	<0.430		1.00	0.430	ug/L			09/03/25 03:04	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			09/03/25 03:04	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			09/03/25 03:04	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			09/03/25 03:04	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			09/03/25 03:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*122*		*76 - 130*		*09/03/25 03:04*	*1*

Client Sample ID: FB-2_25_08
Lab Sample ID: 310-314523-10
Date Collected: 08/27/25 10:30
Matrix: Water
Date Received: 08/29/25 15:05

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*90*		*80 - 120*		*09/03/25 03:04*	*1*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*		*09/03/25 03:04*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
beta-BHC	<0.0394		0.0938	0.0394	ug/L		09/03/25 12:33	09/05/25 16:06	1
Heptachlor	<0.0216		0.0938	0.0216	ug/L		09/03/25 12:33	09/05/25 16:06	1
gamma-BHC (Lindane)	<0.00938		0.0938	0.00938	ug/L		09/03/25 12:33	09/05/25 16:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*75*		*10 - 150*	*09/03/25 12:33*	*09/05/25 16:06*	*1*
Tetrachloro-m-xylene	*98*		*17 - 150*	*09/03/25 12:33*	*09/05/25 16:06*	*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		09/08/25 10:00	09/10/25 15:10	1
Arsenic	<0.000530		0.00200	0.000530	mg/L		09/08/25 10:00	09/10/25 15:10	1
Barium	<0.000660		0.00200	0.000660	mg/L		09/08/25 10:00	09/10/25 15:10	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		09/08/25 10:00	09/10/25 15:10	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		09/08/25 10:00	09/10/25 15:10	1
Chromium	<0.00180		0.00500	0.00180	mg/L		09/08/25 10:00	09/10/25 15:10	1
Cobalt	<0.000170		0.000500	0.000170	mg/L		09/08/25 10:00	09/10/25 15:10	1
Copper	<0.00320		0.00500	0.00320	mg/L		09/08/25 10:00	09/10/25 15:10	1
Lead	<0.000330		0.000500	0.000330	mg/L		09/08/25 10:00	09/10/25 15:10	1
Nickel	<0.00230		0.00500	0.00230	mg/L		09/08/25 10:00	09/10/25 15:10	1
Selenium	<0.00140		0.00500	0.00140	mg/L		09/08/25 10:00	09/10/25 15:10	1
Silver	<0.000500		0.00100	0.000500	mg/L		09/08/25 10:00	09/10/25 15:10	1
Thallium	<0.000570		0.00100	0.000570	mg/L		09/08/25 10:00	09/10/25 15:10	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		09/08/25 10:00	09/10/25 15:10	1
Zinc	<0.0130		0.0200	0.0130	mg/L		09/08/25 10:00	09/10/25 15:10	1
Tin	<0.00250		0.00500	0.00250	mg/L		09/08/25 10:00	09/10/25 15:10	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			09/02/25 12:07	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-314523-1

Client Sample ID: TB-2_25_08
Date Collected: 08/27/25 00:00
Date Received: 08/29/25 15:05

Lab Sample ID: 310-314523-11
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			09/03/25 03:27	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			09/03/25 03:27	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			09/03/25 03:27	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			09/03/25 03:27	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			09/03/25 03:27	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			09/03/25 03:27	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			09/03/25 03:27	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			09/03/25 03:27	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			09/03/25 03:27	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			09/03/25 03:27	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			09/03/25 03:27	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			09/03/25 03:27	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			09/03/25 03:27	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			09/03/25 03:27	1
2-Hexanone	<2.00		10.0	2.00	ug/L			09/03/25 03:27	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			09/03/25 03:27	1
Acetone	<3.10		10.0	3.10	ug/L			09/03/25 03:27	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			09/03/25 03:27	1
Benzene	<0.220		0.500	0.220	ug/L			09/03/25 03:27	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			09/03/25 03:27	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			09/03/25 03:27	1
Bromoform	<0.780		5.00	0.780	ug/L			09/03/25 03:27	1
Bromomethane	<1.10		4.00	1.10	ug/L			09/03/25 03:27	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			09/03/25 03:27	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			09/03/25 03:27	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			09/03/25 03:27	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			09/03/25 03:27	1
Chloroethane	<0.790		4.00	0.790	ug/L			09/03/25 03:27	1
Chloroform	<1.30		3.00	1.30	ug/L			09/03/25 03:27	1
Chloromethane	<0.610		3.00	0.610	ug/L			09/03/25 03:27	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			09/03/25 03:27	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			09/03/25 03:27	1
Dibromomethane	<0.330		1.00	0.330	ug/L			09/03/25 03:27	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			09/03/25 03:27	1
Iodomethane	<7.00		10.0	7.00	ug/L			09/03/25 03:27	1
Methylene chloride	<1.70		5.00	1.70	ug/L			09/03/25 03:27	1
Styrene	<0.370		1.00	0.370	ug/L			09/03/25 03:27	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			09/03/25 03:27	1
Toluene	<0.430		1.00	0.430	ug/L			09/03/25 03:27	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			09/03/25 03:27	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			09/03/25 03:27	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			09/03/25 03:27	1
Trichloroethene	<0.430		1.00	0.430	ug/L			09/03/25 03:27	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			09/03/25 03:27	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			09/03/25 03:27	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			09/03/25 03:27	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			09/03/25 03:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*122*		*76 - 130*		*09/03/25 03:27*	*1*

Client Sample ID: TB-2_25_08
Lab Sample ID: 310-314523-11
Date Collected: 08/27/25 00:00
Matrix: Water
Date Received: 08/29/25 15:05

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	91		80 - 120		09/03/25 03:27	1
4-Bromofluorobenzene (Surr)	100		80 - 120		09/03/25 03:27	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-314523-1

Client Sample ID: MW-15_25_08
Date Collected: 08/27/25 12:05
Date Received: 08/29/25 15:05

Lab Sample ID: 310-314523-12
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			09/03/25 03:49	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			09/03/25 03:49	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			09/03/25 03:49	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			09/03/25 03:49	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			09/03/25 03:49	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			09/03/25 03:49	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			09/03/25 03:49	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			09/03/25 03:49	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			09/03/25 03:49	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			09/03/25 03:49	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			09/03/25 03:49	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			09/03/25 03:49	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			09/03/25 03:49	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			09/03/25 03:49	1
2-Hexanone	<2.00		10.0	2.00	ug/L			09/03/25 03:49	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			09/03/25 03:49	1
Acetone	<3.10		10.0	3.10	ug/L			09/03/25 03:49	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			09/03/25 03:49	1
Benzene	<0.220		0.500	0.220	ug/L			09/03/25 03:49	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			09/03/25 03:49	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			09/03/25 03:49	1
Bromoform	<0.780		5.00	0.780	ug/L			09/03/25 03:49	1
Bromomethane	<1.10		4.00	1.10	ug/L			09/03/25 03:49	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			09/03/25 03:49	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			09/03/25 03:49	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			09/03/25 03:49	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			09/03/25 03:49	1
Chloroethane	<0.790		4.00	0.790	ug/L			09/03/25 03:49	1
Chloroform	<1.30		3.00	1.30	ug/L			09/03/25 03:49	1
Chloromethane	<0.610		3.00	0.610	ug/L			09/03/25 03:49	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			09/03/25 03:49	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			09/03/25 03:49	1
Dibromomethane	<0.330		1.00	0.330	ug/L			09/03/25 03:49	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			09/03/25 03:49	1
Iodomethane	<7.00		10.0	7.00	ug/L			09/03/25 03:49	1
Methylene chloride	<1.70		5.00	1.70	ug/L			09/03/25 03:49	1
Styrene	<0.370		1.00	0.370	ug/L			09/03/25 03:49	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			09/03/25 03:49	1
Toluene	<0.430		1.00	0.430	ug/L			09/03/25 03:49	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			09/03/25 03:49	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			09/03/25 03:49	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			09/03/25 03:49	1
Trichloroethene	<0.430		1.00	0.430	ug/L			09/03/25 03:49	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			09/03/25 03:49	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			09/03/25 03:49	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			09/03/25 03:49	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			09/03/25 03:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*124*		*76 - 130*		*09/03/25 03:49*	*1*

Client Sample ID: MW-15_25_08
Lab Sample ID: 310-314523-12
Date Collected: 08/27/25 12:05
Matrix: Water
Date Received: 08/29/25 15:05

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*91*		*80 - 120*		*09/03/25 03:49*	*1*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*		*09/03/25 03:49*	*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		09/08/25 10:00	09/10/25 15:12	1
Arsenic	**0.00129**	**J**	0.00200	0.000530	mg/L		09/08/25 10:00	09/10/25 15:12	1
Barium	**0.0717**		0.00200	0.000660	mg/L		09/08/25 10:00	09/10/25 15:12	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		09/08/25 10:00	09/10/25 15:12	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		09/08/25 10:00	09/10/25 15:12	1
Chromium	<0.00180		0.00500	0.00180	mg/L		09/08/25 10:00	09/10/25 15:12	1
Cobalt	**0.00418**		0.000500	0.000170	mg/L		09/08/25 10:00	09/10/25 15:12	1
Copper	**0.00388**	**J**	0.00500	0.00320	mg/L		09/08/25 10:00	09/10/25 15:12	1
Lead	<0.000330		0.000500	0.000330	mg/L		09/08/25 10:00	09/10/25 15:12	1
Nickel	**0.00834**		0.00500	0.00230	mg/L		09/08/25 10:00	09/10/25 15:12	1
Selenium	<0.00140		0.00500	0.00140	mg/L		09/08/25 10:00	09/10/25 15:12	1
Silver	<0.000500		0.00100	0.000500	mg/L		09/08/25 10:00	09/10/25 15:12	1
Thallium	<0.000570		0.00100	0.000570	mg/L		09/08/25 10:00	09/10/25 15:12	1
Vanadium	**0.00190**	**J**	0.00500	0.00170	mg/L		09/08/25 10:00	09/10/25 15:12	1
Zinc	<0.0130		0.0200	0.0130	mg/L		09/08/25 10:00	09/10/25 15:12	1
Tin	<0.00250		0.00500	0.00250	mg/L		09/08/25 10:00	09/10/25 15:12	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			09/02/25 12:07	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-314523-1

Client Sample ID: MW-18_25_08
Date Collected: 08/27/25 16:10
Date Received: 08/29/25 15:05

Lab Sample ID: 310-314523-13
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			09/03/25 04:12	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			09/03/25 04:12	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			09/03/25 04:12	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			09/03/25 04:12	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			09/03/25 04:12	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			09/03/25 04:12	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			09/03/25 04:12	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			09/03/25 04:12	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			09/03/25 04:12	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			09/03/25 04:12	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			09/03/25 04:12	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			09/03/25 04:12	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			09/03/25 04:12	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			09/03/25 04:12	1
2-Hexanone	<2.00		10.0	2.00	ug/L			09/03/25 04:12	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			09/03/25 04:12	1
Acetone	<3.10		10.0	3.10	ug/L			09/03/25 04:12	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			09/03/25 04:12	1
Benzene	<0.220		0.500	0.220	ug/L			09/03/25 04:12	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			09/03/25 04:12	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			09/03/25 04:12	1
Bromoform	<0.780		5.00	0.780	ug/L			09/03/25 04:12	1
Bromomethane	<1.10		4.00	1.10	ug/L			09/03/25 04:12	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			09/03/25 04:12	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			09/03/25 04:12	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			09/03/25 04:12	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			09/03/25 04:12	1
Chloroethane	<0.790		4.00	0.790	ug/L			09/03/25 04:12	1
Chloroform	<1.30		3.00	1.30	ug/L			09/03/25 04:12	1
Chloromethane	<0.610		3.00	0.610	ug/L			09/03/25 04:12	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			09/03/25 04:12	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			09/03/25 04:12	1
Dibromomethane	<0.330		1.00	0.330	ug/L			09/03/25 04:12	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			09/03/25 04:12	1
Iodomethane	<7.00		10.0	7.00	ug/L			09/03/25 04:12	1
Methylene chloride	<1.70		5.00	1.70	ug/L			09/03/25 04:12	1
Styrene	<0.370		1.00	0.370	ug/L			09/03/25 04:12	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			09/03/25 04:12	1
Toluene	<0.430		1.00	0.430	ug/L			09/03/25 04:12	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			09/03/25 04:12	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			09/03/25 04:12	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			09/03/25 04:12	1
Trichloroethene	<0.430		1.00	0.430	ug/L			09/03/25 04:12	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			09/03/25 04:12	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			09/03/25 04:12	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			09/03/25 04:12	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			09/03/25 04:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*124*		*76 - 130*		*09/03/25 04:12*	*1*

Client Sample ID: MW-18_25_08
Lab Sample ID: 310-314523-13
Date Collected: 08/27/25 16:10
Matrix: Water
Date Received: 08/29/25 15:05

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*92*		*80 - 120*		*09/03/25 04:12*	*1*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*		*09/03/25 04:12*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.00115**	**J**	0.00200	0.00100	mg/L		09/08/25 10:00	09/10/25 15:20	1
Arsenic	**0.00134**	**J**	0.00200	0.000530	mg/L		09/08/25 10:00	09/10/25 15:20	1
Barium	**0.0501**		0.00200	0.000660	mg/L		09/08/25 10:00	09/10/25 15:20	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		09/08/25 10:00	09/10/25 15:20	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		09/08/25 10:00	09/10/25 15:20	1
Chromium	<0.00180		0.00500	0.00180	mg/L		09/08/25 10:00	09/10/25 15:20	1
Cobalt	**0.00360**		0.000500	0.000170	mg/L		09/08/25 10:00	09/10/25 15:20	1
Copper	<0.00320		0.00500	0.00320	mg/L		09/08/25 10:00	09/10/25 15:20	1
Lead	<0.000330		0.000500	0.000330	mg/L		09/08/25 10:00	09/10/25 15:20	1
Nickel	**0.0114**		0.00500	0.00230	mg/L		09/08/25 10:00	09/10/25 15:20	1
Selenium	<0.00140		0.00500	0.00140	mg/L		09/08/25 10:00	09/10/25 15:20	1
Silver	<0.000500		0.00100	0.000500	mg/L		09/08/25 10:00	09/10/25 15:20	1
Thallium	<0.000570		0.00100	0.000570	mg/L		09/08/25 10:00	09/10/25 15:20	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		09/08/25 10:00	09/10/25 15:20	1
Zinc	<0.0130		0.0200	0.0130	mg/L		09/08/25 10:00	09/10/25 15:20	1
Tin	**0.00433**	**J**	0.00500	0.00250	mg/L		09/08/25 10:00	09/10/25 15:20	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**3.75**		1.88	1.31	mg/L			09/02/25 12:07	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-314523-1

Client Sample ID: MW-19_25_08
Date Collected: 08/27/25 16:50
Date Received: 08/29/25 15:05

Lab Sample ID: 310-314523-14
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			09/03/25 04:35	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			09/03/25 04:35	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			09/03/25 04:35	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			09/03/25 04:35	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			09/03/25 04:35	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			09/03/25 04:35	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			09/03/25 04:35	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			09/03/25 04:35	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			09/03/25 04:35	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			09/03/25 04:35	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			09/03/25 04:35	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			09/03/25 04:35	1
1,4-Dichlorobenzene	**1.27**		1.00	0.230	ug/L			09/03/25 04:35	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			09/03/25 04:35	1
2-Hexanone	<2.00		10.0	2.00	ug/L			09/03/25 04:35	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			09/03/25 04:35	1
Acetone	<3.10		10.0	3.10	ug/L			09/03/25 04:35	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			09/03/25 04:35	1
Benzene	<0.220		0.500	0.220	ug/L			09/03/25 04:35	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			09/03/25 04:35	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			09/03/25 04:35	1
Bromoform	<0.780		5.00	0.780	ug/L			09/03/25 04:35	1
Bromomethane	<1.10		4.00	1.10	ug/L			09/03/25 04:35	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			09/03/25 04:35	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			09/03/25 04:35	1
Chlorobenzene	**1.19**		1.00	0.400	ug/L			09/03/25 04:35	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			09/03/25 04:35	1
Chloroethane	<0.790		4.00	0.790	ug/L			09/03/25 04:35	1
Chloroform	<1.30		3.00	1.30	ug/L			09/03/25 04:35	1
Chloromethane	<0.610		3.00	0.610	ug/L			09/03/25 04:35	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			09/03/25 04:35	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			09/03/25 04:35	1
Dibromomethane	<0.330		1.00	0.330	ug/L			09/03/25 04:35	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			09/03/25 04:35	1
Iodomethane	<7.00		10.0	7.00	ug/L			09/03/25 04:35	1
Methylene chloride	<1.70		5.00	1.70	ug/L			09/03/25 04:35	1
Styrene	<0.370		1.00	0.370	ug/L			09/03/25 04:35	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			09/03/25 04:35	1
Toluene	<0.430		1.00	0.430	ug/L			09/03/25 04:35	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			09/03/25 04:35	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			09/03/25 04:35	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			09/03/25 04:35	1
Trichloroethene	**0.452**	**J**	1.00	0.430	ug/L			09/03/25 04:35	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			09/03/25 04:35	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			09/03/25 04:35	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			09/03/25 04:35	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			09/03/25 04:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*126*		*76 - 130*		*09/03/25 04:35*	*1*

Client Sample ID: MW-19_25_08
Lab Sample ID: 310-314523-14
Date Collected: 08/27/25 16:50
Matrix: Water
Date Received: 08/29/25 15:05

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*90*		*80 - 120*		*09/03/25 04:35*	*1*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*		*09/03/25 04:35*	*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		09/08/25 10:00	09/10/25 15:23	1
Arsenic	**0.00132**	**J**	0.00200	0.000530	mg/L		09/08/25 10:00	09/10/25 15:23	1
Barium	**0.0358**		0.00200	0.000660	mg/L		09/08/25 10:00	09/10/25 15:23	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		09/08/25 10:00	09/10/25 15:23	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		09/08/25 10:00	09/10/25 15:23	1
Chromium	<0.00180		0.00500	0.00180	mg/L		09/08/25 10:00	09/10/25 15:23	1
Cobalt	**0.0183**		0.000500	0.000170	mg/L		09/08/25 10:00	09/10/25 15:23	1
Copper	<0.00320		0.00500	0.00320	mg/L		09/08/25 10:00	09/10/25 15:23	1
Lead	<0.000330		0.000500	0.000330	mg/L		09/08/25 10:00	09/10/25 15:23	1
Nickel	**0.0176**		0.00500	0.00230	mg/L		09/08/25 10:00	09/10/25 15:23	1
Selenium	<0.00140		0.00500	0.00140	mg/L		09/08/25 10:00	09/10/25 15:23	1
Silver	<0.000500		0.00100	0.000500	mg/L		09/08/25 10:00	09/10/25 15:23	1
Thallium	<0.000570		0.00100	0.000570	mg/L		09/08/25 10:00	09/10/25 15:23	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		09/08/25 10:00	09/10/25 15:23	1
Zinc	<0.0130		0.0200	0.0130	mg/L		09/08/25 10:00	09/10/25 15:23	1
Tin	<0.00250		0.00500	0.00250	mg/L		09/08/25 10:00	09/10/25 15:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**11.8**		3.75	2.63	mg/L			09/02/25 12:07	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-314523-1

Client Sample ID: MW-20_25_08
Date Collected: 08/27/25 14:30
Date Received: 08/29/25 15:05

Lab Sample ID: 310-314523-15
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			09/03/25 04:57	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			09/03/25 04:57	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			09/03/25 04:57	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			09/03/25 04:57	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			09/03/25 04:57	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			09/03/25 04:57	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			09/03/25 04:57	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			09/03/25 04:57	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			09/03/25 04:57	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			09/03/25 04:57	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			09/03/25 04:57	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			09/03/25 04:57	1
1,4-Dichlorobenzene	**0.680**	**J**	1.00	0.230	ug/L			09/03/25 04:57	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			09/03/25 04:57	1
2-Hexanone	<2.00		10.0	2.00	ug/L			09/03/25 04:57	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			09/03/25 04:57	1
Acetone	**7.64**	**J**	10.0	3.10	ug/L			09/03/25 04:57	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			09/03/25 04:57	1
Benzene	**4.83**		0.500	0.220	ug/L			09/03/25 04:57	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			09/03/25 04:57	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			09/03/25 04:57	1
Bromoform	<0.780		5.00	0.780	ug/L			09/03/25 04:57	1
Bromomethane	<1.10		4.00	1.10	ug/L			09/03/25 04:57	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			09/03/25 04:57	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			09/03/25 04:57	1
Chlorobenzene	**3.59**		1.00	0.400	ug/L			09/03/25 04:57	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			09/03/25 04:57	1
Chloroethane	<0.790		4.00	0.790	ug/L			09/03/25 04:57	1
Chloroform	<1.30		3.00	1.30	ug/L			09/03/25 04:57	1
Chloromethane	<0.610		3.00	0.610	ug/L			09/03/25 04:57	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			09/03/25 04:57	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			09/03/25 04:57	1
Dibromomethane	<0.330		1.00	0.330	ug/L			09/03/25 04:57	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			09/03/25 04:57	1
Iodomethane	<7.00		10.0	7.00	ug/L			09/03/25 04:57	1
Methylene chloride	<1.70		5.00	1.70	ug/L			09/03/25 04:57	1
Styrene	<0.370		1.00	0.370	ug/L			09/03/25 04:57	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			09/03/25 04:57	1
Toluene	<0.430		1.00	0.430	ug/L			09/03/25 04:57	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			09/03/25 04:57	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			09/03/25 04:57	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			09/03/25 04:57	1
Trichloroethene	<0.430		1.00	0.430	ug/L			09/03/25 04:57	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			09/03/25 04:57	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			09/03/25 04:57	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			09/03/25 04:57	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			09/03/25 04:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*122*		*76 - 130*		*09/03/25 04:57*	*1*

Client Sample ID: MW-20_25_08
Lab Sample ID: 310-314523-15
Date Collected: 08/27/25 14:30
Matrix: Water
Date Received: 08/29/25 15:05

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*90*		*80 - 120*		*09/03/25 04:57*	*1*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*		*09/03/25 04:57*	*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		09/08/25 10:00	09/10/25 15:25	1
Arsenic	**0.00318**		0.00200	0.000530	mg/L		09/08/25 10:00	09/10/25 15:25	1
Barium	**0.654**		0.00200	0.000660	mg/L		09/08/25 10:00	09/10/25 15:25	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		09/08/25 10:00	09/10/25 15:25	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		09/08/25 10:00	09/10/25 15:25	1
Chromium	<0.00180		0.00500	0.00180	mg/L		09/08/25 10:00	09/10/25 15:25	1
Cobalt	**0.00204**		0.000500	0.000170	mg/L		09/08/25 10:00	09/10/25 15:25	1
Copper	<0.00320		0.00500	0.00320	mg/L		09/08/25 10:00	09/10/25 15:25	1
Lead	<0.000330		0.000500	0.000330	mg/L		09/08/25 10:00	09/10/25 15:25	1
Nickel	**0.0135**		0.00500	0.00230	mg/L		09/08/25 10:00	09/10/25 15:25	1
Selenium	<0.00140		0.00500	0.00140	mg/L		09/08/25 10:00	09/10/25 15:25	1
Silver	<0.000500		0.00100	0.000500	mg/L		09/08/25 10:00	09/10/25 15:25	1
Thallium	<0.000570		0.00100	0.000570	mg/L		09/08/25 10:00	09/10/25 15:25	1
Vanadium	**0.00252**	**J**	0.00500	0.00170	mg/L		09/08/25 10:00	09/10/25 15:25	1
Zinc	<0.0130		0.0200	0.0130	mg/L		09/08/25 10:00	09/10/25 15:25	1
Tin	<0.00250		0.00500	0.00250	mg/L		09/08/25 10:00	09/10/25 15:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**75.0**		15.0	10.5	mg/L			09/02/25 12:07	1

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-314523-1

Client Sample ID: MW-22_25_08
Date Collected: 08/27/25 16:00
Date Received: 08/29/25 15:05

Lab Sample ID: 310-314523-16
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			09/03/25 05:20	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			09/03/25 05:20	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			09/03/25 05:20	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			09/03/25 05:20	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			09/03/25 05:20	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			09/03/25 05:20	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			09/03/25 05:20	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			09/03/25 05:20	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			09/03/25 05:20	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			09/03/25 05:20	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			09/03/25 05:20	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			09/03/25 05:20	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			09/03/25 05:20	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			09/03/25 05:20	1
2-Hexanone	<2.00		10.0	2.00	ug/L			09/03/25 05:20	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			09/03/25 05:20	1
Acetone	<3.10		10.0	3.10	ug/L			09/03/25 05:20	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			09/03/25 05:20	1
Benzene	**1.35**		0.500	0.220	ug/L			09/03/25 05:20	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			09/03/25 05:20	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			09/03/25 05:20	1
Bromoform	<0.780		5.00	0.780	ug/L			09/03/25 05:20	1
Bromomethane	<1.10		4.00	1.10	ug/L			09/03/25 05:20	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			09/03/25 05:20	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			09/03/25 05:20	1
Chlorobenzene	**0.651**	**J**	1.00	0.400	ug/L			09/03/25 05:20	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			09/03/25 05:20	1
Chloroethane	<0.790		4.00	0.790	ug/L			09/03/25 05:20	1
Chloroform	<1.30		3.00	1.30	ug/L			09/03/25 05:20	1
Chloromethane	<0.610		3.00	0.610	ug/L			09/03/25 05:20	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			09/03/25 05:20	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			09/03/25 05:20	1
Dibromomethane	<0.330		1.00	0.330	ug/L			09/03/25 05:20	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			09/03/25 05:20	1
Iodomethane	<7.00		10.0	7.00	ug/L			09/03/25 05:20	1
Methylene chloride	<1.70		5.00	1.70	ug/L			09/03/25 05:20	1
Styrene	<0.370		1.00	0.370	ug/L			09/03/25 05:20	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			09/03/25 05:20	1
Toluene	<0.430		1.00	0.430	ug/L			09/03/25 05:20	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			09/03/25 05:20	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			09/03/25 05:20	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			09/03/25 05:20	1
Trichloroethene	<0.430		1.00	0.430	ug/L			09/03/25 05:20	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			09/03/25 05:20	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			09/03/25 05:20	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			09/03/25 05:20	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			09/03/25 05:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*122*		*76 - 130*		*09/03/25 05:20*	*1*

Client Sample ID: MW-22_25_08
Date Collected: 08/27/25 16:00
Date Received: 08/29/25 15:05

Lab Sample ID: 310-314523-16
Matrix: Water

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*91*		*80 - 120*		*09/03/25 05:20*	*1*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*		*09/03/25 05:20*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
beta-BHC	<0.0388		0.0923	0.0388	ug/L		09/03/25 12:33	09/05/25 18:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*91*		*10 - 150*	*09/03/25 12:33*	*09/05/25 18:29*	*1*
Tetrachloro-m-xylene	*70*		*17 - 150*	*09/03/25 12:33*	*09/05/25 18:29*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	<0.108	H *+	1.03	0.108	ug/L		09/08/25 07:30	09/09/25 00:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid (Surr)	*89*		*25 - 130*	*09/08/25 07:30*	*09/09/25 00:48*	*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		09/08/25 10:00	09/10/25 15:28	1
Arsenic	**0.00387**		0.00200	0.000530	mg/L		09/08/25 10:00	09/10/25 15:28	1
Barium	**0.920**		0.00200	0.000660	mg/L		09/08/25 10:00	09/10/25 15:28	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		09/08/25 10:00	09/10/25 15:28	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		09/08/25 10:00	09/10/25 15:28	1
Chromium	<0.00180		0.00500	0.00180	mg/L		09/08/25 10:00	09/10/25 15:28	1
Cobalt	**0.000370**	**J**	0.000500	0.000170	mg/L		09/08/25 10:00	09/10/25 15:28	1
Copper	<0.00320		0.00500	0.00320	mg/L		09/08/25 10:00	09/10/25 15:28	1
Lead	<0.000330		0.000500	0.000330	mg/L		09/08/25 10:00	09/10/25 15:28	1
Nickel	**0.0347**		0.00500	0.00230	mg/L		09/08/25 10:00	09/10/25 15:28	1
Selenium	<0.00140		0.00500	0.00140	mg/L		09/08/25 10:00	09/10/25 15:28	1
Silver	<0.000500		0.00100	0.000500	mg/L		09/08/25 10:00	09/10/25 15:28	1
Thallium	<0.000570		0.00100	0.000570	mg/L		09/08/25 10:00	09/10/25 15:28	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		09/08/25 10:00	09/10/25 15:28	1
Zinc	<0.0130		0.0200	0.0130	mg/L		09/08/25 10:00	09/10/25 15:28	1
Tin	<0.00250		0.00500	0.00250	mg/L		09/08/25 10:00	09/10/25 15:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**32.5**		7.50	5.25	mg/L			09/02/25 12:07	1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
E	Result exceeded calibration range.
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
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
H	Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.

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

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-314523-1

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)
310-314523-1	MW-29_25_08	125	91	100
310-314523-2	MW-30_25_08	122	93	103
310-314523-3	MW-300_25_08	123	90	103
310-314523-3 MS	MW-300_25_08	98	102	94
310-314523-3 MSD	MW-300_25_08	96	102	94
310-314523-4	MW-301_25_08	119	93	104
310-314523-5	MW-302R_25_08	124	93	100
310-314523-6	MW-306_25_08	122	92	101
310-314523-7	MW-307A_25_08	125	92	103
310-314523-8	FD-3_25_08	122	93	101
310-314523-9	FD-4_25_08	121	93	103
310-314523-10	FB-2_25_08	122	90	103
310-314523-11	TB-2_25_08	122	91	100
310-314523-12	MW-15_25_08	124	91	101
310-314523-13	MW-18_25_08	124	92	102
310-314523-14	MW-19_25_08	126	90	103
310-314523-15	MW-20_25_08	122	90	100
310-314523-16	MW-22_25_08	122	91	101
LCS 310-465378/7	Lab Control Sample	103	98	94
LCS 310-465378/8	Lab Control Sample	121	93	104
MB 310-465378/6	Method Blank	121	93	105

Surrogate Legend

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

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)
310-314523-10	FB-2_25_08	75	98
LB 310-465366/1-E	Method Blank	83	97
LCS 310-465505/3-A	Lab Control Sample	50	90
MB 310-465505/1-A	Method Blank	53	85

Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)
TCX = Tetrachloro-m-xylene

Method: 8081B - Organochlorine Pesticides (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)	
		DCB2	TCX2
Lab Sample ID	Client Sample ID	(10-150)	(17-150)
310-314523-16	MW-22_25_08	91	70

Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)

TCX = Tetrachloro-m-xylene

Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Water **Prep Type: TCLP**

		Percent Surrogate Recovery (Acceptance Limits)	
		DCB1	TCX1
Lab Sample ID	Client Sample ID	(10-150)	(17-150)
310-313960-A-1-I MS	Matrix Spike	73	92
310-313960-A-1-J MSD	Matrix Spike Duplicate	74	90

Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)

TCX = Tetrachloro-m-xylene

Method: 8151A - Herbicides (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)
		DCPAA1
Lab Sample ID	Client Sample ID	(25-130)
310-314523-16	MW-22_25_08	89
LB 500-832745/1-B	Method Blank	107
LCS 500-832853/2-A	Lab Control Sample	114
LCSD 500-832853/3-A	Lab Control Sample Dup	107
MB 500-832853/1-A	Method Blank	98

Surrogate Legend

DCPAA = 2,4-Dichlorophenylacetic acid (Surr)

Method: 8151A - Herbicides (GC)

Matrix: Water **Prep Type: TCLP**

		Percent Surrogate Recovery (Acceptance Limits)
		DCPAA1
Lab Sample ID	Client Sample ID	(25-130)
500-274018-C-1-H MS	Matrix Spike	114

Surrogate Legend

DCPAA = 2,4-Dichlorophenylacetic acid (Surr)

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

Lab Sample ID: MB 310-465378/6
Matrix: Water
Analysis Batch: 465378

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			09/02/25 22:33	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			09/02/25 22:33	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			09/02/25 22:33	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			09/02/25 22:33	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			09/02/25 22:33	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			09/02/25 22:33	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			09/02/25 22:33	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			09/02/25 22:33	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			09/02/25 22:33	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			09/02/25 22:33	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			09/02/25 22:33	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			09/02/25 22:33	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			09/02/25 22:33	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			09/02/25 22:33	1
2-Hexanone	<2.00		10.0	2.00	ug/L			09/02/25 22:33	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			09/02/25 22:33	1
Acetone	<3.10		10.0	3.10	ug/L			09/02/25 22:33	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			09/02/25 22:33	1
Benzene	<0.220		0.500	0.220	ug/L			09/02/25 22:33	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			09/02/25 22:33	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			09/02/25 22:33	1
Bromoform	<0.780		5.00	0.780	ug/L			09/02/25 22:33	1
Bromomethane	<1.10		4.00	1.10	ug/L			09/02/25 22:33	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			09/02/25 22:33	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			09/02/25 22:33	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			09/02/25 22:33	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			09/02/25 22:33	1
Chloroethane	<0.790		4.00	0.790	ug/L			09/02/25 22:33	1
Chloroform	<1.30		3.00	1.30	ug/L			09/02/25 22:33	1
Chloromethane	<0.610		3.00	0.610	ug/L			09/02/25 22:33	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			09/02/25 22:33	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			09/02/25 22:33	1
Dibromomethane	<0.330		1.00	0.330	ug/L			09/02/25 22:33	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			09/02/25 22:33	1
Iodomethane	<7.00		10.0	7.00	ug/L			09/02/25 22:33	1
Methylene chloride	<1.70		5.00	1.70	ug/L			09/02/25 22:33	1
Styrene	<0.370		1.00	0.370	ug/L			09/02/25 22:33	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			09/02/25 22:33	1
Toluene	<0.430		1.00	0.430	ug/L			09/02/25 22:33	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			09/02/25 22:33	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			09/02/25 22:33	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			09/02/25 22:33	1
Trichloroethene	<0.430		1.00	0.430	ug/L			09/02/25 22:33	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			09/02/25 22:33	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			09/02/25 22:33	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			09/02/25 22:33	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			09/02/25 22:33	1

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

Lab Sample ID: MB 310-465378/6
Matrix: Water
Analysis Batch: 465378

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	*121*		*76 - 130*		*09/02/25 22:33*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*		*09/02/25 22:33*	*1*
4-Bromofluorobenzene (Surr)	*105*		*80 - 120*		*09/02/25 22:33*	*1*

Lab Sample ID: LCS 310-465378/7
Matrix: Water
Analysis Batch: 465378

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	10.0	9.307		ug/L		93	70 - 121
1,1,1-Trichloroethane	10.0	10.66		ug/L		107	69 - 130
1,1,2,2-Tetrachloroethane	10.0	8.697		ug/L		87	70 - 122
1,1,2-Trichloroethane	10.0	9.085		ug/L		91	75 - 121
1,1-Dichloroethane	10.0	11.59		ug/L		116	69 - 127
1,1-Dichloroethene	10.0	11.78		ug/L		118	64 - 134
1,2,3-Trichloropropane	10.0	8.505		ug/L		85	70 - 122
1,2-Dibromo-3-chloropropane	10.0	9.335		ug/L		93	62 - 132
1,2-Dibromoethane (EDB)	10.0	9.291		ug/L		93	74 - 122
1,2-Dichlorobenzene	10.0	9.461		ug/L		95	74 - 120
1,2-Dichloroethane	10.0	11.33		ug/L		113	68 - 125
1,2-Dichloropropane	10.0	9.485		ug/L		95	72 - 128
1,4-Dichlorobenzene	10.0	9.681		ug/L		97	72 - 120
2-Butanone (MEK)	20.0	16.72		ug/L		84	60 - 134
2-Hexanone	20.0	17.45		ug/L		87	62 - 139
4-Methyl-2-pentanone (MIBK)	20.0	16.45		ug/L		82	62 - 136
Acetone	20.0	21.86		ug/L		109	59 - 136
Acrylonitrile	100	105.5		ug/L		105	50 - 150
Benzene	10.0	10.19		ug/L		102	71 - 125
Bromochloromethane	10.0	11.08		ug/L		111	69 - 131
Bromodichloromethane	10.0	8.839		ug/L		88	70 - 122
Bromoform	10.0	9.265		ug/L		93	62 - 122
Carbon disulfide	10.0	13.21		ug/L		132	58 - 137
Carbon tetrachloride	10.0	10.41		ug/L		104	63 - 136
Chlorobenzene	10.0	9.394		ug/L		94	74 - 120
Chlorodibromomethane	10.0	9.399		ug/L		94	69 - 121
Chloroform	10.0	10.90		ug/L		109	72 - 122
cis-1,2-Dichloroethene	10.0	12.04		ug/L		120	72 - 123
cis-1,3-Dichloropropene	10.0	9.506		ug/L		95	72 - 123
Dibromomethane	10.0	10.74		ug/L		107	72 - 122
Ethylbenzene	10.0	10.10		ug/L		101	75 - 120
Iodomethane	10.0	10.51		ug/L		105	18 - 150
Methylene chloride	10.0	12.07		ug/L		121	72 - 128
Styrene	10.0	10.28		ug/L		103	74 - 122
Tetrachloroethene	10.0	9.637		ug/L		96	70 - 128
Toluene	10.0	9.047		ug/L		90	74 - 120
trans-1,2-Dichloroethene	10.0	11.04		ug/L		110	67 - 127
trans-1,3-Dichloropropene	10.0	9.655		ug/L		97	67 - 123
trans-1,4-Dichloro-2-butene	10.0	8.592	J	ug/L		86	50 - 150

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

Lab Sample ID: LCS 310-465378/7
Matrix: Water
Analysis Batch: 465378

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Trichloroethene			10.0	9.281		ug/L		93	70 - 128		
Vinyl acetate			20.0	20.56		ug/L		103	50 - 150		
Xylenes, Total			20.0	20.33		ug/L		102	74 - 121		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*103*		*76 - 130*
Toluene-d8 (Surr)	*98*		*80 - 120*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*

Lab Sample ID: LCS 310-465378/8
Matrix: Water
Analysis Batch: 465378

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	16.80		ug/L		84	33 - 138		
Chloroethane			20.0	20.65		ug/L		103	59 - 139		
Chloromethane			20.0	21.41		ug/L		107	52 - 146		
Trichlorofluoromethane			20.0	23.34		ug/L		117	55 - 150		
Vinyl chloride			20.0	19.82		ug/L		99	60 - 142		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*121*		*76 - 130*
Toluene-d8 (Surr)	*93*		*80 - 120*
4-Bromofluorobenzene (Surr)	*104*		*80 - 120*

Lab Sample ID: 310-314523-3 MS
Matrix: Water
Analysis Batch: 465378

Client Sample ID: MW-300_25_08
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	27.33	E	ug/L		109	55 - 121		
1,1,1-Trichloroethane	<0.190		25.0	25.24		ug/L		101	53 - 130		
1,1,2,2-Tetrachloroethane	<0.470		25.0	23.35		ug/L		93	55 - 123		
1,1,2-Trichloroethane	<0.450		25.0	25.56		ug/L		102	60 - 121		
1,1-Dichloroethane	<0.220		25.0	25.51		ug/L		102	53 - 127		
1,1-Dichloroethene	<0.560		25.0	24.99		ug/L		100	51 - 134		
1,2,3-Trichloropropane	<0.590		25.0	22.62		ug/L		90	56 - 122		
1,2-Dibromo-3-chloropropane	<1.20		25.0	19.99		ug/L		80	44 - 138		
1,2-Dibromoethane (EDB)	<0.340		25.0	24.93		ug/L		100	60 - 122		
1,2-Dichlorobenzene	<0.370		25.0	22.82		ug/L		91	60 - 120		
1,2-Dichloroethane	<0.390		25.0	26.68		ug/L		107	48 - 128		
1,2-Dichloropropane	<0.270		25.0	22.35		ug/L		89	59 - 128		
1,4-Dichlorobenzene	0.790	J	25.0	23.83		ug/L		92	58 - 120		
2-Butanone (MEK)	<2.10		50.0	39.95		ug/L		80	46 - 134		
2-Hexanone	<2.00		50.0	44.52		ug/L		89	46 - 141		
4-Methyl-2-pentanone (MIBK)	<2.10		50.0	47.03		ug/L		94	49 - 138		
Acetone	<3.10		50.0	49.40		ug/L		99	39 - 141		
Acrylonitrile	<2.20		250	239.8		ug/L		96	41 - 150		

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

Lab Sample ID: 310-314523-3 MS
Matrix: Water
Analysis Batch: 465378

Client Sample ID: MW-300_25_08
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.220		25.0	23.61		ug/L		94	48 - 125
Bromochloromethane	<0.540		25.0	25.66		ug/L		103	55 - 131
Bromodichloromethane	<0.390		25.0	21.76		ug/L		87	53 - 122
Bromoform	<0.780		25.0	19.63		ug/L		79	47 - 122
Carbon disulfide	<0.450		25.0	30.30		ug/L		121	45 - 137
Carbon tetrachloride	<0.650		25.0	25.03		ug/L		100	45 - 136
Chlorobenzene	0.648	J	25.0	22.79		ug/L		89	59 - 120
Chlorodibromomethane	<0.750		25.0	20.55		ug/L		82	53 - 121
Chloroform	<1.30		25.0	25.38		ug/L		102	52 - 122
cis-1,2-Dichloroethene	<0.210		25.0	26.48		ug/L		106	51 - 123
cis-1,3-Dichloropropene	<0.250		25.0	20.98		ug/L		84	55 - 123
Dibromomethane	<0.330		25.0	24.46		ug/L		98	57 - 122
Ethylbenzene	<0.310		25.0	23.53		ug/L		94	53 - 120
Iodomethane	<7.00		25.0	24.30		ug/L		97	18 - 150
Methylene chloride	<1.70		25.0	27.90		ug/L		112	59 - 128
Styrene	<0.370		25.0	24.72		ug/L		99	50 - 125
Tetrachloroethene	<0.480		25.0	24.17		ug/L		97	51 - 128
Toluene	<0.430		25.0	21.86		ug/L		87	52 - 120
trans-1,2-Dichloroethene	<0.270		25.0	25.24		ug/L		101	53 - 127
trans-1,3-Dichloropropene	<0.560		25.0	21.52		ug/L		86	50 - 123
trans-1,4-Dichloro-2-butene	<1.10		25.0	21.71		ug/L		87	28 - 150
Trichloroethene	<0.430		25.0	21.52		ug/L		86	50 - 128
Vinyl acetate	<2.50		50.0	40.16		ug/L		80	31 - 150
Xylenes, Total	<0.400		50.0	47.68		ug/L		95	50 - 122

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*98*		*76 - 130*
Toluene-d8 (Surr)	*102*		*80 - 120*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*

Lab Sample ID: 310-314523-3 MSD
Matrix: Water
Analysis Batch: 465378

Client Sample ID: MW-300_25_08
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	26.78	E	ug/L		107	55 - 121	2	20
1,1,1-Trichloroethane	<0.190		25.0	25.34		ug/L		101	53 - 130	0	20
1,1,2,2-Tetrachloroethane	<0.470		25.0	22.83		ug/L		91	55 - 123	2	20
1,1,2-Trichloroethane	<0.450		25.0	24.77		ug/L		99	60 - 121	3	20
1,1-Dichloroethane	<0.220		25.0	25.12		ug/L		100	53 - 127	2	20
1,1-Dichloroethene	<0.560		25.0	24.84		ug/L		99	51 - 134	1	20
1,2,3-Trichloropropane	<0.590		25.0	21.83		ug/L		87	56 - 122	4	21
1,2-Dibromo-3-chloropropane	<1.20		25.0	20.43		ug/L		82	44 - 138	2	24
1,2-Dibromoethane (EDB)	<0.340		25.0	23.80		ug/L		95	60 - 122	5	20
1,2-Dichlorobenzene	<0.370		25.0	23.35		ug/L		93	60 - 120	2	20
1,2-Dichloroethane	<0.390		25.0	26.30		ug/L		105	48 - 128	1	20
1,2-Dichloropropane	<0.270		25.0	21.52		ug/L		86	59 - 128	4	20
1,4-Dichlorobenzene	0.790	J	25.0	23.53		ug/L		91	58 - 120	1	20

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

Lab Sample ID: 310-314523-3 MSD
Matrix: Water
Analysis Batch: 465378

Client Sample ID: MW-300_25_08
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	40.68		ug/L		81	46 - 134	2	23
2-Hexanone	<2.00		50.0	46.34		ug/L		93	46 - 141	4	20
4-Methyl-2-pentanone (MIBK)	<2.10		50.0	47.11		ug/L		94	49 - 138	0	20
Acetone	<3.10		50.0	49.75		ug/L		100	39 - 141	1	23
Acrylonitrile	<2.20		250	235.9		ug/L		94	41 - 150	2	20
Benzene	<0.220		25.0	23.64		ug/L		95	48 - 125	0	20
Bromochloromethane	<0.540		25.0	25.25		ug/L		101	55 - 131	2	21
Bromodichloromethane	<0.390		25.0	22.16		ug/L		89	53 - 122	2	20
Bromoform	<0.780		25.0	19.39		ug/L		78	47 - 122	1	20
Carbon disulfide	<0.450		25.0	27.02		ug/L		108	45 - 137	11	24
Carbon tetrachloride	<0.650		25.0	25.18		ug/L		101	45 - 136	1	20
Chlorobenzene	0.648	J	25.0	22.57		ug/L		88	59 - 120	1	20
Chlorodibromomethane	<0.750		25.0	19.93		ug/L		80	53 - 121	3	20
Chloroform	<1.30		25.0	25.05		ug/L		100	52 - 122	1	20
cis-1,2-Dichloroethene	<0.210		25.0	25.52		ug/L		102	51 - 123	4	20
cis-1,3-Dichloropropene	<0.250		25.0	20.24		ug/L		81	55 - 123	4	20
Dibromomethane	<0.330		25.0	24.22		ug/L		97	57 - 122	1	20
Ethylbenzene	<0.310		25.0	23.76		ug/L		95	53 - 120	1	20
Iodomethane	<7.00		25.0	25.17		ug/L		101	18 - 150	4	32
Methylene chloride	<1.70		25.0	26.82		ug/L		107	59 - 128	4	20
Styrene	<0.370		25.0	24.80		ug/L		99	50 - 125	0	20
Tetrachloroethene	<0.480		25.0	24.27		ug/L		97	51 - 128	0	20
Toluene	<0.430		25.0	21.47		ug/L		86	52 - 120	2	20
trans-1,2-Dichloroethene	<0.270		25.0	24.35		ug/L		97	53 - 127	4	20
trans-1,3-Dichloropropene	<0.560		25.0	21.15		ug/L		85	50 - 123	2	20
trans-1,4-Dichloro-2-butene	<1.10		25.0	21.50		ug/L		86	28 - 150	1	24
Trichloroethene	<0.430		25.0	21.32		ug/L		85	50 - 128	1	20
Vinyl acetate	<2.50		50.0	40.55		ug/L		81	31 - 150	1	25
Xylenes, Total	<0.400		50.0	49.02		ug/L		98	50 - 122	3	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*96*		*76 - 130*
Toluene-d8 (Surr)	*102*		*80 - 120*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*

Method: 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: LB 310-465366/1-E
Matrix: Water
Analysis Batch: 465771

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 465505

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
beta-BHC	<0.0387		0.0921	0.0387	ug/L		09/03/25 12:28	09/05/25 12:12	1
Heptachlor	<0.0212		0.0921	0.0212	ug/L		09/03/25 12:28	09/05/25 12:12	1
gamma-BHC (Lindane)	<0.00921		0.0921	0.00921	ug/L		09/03/25 12:28	09/05/25 12:12	1

Surrogate	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*83*		*10 - 150*	*09/03/25 12:28*	*09/05/25 12:12*	*1*

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LB 310-465366/1-E
Matrix: Water
Analysis Batch: 465771

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 465505

Surrogate	LB %Recovery	LB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	97		17 - 150	09/03/25 12:28	09/05/25 12:12	1

Lab Sample ID: MB 310-465505/1-A
Matrix: Water
Analysis Batch: 465771

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 465505

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
beta-BHC	<0.0414		0.0986	0.0414	ug/L		09/03/25 12:28	09/05/25 11:59	1
Heptachlor	<0.0227		0.0986	0.0227	ug/L		09/03/25 12:28	09/05/25 11:59	1
gamma-BHC (Lindane)	<0.00986		0.0986	0.00986	ug/L		09/03/25 12:28	09/05/25 11:59	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	53		10 - 150	09/03/25 12:28	09/05/25 11:59	1
Tetrachloro-m-xylene	85		17 - 150	09/03/25 12:28	09/05/25 11:59	1

Lab Sample ID: LCS 310-465505/3-A
Matrix: Water
Analysis Batch: 465771

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 465505

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
beta-BHC	2.80	2.686		ug/L		96	53 - 145
Heptachlor	2.80	2.309		ug/L		82	16 - 135
gamma-BHC (Lindane)	2.80	2.805		ug/L		100	57 - 150

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	50		10 - 150
Tetrachloro-m-xylene	90		17 - 150

Lab Sample ID: 310-313960-A-1-I MS
Matrix: Water
Analysis Batch: 465771

Client Sample ID: Matrix Spike
Prep Type: TCLP
Prep Batch: 465505

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
beta-BHC	<0.0392		2.70	2.564		ug/L		95	32 - 150
Heptachlor	<0.0215		2.70	2.608		ug/L		97	10 - 150
gamma-BHC (Lindane)	<0.00933		2.70	2.682		ug/L		99	35 - 150

Surrogate	MS %Recovery	MS Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	73		10 - 150
Tetrachloro-m-xylene	92		17 - 150

Lab Sample ID: 310-313960-A-1-J MSD
Matrix: Water
Analysis Batch: 465771

Client Sample ID: Matrix Spike Duplicate
Prep Type: TCLP
Prep Batch: 465505

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
beta-BHC	<0.0392		2.70	2.292		ug/L		85	32 - 150	11	35
Heptachlor	<0.0215		2.70	2.443		ug/L		91	10 - 150	7	35

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 310-313960-A-1-J MSD
Matrix: Water
Analysis Batch: 465771

Client Sample ID: Matrix Spike Duplicate
Prep Type: TCLP
Prep Batch: 465505

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
gamma-BHC (Lindane)	<0.00933		2.70	2.389		ug/L		89	35 - 150	12	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*74*		*10 - 150*
Tetrachloro-m-xylene	*90*		*17 - 150*

Method: 8151A - Herbicides (GC)

Lab Sample ID: LB 500-832745/1-B
Matrix: Water
Analysis Batch: 833015

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 832853

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	<2.63		25.0	2.63	ug/L		09/08/25 07:30	09/08/25 18:47	1

Surrogate	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid (Surr)	*107*		*25 - 130*	*09/08/25 07:30*	*09/08/25 18:47*	*1*

Lab Sample ID: MB 500-832853/1-A
Matrix: Water
Analysis Batch: 833015

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 832853

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	<0.105		1.00	0.105	ug/L		09/08/25 07:30	09/08/25 17:17	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid (Surr)	*98*		*25 - 130*	*09/08/25 07:30*	*09/08/25 17:17*	*1*

Lab Sample ID: LCS 500-832853/2-A
Matrix: Water
Analysis Batch: 833015

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 832853

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Silvex (2,4,5-TP)	2.50	3.019	*+	ug/L		121	32 - 115

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid (Surr)	*114*		*25 - 130*

Lab Sample ID: LCSD 500-832853/3-A
Matrix: Water
Analysis Batch: 833015

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 832853

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Silvex (2,4,5-TP)	2.50	2.716		ug/L		109	32 - 115	11	20

Method: 8151A - Herbicides (GC) (Continued)

Lab Sample ID: LCSD 500-832853/3-A
Matrix: Water
Analysis Batch: 833015

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 832853

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2,4-Dichlorophenylacetic acid (Surr)	107		25 - 130

Lab Sample ID: 500-274018-C-1-H MS
Matrix: Water
Analysis Batch: 833015

Client Sample ID: Matrix Spike
Prep Type: TCLP
Prep Batch: 832853

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Silvex (2,4,5-TP)	<2.63	*+ F1	62.5	78.66	F1	ug/L		126	32 - 115

Surrogate	MS %Recovery	MS Qualifier	Limits
2,4-Dichlorophenylacetic acid (Surr)	114		25 - 130

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 310-465851/1-A
Matrix: Water
Analysis Batch: 466340

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 465851

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		09/08/25 10:00	09/10/25 14:19	1
Arsenic	<0.000530		0.00200	0.000530	mg/L		09/08/25 10:00	09/10/25 14:19	1
Barium	<0.000660		0.00200	0.000660	mg/L		09/08/25 10:00	09/10/25 14:19	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		09/08/25 10:00	09/10/25 14:19	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		09/08/25 10:00	09/10/25 14:19	1
Chromium	<0.00180		0.00500	0.00180	mg/L		09/08/25 10:00	09/10/25 14:19	1
Cobalt	<0.000170		0.000500	0.000170	mg/L		09/08/25 10:00	09/10/25 14:19	1
Copper	<0.00320		0.00500	0.00320	mg/L		09/08/25 10:00	09/10/25 14:19	1
Lead	<0.000330		0.000500	0.000330	mg/L		09/08/25 10:00	09/10/25 14:19	1
Nickel	<0.00230		0.00500	0.00230	mg/L		09/08/25 10:00	09/10/25 14:19	1
Selenium	<0.00140		0.00500	0.00140	mg/L		09/08/25 10:00	09/10/25 14:19	1
Silver	<0.000500		0.00100	0.000500	mg/L		09/08/25 10:00	09/10/25 14:19	1
Thallium	<0.000570		0.00100	0.000570	mg/L		09/08/25 10:00	09/10/25 14:19	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		09/08/25 10:00	09/10/25 14:19	1
Zinc	<0.0130		0.0200	0.0130	mg/L		09/08/25 10:00	09/10/25 14:19	1
Tin	<0.00250		0.00500	0.00250	mg/L		09/08/25 10:00	09/10/25 14:19	1

Lab Sample ID: LCS 310-465851/2-A
Matrix: Water
Analysis Batch: 466340

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 465851

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.200	0.2042		mg/L		102	80 - 120
Arsenic	0.200	0.1970		mg/L		98	80 - 120
Barium	0.100	0.09732		mg/L		97	80 - 120
Beryllium	0.100	0.09586		mg/L		96	80 - 120
Cadmium	0.100	0.09707		mg/L		97	80 - 120
Chromium	0.100	0.09748		mg/L		97	80 - 120

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 310-465851/2-A
Matrix: Water
Analysis Batch: 466340

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 465851

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cobalt			0.100	0.1002		mg/L		100	80 - 120		
Copper			0.200	0.2025		mg/L		101	80 - 120		
Lead			0.200	0.1960		mg/L		98	80 - 120		
Nickel			0.200	0.1988		mg/L		99	80 - 120		
Selenium			0.400	0.3731		mg/L		93	80 - 120		
Silver			0.100	0.1082		mg/L		108	80 - 120		
Thallium			0.100	0.09411		mg/L		94	80 - 120		
Vanadium			0.100	0.09546		mg/L		95	80 - 120		
Zinc			0.200	0.1876		mg/L		94	80 - 120		
Tin			0.200	0.2018		mg/L		101	80 - 120		

Lab Sample ID: 310-314494-A-4-B MS
Matrix: Water
Analysis Batch: 466340

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 465851

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Antimony	0.00101	J	0.200	0.2315		mg/L		115	75 - 125		
Arsenic	0.00393		0.200	0.2182		mg/L		107	75 - 125		
Barium	0.0968		0.100	0.2033		mg/L		107	75 - 125		
Beryllium	0.000497	J	0.100	0.1084		mg/L		108	75 - 125		
Cadmium	0.000433		0.100	0.09841		mg/L		98	75 - 125		
Chromium	0.0428		0.100	0.1521		mg/L		109	75 - 125		
Cobalt	0.00495		0.100	0.1100		mg/L		105	75 - 125		
Copper	0.0228		0.200	0.2255		mg/L		101	75 - 125		
Lead	0.0116		0.200	0.2078		mg/L		98	75 - 125		
Nickel	0.0121		0.200	0.2131		mg/L		100	75 - 125		
Selenium	0.00174	J	0.400	0.4057		mg/L		101	75 - 125		
Silver	<0.000500		0.100	0.1132		mg/L		113	75 - 125		
Thallium	<0.000570		0.100	0.09018		mg/L		90	75 - 125		
Vanadium	0.0164		0.100	0.1214		mg/L		105	75 - 125		
Zinc	0.264		0.200	0.4657		mg/L		101	75 - 125		
Tin	<0.00250		0.200	0.2053		mg/L		103	75 - 125		

Lab Sample ID: 310-314494-A-4-C MSD
Matrix: Water
Analysis Batch: 466340

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 465851

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	0.00101	J	0.200	0.2257		mg/L		112	75 - 125	3	20
Arsenic	0.00393		0.200	0.2141		mg/L		105	75 - 125	2	20
Barium	0.0968		0.100	0.2141		mg/L		117	75 - 125	5	20
Beryllium	0.000497	J	0.100	0.1047		mg/L		104	75 - 125	3	20
Cadmium	0.000433		0.100	0.09651		mg/L		96	75 - 125	2	20
Chromium	0.0428		0.100	0.1509		mg/L		108	75 - 125	1	20
Cobalt	0.00495		0.100	0.1053		mg/L		100	75 - 125	4	20
Copper	0.0228		0.200	0.2248		mg/L		101	75 - 125	0	20
Lead	0.0116		0.200	0.2074		mg/L		98	75 - 125	0	20
Nickel	0.0121		0.200	0.2092		mg/L		99	75 - 125	2	20
Selenium	0.00174	J	0.400	0.3979		mg/L		99	75 - 125	2	20

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 310-314494-A-4-C MSD
Matrix: Water
Analysis Batch: 466340

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 465851

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Silver	<0.000500		0.100	0.1075		mg/L		107	75 - 125	5	20
Thallium	<0.000570		0.100	0.08792		mg/L		88	75 - 125	3	20
Vanadium	0.0164		0.100	0.1211		mg/L		105	75 - 125	0	20
Zinc	0.264		0.200	0.4597		mg/L		98	75 - 125	1	20
Tin	<0.00250		0.200	0.1972		mg/L		99	75 - 125	4	20

Lab Sample ID: 310-314523-8 DU
Matrix: Water
Analysis Batch: 466340

Client Sample ID: FD-3_25_08
Prep Type: Total/NA
Prep Batch: 465851

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Antimony	<0.00100		<0.00100		mg/L		NC	20
Arsenic	0.00125	J	0.001276	J	mg/L		2	20
Barium	0.0725		0.07250		mg/L		0	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	0.00408		0.004058		mg/L		0.4	20
Copper	<0.00320		<0.00320		mg/L		NC	20
Lead	<0.000330		<0.000330		mg/L		NC	20
Nickel	0.00850		0.008535		mg/L		0.4	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	0.00182	J	0.001893	J	mg/L		4	20
Zinc	<0.0130		<0.0130		mg/L		NC	20
Tin	<0.00250		<0.00250		mg/L		NC	20

Method: I-3765-85 - Residue, Non-filterable (TSS)

Lab Sample ID: MB 310-465343/1
Matrix: Water
Analysis Batch: 465343

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			09/02/25 11:23	1

Lab Sample ID: LCS 310-465343/2
Matrix: Water
Analysis Batch: 465343

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	101.0		mg/L		101	82 - 117

Lab Sample ID: 310-314564-B-7 DU
Matrix: Water
Analysis Batch: 465343

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Suspended Solids	77.0		76.00		mg/L		1	35

Client: Foth Infrastructure & Environment, LLC
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Job ID: 310-314523-1

Method: I-3765-85 - Residue, Non-filterable (TSS)

Lab Sample ID: MB 310-465356/1
Matrix: Water
Analysis Batch: 465356

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			09/02/25 12:07	1

Lab Sample ID: LCS 310-465356/2
Matrix: Water
Analysis Batch: 465356

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	106.0		mg/L		106	82 - 117

Lab Sample ID: 310-314523-7 DU
Matrix: Water
Analysis Batch: 465356

Client Sample ID: MW-307A_25_08
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Suspended Solids	26.0		26.00		mg/L		0	35

Lab Sample ID: 310-314523-15 DU
Matrix: Water
Analysis Batch: 465356

Client Sample ID: MW-20_25_08
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Suspended Solids	75.0		73.00		mg/L		3	35

GC/MS VOA

Analysis Batch: 465378

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-314523-1	MW-29_25_08	Total/NA	Water	8260D	
310-314523-2	MW-30_25_08	Total/NA	Water	8260D	
310-314523-3	MW-300_25_08	Total/NA	Water	8260D	
310-314523-4	MW-301_25_08	Total/NA	Water	8260D	
310-314523-5	MW-302R_25_08	Total/NA	Water	8260D	
310-314523-6	MW-306_25_08	Total/NA	Water	8260D	
310-314523-7	MW-307A_25_08	Total/NA	Water	8260D	
310-314523-8	FD-3_25_08	Total/NA	Water	8260D	
310-314523-9	FD-4_25_08	Total/NA	Water	8260D	
310-314523-10	FB-2_25_08	Total/NA	Water	8260D	
310-314523-11	TB-2_25_08	Total/NA	Water	8260D	
310-314523-12	MW-15_25_08	Total/NA	Water	8260D	
310-314523-13	MW-18_25_08	Total/NA	Water	8260D	
310-314523-14	MW-19_25_08	Total/NA	Water	8260D	
310-314523-15	MW-20_25_08	Total/NA	Water	8260D	
310-314523-16	MW-22_25_08	Total/NA	Water	8260D	
MB 310-465378/6	Method Blank	Total/NA	Water	8260D	
LCS 310-465378/7	Lab Control Sample	Total/NA	Water	8260D	
LCS 310-465378/8	Lab Control Sample	Total/NA	Water	8260D	
310-314523-3 MS	MW-300_25_08	Total/NA	Water	8260D	
310-314523-3 MSD	MW-300_25_08	Total/NA	Water	8260D	

GC Semi VOA

Leach Batch: 465366

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 310-465366/1-E	Method Blank	Total/NA	Water	1311	
310-313960-A-1-I MS	Matrix Spike	TCLP	Water	1311	
310-313960-A-1-J MSD	Matrix Spike Duplicate	TCLP	Water	1311	

Prep Batch: 465505

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-314523-10	FB-2_25_08	Total/NA	Water	3511	
310-314523-16	MW-22_25_08	Total/NA	Water	3511	
LB 310-465366/1-E	Method Blank	Total/NA	Water	3511	465366
MB 310-465505/1-A	Method Blank	Total/NA	Water	3511	
LCS 310-465505/3-A	Lab Control Sample	Total/NA	Water	3511	
310-313960-A-1-I MS	Matrix Spike	TCLP	Water	3511	465366
310-313960-A-1-J MSD	Matrix Spike Duplicate	TCLP	Water	3511	465366

Analysis Batch: 465771

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-314523-10	FB-2_25_08	Total/NA	Water	8081B	465505
LB 310-465366/1-E	Method Blank	Total/NA	Water	8081B	465505
MB 310-465505/1-A	Method Blank	Total/NA	Water	8081B	465505
LCS 310-465505/3-A	Lab Control Sample	Total/NA	Water	8081B	465505
310-313960-A-1-I MS	Matrix Spike	TCLP	Water	8081B	465505
310-313960-A-1-J MSD	Matrix Spike Duplicate	TCLP	Water	8081B	465505

GC Semi VOA

Analysis Batch: 465860

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-314523-16	MW-22_25_08	Total/NA	Water	8081B	465505

Leach Batch: 832745

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 500-832745/1-B	Method Blank	Total/NA	Water	1311	
500-274018-C-1-H MS	Matrix Spike	TCLP	Water	1311	

Prep Batch: 832853

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-314523-16	MW-22_25_08	Total/NA	Water	8151A	
LB 500-832745/1-B	Method Blank	Total/NA	Water	8151A	832745
MB 500-832853/1-A	Method Blank	Total/NA	Water	8151A	
LCS 500-832853/2-A	Lab Control Sample	Total/NA	Water	8151A	
LCSD 500-832853/3-A	Lab Control Sample Dup	Total/NA	Water	8151A	
500-274018-C-1-H MS	Matrix Spike	TCLP	Water	8151A	832745

Analysis Batch: 833015

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-314523-16	MW-22_25_08	Total/NA	Water	8151A	832853
LB 500-832745/1-B	Method Blank	Total/NA	Water	8151A	832853
MB 500-832853/1-A	Method Blank	Total/NA	Water	8151A	832853
LCS 500-832853/2-A	Lab Control Sample	Total/NA	Water	8151A	832853
LCSD 500-832853/3-A	Lab Control Sample Dup	Total/NA	Water	8151A	832853
500-274018-C-1-H MS	Matrix Spike	TCLP	Water	8151A	832853

Metals

Prep Batch: 465851

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-314523-1	MW-29_25_08	Total/NA	Water	3005A	
310-314523-2	MW-30_25_08	Total/NA	Water	3005A	
310-314523-3	MW-300_25_08	Total/NA	Water	3005A	
310-314523-4	MW-301_25_08	Total/NA	Water	3005A	
310-314523-5	MW-302R_25_08	Total/NA	Water	3005A	
310-314523-6	MW-306_25_08	Total/NA	Water	3005A	
310-314523-7	MW-307A_25_08	Total/NA	Water	3005A	
310-314523-8	FD-3_25_08	Total/NA	Water	3005A	
310-314523-9	FD-4_25_08	Total/NA	Water	3005A	
310-314523-10	FB-2_25_08	Total/NA	Water	3005A	
310-314523-12	MW-15_25_08	Total/NA	Water	3005A	
310-314523-13	MW-18_25_08	Total/NA	Water	3005A	
310-314523-14	MW-19_25_08	Total/NA	Water	3005A	
310-314523-15	MW-20_25_08	Total/NA	Water	3005A	
310-314523-16	MW-22_25_08	Total/NA	Water	3005A	
MB 310-465851/1-A	Method Blank	Total/NA	Water	3005A	
LCS 310-465851/2-A	Lab Control Sample	Total/NA	Water	3005A	
310-314494-A-4-B MS	Matrix Spike	Total/NA	Water	3005A	
310-314494-A-4-C MSD	Matrix Spike Duplicate	Total/NA	Water	3005A	
310-314523-8 DU	FD-3_25_08	Total/NA	Water	3005A	

Metals

Analysis Batch: 466340

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-314523-1	MW-29_25_08	Total/NA	Water	6020B	465851
310-314523-2	MW-30_25_08	Total/NA	Water	6020B	465851
310-314523-3	MW-300_25_08	Total/NA	Water	6020B	465851
310-314523-4	MW-301_25_08	Total/NA	Water	6020B	465851
310-314523-5	MW-302R_25_08	Total/NA	Water	6020B	465851
310-314523-6	MW-306_25_08	Total/NA	Water	6020B	465851
310-314523-7	MW-307A_25_08	Total/NA	Water	6020B	465851
310-314523-8	FD-3_25_08	Total/NA	Water	6020B	465851
310-314523-9	FD-4_25_08	Total/NA	Water	6020B	465851
310-314523-10	FB-2_25_08	Total/NA	Water	6020B	465851
310-314523-12	MW-15_25_08	Total/NA	Water	6020B	465851
310-314523-13	MW-18_25_08	Total/NA	Water	6020B	465851
310-314523-14	MW-19_25_08	Total/NA	Water	6020B	465851
310-314523-15	MW-20_25_08	Total/NA	Water	6020B	465851
310-314523-16	MW-22_25_08	Total/NA	Water	6020B	465851
MB 310-465851/1-A	Method Blank	Total/NA	Water	6020B	465851
LCS 310-465851/2-A	Lab Control Sample	Total/NA	Water	6020B	465851
310-314494-A-4-B MS	Matrix Spike	Total/NA	Water	6020B	465851
310-314494-A-4-C MSD	Matrix Spike Duplicate	Total/NA	Water	6020B	465851
310-314523-8 DU	FD-3_25_08	Total/NA	Water	6020B	465851

General Chemistry

Analysis Batch: 465343

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-314523-8	FD-3_25_08	Total/NA	Water	I-3765-85	
310-314523-9	FD-4_25_08	Total/NA	Water	I-3765-85	
MB 310-465343/1	Method Blank	Total/NA	Water	I-3765-85	
LCS 310-465343/2	Lab Control Sample	Total/NA	Water	I-3765-85	
310-314564-B-7 DU	Duplicate	Total/NA	Water	I-3765-85	

Analysis Batch: 465356

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-314523-1	MW-29_25_08	Total/NA	Water	I-3765-85	
310-314523-2	MW-30_25_08	Total/NA	Water	I-3765-85	
310-314523-3	MW-300_25_08	Total/NA	Water	I-3765-85	
310-314523-4	MW-301_25_08	Total/NA	Water	I-3765-85	
310-314523-5	MW-302R_25_08	Total/NA	Water	I-3765-85	
310-314523-6	MW-306_25_08	Total/NA	Water	I-3765-85	
310-314523-7	MW-307A_25_08	Total/NA	Water	I-3765-85	
310-314523-10	FB-2_25_08	Total/NA	Water	I-3765-85	
310-314523-12	MW-15_25_08	Total/NA	Water	I-3765-85	
310-314523-13	MW-18_25_08	Total/NA	Water	I-3765-85	
310-314523-14	MW-19_25_08	Total/NA	Water	I-3765-85	
310-314523-15	MW-20_25_08	Total/NA	Water	I-3765-85	
310-314523-16	MW-22_25_08	Total/NA	Water	I-3765-85	
MB 310-465356/1	Method Blank	Total/NA	Water	I-3765-85	
LCS 310-465356/2	Lab Control Sample	Total/NA	Water	I-3765-85	
310-314523-7 DU	MW-307A_25_08	Total/NA	Water	I-3765-85	
310-314523-15 DU	MW-20_25_08	Total/NA	Water	I-3765-85	

Client Sample ID: MW-29_25_08
Lab Sample ID: 310-314523-1

Date Collected: 08/27/25 14:20
Matrix: Water
Date Received: 08/29/25 15:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	465378	WSE8	EET CF	09/03/25 05:42
Total/NA	Prep	3005A			465851	QTZ5	EET CF	09/08/25 10:00
Total/NA	Analysis	6020B		1	466340	NFT2	EET CF	09/10/25 14:39
Total/NA	Analysis	I-3765-85		1	465356	DGU1	EET CF	09/02/25 12:07

Client Sample ID: MW-30_25_08
Lab Sample ID: 310-314523-2

Date Collected: 08/27/25 15:10
Matrix: Water
Date Received: 08/29/25 15:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	465378	WSE8	EET CF	09/03/25 06:05
Total/NA	Prep	3005A			465851	QTZ5	EET CF	09/08/25 10:00
Total/NA	Analysis	6020B		1	466340	NFT2	EET CF	09/10/25 14:42
Total/NA	Analysis	I-3765-85		1	465356	DGU1	EET CF	09/02/25 12:07

Client Sample ID: MW-300_25_08
Lab Sample ID: 310-314523-3

Date Collected: 08/27/25 16:45
Matrix: Water
Date Received: 08/29/25 15:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	465378	WSE8	EET CF	09/03/25 01:11
Total/NA	Prep	3005A			465851	QTZ5	EET CF	09/08/25 10:00
Total/NA	Analysis	6020B		1	466340	NFT2	EET CF	09/10/25 14:49
Total/NA	Analysis	I-3765-85		1	465356	DGU1	EET CF	09/02/25 12:07

Client Sample ID: MW-301_25_08
Lab Sample ID: 310-314523-4

Date Collected: 08/27/25 15:25
Matrix: Water
Date Received: 08/29/25 15:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	465378	WSE8	EET CF	09/03/25 01:34
Total/NA	Prep	3005A			465851	QTZ5	EET CF	09/08/25 10:00
Total/NA	Analysis	6020B		1	466340	NFT2	EET CF	09/10/25 14:52
Total/NA	Analysis	I-3765-85		1	465356	DGU1	EET CF	09/02/25 12:07

Client Sample ID: MW-302R_25_08
Lab Sample ID: 310-314523-5

Date Collected: 08/27/25 10:45
Matrix: Water
Date Received: 08/29/25 15:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	465378	WSE8	EET CF	09/03/25 01:56
Total/NA	Prep	3005A			465851	QTZ5	EET CF	09/08/25 10:00
Total/NA	Analysis	6020B		1	466340	NFT2	EET CF	09/10/25 14:55
Total/NA	Analysis	I-3765-85		1	465356	DGU1	EET CF	09/02/25 12:07

Client Sample ID: MW-306_25_08
Lab Sample ID: 310-314523-6

Date Collected: 08/27/25 11:15
Matrix: Water
Date Received: 08/29/25 15:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	465378	WSE8	EET CF	09/03/25 06:27
Total/NA	Prep	3005A			465851	QTZ5	EET CF	09/08/25 10:00
Total/NA	Analysis	6020B		1	466340	NFT2	EET CF	09/10/25 14:57
Total/NA	Analysis	I-3765-85		1	465356	DGU1	EET CF	09/02/25 12:07

Client Sample ID: MW-307A_25_08
Lab Sample ID: 310-314523-7

Date Collected: 08/27/25 12:30
Matrix: Water
Date Received: 08/29/25 15:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	465378	WSE8	EET CF	09/03/25 06:50
Total/NA	Prep	3005A			465851	QTZ5	EET CF	09/08/25 10:00
Total/NA	Analysis	6020B		1	466340	NFT2	EET CF	09/10/25 15:00
Total/NA	Analysis	I-3765-85		1	465356	DGU1	EET CF	09/02/25 12:07

Client Sample ID: FD-3_25_08
Lab Sample ID: 310-314523-8

Date Collected: 08/27/25 00:00
Matrix: Water
Date Received: 08/29/25 15:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	465378	WSE8	EET CF	09/03/25 02:19
Total/NA	Prep	3005A			465851	QTZ5	EET CF	09/08/25 10:00
Total/NA	Analysis	6020B		1	466340	NFT2	EET CF	09/10/25 15:02
Total/NA	Analysis	I-3765-85		1	465343	DGU1	EET CF	09/02/25 11:23

Client Sample ID: FD-4_25_08
Lab Sample ID: 310-314523-9

Date Collected: 08/27/25 00:00
Matrix: Water
Date Received: 08/29/25 15:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	465378	WSE8	EET CF	09/03/25 02:41
Total/NA	Prep	3005A			465851	QTZ5	EET CF	09/08/25 10:00
Total/NA	Analysis	6020B		1	466340	NFT2	EET CF	09/10/25 15:07
Total/NA	Analysis	I-3765-85		1	465343	DGU1	EET CF	09/02/25 11:23

Client Sample ID: FB-2_25_08
Lab Sample ID: 310-314523-10

Date Collected: 08/27/25 10:30
Matrix: Water
Date Received: 08/29/25 15:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	465378	WSE8	EET CF	09/03/25 03:04
Total/NA	Prep	3511			465505	BW2O	EET CF	09/03/25 12:33
Total/NA	Analysis	8081B		1	465771	BW2O	EET CF	09/05/25 16:06
Total/NA	Prep	3005A			465851	QTZ5	EET CF	09/08/25 10:00
Total/NA	Analysis	6020B		1	466340	NFT2	EET CF	09/10/25 15:10

Client Sample ID: FB-2_25_08
Lab Sample ID: 310-314523-10
Date Collected: 08/27/25 10:30
Matrix: Water
Date Received: 08/29/25 15:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	I-3765-85		1	465356	DGU1	EET CF	09/02/25 12:07

Client Sample ID: TB-2_25_08
Lab Sample ID: 310-314523-11
Date Collected: 08/27/25 00:00
Matrix: Water
Date Received: 08/29/25 15:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	465378	WSE8	EET CF	09/03/25 03:27

Client Sample ID: MW-15_25_08
Lab Sample ID: 310-314523-12
Date Collected: 08/27/25 12:05
Matrix: Water
Date Received: 08/29/25 15:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	465378	WSE8	EET CF	09/03/25 03:49
Total/NA	Prep	3005A			465851	QTZ5	EET CF	09/08/25 10:00
Total/NA	Analysis	6020B		1	466340	NFT2	EET CF	09/10/25 15:12
Total/NA	Analysis	I-3765-85		1	465356	DGU1	EET CF	09/02/25 12:07

Client Sample ID: MW-18_25_08
Lab Sample ID: 310-314523-13
Date Collected: 08/27/25 16:10
Matrix: Water
Date Received: 08/29/25 15:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	465378	WSE8	EET CF	09/03/25 04:12
Total/NA	Prep	3005A			465851	QTZ5	EET CF	09/08/25 10:00
Total/NA	Analysis	6020B		1	466340	NFT2	EET CF	09/10/25 15:20
Total/NA	Analysis	I-3765-85		1	465356	DGU1	EET CF	09/02/25 12:07

Client Sample ID: MW-19_25_08
Lab Sample ID: 310-314523-14
Date Collected: 08/27/25 16:50
Matrix: Water
Date Received: 08/29/25 15:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	465378	WSE8	EET CF	09/03/25 04:35
Total/NA	Prep	3005A			465851	QTZ5	EET CF	09/08/25 10:00
Total/NA	Analysis	6020B		1	466340	NFT2	EET CF	09/10/25 15:23
Total/NA	Analysis	I-3765-85		1	465356	DGU1	EET CF	09/02/25 12:07

Client Sample ID: MW-20_25_08
Lab Sample ID: 310-314523-15
Date Collected: 08/27/25 14:30
Matrix: Water
Date Received: 08/29/25 15:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	465378	WSE8	EET CF	09/03/25 04:57

Lab Chronicle

Client: Foth Infrastructure & Environment, LLC
Job ID: 310-314523-1
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Client Sample ID: MW-20_25_08
Lab Sample ID: 310-314523-15
Date Collected: 08/27/25 14:30
Matrix: Water
Date Received: 08/29/25 15:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3005A			465851	QTZ5	EET CF	09/08/25 10:00
Total/NA	Analysis	6020B		1	466340	NFT2	EET CF	09/10/25 15:25
Total/NA	Analysis	I-3765-85		1	465356	DGU1	EET CF	09/02/25 12:07

Client Sample ID: MW-22_25_08
Lab Sample ID: 310-314523-16
Date Collected: 08/27/25 16:00
Matrix: Water
Date Received: 08/29/25 15:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	465378	WSE8	EET CF	09/03/25 05:20
Total/NA	Prep	3511			465505	BW2O	EET CF	09/03/25 12:33
Total/NA	Analysis	8081B		1	465860	BW2O	EET CF	09/05/25 18:29
Total/NA	Prep	8151A			832853	CI	EET CHI	09/08/25 07:30
Total/NA	Analysis	8151A		1	833015	H7CM	EET CHI	09/09/25 00:48
Total/NA	Prep	3005A			465851	QTZ5	EET CF	09/08/25 10:00
Total/NA	Analysis	6020B		1	466340	NFT2	EET CF	09/10/25 15:28
Total/NA	Analysis	I-3765-85		1	465356	DGU1	EET CF	09/02/25 12:07

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: 310-314523-1
Project/Site: CRLCSWA Site 2 GW - Spring 2025

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
I-3765-85		Water	Total Suspended Solids

Laboratory: Eurofins Chicago

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

Authority	Program	Identification Number	Expiration Date
Iowa	State	082	05-01-26

Method Summary

Client: Foth Infrastructure & Environment, LLC
Job ID: 310-314523-1
Project/Site: CRLCSWA Site 2 GW - Spring 2025

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by 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
I-3765-85	Residue, Non-filterable (TSS)	USGS	EET CF
3005A	Preparation, Total Metals	SW846	EET CF
3511	Microextraction of Organic Compounds	SW846	EET CF
5030B	Purge and Trap	SW846	EET CF
8151A	Extraction (Herbicides)	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

eurofins | Environment Testing America

310-314523 Chain of Custody

Cooler/Sample Receipt and Temperature Log Form

Client Information

Client: Foth Infrastructure

City/State: CITY | STATE | Project.

Receipt Information

Date/Time Received: DATE 8.29.25 | TIME 1505 | Received By: CGC

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): | Corrected Temp (°C):

• **Sample Container Temperature**

	CONTAINER 1	CONTAINER 2
Container(s) used:	1L Plastic Unpreserved	
Uncorrected Temp (°C):	5.6	
Corrected Temp (°C):	5.6	

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 | STATE | Project

Receipt Information

Date/Time Received: DATE 8.29.25 | TIME 1505 | Received By: CGC

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) | Corrected Temp (°C)

• **Sample Container Temperature**

	CONTAINER 1	CONTAINER 2
Container(s) used:	1L Plastic Unpreserved	
Uncorrected Temp (°C):	2.6	
Corrected Temp (°C):	2.6	

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 | STATE | Project:

Receipt Information

Date/Time Received: DATE 8.29.25 | TIME 1505 | Received By: CGC

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? ↓

MW-307A-25-08, MW-302R-25-08, FB-2-25-05, MW-306-25-08

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): 0.2 | Corrected Temp (°C): 0.2

• **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: 2 of 4

COC Number: 1-3865545471-072425-645825

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. Karmin McShane (CRLCSWA)		Project #: 25C051 00
Phone: (319) 365-9565	P O		Profile #:
Email Addresses: g na wilming@foth.com	Project Name: CRLCSWA Site 2 GW - Spring 2025	Regulatory Agency: Iowa DNR	Sampling Team Members: Curtis Schwartz Tyler Merritt
hannah.dubbs@foth.com	Task #: 25C051_25_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: IA Appendix I List	TSS	Benzene	Cobalt	2,4-D	2,4,5-TP (Silvex)	beta-BHC	gamma-BHC (Lindane)	Heptachlor	Appendix I VOCs	Filtered (Y/N)	REMARKS / Lab ID
13	MW-29_25_08	MW-29	WG	G	8/27/25	14:20	8	4		1	3					X	X	X								
14	MW-30_25_08	MW-30	WG	G	8/27	15:10	8	4		1	3					X	X	X								
15	MW-201B_25_08	MW-201B	WG	G											X	X			X	X	X	X	X			
16	MW-300_25_08	MW-300	WG	G	8/27	16:45	8	4		1	3				X	X										
17	MW-301_25_08	MW-301	WG	G	8/27	15:25	8	4		1	3				X	X										
18	MW-302R_25_08	MW-302R	WG	G	8/27	10:45	8	4		1	3				X	X										
19	MW-303_25_08	MW-303	WG	G											X	X			X			X	X			
20	MW-304R_25_08	MW-304R	WG	G											X	X										
21	MW-305_25_08	MW-305	WG	G											X	X										
22	MW-306_25_08	MW-306	WG	G	8/27	11:15	8	4		1	3					X	X	X								
23	MW-307A_25_08	MW-307A	WG	G	8/27	12:30	8	4		1	3					X	X	X								
24	MW-501_25_08	MW-501	WG	G											X	X										

SHIPMENT METHOD	AIRBILL NO.	SHIPPING DATE	NO. OF COOLERS	ITEM #	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
					Tyler Merritt OA Tech Svcs	8/29	830	CGC Eurofins 8.29.25	1505	

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 8/29/25

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9/11/2025

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CHAIN-OF-CUSTODY / Analytical Request Document

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Page: 3 of 4

COC Number: 1-3865545471-072425-645825

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: Karmin McShane (CRLCSWA)		Project #: 25C051 00
Phone: (319) 365-9565	P O		Profile #:
Email Addresses: gina.wilming@foth.com	Project Name: CRLCSWA Site 2 GW - Spring 2025	Regulatory Agency: Iowa DNR	Sampling Team Members: Curtis Schwartz Tyler Merritt
hannah.dubbs@foth.com	Task #: 25C051_25_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: IA Appendix I List	TSS	Benzene	Cobalt	2,4-D	2,4,5-TP (Silvex)	beta-BHC	gamma-BHC (Lindane)	Heptachlor	Appendix I VOCs	Filtered (Y/N)	REMARKS / Lab ID
															N	N	N	N	N	N	N	N	N	N		
25	MW-502_25_08	MW-502	WG	G											X	X										
26	FD-1_25_08		WG	G											X	X										
27	FD-2_25_08		WG	G											X	X										
28	FD-3_25_08		WG	G	8/27/25	—	8	4		1	3				X	X										
29	FD-4_25_08		WG	G	8/27	—	8	4		1	3				X	X										
30	FB-1_25_08	Field Blank	WG	G											X	X			X	X	X	X	X			
31	FB-2_25_08	Field Blank	WG	G	8/27	10:30	12	8		1	3				X	X			X	X	X	X	X			
32	TB-1_25_08	Trip Blank	WG	G																				X		
33	TB-2_25_08	Trip Blank	WG	G	—	—	4	2			2													X		
34	TB-3_25_08	Trip Blank	WG	G																				X		
35	TB-4_25_08	Trip Blank	WG	G																				X		
36	MW-204A_25_08	MW-204A	WG	G											X	X										

SHIPMENT METHOD	AIRBILL NO.	SHIPPING DATE	NO. OF COOLERS	ITEM #	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
					Tyler Merritt OA Tech SUS	8/29	830	C&C Customs	8.29.25	1505

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: 8/29/25

Page 3 of 4

9/11/2025

Foth

CHAIN-OF-CUSTODY / Analytical Request Document

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Page: 1 of 4 **COC Number:** 1-3865545471-072425-645825

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. Karmin McShane (CRLCSWA)		Project #: 25C051 00
Phone: (319) 365-9565	P O		Profile #:
Email Addresses: g na wilming@foth.com	Project Name: CRLCSWA Site 2 GW - Fall 2025	Regulatory Agency: Iowa DNR	Sampling Team Members: Curtis Schwartz Tyler Merritt
hannah.dubbs@foth.com	Task #: 25C051_25_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: IA Appendix I List	TSS	Benzene	Cobalt	2,4-D	2,4,5-TP (Silvex)	beta-BHC	gamma-BHC (Lindane)	Heptachlor	Appendix I VOCs	Filtered (Y/N)	REMARKS / Lab ID
1	GU-1_25_08	GU-1	WG	G											X	X										
2	GU-L_25_08	GU-L	WG	G											X	X										
3	GU-O_25_08	GU-O	WG	G											X	X										
4	GU-P_25_08	GU-P	WG	G											X	X										
5	MW-9AR_25_08	MW-9AR	WG	G											X	X			X	X	X	X	X			
6	MW-15_25_08	MW-15	WG	G	8/27/25	12:05	8	4			1	3			X	X										
7	MW-18_25_08	MW-18	WG	G	8/27	16:10	8	4			1	3			X	X										
8	MW-19_25_08	MW-19	WG	G	8/27	16:50	8	4			1	3			X	X										
9	MW-20_25_08	MW-20	WG	G	8/27	14:30	8	4			1	3			X	X										
10	MW-22_25_08	MW-22	WG	G	8/27	16:00	12	8			1	3			X	X				X	X					
11	MW-24_25_08	MW-24	WG	G											X	X										
12	MW-26A_25_08	MW-26A	WG	G											X	X										

SHIPMENT METHOD	AIRBILL NO.	SHIPPING DATE	NO. OF COOLERS	ITEM #	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
					Tyler Merritt OA Tech Svcs	8/29	830	CGC Eurofins 8.29.25		1605

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: 8/29/25

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9/11/2025

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: N/A	Lab PM: Calhoun, Conner M	Carrier Tracking No(s): N/A	COC No: 310-86465 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 #: 310-314523-1
Address: 18410 Crossing Drive Suite E,	Due Date Requested: 9/15/2025			
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: CRLCSWA Site 2 GW - Spring 2025	Project #: 31009776			
Site: N/A	SSOW#: N/A			

310-314523 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)	8151A/8151A_AP_LVI(MOD) Standard Herbicides	Total Number of containers	Special Instructions/Note:
			Preservation Code						
FB 2_25_08 (310-314523-10)	8/27/25	10 30 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]	9225 1600		[signature]	9/3/25 0900	
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		1.6-7.4

Login Sample Receipt Checklist

Client: Foth Infrastructure & Environment, LLC

Job Number: 310-314523-1

Login Number: 314523

List Source: Eurofins Cedar Falls

List Number: 1

Creator: Patterson, Brody

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	

Login Sample Receipt Checklist

Client: Foth Infrastructure & Environment, LLC

Job Number: 310-314523-1

Login Number: 314523
List Number: 2
Creator: Scott, Sherri L

List Source: Eurofins Chicago
List Creation: 09/03/25 11:14 AM

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	1.4
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.	False	
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:	CRLCSWA Site 2 – Cedar Rapids, IA (25C051.00)
Task Name:	25C051_25_08
Data Set Description:	Fall 2025 Groundwater Event
Laboratory(s):	Eurofins – Cedar Falls, IA and Chicago, IL
Laboratory Sample Delivery Group (SDG) ID(s):	310-314248-1, 310-314523-1
Sample Collection Dates:	8/25/2025 – 8/27/2025
Sample Analysis Dates:	8/28/2025 – 9/10/2025
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 Env Scientist 9/29/2025

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 32 investigative groundwater samples collected via low-flow sampling techniques (monitoring wells) or grab sampling techniques (underdrains) at the Cedar Rapids Linn County Solid Waste Agency (CRLCSWA) Site 2 from August 25-27, 2025; samples are listed in Table 1. The data were collected in accordance with the *Hydrologic Monitoring System Plan* (HDR, 2021), Iowa Department of Natural Resources (IDNR) Sanitary Disposal Permit Number 57-SDP-01-72P, and 567 Iowa Administrative Code (IAC) 113.10.

Validation Summary

Stage 2A data validation was performed on 100% of the data from these 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, with the exception listed below. Parameters and analytical methods analyzed match the COC and current sampling program. The "Accepted By" signature was missing on page 2 of the COC for 310-314248-1. All signatures were present on the remaining pages of both SDGs. Trip blanks TB-3_25_08 and TB-4_25_08 were provided by the lab but were not analyzed since only two shipments of volatile organic samples occurred and trip blanks TB-1_25_08 and TB-2_25_08 were utilized as the trip blanks for those shipments.	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 narratives were reviewed and found acceptable. Issues either were addressed in the comments below, had no impact on investigative samples, or were corrected/qualified by the laboratory. No additional actions are required. Note: Continuing calibration verification (CCV) 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 condition. Herbicide sample shipments from Eurofins - Cedar Falls, IA to Eurofins – Chicago, IL were received in acceptable condition.	No qualifiers assigned
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 8151A Herbicides, USEPA 8081B Organochlorine Pesticides, USEPA 6020B Total Metals, and United States Geological Survey (USGS) I-3765-85 Total Suspended Solids.	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. Note that 2,4,5-TP was not analyzed in FB-2_25_08 due to a hold time exceedance. Foth instructed Eurofins not to proceed with re-preparation and re-analysis since this sample is a field blank.	Not applicable
Holding Times Confirm laboratory performed extractions and analyses within method-required holding times.	Eurofins performed analyses within the method-required holding times with the exception below. <u>310-314523-1</u> Analysis for herbicides per USEPA Method 8151A is required to be extracted within 7 days of sampling and analyzed within 40 days of extraction. MW-22_25_08 was re-prepared outside of preparation holding time due to the original analysis missing surrogate and spike peaks. No guidance is provided in the *National Functional Guidelines for Organic Superfund Methods Data Review* (USEPA, 2020a) for herbicides analyses regarding this issue. However, professional judgment was utilized to qualify the results for MW-22_25_08 with a UJ qualifier. Resampling was not recommended since 2,4,5-TP has only been detected once, during the September 2009 event.	Yes, qualifier assigned; Resampling not recommended
Blanks Confirm no detections in laboratory method blanks, field blanks, and trip blanks.	Table 3 presents analytes detected in the method, field, and trip blanks. No detections were found in the method and trip blanks for 310-314248-1 and the method, field, and trip blanks for laboratory report 310-314523-1. <u>310-314248-1</u> Toluene was detected in the field blank (310-314248-16) at an estimated concentration of 0.511 J micrograms per liter (ug/L). All sample results associated with this field blank were non-detect for toluene. No qualifiers were assigned.	No qualifiers assigned

Validation Task and Description	Review Notes	Action
Surrogates or Deuterated Monitoring Compounds For *organic analyses only*, confirm surrogates analyzed and surrogate recovery within QC limits.	Table 4 presents the surrogate recoveries that were outside the control limits. Surrogate recoveries were within control limits for 310-314523-1. 310-314248-1 2,4-Dichlorophenylacetic acid recovery was outside control limits for herbicide analysis of sample MW-9AR_25_08. All analytes were non-detect in this sample; therefore, no qualifiers were assigned.	No qualifiers assigned
Matrix Spike/Matrix Spike Duplicates (MS/MSD) Continued 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 310-314248-1 and 310-314523-1 are reviewed under Stage 2A validation guidelines. Table 5 is intended to present MS/MSD recoveries and RPDs that were outside the control limits. All MS/MSD recoveries and RPDs were within control limits for 310-314248-1 and 310-314523-1.	No qualifiers assigned
Laboratory Control Sample/Laboratory Control Sample Duplicates (LCS/LCSDs) 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 310-314248-1 and 310-314523-1 are reviewed under Stage 2A validation guidelines. Table 6 presents the LCS/LCSD recoveries and RPDs that were outside the control limits. LCS/LCSD recoveries and RPDs were within control limits for 310-314523-1. 310-314248-1 The recovery for 2,4,5-TP was outside control limits in LCSD 500-832144/3-A and LCS 500-832853/2-A. No qualifiers were assigned because associated sample results were non-detect and qualifiers are typically only assigned if both LCS/LCSD recoveries are outside the recovery limits.	No qualifiers assigned
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 310-314248-1 and 310-314523-1 are reviewed under Stage 2A validation guidelines. Table 7 presents the lab duplicate sample RPDs that were outside the RPD limits. Lab duplicate RPDs were within control limits for 310-314523-1. 310-314248-1 The RPD for cadmium was outside control limits for sample 310-314248-12 DU. No qualifier was assigned because one or both sample results are less than 5x the reporting limit and the absolute difference between the sample result and the lab duplicate result is less than the reporting limit.	No qualifiers assigned

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. All RPDs were within control limits for 310-314248-1 and 310-314523-1.	No qualifiers assigned

Abbreviations:
CCV = continuing calibration verification
HMSP = Hydrologic Monitoring System Plan
LCS = laboratory control sample
LCSD = laboratory control sample duplicate
MS = matrix spike
MSD = matrix spike duplicate
QA = quality assurance
QC = quality control
RPD = relative percent difference
SCUR = sample condition upon receipt
SDG = sample delivery group
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		Samples were collected, preserved, shipped/delivered, and analyzed within the method protocols except for 2,4,5-TP for MW-22_25_08. MW-22_25_08 was re-prepared outside of preparation holding time due to the original analysis missing surrogate and spike peaks.
2. Precision	X		Field precision was evaluated through investigative and field duplicate RPDs. The RPDs for parent and field duplicate samples were within control limits. Laboratory precision was evaluated through MS/MSD, LCS/LCSD, and laboratory duplicate RPDs. Where analyzed and reported by the laboratory, RPDs were within control limits for these analyses except for one laboratory duplicate. The RPD for cadmium was outside control limits for 310-314248-12 DU, but no qualifier was assigned.
3. Accuracy	X		Accuracy was evaluated through surrogate, MS/MSD, and LCS/LCSD recovery. The percent recoveries for surrogate samples were within control limits, except for 2,4-dichlorophenylacetic acid in MW-9AR_25_08, and no qualifier was assigned because the associated result was non-detect.. Where analyzed and reported by the laboratory, MS/MSD percent recoveries were within control limits. LCS/LCSD percent recoveries were within control limits except for 2,4,5-TP in LCSD 500-832144/3-A and LCS 500-832853/2-A, and no qualifiers were assigned because associated sample results were non-detect.

Item	Acceptable		Comments
	Yes	No	
4. Representativeness	X		Sampling was conducted in accordance with the sample collection procedures described in the approved HMSP.
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 applicable quality assurance/quality control (QA/QC) measurements that were used by the laboratories during the analysis of the samples were generally acceptable. One sample result 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.

- No results were qualified during validation review as estimated (assigned as J qualifiers), biased high (assigned J+ qualifier), biased low (assigned as J- qualifier), non-detect at concentrations less than the reporting limit or less than the sample result (assigned as U qualifier), non-detect with the reporting limit an estimated value that is biased high or low (assigned as UJ+ or UJ- qualifiers), presumptive evidence of the presence of an analyte (assigned as N or NJ qualifiers), or not useable and rejected (assigned as R qualifiers).
- One (1) result (0.04%) was qualified as non-detect at concentrations less than the reporting limit and the reporting limit is an estimated value (assigned as UJ qualifier).
- The percentage of data usable for project data quality objectives is 100%.
- One (1) analyte/well pair was not analyzed. 2,4,5-TP was not analyzed for field blank FB-2_25_08 since the original analysis was missing surrogate and spike peaks and re-preparation would occur outside holding time. Foth instructed Eurofins not to proceed with re-preparation and re-analysis since this sample is a field blank.

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
GU-1_25_08	310-314248-1	Yes	Yes	Yes	Yes	Normal
GU-L_25_08	310-314248-2	Yes	Yes	Yes	Yes	Normal
GU-O_25_08	310-314248-3	Yes	Yes	Yes	Yes	Normal
GU-P_25_08	310-314248-4	Yes	Yes	Yes	Yes	Normal
MW-9AR_25_08	310-314248-5	Yes	Yes	Yes	Yes	Normal
MW-24_25_08	310-314248-6	Yes	Yes	Yes	Yes	Normal
MW-26A_25_08	310-314248-7	Yes	Yes	Yes	Yes	Normal
MW-201B_25_08	310-314248-8	Yes	Yes	Yes	Yes	Normal
MW-303_25_08	310-314248-9	Yes	Yes	Yes	Yes	Normal
MW-304R_25_08	310-314248-10	Yes	Yes	Yes	Yes	Normal
MW-305_25_08	310-314248-11	Yes	Yes	Yes	Yes	Normal
MW-501_25_08	310-314248-12	Yes	Yes	Yes	Yes	Normal
MW-502_25_08	310-314248-13	Yes	Yes	Yes	Yes	Normal
FD-1_25_08	310-314248-14	Yes	Yes	Yes	Yes	FD
FD-2_25_08	310-314248-15	Yes	Yes	Yes	Yes	FD
FB-1_25_08	310-314248-16	Yes	Yes	Yes	Yes	FB
TB-1_25_08	310-314248-17	Yes	Yes	Yes	Yes	TB
MW-204A_25_08	310-314248-18	Yes	Yes	Yes	Yes	Normal
MW-204B_25_08	310-314248-19	Yes	Yes	Yes	Yes	Normal
MW-213A_25_08	310-314248-20	Yes	Yes	Yes	Yes	Normal
MW-213B_25_08	310-314248-21	Yes	Yes	Yes	Yes	Normal
MW-214_25_08	310-314248-22	Yes	Yes	Yes	Yes	Normal
MW-215_25_08	310-314248-23	Yes	Yes	Yes	Yes	Normal
MW-218_25_08	310-314248-24	Yes	Yes	Yes	Yes	Normal
MW-29_25_08	310-314523-1	Yes	Yes	Yes	Yes	Normal
MW-30_25_08	310-314523-2	Yes	Yes	Yes	Yes	Normal
MW-300_25_08	310-314523-3	Yes	Yes	Yes	Yes	Normal
MW-301_25_08	310-314523-4	Yes	Yes	Yes	Yes	Normal
MW-302R_25_08	310-314523-5	Yes	Yes	Yes	Yes	Normal
MW-306_25_08	310-314523-6	Yes	Yes	Yes	Yes	Normal
MW-307A_25_08	310-314523-7	Yes	Yes	Yes	Yes	Normal
FD-3_25_08	310-314523-8	Yes	Yes	Yes	Yes	FD
FD-4_25_08	310-314523-9	Yes	Yes	Yes	Yes	FD
FB-2_25_08	310-314523-10	Yes	Yes	Yes	Yes	FB
TB-2_25_08	310-314523-11	Yes	Yes	Yes	Yes	TB
MW-15_25_08	310-314523-12	Yes	Yes	Yes	Yes	Normal
MW-18_25_08	310-314523-13	Yes	Yes	Yes	Yes	Normal
MW-19_25_08	310-314523-14	Yes	Yes	Yes	Yes	Normal
MW-20_25_08	310-314523-15	Yes	Yes	Yes	Yes	Normal
MW-22_25_08	310-314523-16	Yes	Yes	Yes	**No**	Normal

Notes:

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	Analysis Batch	Prep Batch	Parameter	Result	Units	Lab Qualifier	MDL	PQL	Associated Samples
310-314248-1	FB	310-314248-16	465030	N/A	Toluene	0.511	ug/L	J	0.430	1.00	Investigative and FD samples in 310-314248-1

Notes:
FB = field blank
FD = field duplicate
MDL = method detection limit
PQL = practical quantitation limit
ug/L = micrograms per liter

Table 4
Surrogate Recovery Exceedances

Lab Sample ID	Parent Sample	Parameter	Surrogate % Recovery	% Recovery Limits	
310-314248-5	MW-9AR_25_08	2,4-Dichlorophenylacetic Acid	278	25	130

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 these SDGs							

Notes:
% = percent
MS = matrix spike
MSD = matrix spike duplicate
RPD = relative percent difference
SDG = sample delivery group

Table 6
Laboratory Control Sample and Laboratory Control Sample Duplicate Exceedances

Lab Sample ID	Associated SDG Batch	Parameter	LCS % Recovery	LCSD % Recovery	% Recovery Limits		RPD	RPD Limit
LCS 500-832144/2-A	832144	Silvex (2,4,5-TP)	108	118	32	115	4	20
LCSD 500-832144/3-A								
LCS 500-832853/2-A	832853	Silvex (2,4,5-TP)	121	109	32	115	11	20
LCSD 500-832853/3-A								

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

Table 7
Laboratory Duplicate Sample Exceedances

Lab Sample ID	Client Sample ID	Parameter	RPD	RPD Limit
310-314248-12 DU	MW-501_25_08	Cadmium	22	20

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-501_25_08	**FD-1_25_08**		
Barium	mg/L	0.0187	0.0192	2.6%	Yes
Cadmium	mg/L	J 0.000161	J 0.000144	low-level	Yes
Cobalt	mg/L	0.00724	0.00721	0.4%	Yes
Nickel	mg/L	0.0184	0.0182	low-level	Yes
Total Suspended Solids	mg/L	2.00	1.88	low-level	Yes
		MW-24_25_08	**FD-2_25_08**		
Arsenic	mg/L	J 0.000730	J 0.000755	low-level	Yes
Barium	mg/L	0.0504	0.0504	0.0%	Yes
Cobalt	mg/L	J 0.000332	J 0.000324	low-level	Yes
Nickel	mg/L	0.0133	0.0131	low-level	Yes
		MW-15_25_08	**FD-3_25_08**		
Arsenic	mg/L	J 0.00129	J 0.00125	low-level	Yes
Barium	mg/L	0.0717	0.0725	1.1%	Yes
Cobalt	mg/L	0.00418	0.00408	2.4%	Yes
Copper	mg/L	J 0.00388	< 0.00320	low-level	Yes
Nickel	mg/L	0.00834	0.00850	low-level	Yes
Vanadium	mg/L	J 0.00190	J 0.00182	low-level	Yes
		MW-300_25_08	**FD-4_25_08**		
1,4-Dichlorobenzene	ug/L	J 0.790	J 0.823	low-level	Yes
Chlorobenzene	ug/L	J 0.648	J 0.683	low-level	Yes
Antimony	mg/L	J 0.00122	< 0.00100	low-level	Yes
Arsenic	mg/L	J 0.000719	J 0.000731	low-level	Yes
Barium	mg/L	0.0945	0.0938	0.7%	Yes
Cobalt	mg/L	J 0.000389	J 0.000358	low-level	Yes
Nickel	mg/L	J 0.00468	J 0.00500	low-level	Yes
Tin	mg/L	J 0.00423	< 0.00250	low-level	Yes
Total Suspended Solids	mg/L	J 1.63	< 1.31	low-level	Yes

Table 9
Qualified Results from Data Validation

Sample ID	Lab Sample ID	Method	Parameter	Result	Lab Qualifier	Units	Qualified Result	Validator Qualifier	Explanation
MW-22_25_08	310-314523-16	USEPA 8151A	Silvex (2,4,5-TP)	<0.108	H *+	ug/L	<0.108	UJ	Analysis outside recommended method holding time. Qualified UJ since result is non-detect.

Notes:
This table only lists validator qualified data. Not all laboratory qualified data are listed; only the laboratory data that was validator qualified are included.
ug/L = micrograms per liter
USEPA = United States Environmental Protection Agency

Attachment 2

References

References

HDR, 2021. *2021 Landfill Permit Renewal Application, Cedar Rapids Linn County Solid Waste Agency, Site 2, Permit No. 57-SDP-01-72P, Appendix J: Hydrologic Monitoring System Plan.* September 16.

United States Environmental Protection Agency (USEPA, 2020a). *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.

USEPA, 2020b. *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.

Updated Data Validation Standard Operating Procedure

Foth Infrastructure & Environment, LLC

Standard Operating Procedure

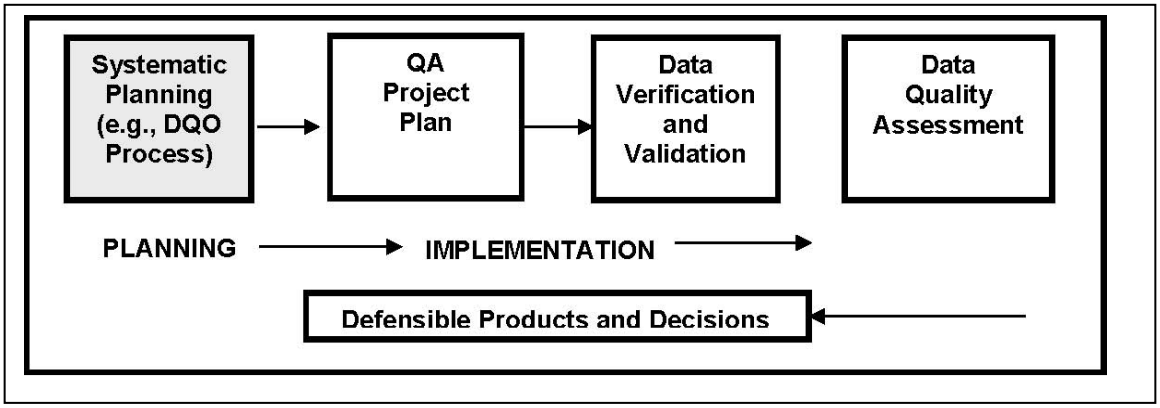
Data Verification, Validation, and Qualification

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.

Foth Infrastructure & Environment, LLC

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

Site 2 Statistical Analysis – Winter 2025 Evaluation
Site 2 Statistical Analysis – Spring 2025 Evaluation
Site 2 Statistical Analysis – Fall 2025 Evaluation

Memorandum

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April 18, 2025

TO: Iowa Department of Natural Resources

FR: Gina Wilming

RE: Site 2 Statistical Analysis - Winter 2025 Evaluation

1 Memorandum Organization

This memo addresses the statistical analysis of the groundwater monitoring data collected in February 2025. The statistical methods and results are summarized, with the memo organization given as follows:

Attachments

2 Background

In February 2025, a retest sample was collected for zinc in GU-O 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 19 of the 2025 Annual Water Quality Report (AWQR).

Under the detection monitoring programs of 567 IAC 113.10(5), Appendix I monitoring results are statistically compared to background levels as given in 567 IAC 113.10(6)e. Based on the April 2015 through February 2025 results, this memo presents an evaluation of statistically significant increases (SSIs) under the requirements of paragraphs 113.10(4)g and h of 567 IAC.

3 Statistical Methodology

The statistical method utilized for evaluating the retest result was consistent with the methods used during the Fall 2024 statistical evaluation and outlined in the approved *Hydrologic Monitoring System Plan* (HDR, 2021). Detailed descriptions of the statistical methods are

provided in Attachment 1. Sanitas® v10.0 (Sanitas Technologies) software was utilized to complete statistical comparisons.

4 Comparison to Background Levels

4.1 Double Quantification Rule

The DQR was used to evaluate an SSI over background for zinc in GU-O. The DQR output is included in Attachment 2. 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 zinc in GU-O.

5 Conclusions

In February 2025, a retest sample was collected for zinc in GU-O due to the single DQR detection for this analyte/well pair during the Fall 2024 statistical evaluation. The methodology described in Attachment 1 was utilized to conduct the statistical evaluation for the retest sample collected at GU-O. The February 2025 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, GU-O will continue semiannual detection monitoring for the Appendix I list in Spring 2025.

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 detections 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.

The statistical analysis methods utilized for comparison to background were the DQR and "1-of-2" intrawell and interwell prediction limits as recommended in the Unified Guidance (USEPA, 2009).

Background Data Set

The interwell background data set was modified in the *Hydrologic Monitoring System Plan* (HDR, 2021) to use only MW-9AR and MW-201B. The high-volume results collected before April 2015 were removed before conducting statistical analyses. Therefore, the interwell background data set consists of the April 2015 to current results in the combined MW-9AR and MW-201B background data set.

Double Quantification Rule

The DQR will be used to evaluate SSIs over background for the Appendix I and II constituents that were not detected above the reporting limit in the background data sets. 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 are below the limit. If applicable, the resample 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. The non-parametric prediction limit will be taken as the maximum order statistic (maximum value) of the background data.

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 April 2015 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 on 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 on page 19-14 of the Unified Guidance (USEPA, 2009).

Sanitas® v10.0. software (Sanitas Technologies) will be used to check distributional assumptions, perform Kaplan-Meier in the case of 50% to 85% detects in the background data set, 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 IAC 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® v10.0 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.

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) "USEPA'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 567 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® v10.0 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

Data Screening - Detection Monitoring

Analysis Run 4/18/2025 12:00 PM

Linn County SWAL Client: Foth Data: Site 2 - Winter 2025 Statistical Evaluation

A listing of detects for 1 constituent in GU-O (d) on 2/25/2025:

-none-

Attachment 3

References

References

HDR, Inc. (HDR), 2021. *2021 Landfill Permit Renewal Application, Cedar Rapids Linn County Solid Waste Agency Site 2, Permit No. 57-SDP-01-72P, Appendix J: Hydrologic Monitoring System Plan.* September. [Doc. No. 101219 and No. 102539].

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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May 22, 2025

TO: Iowa Department of Natural Resources

FR: Gina Wilming

RE: Site 2 Statistical Analysis - Spring 2025 Evaluation

1 Memorandum Organization

This memo addresses the statistical analysis of the groundwater monitoring data collected in March 2025. The statistical methods and results are summarized, with the memo organization given as follows:

Tables

Attachments

2 Background

The groundwater monitoring locations and 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 20 of the 2025 Annual Water Quality Report (AWQR).

Table 1
Groundwater Monitoring Locations and Sampling Schedule
Jan. 2008 – Mar. 2025 Appendix I & II Data

Monitoring Location	Monitoring Program	Current Schedule (1) (Mar. 2025)	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]
Groundwater Underdrain Monitoring Locations						
GU-1	Detection	Appendix I	Jul-11 (2)	Oct-12 (2)	N/A	N/A
			Oct-15 (2)	Jun-17 (2)		
GU-L	Detection	Appendix I	Mar-11 (2)	Dec-11 (2)	N/A	N/A
			Oct-15 (2)	Jun-17 (2)		
GU-O	Detection	Appendix I	Apr-18 (3)	Oct-22 (3)	N/A	N/A
GU-P	Detection	Appendix I	Feb-22	Apr-23	N/A	N/A
Downgradient Monitoring Locations						
MW-15	Assessment	Appendix II	Jan-08	Oct-08	Jun-09	Mar-10
			Apr-15 (4)	Mar-17 (4)		
MW-18	Corrective Action	Appendix II	Jan-08	Oct-08	Mar-09	Dec-09
			Apr-15 (4)	Mar-17 (4)		

Table 1 Continued
Groundwater Monitoring Locations and Sampling Schedule
Jan. 2008 – Mar. 2025 Appendix I & II Data

Monitoring Location	Monitoring Program	Current Schedule [1] (Mar. 2025)	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]
Downgradient Monitoring Locations Continued						
MW-19	Corrective Action	Appendix II	Jan-08 Apr-15 [4]	Oct-08 Mar-17 [4]	Mar-09	Dec-09
MW-20	Corrective Action	Appendix II	Jan-08 Apr-15 [4]	Oct-08 Mar-17 [4]	Mar-09	Dec-09
MW-22	Assessment	Appendix II	Jan-08 Apr-15 [4]	Oct-08 Mar-17 [4]	Jun-09	Mar-10
MW-24	Assessment	Appendix II	Jan-08 Apr-15 [4]	Oct-08 Mar-17 [4]	Jun-10	Dec-10
MW-26A	Assessment	Appendix II	Jan-08 Apr-15 [4]	Oct-08 Mar-17 [4]	Aug-10	Jun-11
MW-300	Assessment	Appendix II	Jun-10 Apr-15 [4]	Mar-11 Mar-17 [4]	Jun-11	Mar-12
MW-301	Corrective Action	Appendix II	Jun-10 Apr-15 [4]	Mar-11 Mar-17 [4]	Jun-11	Mar-12
MW-302R [5]	Assessment	Appendix II	Jun-10 Apr-15 [4]	Mar-11 Mar-17 [4]	Dec-17	Dec-17 [6]
MW-303	Assessment	Appendix II	Jun-10 Apr-15 [4]	Mar-11 Mar-17 [4]	Dec-21	Apr-23 [7]
MW-304R [8]	Assessment	Appendix II	Jun-10 Apr-15 [4]	Mar-11 Mar-17 [4]	May-19	May-19 [8]
MW-305	Assessment	Appendix II	Jun-13 Apr-15 [4]	Jun-14 Mar-17 [4]	Dec-17	Dec-17 [6]
MW-501	Detection	Appendix I	Mar-21	Apr-22	N/A	N/A
MW-502	Future Detection [9]	Appendix I	Mar-21	Apr-22	N/A	N/A
Delineation Monitoring Locations						
MW-29	Delineation	Benzene, Cobalt	N/A [10]	N/A [10]	N/A	N/A
MW-30	Delineation	Benzene, Cobalt	N/A [10]	N/A [10]	N/A	N/A
MW-306	Delineation	Benzene, Cobalt	N/A [10]	N/A [10]	N/A	N/A
MW-307A	Delineation	Benzene, Cobalt	N/A [10]	N/A [10]	N/A	N/A
Background Monitoring Locations						
MW-9AR	Background	Appendix II	Jul-18	May-19	Nov-18 [11]	N/A
MW-201B	Background	Appendix II	Apr-12 Apr-15	Jun-13 Oct-16	Oct-16 [11]	N/A
Potential Background Expansion [12]						
MW-204A	Background	Appendix I	--- [12]	--- [12]	N/A	N/A
MW-204B	Background	Appendix I	--- [11]	--- [11]	N/A	N/A
MW-213A	Background	Appendix I	--- [11]	--- [11]	N/A	N/A
MW-213B	Background	Appendix I	--- [11]	--- [11]	N/A	N/A
MW-214	Background	Appendix I	--- [11]	--- [11]	N/A	N/A
MW-215	Background	Appendix I	--- [11]	--- [11]	N/A	N/A
MW-218	Background	Appendix I	--- [11]	--- [11]	N/A	N/A

N/A = not applicable

(1) Appendix II locations were sampled for the Appendix I and detected Appendix II constituents in Mar. 2025. Resampling for the full Appendix II list at the assessment, corrective action, and background monitoring wells is conducted every five years.
(2) At GU-1 and GU-L, the results collected before Oct. 2015 were removed due to elevated reporting limits, and baseline detection monitoring was reestablished using the Oct. 2015 through Jun. 2017 results.
(3) At GU-O, one sample was collected in Apr. 2018 then monitoring was discontinued. Baseline monitoring for the Appendix I constituents was re-initiated in Oct. 2021 with five samples collected between Oct. 2021 and Oct. 2022.
(4) For the downgradient and background monitoring locations where monitoring was initiated before Apr. 2015, sampling methods were modified from high-volume to low-flow or no-purge sampling starting in Apr. 2015. Five rounds of baseline Appendix I monitoring were re-initiated between Apr. 2015 and Mar. 2017. The high-volume results collected before Apr. 2015 were removed before conducting statistical analyses.
(5) MW-302 was replaced with MW-302R on 9/7/2021 in the same location. The MW-302 and MW-302R data sets were combined.
(6) MW-302 and MW-305 triggered assessment monitoring during the Fall 2017 statistical evaluation. One round of baseline assessment monitoring for the full Appendix II list was conducted in Dec. 2017. Since none of the Appendix II constituents not in the Appendix I list were detected during the initial assessment monitoring event in Dec. 2017, the *2017 AWQR* (HDR, 2018) recommended not conducting additional rounds of baseline assessment monitoring. IDNR concurred with this recommendation in the letter dated Jan. 22, 2019 (IDNR, 2019).
(7) MW-303 triggered assessment monitoring after the Spring 2021 resampling event. One round of baseline assessment monitoring for the full Appendix II list was conducted in Dec. 21. Quarterly monitoring for only the detected Appendix II constituents (2,4-D; gamma-BHC; and heptachlor) was conducted in Apr. 2022, Jul. 2022, Oct. 2022, and Apr. 2023 to obtain a baseline data set for the detected Appendix II parameters suitable for conducting statistical comparisons to the groundwater protection standards (HDR, 2022 and 2023).
(8) MW-304 was replaced with MW-304R on 8/31/2020 in the same location. The MW-304 and MW-304R data sets were combined. MW-304 triggered assessment monitoring after the January 2019 verification sampling event. One round of baseline assessment monitoring for the full Appendix II list was conducted in May 2019. Since none of the Appendix II constituents not in the Appendix I list were detected during the initial assessment monitoring event in May 2019, the *2020 Spring Statistical Report* (HDR, 2020) recommended not conducting additional rounds of baseline assessment monitoring.
(9) Baseline intrawell background monitoring was initiated at MW-502 in Mar. 2021. Quarterly followed by semiannual intrawell background monitoring for the Appendix I list has been conducted between 2021 and 2024. Compliance monitoring under the detection monitoring program will be initiated at MW-502 following the future construction of Phase 5B (HDR, 2021).
(10) MW-29, MW-30, MW-306, and MW-307A are utilized for delineation; therefore, baseline detection monitoring is not applicable. Benzene and cobalt delineation monitoring were initiated at these locations in Apr. 2015 and Apr. 2018, respectively.
(11) One round of monitoring for the full Appendix II list was conducted at background monitoring locations MW-9AR and MW-201B in Nov. 2018 and Oct. 2016, respectively. None of the Appendix II constituents not in the Appendix I list were detected during the full Appendix II sampling events at MW-9AR and MW-201B; therefore, no additional full Appendix II sampling events were conducted (HDR, 2024b).
(12) In May 2024, MW-204A/B, MW-213A/B, and MW-218 were monitored for the Appendix I metals, TSS, and other indicator parameters to evaluate for background expansion and support the *Alternative Source Demonstration: Spring 2024* (HDR, 2024a) for MW-304R and MW-501. In Sep. 2024 and Mar. 2025, MW-204A/B, MW-213A/B, MW-214, and MW-215 were monitored for the Appendix I list and TSS to continue to evaluate for background expansion or provide additional data regarding conditions in the Indian Creek floodplain over time. Note that MW-214 and MW-215 were previously included in the background monitoring network and had been monitored for the Appendix I and detected Appendix II constituents between Apr. 15 and Mar. 21. These locations were not added to the background monitoring network at this time.

In March 2025, semiannual detection, assessment, corrective action, delineation, and background monitoring were conducted at the locations listed in Table 1. Assessment, corrective action monitoring, and background locations were sampled for the Appendix I and detected Appendix II constituents in March 2025. In accordance with Permit Special Provision X.4.f, resampling for the full Appendix II list at the assessment, corrective action, and background monitoring wells is conducted every five years. The next full Appendix II resampling dates will be provided in Table 2 of the 2025 AWQR. As indicated in footnote 12 of Table 1, the potential background expansion wells were monitored for the Appendix I list in September 2024 and March 2025 to continue to evaluate for background expansion or provide additional data regarding conditions in the Indian Creek floodplain over time. These locations were not added to the background monitoring network or utilized for statistical comparisons at this time. Additional discussion will be provided in the Spring 2025 Statistical Report.

Under the detection and assessment monitoring programs of 567 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(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, 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 that 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. However, three consecutive sampling events may be utilized to determine whether to return to detection monitoring to limit the 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 paragraph 113.10(4)g.

If Appendix II constituents are detected at statistically significant levels (SSLs) above the GWPS, characterization [567 IAC 113.10(6)g] is initiated and the owners or operators are required to begin 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 [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 IDNR.

Based on the April 2015 through March 2025 results, this memo presents an evaluation of statistically significant increases (SSIs) and SSLs under the requirements of paragraphs 113.10(4)g and h of 567 IAC.

3 Statistical Methodology

The statistical methods utilized for locations in detection, assessment, corrective action, and delineation monitoring were consistent with the methods outlined in the approved *Hydrologic Monitoring System Plan* (HDR, 2021). Detailed descriptions of the statistical methods are provided in Attachment 1. Sanitas® v10.0 (Sanitas Technologies) software was utilized to complete statistical comparisons.

3.1 Background Data Set

Intrawell prediction limits are utilized to evaluate SSIs over background for analytes that have been detected above the practical quantitation limit (PQL) in GU-1, GU-L, GU-O, GU-P, and MW-501. The justification for the use of intrawell methods was provided in the approved *Hydrologic Monitoring System Plan* (HDR, 2021). Specifically for MW-501, intrawell methods are applicable since monitoring was initiated before placement of waste in Phase 5A, and samples were collected using low-flow sampling techniques. Intrawell background is calculated from a collection of background measurements from the detected Appendix I metals within these compliance locations and is further discussed in Section 4.1.1. As reported in the *2024 Spring Statistical Report* (HDR, 2024b), GU-1 and GU-L data collected before October 2015 were removed due to elevated reporting limits.

For the remaining downgradient monitoring locations, interwell predictions calculated from the combined background data set of MW-9AR and MW-201B were utilized to evaluate SSIs over background for the analytes that have been detected above the PQL.

3.2 Data Set Adjustments Due to Changes in Sampling Methods

For the downgradient and background monitoring locations where monitoring was initiated before April 2015, the sampling methodology was modified from high-volume to low-flow or no-purge sampling starting in April 2015. The high-volume results collected before April 2015 were removed before conducting statistical analyses. These data set removals were maintained in the current statistical evaluation. The removed data will be listed as crossed-out concentrations in Table 20 of the 2025 AWQR.

3.3 Adjustments Associated with Total Suspended Solids

Based on a review of the total suspended solids (TSS) data from March 2025, no background data set adjustments are recommended for MW-9AR and MW-201B. The March 2025 TSS concentration at MW-201B was below the 5 mg/L limit for acceptable sample quality. While above the 5 mg/L limit, the March 2025 TSS concentrations of 19.5 mg/L at MW-9AR did not significantly exceed the limit for acceptable sample quality, and marginal to no correlation with TSS was evident with the detected metals at this location.

MW-201B was redeveloped in February 2025, and allowed to stabilize and re-equilibrate for approximately 30 days before the Spring 2025 sampling event. Well development field notes indicated notable suspended solids removal during surging and development of MW-201B. Post-development, the TSS concentration at MW-201B reduced to 3.5 mg/L in March 2025. Since redevelopment successfully reduced the TSS concentration at MW-201B, historical metal detections were reviewed for potential impact due to elevated TSS. For most of the detected metals at MW-201B, some correlation was evident when TSS concentrations were greater than 100 mg/L (i.e., in October 2021, October 2022, and April 2023), indicating TSS concentrations likely impacted the metals results during these events.

The background data set adjustments currently recommended and incorporated based on review of TSS data include:

- Removal of the October 2021, October 2022, and April 2023 metals concentrations in MW-201B.

The removed data will be listed as crossed-out concentrations in Table 20 of the 2025 AWQR.

For the compliance monitoring locations, a detailed discussion regarding compliance with the turbidity requirements outlined in Permit Special Provision X.4.g will be provided in the 2025 AWQR.

3.4 Adjustments Associated with Reporting Limits

The background data set and PQLs were reviewed in the Fall 2024 statistical evaluation. This consisted of reviewing the PQLs for metals constituents used in the intrawell and interwell 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. Non-detect background samples with a PQL of at least two times the maximum detected background concentration are 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 the non-detect lead result with a PQL of 0.004 mg/L at GU-1.
- Removal of the non-detect antimony result with a PQL of 0.006 mg/L at MW-201B.
- Removal of the non-detect cadmium results with a PQL of 0.005 mg/L at MW-9AR and MW-201B.

- Removal of the non-detect copper result with a PQL of 0.02 mg/L at MW-201B.
- Removal of the non-detect vanadium result with a PQL of 0.05 mg/L at MW-201B.

The removed data will be listed as crossed-out concentrations in Table 20 of the 2025 AWQR.

3.5 Outliers

The outliers flagged during prior statistical evaluations were maintained in the current (Spring 2025) evaluation. Outliers will be listed as o-flagged and as crossed-out concentrations in Table 20 of the 2025 AWQR.

No outliers were flagged during the current (Spring 2025) statistical evaluation.

3.6 Corrective Action Constituents

In accordance with the Unified Guidance (USEPA, 2009), corrective action statistics are 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 addition, no corrective action constituents exited corrective action and returned to an assessment constituent in Spring 2025.

Table 2
Corrective Action Constituents

Monitoring Location	Corrective Action Constituents [1]
MW-18	Cobalt
MW-19	Cobalt
MW-20	Benzene; Cobalt
MW-301	Cobalt

[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 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 Levels

Comparisons to background levels were conducted using intrawell prediction limits, interwell prediction limits, and the Double Quantification Rule (DQR). As noted in Section 3.6, comparisons to background were not conducted for the corrective action constituents listed in Table 2.

4.1 Intrawell Prediction Limits

Intrawell prediction limits were used to formally assess SSIs over background for analytes that have been detected above the PQL in GU-1, GU-L, GU-O, GU-P, and MW-501.

4.1.1 Intrawell Background

Intrawell background was updated during this statistical evaluation. Section 5.3.2 of the *Unified Guidance* (USEPA, 2009) recommends that the intrawell background data set be updated periodically, after 4 to 8 new compliance observations have been collected. 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."

During previous statistical evaluations, the intrawell prediction limits were constructed for the following analytes and sample dates:

- GU-1: October 2015 through April 2022 arsenic, barium, cobalt, lead, nickel, and zinc.
- GU-L: October 2015 through April 2022 arsenic, barium, cobalt, and nickel.
- GU-O: April 2018 through July 2022 arsenic, barium, and cobalt.
- GU-P: February 2022 through October 2022 arsenic, barium, cobalt, and lead.
- MW-501: March 2021 through April 2022 arsenic, barium, cadmium, cobalt, lead, and nickel.

The additional values collected after the last intrawell background sample and September 2024 were statistically compared to the previous GU-1, GU-L, GU-O, GU-P, and MW-501 background data to determine if the background data sets can be updated. Note that while zinc was detected above the PQL in the October 2022 through September 2024 data at GU-O, zinc was not added as an intrawell prediction limit parameter since there was only one detection. Consideration will be given to including zinc as an intrawell prediction limit parameter for GU-O during future intrawell background updates. The statistical comparisons utilized for determining if the intrawell background data set can be updated included non-parametric Wilcoxon rank-sum tests and statistical prediction limits. Results of the statistical comparisons are included in Attachment 2.

At MW-501, TSS concentrations were elevated during the October 2023, April 2024, and May 2024 sampling events (i.e., TSS concentrations of 202 mg/L, 1,010 mg/L, and 1,100 mg/L, respectively), and a correlation between TSS and metal concentrations was evident. Therefore, the October 2023, April 2024, and May 2024 results at MW-501 were not used to update the intrawell background data set.

The Wilcoxon rank-sum tests did not identify statistical differences between the existing intrawell background data sets and the results to be added to the intrawell background data sets. Except for barium in GU-P and cobalt and nickel in MW-501, the intrawell prediction limits did not identify SSIs for the results to be added to the intrawell background data sets. As noted during the Fall 2024 statistical evaluation, the existing intrawell background datasets for GU-P and MW-501 consisted of 4 and 5 background values, respectively. Consideration was given to the limited background data sets, TSS, and concentrations of other Appendix I parameters for the intrawell SSIs identified for barium in GU-P and cobalt and nickel in MW-501. There were no volatile organic compound (VOC) detections, and TSS concentrations were not significantly

elevated or correlated with metals concentrations during the sampling events where the intrawell SSIs were identified for barium in GU-P and cobalt and nickel in MW-501. Therefore, the results of the Wilcoxon rank-sum tests were utilized for decision-making on updating the intrawell background data sets for barium in GU-P and cobalt and nickel in MW-501.

Based on the results of the Wilcoxon rank-sum and intrawell prediction limit results, the intrawell background data sets were updated. The updated intrawell background data sets consist of:

- GU-1: October 2015 through September 2024 arsenic, barium, cobalt, lead, nickel, and zinc.
- GU-L: October 2015 through September 2024 arsenic, barium, cobalt, and nickel.
- GU-O: April 2018 through September 2024 arsenic, barium, and cobalt.
- GU-P: February 2022 through September 2024 arsenic, barium, cobalt, and lead.
- MW-501: March 2021 through April 2023 and September 2024 arsenic, barium, cadmium, cobalt, lead, and nickel (i.e., excludes the October 2023, April 2024, and May 2025 events with elevated TSS).

4.1.2 Intrawell Prediction Limit Results

The intrawell prediction limits are summarized in Table 3. The background data set adjustments discussed in Section 3 were utilized. Detailed prediction limit output for each analyte/well pair is included in Attachment 2.

Table 3
Intrawell Prediction Limit Summary (1)

Chemical Name	Prediction Limit	Units	Intrawell Prediction Limit Type	Retesting Plan	Prediction Limit Method
GU-1					
Arsenic	0.09105	mg/L	Parametric (Lognormal)	1-of-2	$exp(\bar{y} + k \cdot s_y)$
Barium	1.443	mg/L	Parametric (Normal)	1-of-2	$\overline{x} + k \cdot s$
Cobalt	0.0198	mg/L	Non-Parametric	1-of-2	Maximum Order Statistic
Lead	0.000943	mg/L	Non-Parametric	1-of-2	Maximum Order Statistic
Nickel	0.06745	mg/L	Parametric (Normal)	1-of-2	$\overline{x} + k \cdot s$
Zinc	0.02	mg/L	Non-Parametric	1-of-2	Maximum Order Statistic
GU-L					
Arsenic	0.0069	mg/L	Non-Parametric	1-of-2	Maximum Order Statistic
Barium	0.1037	mg/L	Parametric (Normal)	1-of-2	$\overline{x} + k \cdot s$
Cobalt	0.0129	mg/L	Non-Parametric	1-of-2	Maximum Order Statistic
Nickel	0.01066	mg/L	Parametric (Normal with Kaplan-Meier Adjustment)	1-of-2	$\hat{\mu}_{KM} + k \cdot \hat{\sigma}_{KM}$
GU-O					
Arsenic	0.005158	mg/L	Parametric (Normal)	1-of-2	$\overline{x} + k \cdot s$
Barium	0.372	mg/L	Non-Parametric	1-of-2	Maximum Order Statistic
Cobalt	0.001564	mg/L	Parametric (Lognormal with Kaplan-Meier Adjustment)	1-of-2	$\exp(\hat{\mu}_{KM} + k \cdot \hat{\sigma}_{KM})$

Table 3 Continued
Intrawell Prediction Limit Summary [(1)]

Chemical Name	Prediction Limit	Units	Intrawell Prediction Limit Type	Retesting Plan	Prediction Limit Method
GU-P					
Arsenic	0.004019	mg/L	Parametric (Normal)	1-of-2	$\overline{x} + k \cdot s$
Barium	0.3526	mg/L	Parametric (Normal)	1-of-2	$\overline{x} + k \cdot s$
Cobalt	0.002072	mg/L	Parametric (Normal)	1-of-2	$\overline{x} + k \cdot s$
Lead	0.000526	mg/L	Non-Parametric	1-of-2	Maximum Order Statistic
MW-501					
Arsenic	0.0126	mg/L	Non-Parametric	1-of-2	Maximum Order Statistic
Barium	0.08662	mg/L	Parametric (Normal)	1-of-2	$\overline{x} + k \cdot s$
Cadmium	0.0004288	mg/L	Parametric (Normal with Kaplan-Meier Adjustment)	1-of-2	$\hat{\mu}_{KM} + k \cdot \hat{\sigma}_{KM}$
Cobalt	0.01827	mg/L	Parametric (Normal)	1-of-2	$\overline{x} + k \cdot s$
Lead	0.00234	mg/L	Non-Parametric	1-of-2	Maximum Order Statistic
Nickel	0.0415	mg/L	Non-Parametric	1-of-2	Maximum Order Statistic

(1) Intrawell background data is discussed in Section 4.1.1. Note that background data set adjustments were incorporated in accordance with Section 3.

Non-parametric prediction limits were used where either normality assumptions could not be met or there were less than 50% detects in the intrawell background data. Parametric prediction limits were used where there were greater than 50% detects in the intrawell background data and normality assumptions were met. Parametric lognormal prediction limits were used where there were greater than 50% detects in the intrawell background data set, the assumptions of normality were met with a lognormal transformation, and the lognormal limit was accepted as being representative of the background distribution.

With the updated intrawell background data sets, the following changes to the intrawell prediction limit type occurred from the Fall 2025 statistical evaluation to the Spring 2025 statistical evaluation:

- Cobalt in GU-1 changed from a lognormal parametric prediction limit to a non-parametric prediction limit.
- Barium in GU-O, arsenic in MW-501, and nickel in MW-501 changed from normal parametric prediction limits to non-parametric prediction limits.
- Cobalt in GU-O changed from a normal parametric prediction limit to a lognormal parametric prediction limit.
- Barium in GU-P changed from a non-parametric prediction limit to a normal parametric prediction limit.

No intrawell prediction limit exceedances were identified at GU-1, GU-L, GU-O, GU-P, and MW-501 in March 2025.

4.2 Interwell Prediction Limits

Interwell prediction limits were used to formally assess SSIs over background at downgradient monitoring wells MW-15, MW-18, MW-19, MW-20, MW-22, MW-24, MW-26A, MW-300, MW-301, MW-302R, MW-303, MW-304R, and MW-305 for analytes that have been detected above the PQL

in the combined background data set (MW-9AR and MW-201B). These analytes were antimony, arsenic, barium, cobalt, copper, lead, nickel, and zinc. In addition, interwell prediction limits were used to formally assess SSIs over background for cobalt in delineation monitoring wells MW-29, MW-30, MW-306, and MW-307A.

Previous statistical evaluations also evaluated cadmium, chromium, and vanadium using interwell prediction limits. As discussed in Section 3.3, the October 2021, October 2022, and April 2023 metals concentrations in MW-201B were recommended for removal starting with the current (Spring 2025) statistical evaluation. With the removal of these data, cadmium, chromium, and vanadium no longer had one or more detections above the PQL. Therefore, these three analytes will now be evaluated using the DQR.

4.2.1 Interwell Prediction Limit Results

Interwell prediction limits calculated utilizing background sample data collected from April 2015 through March 2025 are summarized in Table 4. The background data set adjustments discussed in Section 3 were utilized. Detailed prediction limit output for each analyte/well pair is included in Attachment 3. The monitoring locations exhibiting interwell prediction limit exceedances during the March 2025 event are listed in Table 5.

Table 4
Interwell Prediction Limit Summary
Apr. 2015 – Mar. 2025 Interwell Data [(1)]

Chemical Name	Prediction Limit	Units	Interwell Prediction Limit Type	Retesting Plan	Prediction Limit Method
Antimony	0.0023	mg/L	Non-Parametric	1-of-2	Maximum Order Statistic
Arsenic	0.00866	mg/L	Non-Parametric	1-of-2	Maximum Order Statistic
Barium	0.575	mg/L	Non-Parametric	1-of-2	Maximum Order Statistic
Cobalt	0.00243	mg/L	Non-Parametric	1-of-2	Maximum Order Statistic
Copper	0.00322	mg/L	Non-Parametric	1-of-2	Maximum Order Statistic
Lead	0.00687	mg/L	Non-Parametric	1-of-2	Maximum Order Statistic
Nickel	0.00508	mg/L	Non-Parametric	1-of-2	Maximum Order Statistic
Zinc	0.02	mg/L	Non-Parametric	1-of-2	Maximum Order Statistic

(1) Interwell data consists of the Appendix I and II parameters that have been detected in the combined background data set (MW-9AR and MW-201B). Note that background data set adjustments were incorporated in accordance with Section 3.

Non-parametric prediction limits were used for antimony, arsenic, barium, cobalt, copper, lead, nickel, and zinc since either normality assumptions could not be met or there were less than 50% detects in the combined background data. Note that a lognormal parametric prediction limit was used for arsenic during the Fall 2024 statistical evaluation. During the Spring 2025 statistical evaluation, the assumptions of normality could not be met; therefore, a non-parametric prediction limit was used.

Table 5
Mar. 2025 Interwell Prediction Limit Exceedances

Prediction Limit	Arsenic (mg/L) 0.00866	Barium (mg/L) 0.575	Cobalt (mg/L) 0.00243	Nickel (mg/L) 0.00508
Assessment Monitoring Locations				
MW-15				0.00677
MW-22		0.944		0.0309
MW-24				0.00634
MW-26A	0.0154	0.641	0.0612	0.0364
MW-303			0.00366	0.0669
MW-304R			0.00885	
Corrective Action Monitoring Locations - Assessment Constituents				
MW-18				0.0172
MW-19				0.0175
MW-20		0.801		0.0136
MW-301				0.00825
Delineation Monitoring Locations				
MW-30			0.00274	
MW-307A			0.00763	

4.3 Double Quantification Rule

The DQR was used to evaluate SSIs over background for the remaining Appendix I and II constituents (i.e., constituents not evaluated using intrawell or interwell predictions limits and which have not been detected above the PQL in the intrawell and interwell background data sets). The DQR output is included in Attachment 4, with a summary of the March 2025 DQR detections listed in Table 6.

Table 6
Double Quantification Rule
Mar. 2025 Detections

Well	Constituent(s)
Detection Monitoring Locations	
None	
Assessment Monitoring Locations	
MW-22	Benzene
MW-26A	Benzene
MW-303	Cadmium
Corrective Action Monitoring Locations - Assessment Constituents	
MW-20	Chlorobenzene
Delineation Monitoring Locations	
None	

4.4 Summary of Comparison to Background

4.4.1 Detection Monitoring Locations

No intrawell prediction limits exceedances or DQR detections were identified at GU-1, GU-L, GU-O, GU-P, and MW-501 in March 2025.

4.4.2 Assessment Monitoring Locations

No interwell prediction limit exceedances or DQR detections were identified at MW-300, MW-302R, and MW-305. Prediction limit exceedances were identified at MW-15, MW-22, MW-24, MW-26A, MW-303, and MW-304R as listed in Table 5. DQR detections were identified at MW-22, MW-26A, and MW-303 as listed in Table 6. In lieu of retesting for the prediction limit exceedances and DQR detections, SSIs were declared and evaluated for SSLs in Section 5.

4.4.2.1 Exiting Assessment Monitoring

As discussed in Section 1, assessment monitoring locations may return to detection monitoring when Appendix II constituents fall below the current intrawell or interwell prediction limit (for constituents which are detected in the respective 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. Exiting assessment monitoring will be evaluated starting in the Fall 2025 statistical evaluation.

4.4.3 Corrective Action Monitoring Locations – Assessment Constituents

The interwell prediction limit exceedances and single DQR detections identified for the assessment constituents in corrective action monitoring locations MW-18, MW-19, MW-20, and MW-301 are listed in Tables 5 and 6. In lieu of retesting for the prediction limit exceedances and DQR detections, SSIs were declared and evaluated for SSLs in Section 5.

4.4.4 Delineation Monitoring Locations

No prediction limit exceedances or single DQR detections were identified for benzene and cobalt in MW-29 and MW-306. In addition, no single DQR detections were identified for benzene in MW-30 and MW-307A. Single prediction limit exceedances were identified for cobalt in MW-30 and MW-307A. In lieu of retesting for the prediction limit exceedances and DQR detections, SSIs were declared and evaluated for SSLs in Section 5.

5 Comparison to Groundwater Protection Standard

The interwell prediction limit exceedances and DQR detections listed in Tables 5 and 6 were declared SSIs and 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 in the case of downward trending data, 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 5.

5.1 Background as the Cobalt GWPS

With cobalt, the concentrations in the interwell background data set exceed the 567 IAC Chapter 137 Statewide Standard. Therefore, pursuant to 567 IAC 113.10(6)h, the GWPS for cobalt is taken as background and evaluated with the statistical methods described in Attachment 1 and as recommended in the *Unified Guidance* (USEPA, 2009). Two site-specific background GWPS values are utilized for cobalt depending on the geologic formation of the screened interval and location of the monitoring well.

For wells screened in erosion surface or weathered/unweathered glacial till and not located in the Indian Creek floodplain, the confidence interval (i.e., one-sample) method is evaluated. With background as the GWPS, the confidence limit is compared to the combined MW-9AR and MW-201B background upper tolerance limit with 95% confidence and 95% coverage (discussed in detail in Attachment 1). Statistical output for the cobalt tolerance limit is included in Attachment 5.

For wells screened in alluvium and located in the Indian Creek floodplain, IDNR approved a site-specific cobalt GWPS of 0.00631 mg/L in the letter dated December 23, 2024 (IDNR, 2024). This value was based on the May 2024 cobalt concentration in MW-213A. As listed in Table 1, monitoring for the Appendix I list was continued at MW-213A in March 2025; however, those results were not included in background at this time. While an interwell tolerance limit with 95% confidence and 95% coverage can be calculated using the three MW-213A background results collected, additional background samples are recommended. Once 4-8 data points are collected from MW-213A, an interwell tolerance limit with 95% confidence and 95% coverage using the MW-213A background data will be utilized to update the site-specific background GWPS for wells screened in alluvium and located in the Indian Creek floodplain. Note: results from additional existing or newly installed (if applicable) background wells located within the Indian Creek floodplain may also be utilized to develop and update the background data set for wells screened in alluvium and located in the Indian Creek floodplain.

5.2 Data Concentration Shifts During Corrective Action

Statistically significant decreasing linear trends continued to be identified for benzene in MW-20, cobalt in MW-18, and cobalt in MW-301. As detailed in Attachment 1, 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. With this method for cobalt, the two site-specific background GWPS values discussed in Section 5.1 were utilized. Regression statistics and confidence band outputs for these analyte/well pairs are provided in Attachment 5.

The upper 95% confidence limit remained below the GWPS for benzene in MW-20 and cobalt in MW-18. Conversely, the upper 95% confidence limits were above the GWPS for cobalt in MW-301.

5.3 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
Apr. 2015 – Mar. 2025 Appendix II Data

Chemical Name	Wells with SSL [1]	SSL Not Identified or Rejected [1]	GWPS [2]
Assessment Monitoring Locations			
Arsenic (mg/L)		MW-26A	0.01
Barium (mg/L)		MW-22, MW-26A	2
Benzene (ug/L)		MW-22, MW-26A	5
Cadmium (mg/L)		MW-303	0.005
Cobalt (mg/L)		MW-26A, MW-303, MW-304R	0.00631
Nickel (mg/L)		MW-15, MW-22, MW-24, MW-26A, MW-303	0.1
Corrective Action Monitoring Locations - Assessment Constituents			
Barium (mg/L)		MW-20	2
Chlorobenzene (ug/L)		MW-20	100
Nickel (mg/L)		MW-18, MW-19, MW-20, MW-301	0.1
Delineation Monitoring Locations			
Cobalt (mg/L)		MW-30, MW-307A	0.00631
Corrective Action Monitoring Locations – Corrective Action Constituents			
Benzene (ug/L)		MW-20	5
Cobalt (mg/L)		MW-18, MW-20	0.00631
Cobalt (mg/L)	MW-19, MW-301		0.00243

[1] Under the assessment null hypothesis, an SSL is indicated when the lower confidence limit exceeds the GWPS. 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, the IAC 567 Chapter 137 Statewide Standard for a Protected Groundwater Source, or Background in the case of cobalt. Two site-specific background GWPS values are utilized for cobalt depending on the geologic formation of the screened interval and location of the monitoring well, which is further discussed in Section 5.1.

5.4 Summary of Comparison to Groundwater Protection Standard

5.4.1 Assessment Monitoring Locations

No SSLs were identified in the assessment monitoring locations.

5.4.2 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 over the GWPS remained for cobalt in MW-19 and MW-301. While compliance with the GWPS was not achieved, a statistically significant decreasing trend was identified for cobalt in MW-301.

Compliance with the GWPS was achieved for cobalt in MW-18 and MW-20 starting with the Spring 2024 statistical evaluation and benzene in MW-20 starting with the Fall 2024 statistical evaluation, and remained during the current statistical evaluation. In accordance with 567 IAC 113.10(9)e(2), cobalt in MW-18 and MW-20 and benzene in MW-20 will return to assessment constituents in Spring 2027 and Fall 2027, respectively, as long as concentrations remain below the GWPS during interim statistical evaluations.

5.4.3 Delineation Monitoring Locations

No SSLs were identified in the delineation monitoring locations.

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) will be evaluated starting in the Fall 2025 statistical evaluation.

Statistical power calculations for confidence limits compared to the GWPS under assessment monitoring (or assessment mode under corrective action) 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* (USEPA, 2009) Chapter 22.

7 Conclusions

The methodology described in Section 3 and Attachment 1 was utilized to conduct the statistical evaluations for the 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 [1] (Mar. 2025)	Current SSIs	Corrective Action Constituents [2]		Retesting Parameter [3]	Monitoring Program Changes
				Current SSLs	Achieved Compliance with GWPS		
Groundwater Underdrain Monitoring Locations							
GU-1	Detection	Appendix I					
GU-L	Detection	Appendix I					
GU-O	Detection	Appendix I					
GU-P	Detection	Appendix I					
Downgradient Monitoring Locations							
MW-15	Assessment	Appendix II	Nickel				
MW-18	Corrective Action	Appendix II	Nickel		Cobalt		
MW-19	Corrective Action	Appendix II	Nickel	Cobalt			
MW-20	Corrective Action	Appendix II	Barium; Chlorobenzene; Nickel		Benzene; Cobalt		
MW-22	Assessment	Appendix II	Barium; Benzene; Nickel				
MW-24	Assessment	Appendix II	Nickel				
MW-26A	Assessment	Appendix II	Arsenic; Barium; Benzene; Cobalt; Nickel				
MW-300	Assessment	Appendix II					
MW-301	Corrective Action	Appendix II	Nickel	Cobalt			
MW-302R	Assessment	Appendix II					
MW-303	Assessment	Appendix II	Cadmium; Cobalt; Nickel				
MW-304R	Assessment	Appendix II	Cobalt				
MW-305	Assessment	Appendix II					
MW-501	Detection	Appendix I					
MW-502	Future Detection [4]	Appendix I					
Delineation Monitoring Locations							
MW-29	Delineation	Benzene; Cobalt					
MW-30	Delineation	Benzene; Cobalt	Cobalt				
MW-306	Delineation	Benzene; Cobalt					
MW-307A	Delineation	Benzene; Cobalt	Cobalt				

Table 8 Continued
Summary of the Spring 2025 Evaluation

Monitoring Location	Monitoring Program	Current Schedule [1] (Mar. 2025)	Current SSIs	Corrective Action Constituents [2]		Retesting Parameter [3]	Monitoring Program Changes
				Current SSLs	Achieved Compliance with GWPS		
Background Monitoring Locations							
MW-9AR	Background	Appendix II					
MW-201B	Background	Appendix II					
Potential Background Expansion [5]							
MW-204A	Background	Appendix I					
MW-204B	Background	Appendix I					
MW-213A	Background	Appendix I					
MW-213B	Background	Appendix I					
MW-214	Background	Appendix I					
MW-215	Background	Appendix I					
MW-218	Background	Appendix I					

[1] Appendix II locations were sampled for the Appendix I and detected Appendix II constituents in Mar. 2025. Resampling for the full Appendix II list at the assessment, corrective action, and background monitoring wells is conducted every five years.

[2] 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).

[3] 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.

[4] Monitoring was initiated at MW-502 in Mar. 2021 to establish baseline intrawell background. Compliance monitoring under the detection monitoring program will be initiated at MW-502 following the future construction of Phase 5B (HDR, 2021).

[5] In May 2024, MW-204A/B, MW-213A/B, and MW-218 were monitored for the Appendix I metals, TSS, and other indicator parameters to evaluate for background expansion and support the *Alternative Source Demonstration: Spring 2024* (HDR, 2024a) for MW-304R and MW-501. In Sep. 2024 and Mar. 2025, MW-204A/B, MW-213A/B, MW-214, and MW-215 were monitored for the Appendix I list and TSS to continue to evaluate for background expansion or provide additional data regarding conditions in the Indian Creek floodplain over time. These locations were not added to the background monitoring network at this time.

7.1.1 Detection Monitoring

In March 2025, semiannual detection monitoring for the Appendix I list was conducted at GU-1, GU-L, GU-O, GU-P, and MW-501. In addition, semiannual monitoring for the Appendix I list was conducted at future detection monitoring location MW-502 to establish intrawell background. Compliance monitoring under the detection monitoring program will be initiated at MW-502 following the future construction of Phase 5B (HDR, 2021).

No SSIs were identified at the detection monitoring locations. Semiannual detection monitoring for the Appendix I list will be conducted at GU-1, GU-L, GU-O, GU-P, and MW-501 in Fall 2025.

7.1.2 Assessment Monitoring

In March 2025, semiannual assessment monitoring for Appendix I and detected Appendix II constituents was conducted at MW-15, MW-22, MW-24, MW-26A, MW-300, MW-302R, MW-303, MW-304R, and MW-305.

No SSIs were identified at MW-300, MW-302R, and MW-305. The SSIs identified at MW-15, MW-22, MW-24, MW-26A, MW-303, and MW-304R are summarized in Table 8. No SSLs were identified for the assessment monitoring locations.

Exiting assessment monitoring will be evaluated starting in the Fall 2025 statistical evaluation.

Semiannual assessment monitoring for Appendix I and detected Appendix II constituents will be conducted at MW-15, MW-22, MW-24, MW-26A, MW-300, MW-302R, MW-303, MW-304R, and MW-305 in Fall 2025. In accordance with Permit Special Provision X.4.f, resampling for the full Appendix II list at assessment monitoring wells is conducted every five years. The dates of the next five-year resampling events are provided in Table 1 of the Spring 2025 Statistical Notifications report.

7.1.3 Corrective Action Monitoring

In March 2025, semiannual corrective action monitoring for Appendix I and detected Appendix II constituents was conducted at MW-18, MW-19, MW-20, and MW-301.

The SSIs identified for the assessment constituents in MW-18, MW-19, MW-20, and MW-301 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. For cobalt, the two site-specific background GWPS values discussed in Section 5.1 were utilized. As shown in Table 8, SSLs over the GWPS remained for cobalt in MW-19 and MW-301. While compliance with the GWPS was not achieved, a statistically significant decreasing trend was identified for cobalt in MW-301.

Compliance with the GWPS was achieved for cobalt in MW-18 and MW-20 starting with the Spring 2024 statistical evaluation and benzene in MW-20 starting with the Fall 2024 statistical evaluation, and remained during the current statistical evaluation. In accordance with 567 IAC 113.10(9)e(2), cobalt in MW-18 and MW-20 and benzene in MW-20 will return to assessment constituents in Spring 2027 and Fall 2027, respectively, as long as concentrations remain below the GWPS during interim statistical evaluations.

Semiannual corrective action monitoring for the Appendix I and detected Appendix II constituents will be conducted at MW-18, MW-19, MW-20, and MW-301 in Fall 2025. In accordance with Permit Special Provision X.4.f, resampling for the full Appendix II list at corrective action monitoring wells is conducted every five years. The dates of the next five-year resampling events are provided in Table 1 of the Spring 2025 Statistical Notifications report.

7.1.4 Delineation Monitoring

In September 2024, semiannual delineation monitoring for benzene and cobalt was conducted at MW-29, MW-30, MW-306, and MW-307A. No SSIs were identified at MW-29 and MW-306. As listed in Table 8, SSIs were identified for cobalt in MW-30 and MW-307A. No SSLs were identified.

Semiannual delineation monitoring for benzene and cobalt will be conducted at MW-29, MW-30, MW-306, and MW-307A in Fall 2025.

7.1.5 Background Monitoring

In March 2025, semiannual background monitoring for the Appendix I and detected Appendix II constituents was conducted at MW-9AR and MW-201B. In addition, the potential background expansion wells (i.e., MW-204A/B, MW-213A/B, MW-214, MW-216, and MW-218) were monitored for the Appendix I list in September 2024 to continue to evaluate for background expansion or provide additional data regarding conditions in the Indian Creek floodplain over time. These locations were not added to the background monitoring network or utilized for statistical comparisons at this time. Additional discussion will be provided in the Spring 2025 Statistical Report.

Semiannual background monitoring for the Appendix I and detected Appendix II constituents will be continued at MW-9AR and MW-201B in Fall 2025. Consideration has been given to resampling the full Appendix II list at the background monitoring locations when the assessment and corrective action monitoring locations are resampled. The dates of the next five-year resampling events for background monitoring wells MW-9AR and MW-201B are provided in Table 1 of the Spring 2025 Statistical Notifications report.

MW-204A, MW-204B, MW-213A, MW-213B, MW-214, MW-215, and MW-218 will be monitored in Fall 2025 to continue to evaluate for background expansion or provide additional data regarding conditions in the Indian Creek floodplain over time. Recommendations on future monitoring and the background data set will be provided in the 2025 AWQR.

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 detections 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.

The statistical analysis methods utilized for comparison to background were the DQR and "1-of-2" intrawell and interwell prediction limits as recommended in the Unified Guidance (USEPA, 2009).

Background Data Set

The interwell background data set was modified in the *Hydrologic Monitoring System Plan* (HDR, 2021) to use only MW-9AR and MW-201B. The high-volume results collected before April 2015 were removed before conducting statistical analyses. Therefore, the interwell background data set consists of the April 2015 to current results in the combined MW-9AR and MW-201B background data set.

Double Quantification Rule

The DQR will be used to evaluate SSIs over background for the Appendix I and II constituents that were not detected above the reporting limit in the background data sets. 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 are below the limit. If applicable, the resample 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. The non-parametric prediction limit will be taken as the maximum order statistic (maximum value) of the background data.

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 April 2015 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 on 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 on page 19-14 of the Unified Guidance (USEPA, 2009).

Sanitas® v10.0. software (Sanitas Technologies) will be used to check distributional assumptions, perform Kaplan-Meier in the case of 50% to 85% detects in the background data set, 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 data set. 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 IAC 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® v10.0 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.

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) "USEPA'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 567 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® v10.0 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

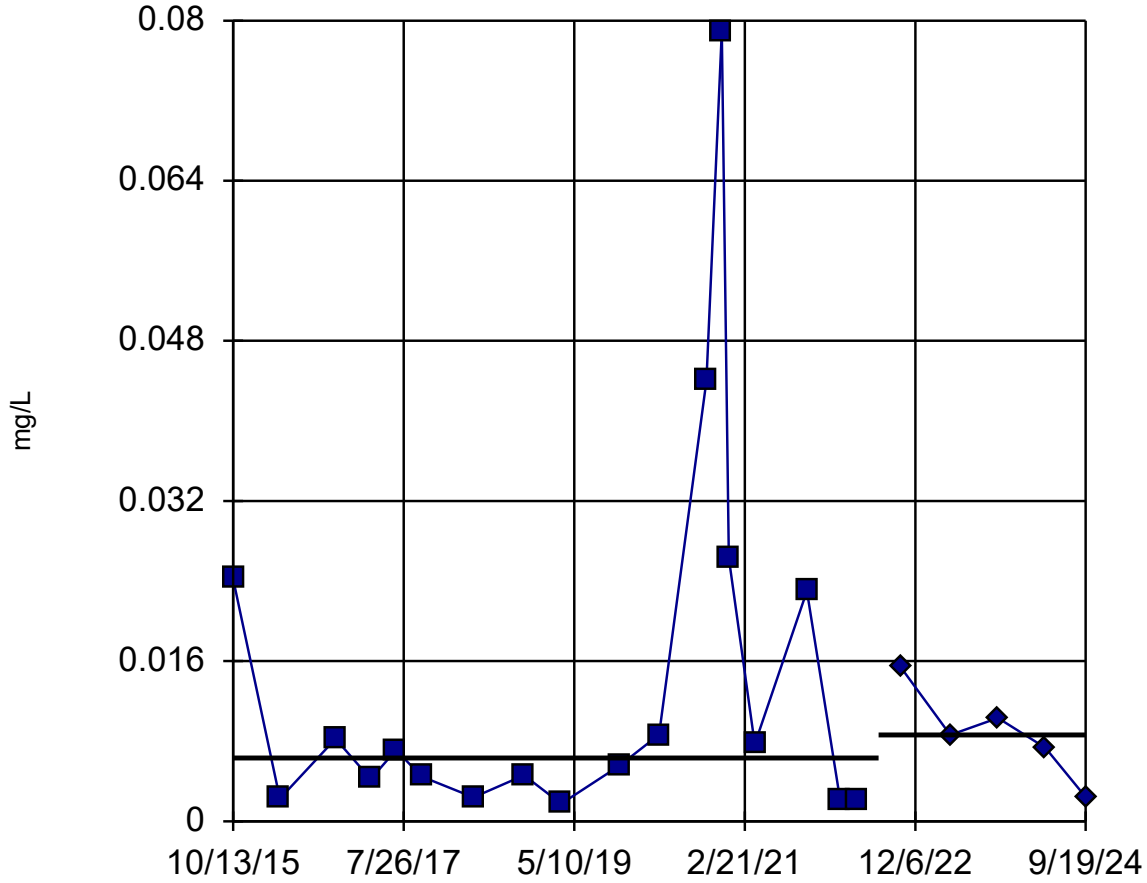
Sanitas Report Output for Intrawell Prediction Limit Calculations

Updating Background – Wilcoxon Rank Sum Tests and Intrawell Prediction Limits
(Through September 2024)

Intrawell Prediction Limit Calculations (Through March 2025)

Mann-Whitney (Wilcoxon Rank Sum) - Updating Intrawell Background

GU-1



GU-1 background

Values to Update Background

background median = 0.006325

compliance median = 0.00862

Z = 0.559

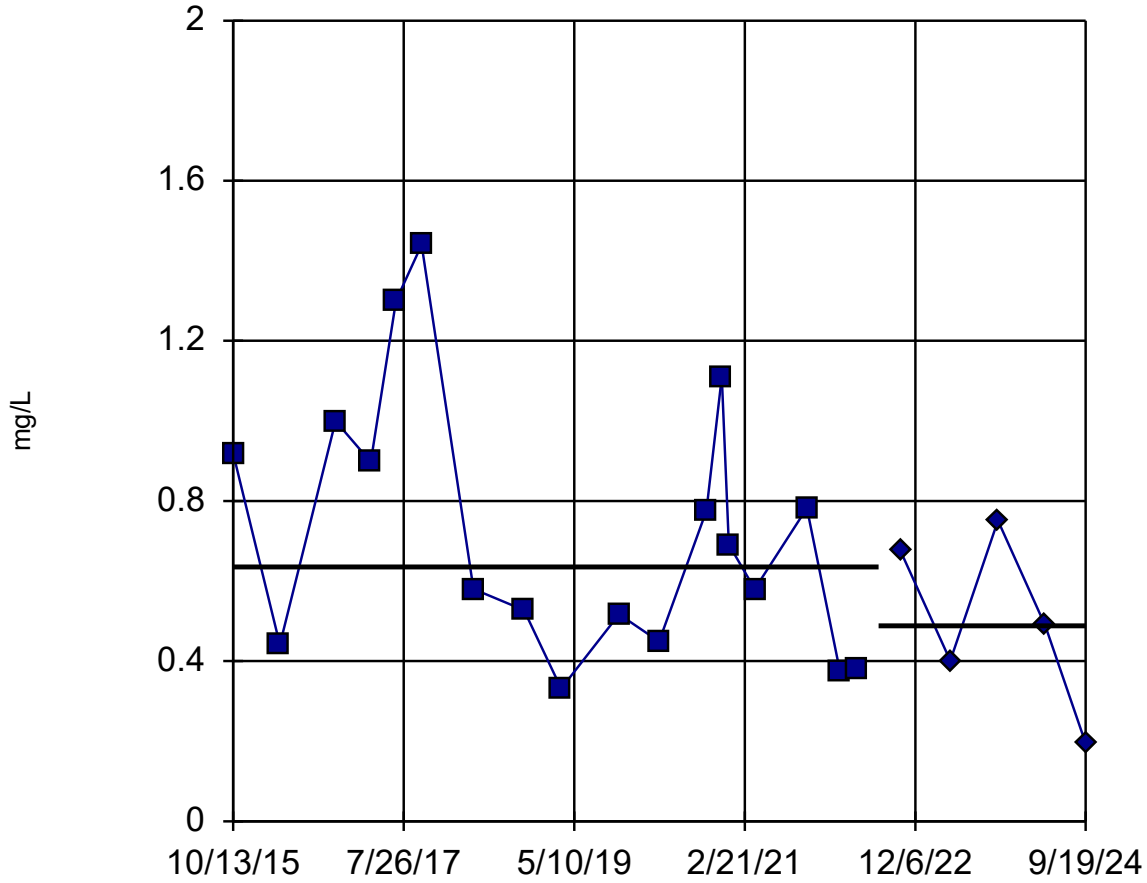
Alpha	Table	Sig.
0.1	1.282	No
0.05	1.645	No
0.025	1.96	No
0.01	2.326	No

Constituent: Arsenic Analysis Run 5/16/2025 4:13 PM

Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

Mann-Whitney (Wilcoxon Rank Sum) - Updating Intrawell Background

GU-1



GU-1 background

Values to Update Background

background median = 0.6355

compliance median = 0.488

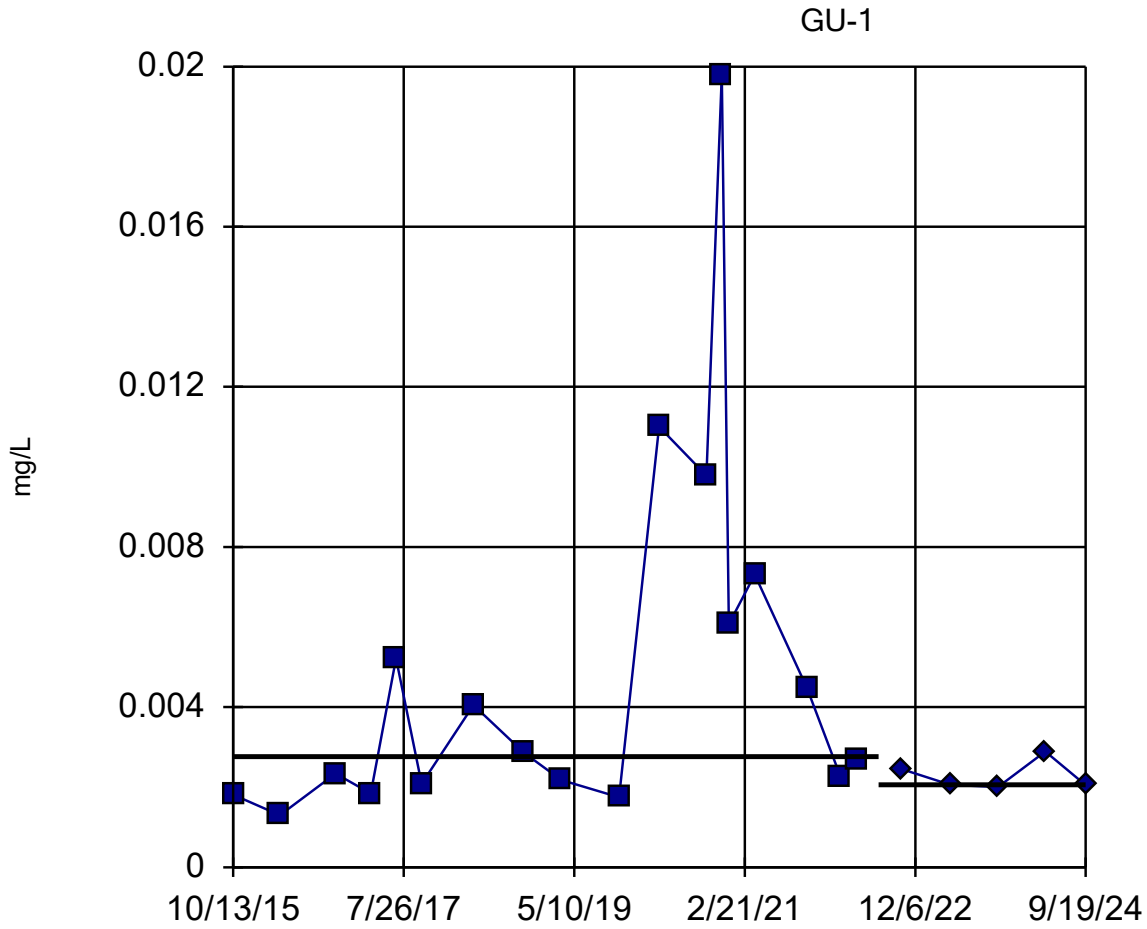
Z = -1.379

Alpha	Table	Sig.
0.1	1.282	No
0.05	1.645	No
0.025	1.96	No
0.01	2.326	No

Constituent: Barium Analysis Run 5/16/2025 4:13 PM

Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

Mann-Whitney (Wilcoxon Rank Sum) - Updating Intrawell Background



GU-1 background

Values to Update Background

background median = 0.002765

compliance median = 0.00206

Z = -1.155

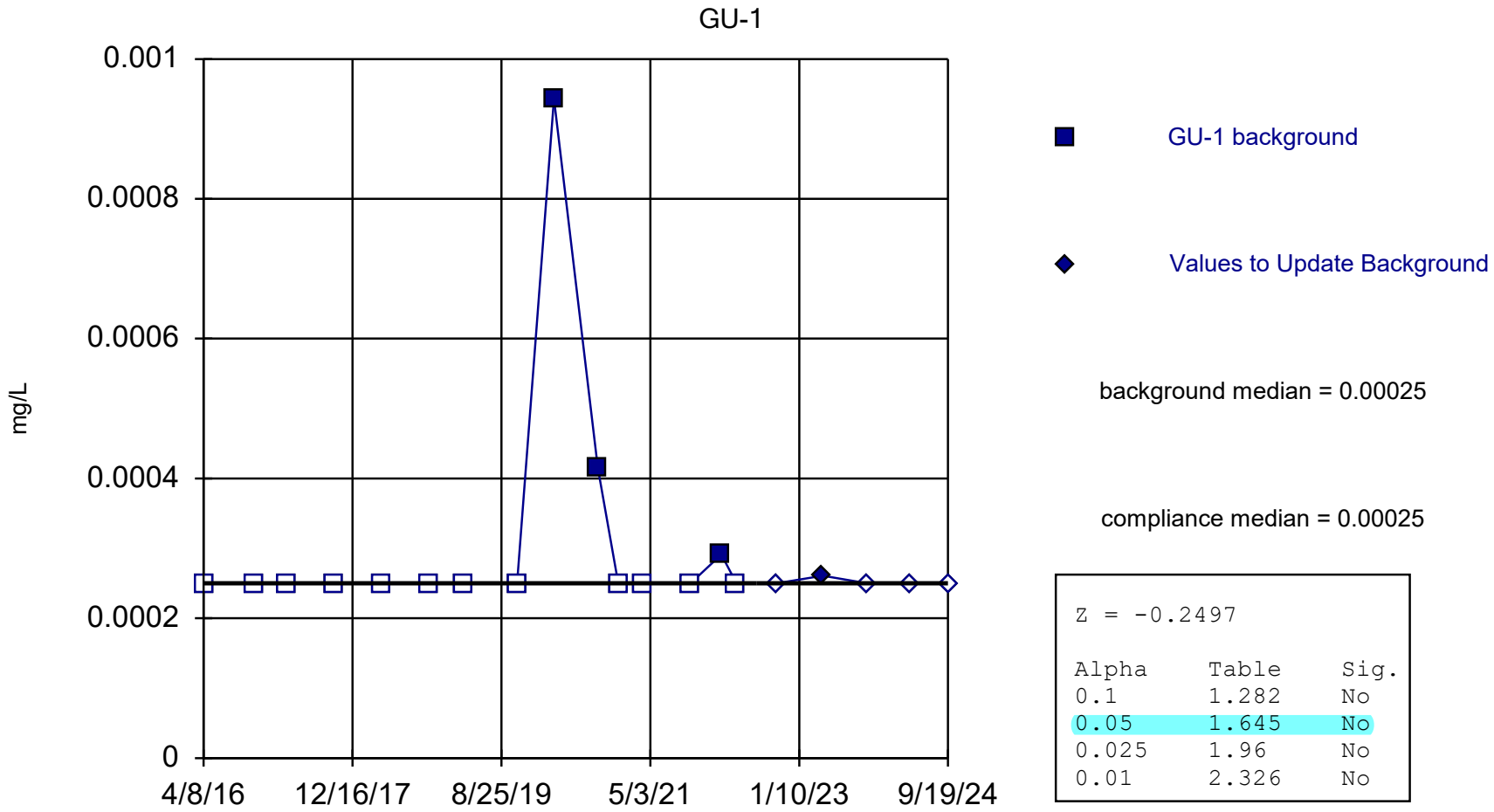
Alpha	Table	Sig.
0.1	1.282	No
0.05	1.645	No
0.025	1.96	No
0.01	2.326	No

Constituent: Cobalt Analysis Run 5/16/2025 4:13 PM

Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum) - Updating Intrawell Background



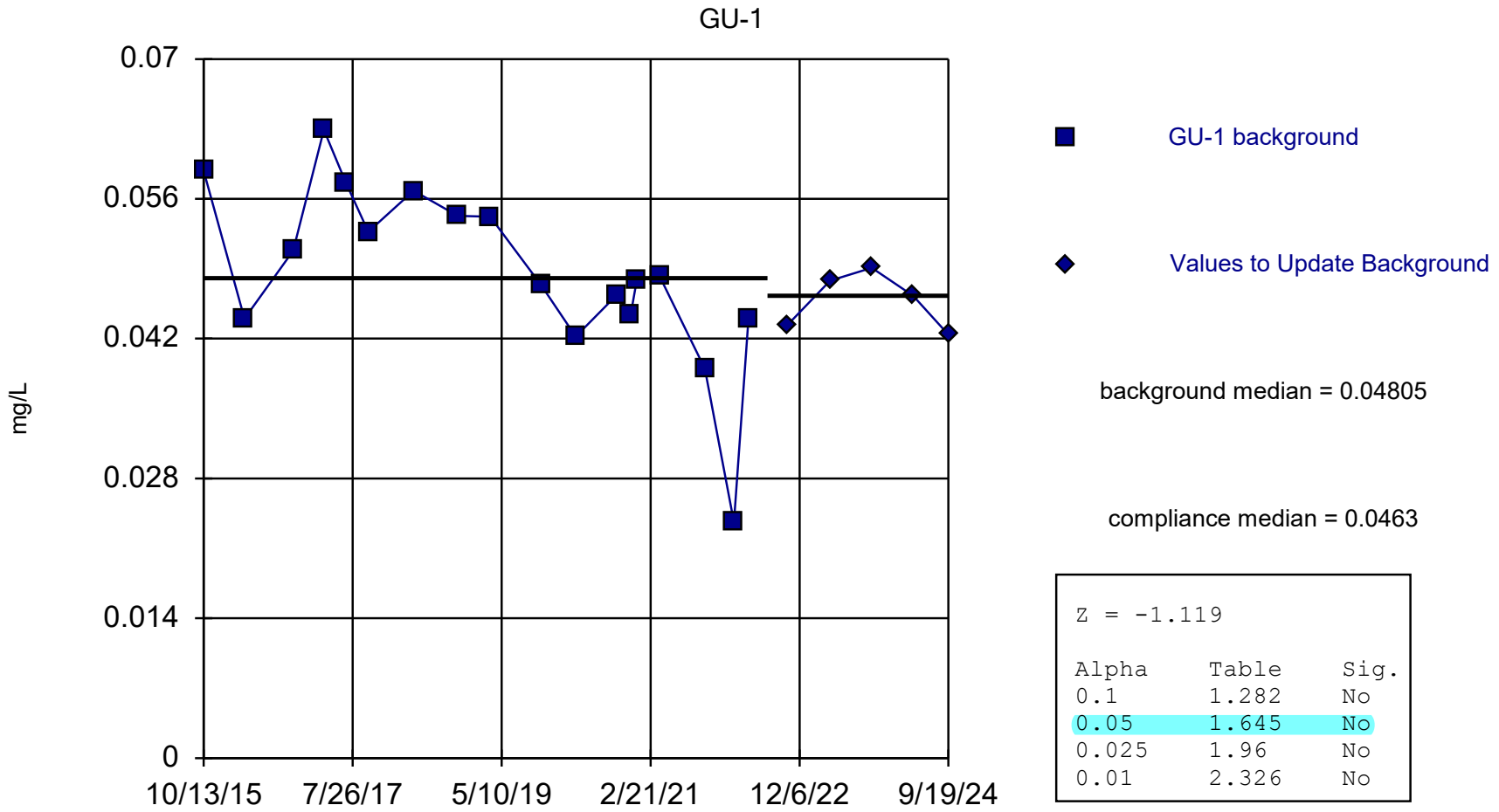
Z = -0.2497

Alpha	Table	Sig.
0.1	1.282	No
0.05	1.645	No
0.025	1.96	No
0.01	2.326	No

Constituent: Lead Analysis Run 5/16/2025 4:13 PM

Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

Mann-Whitney (Wilcoxon Rank Sum) - Updating Intrawell Background

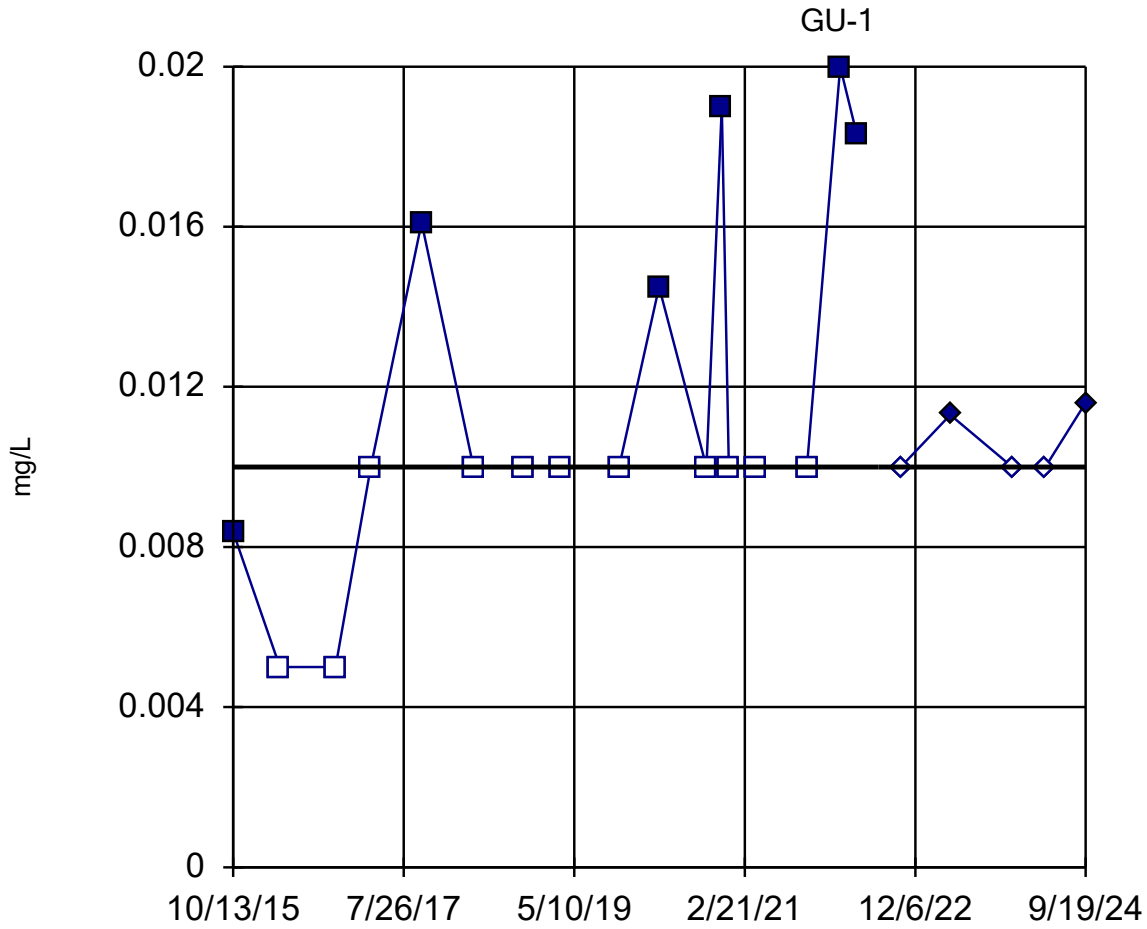


Constituent: Nickel Analysis Run 5/16/2025 4:13 PM

Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum) - Updating Intrawell Background



GU-1 background

Values to Update Background

background median = 0.01

compliance median = 0.01

Z = 0.2996

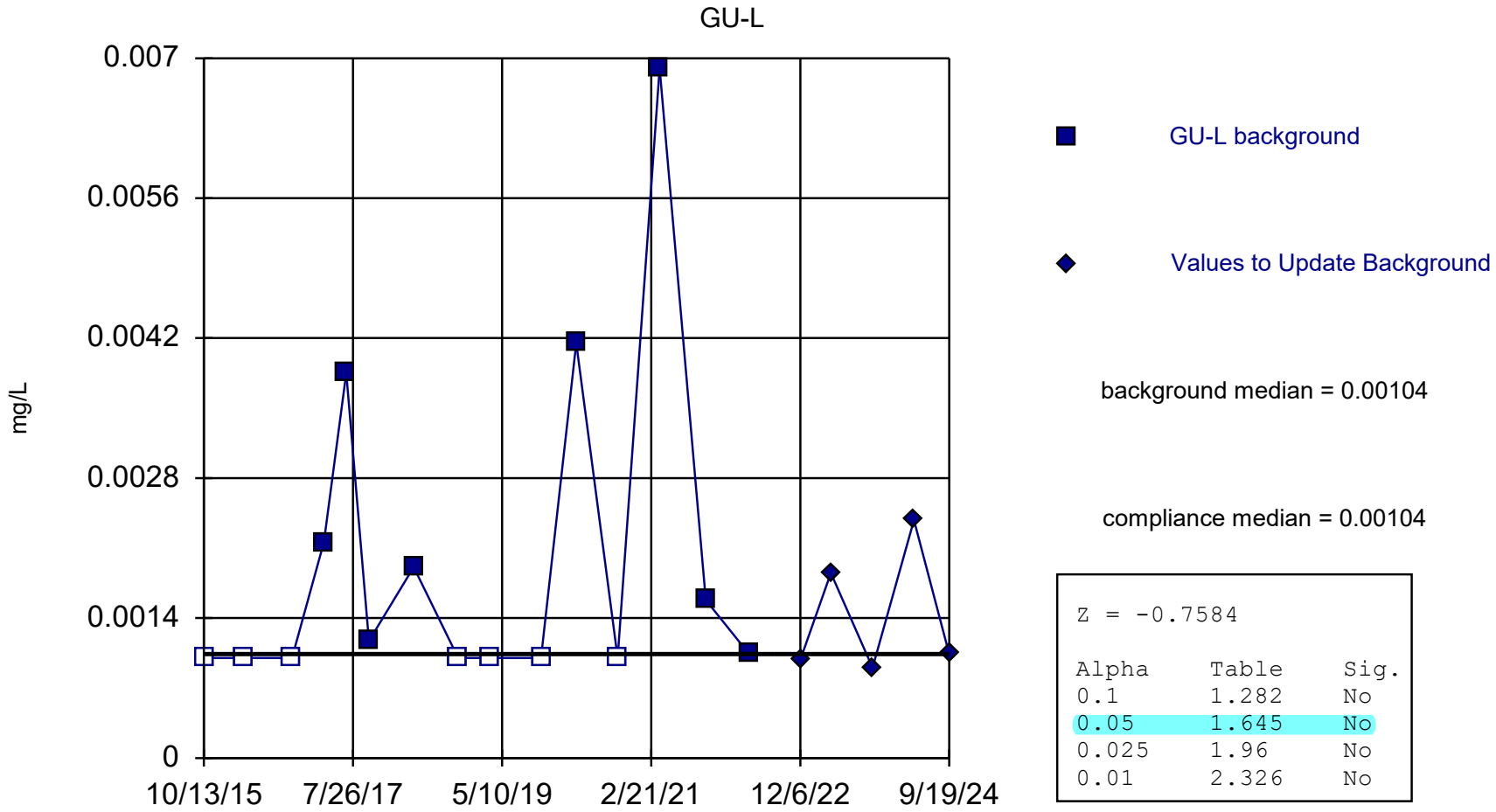
Alpha	Table	Sig.
0.1	1.282	No
0.05	1.645	No
0.025	1.96	No
0.01	2.326	No

Constituent: Zinc Analysis Run 5/16/2025 4:13 PM

Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

Hollow symbols indicate censored values.

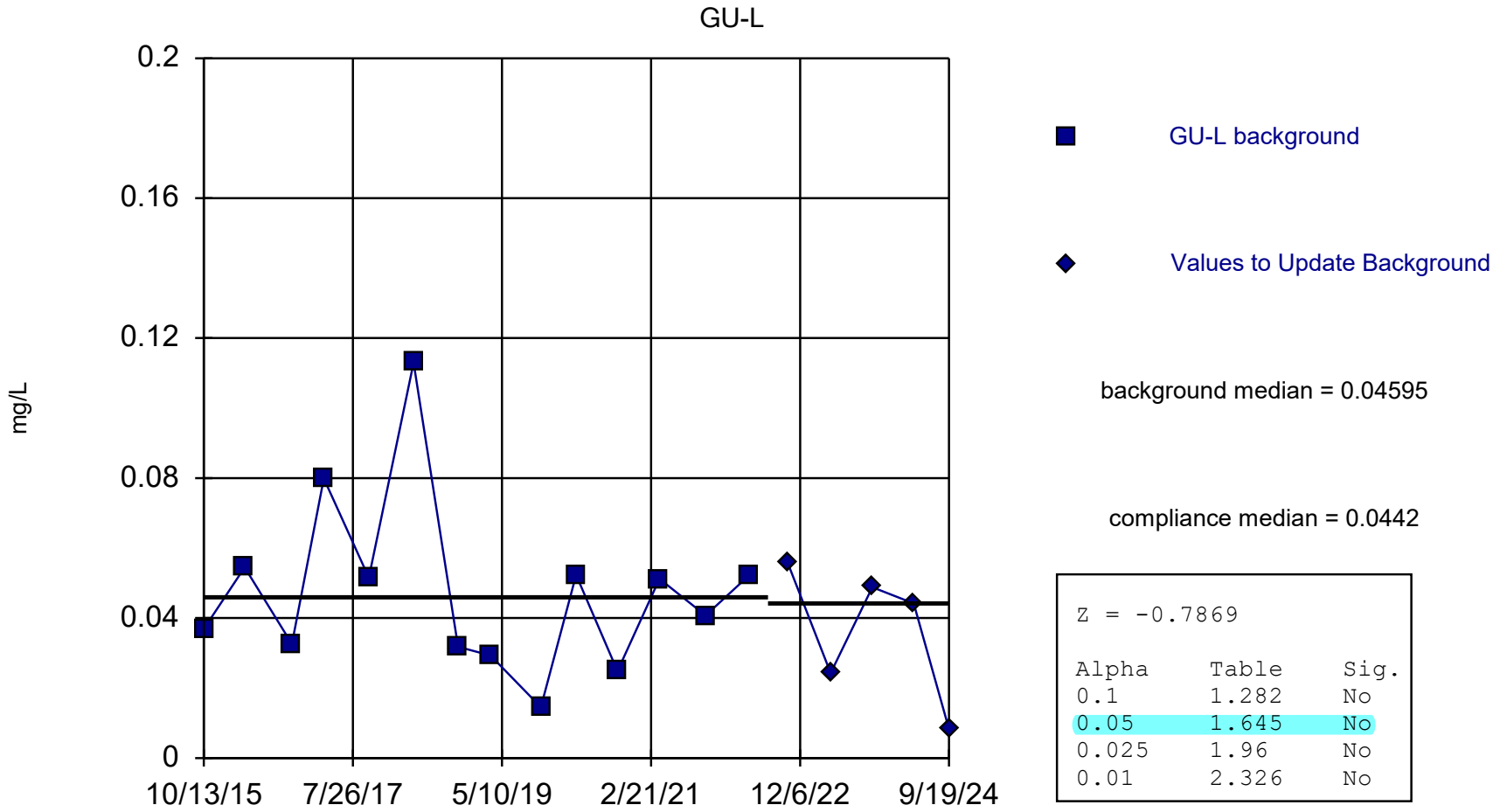
Mann-Whitney (Wilcoxon Rank Sum) - Updating Intrawell Background



Constituent: Arsenic Analysis Run 5/16/2025 4:39 PM

Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

Mann-Whitney (Wilcoxon Rank Sum) - Updating Intrawell Background

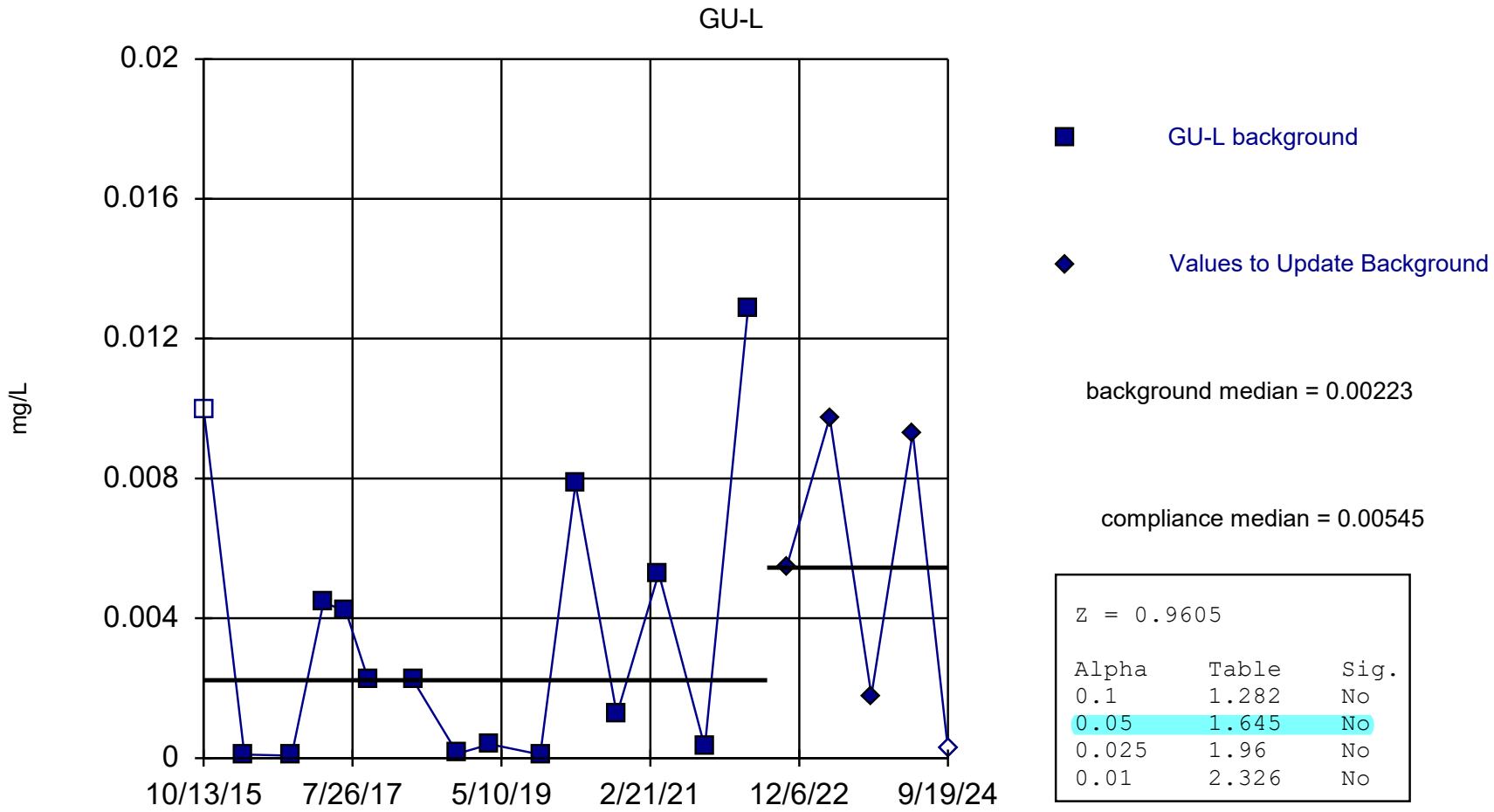


Constituent: Barium Analysis Run 5/16/2025 4:39 PM

Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum) - Updating Intrawell Background

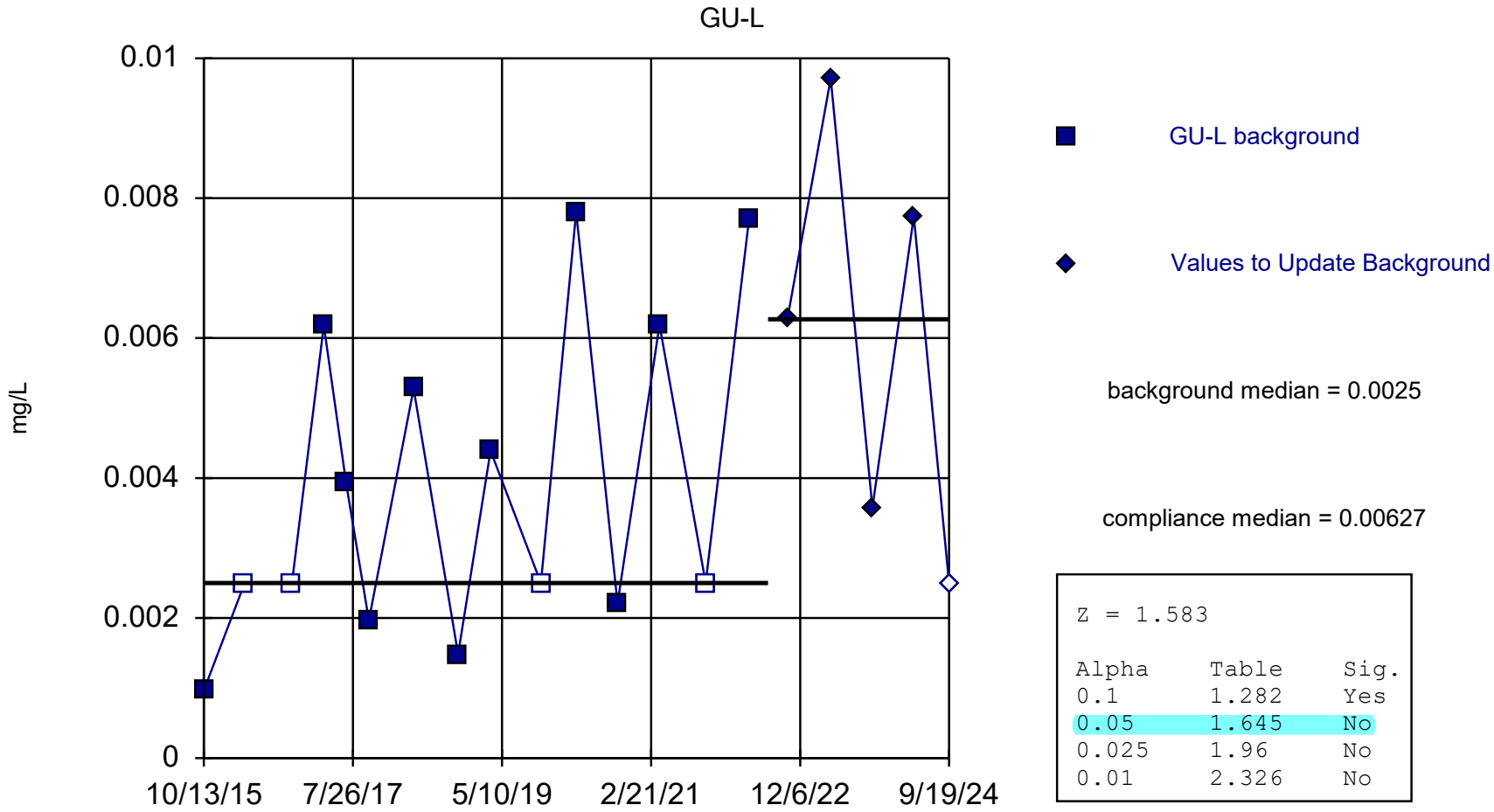


Constituent: Cobalt Analysis Run 5/16/2025 4:39 PM

Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum) - Updating Intrawell Background



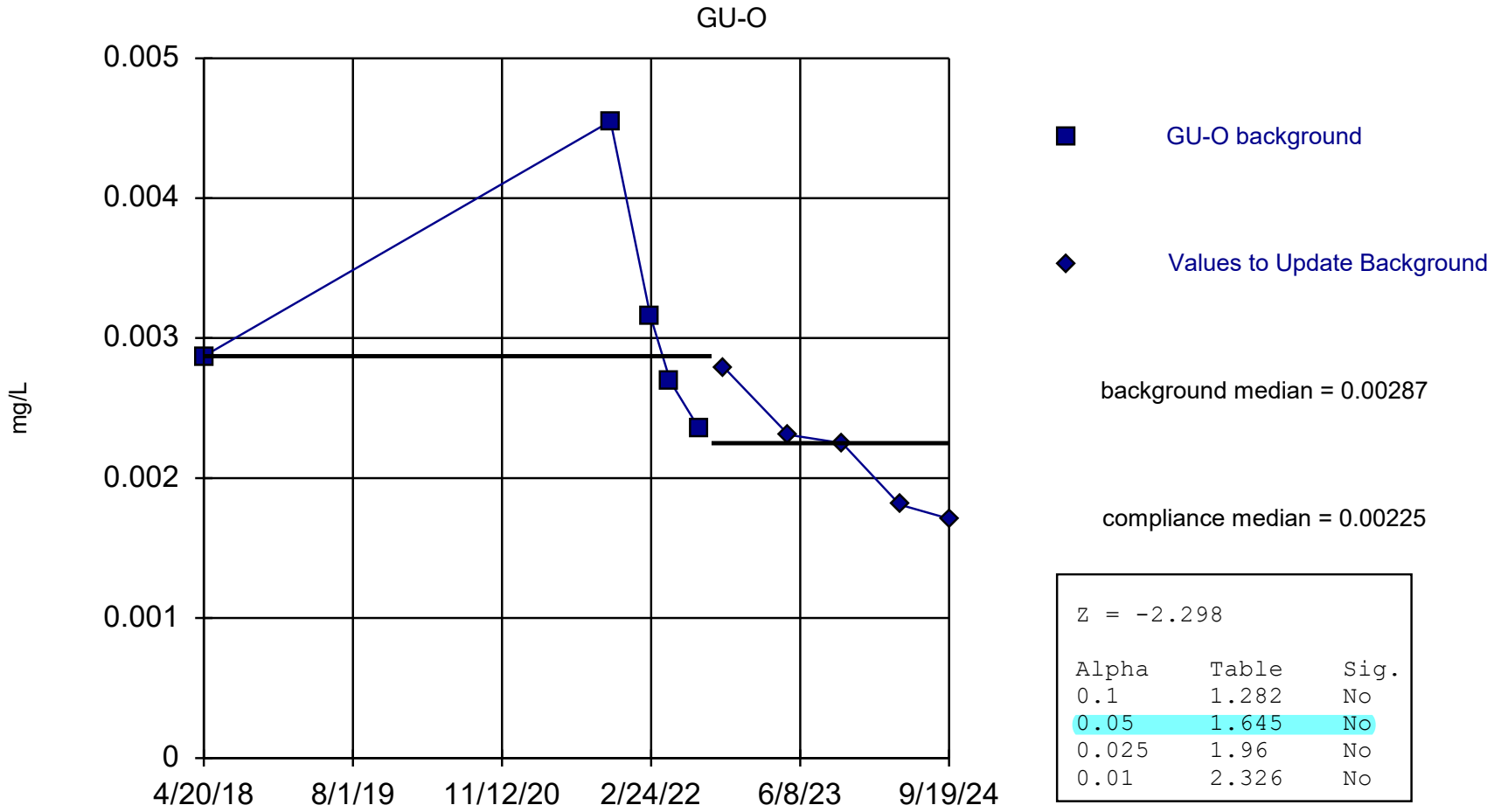
Z = 1.583

Alpha	Table	Sig.
0.1	1.282	Yes
0.05	1.645	No
0.025	1.96	No
0.01	2.326	No

Constituent: Nickel Analysis Run 5/16/2025 4:39 PM

Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

Mann-Whitney (Wilcoxon Rank Sum) - Updating Intrawell Background



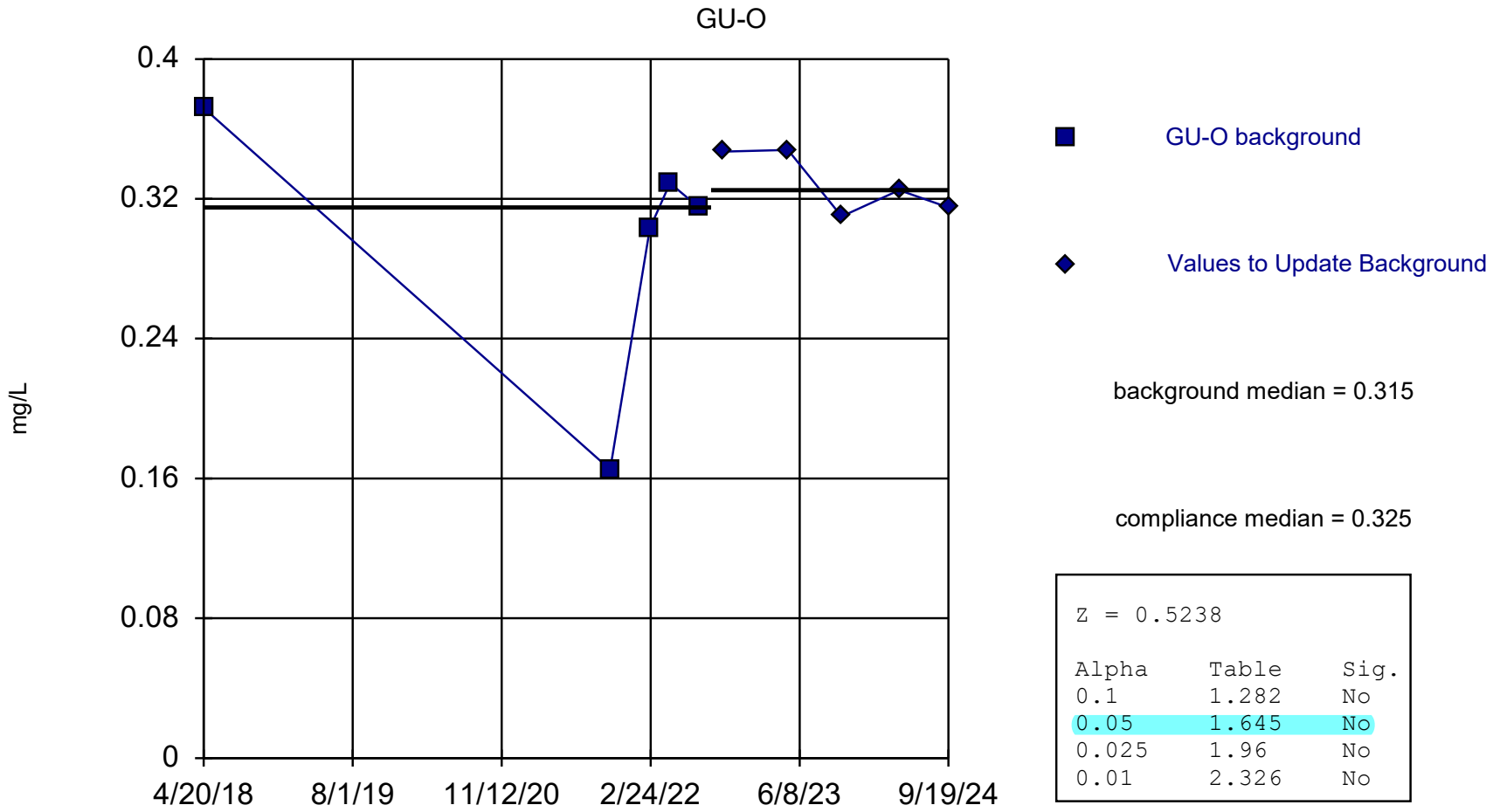
Z = -2.298

Alpha	Table	Sig.
0.1	1.282	No
0.05	1.645	No
0.025	1.96	No
0.01	2.326	No

Constituent: Arsenic Analysis Run 5/16/2025 4:49 PM

Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

Mann-Whitney (Wilcoxon Rank Sum) - Updating Intrawell Background

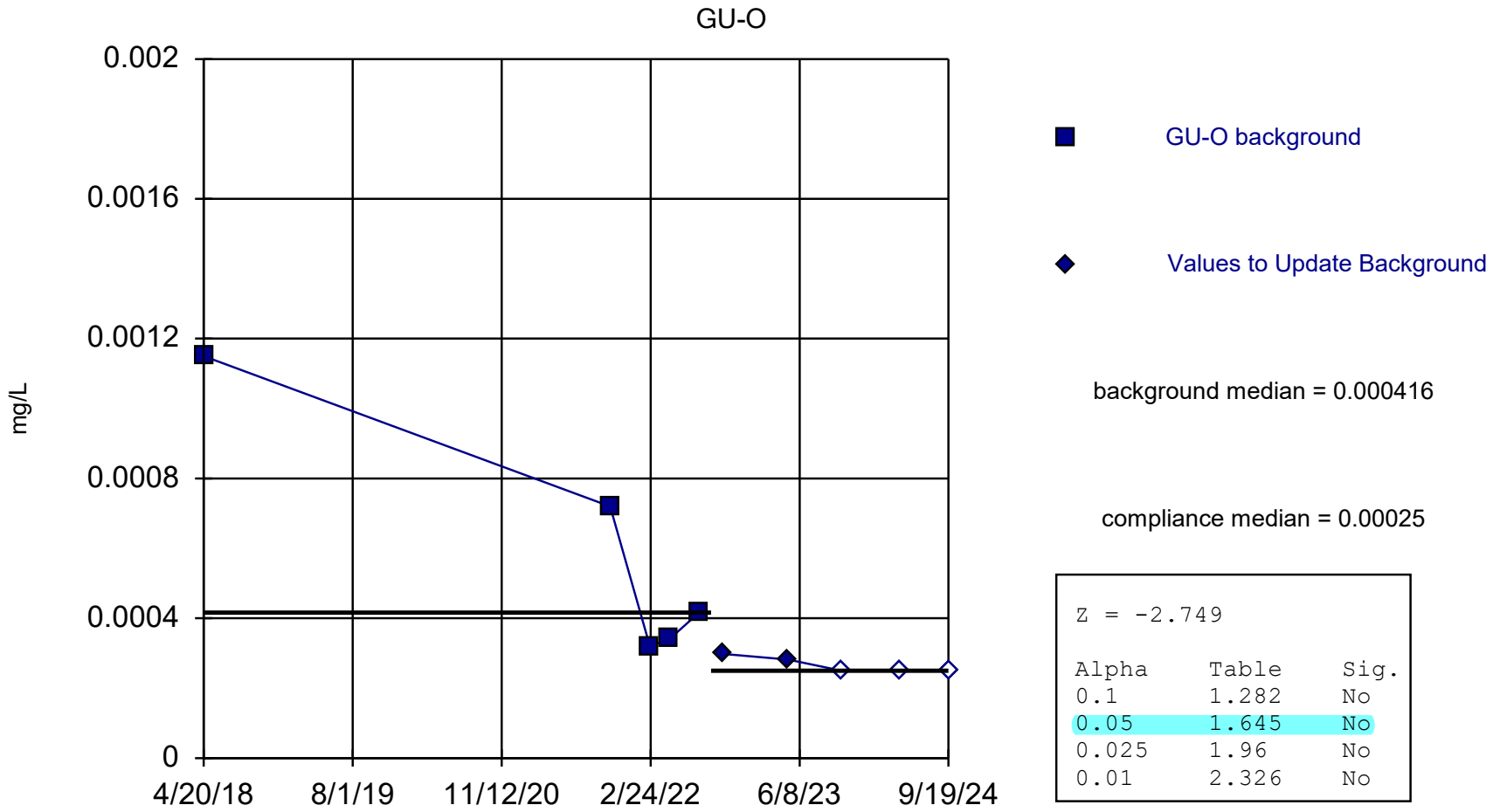


Constituent: Barium Analysis Run 5/16/2025 4:49 PM

Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

Hollow symbols indicate censored values.

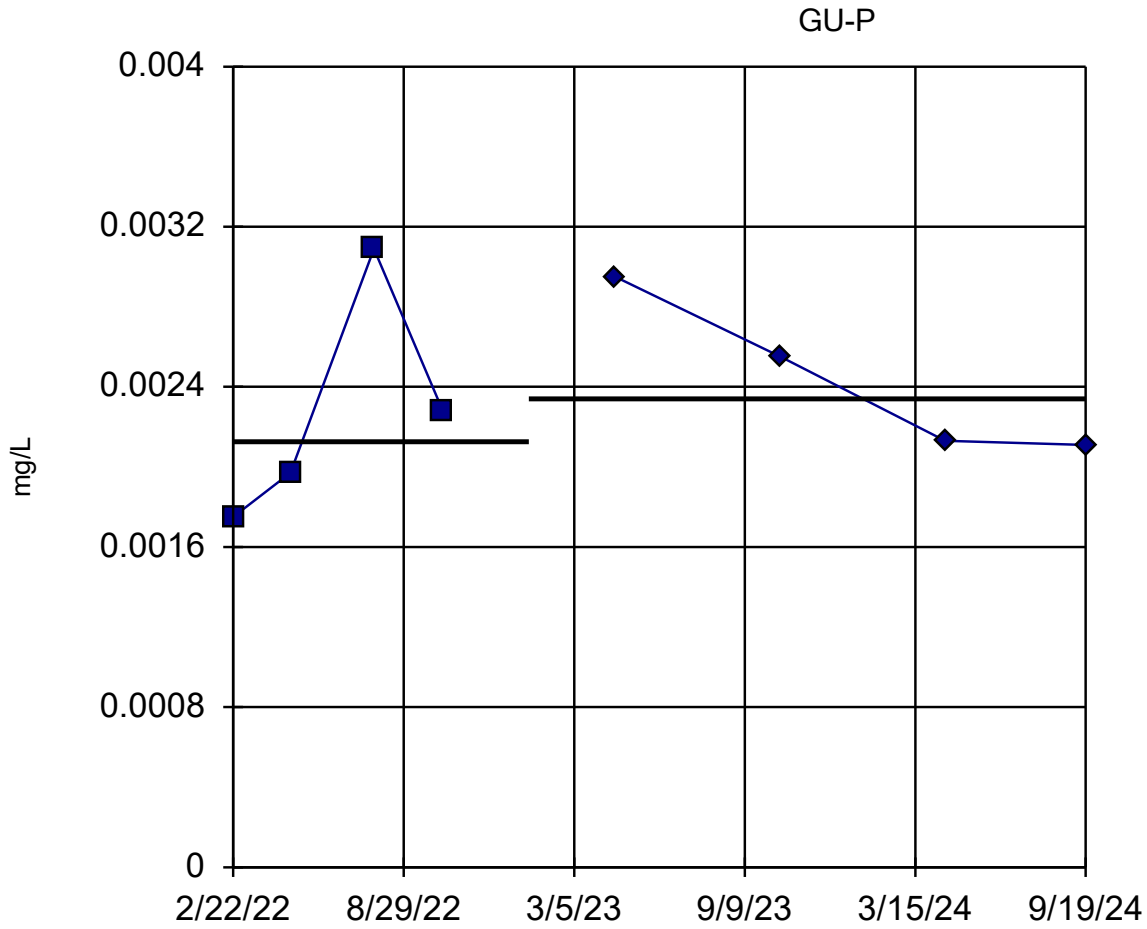
Mann-Whitney (Wilcoxon Rank Sum) - Updating Intrawell Background



Constituent: Cobalt Analysis Run 5/16/2025 4:49 PM

Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

Mann-Whitney (Wilcoxon Rank Sum) - Updating Intrawell Background



GU-P background

Values to Update Background

background median = 0.002125

compliance median = 0.00234

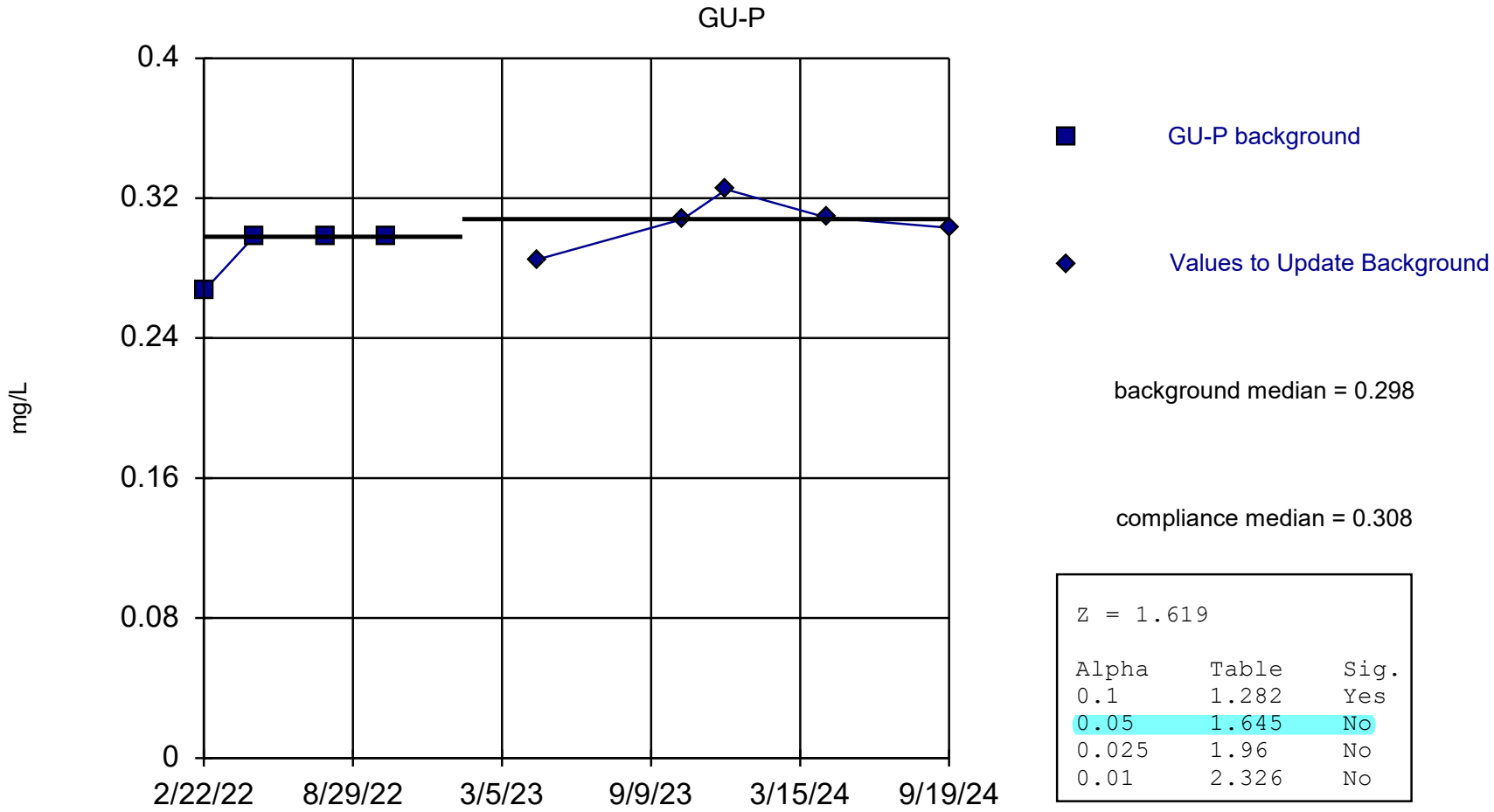
Z = 0.433

Alpha	Table	Sig.
0.1	1.282	No
0.05	1.645	No
0.025	1.96	No
0.01	2.326	No

Constituent: Arsenic Analysis Run 5/16/2025 4:53 PM

Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

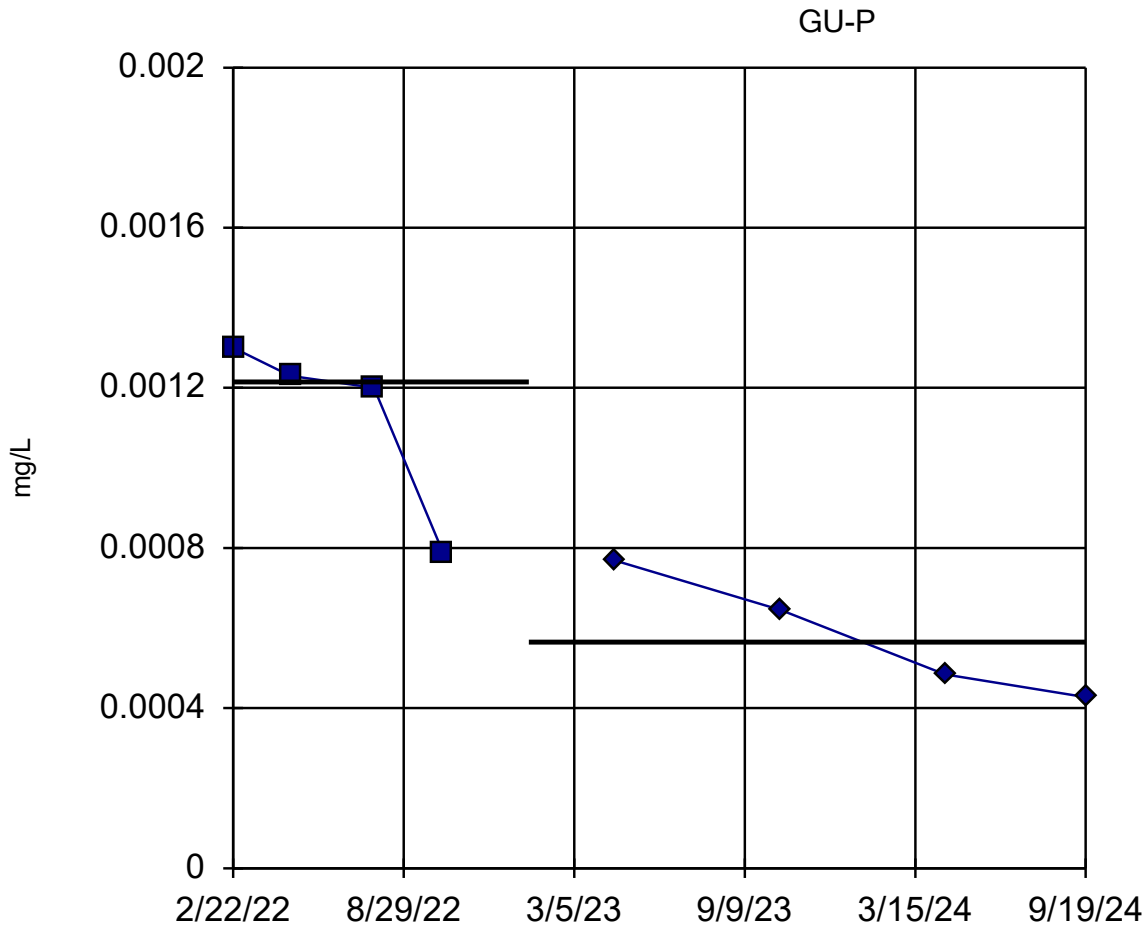
Mann-Whitney (Wilcoxon Rank Sum) - Updating Intrawell Background



Constituent: Barium Analysis Run 5/16/2025 4:53 PM

Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

Mann-Whitney (Wilcoxon Rank Sum) - Updating Intrawell Background



GU-P background

Values to Update Background

background median = 0.001215

compliance median = 0.0005645

Z = -2.454

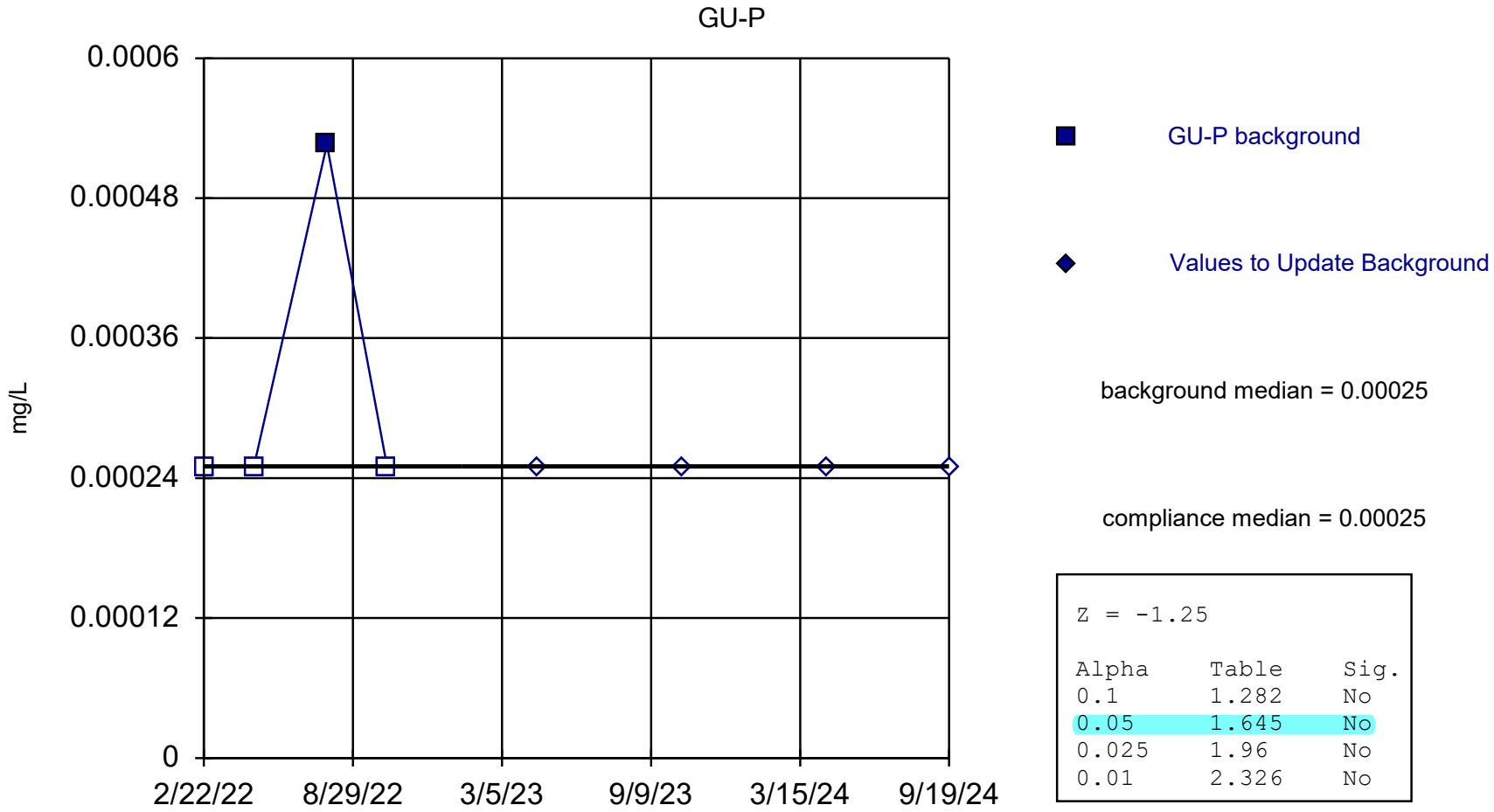
Alpha	Table	Sig.
0.1	1.282	No
0.05	1.645	No
0.025	1.96	No
0.01	2.326	No

Constituent: Cobalt Analysis Run 5/16/2025 4:53 PM

Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum) - Updating Intrawell Background

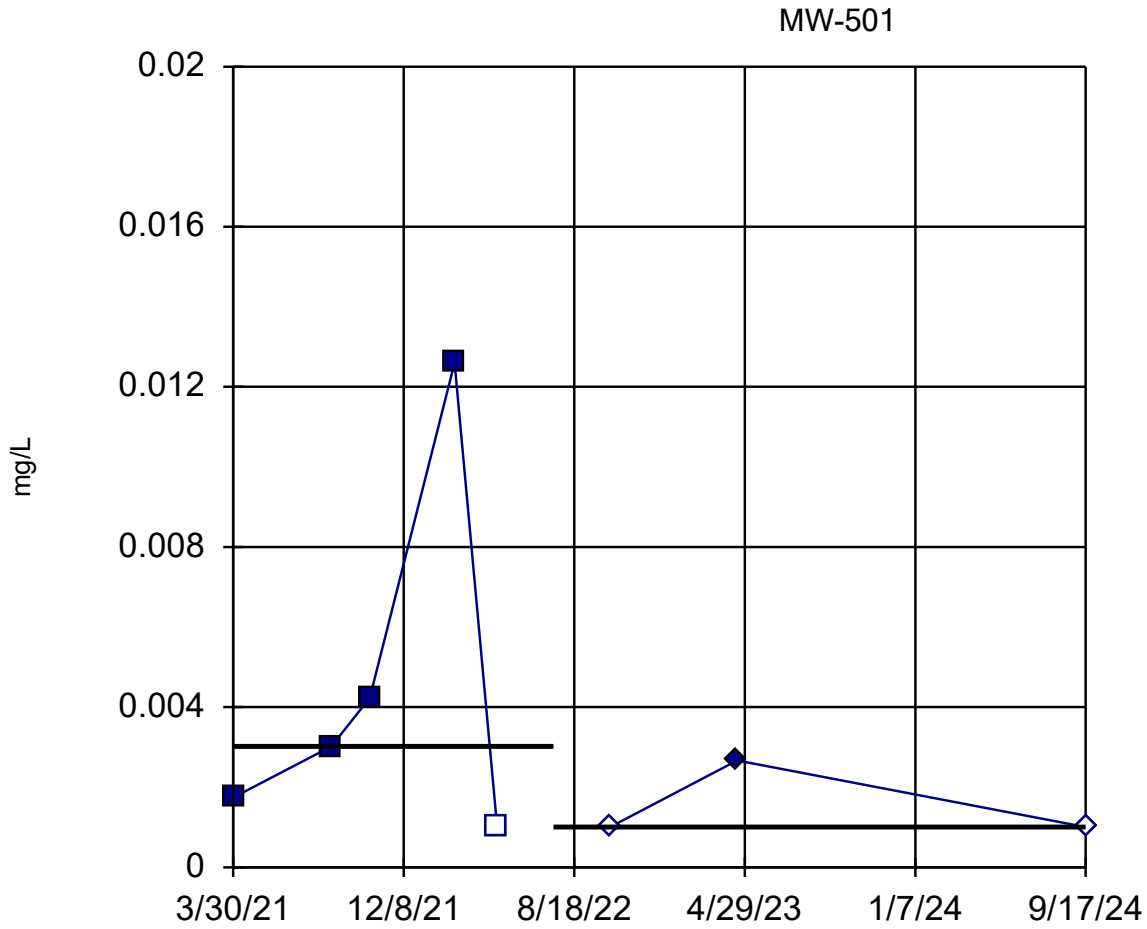


Constituent: Lead Analysis Run 5/16/2025 4:53 PM

Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum) - Updating Intrawell Background



MW-501 background

Values to Update Background

background median = 0.00302

compliance median = 0.001

Z = -1.528

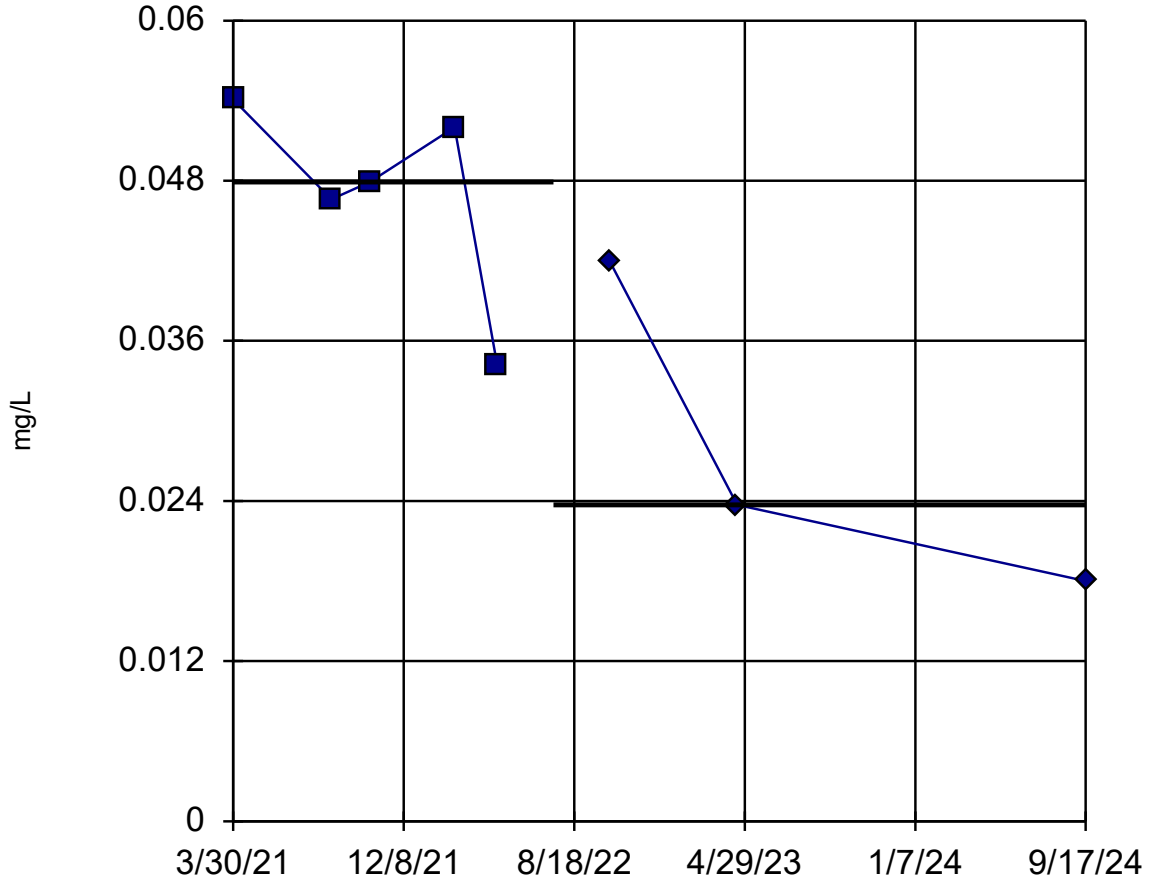
Alpha	Table	Sig.
0.1	1.282	No
0.05	1.645	No
0.025	1.96	No
0.01	2.326	No

Constituent: Arsenic Analysis Run 5/16/2025 4:35 PM

Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

Mann-Whitney (Wilcoxon Rank Sum) - Updating Intrawell Background

MW-501



MW-501 background

Values to Update Background

background median = 0.0479

compliance median = 0.0237

Z = -2.087

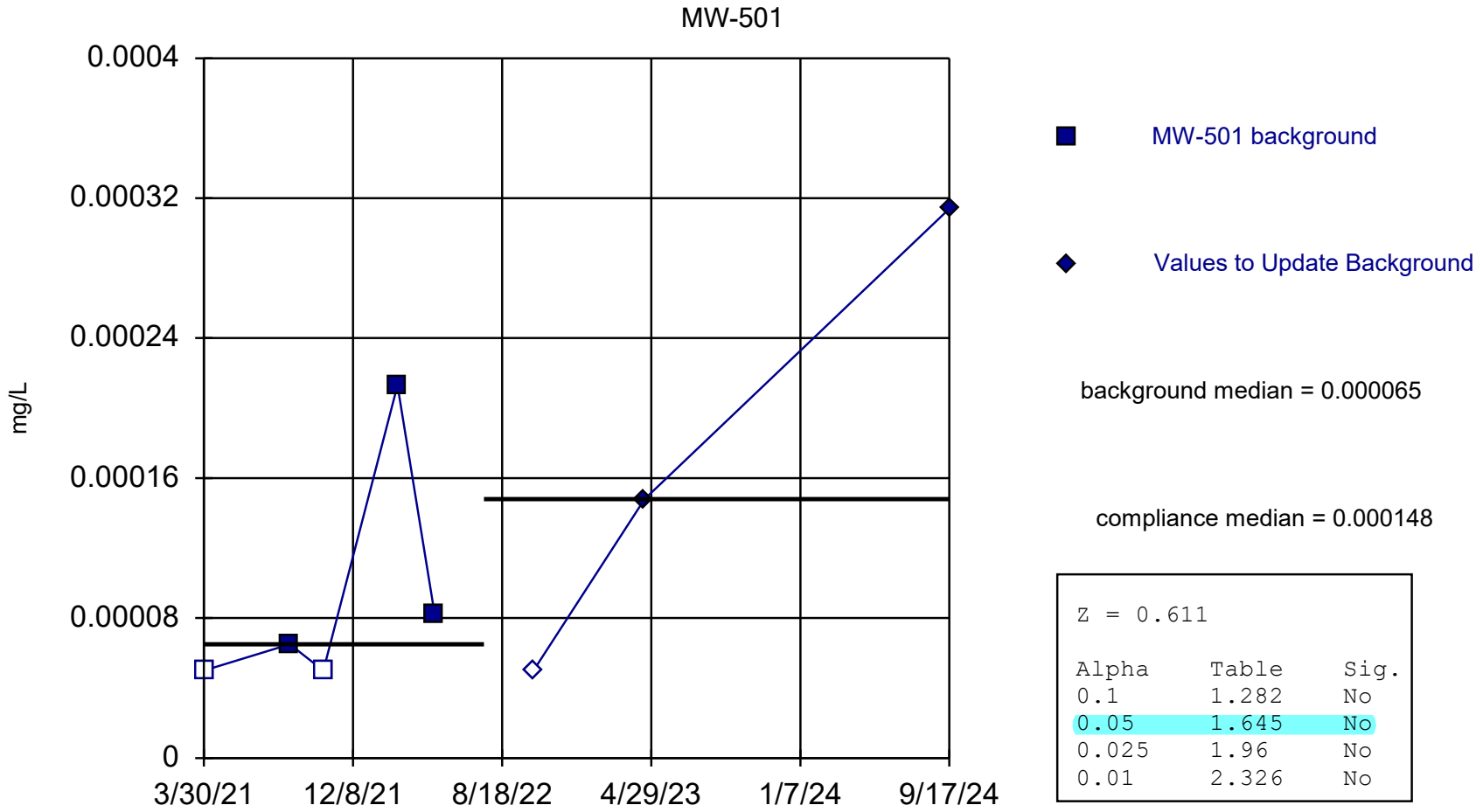
Alpha	Table	Sig.
0.1	1.282	No
0.05	1.645	No
0.025	1.96	No
0.01	2.326	No

Constituent: Barium Analysis Run 5/16/2025 4:35 PM

Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum) - Updating Intrawell Background



Z = 0.611

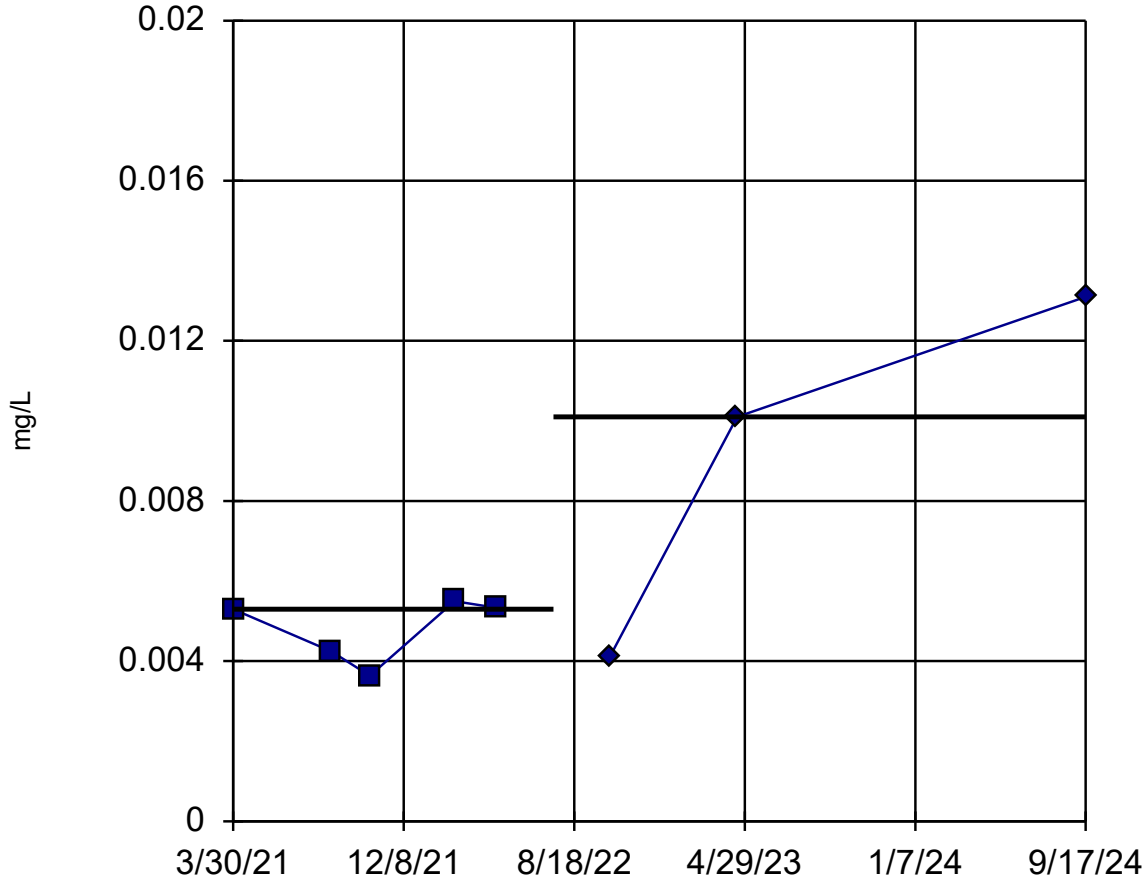
Alpha	Table	Sig.
0.1	1.282	No
0.05	1.645	No
0.025	1.96	No
0.01	2.326	No

Constituent: Cadmium Analysis Run 5/16/2025 4:35 PM

Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

Mann-Whitney (Wilcoxon Rank Sum) - Updating Intrawell Background

MW-501



MW-501 background

Values to Update Background

background median = 0.0053

compliance median = 0.0101

Z = 0.8944

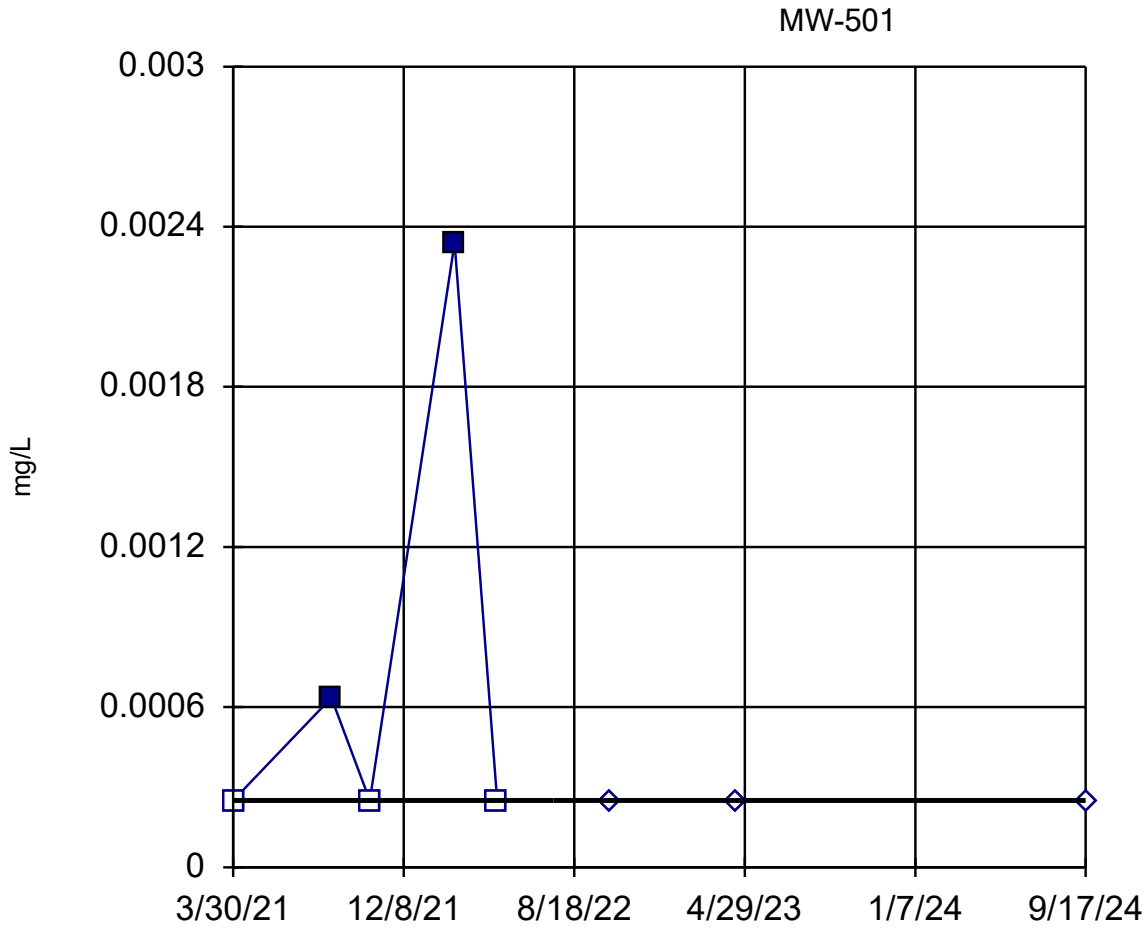
Alpha	Table	Sig.
0.1	1.282	No
0.05	1.645	No
0.025	1.96	No
0.01	2.326	No

Constituent: Cobalt Analysis Run 5/16/2025 4:35 PM

Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum) - Updating Intrawell Background



MW-501 background

Values to Update Background

background median = 0.00025

compliance median = 0.00025

Z = -1.366

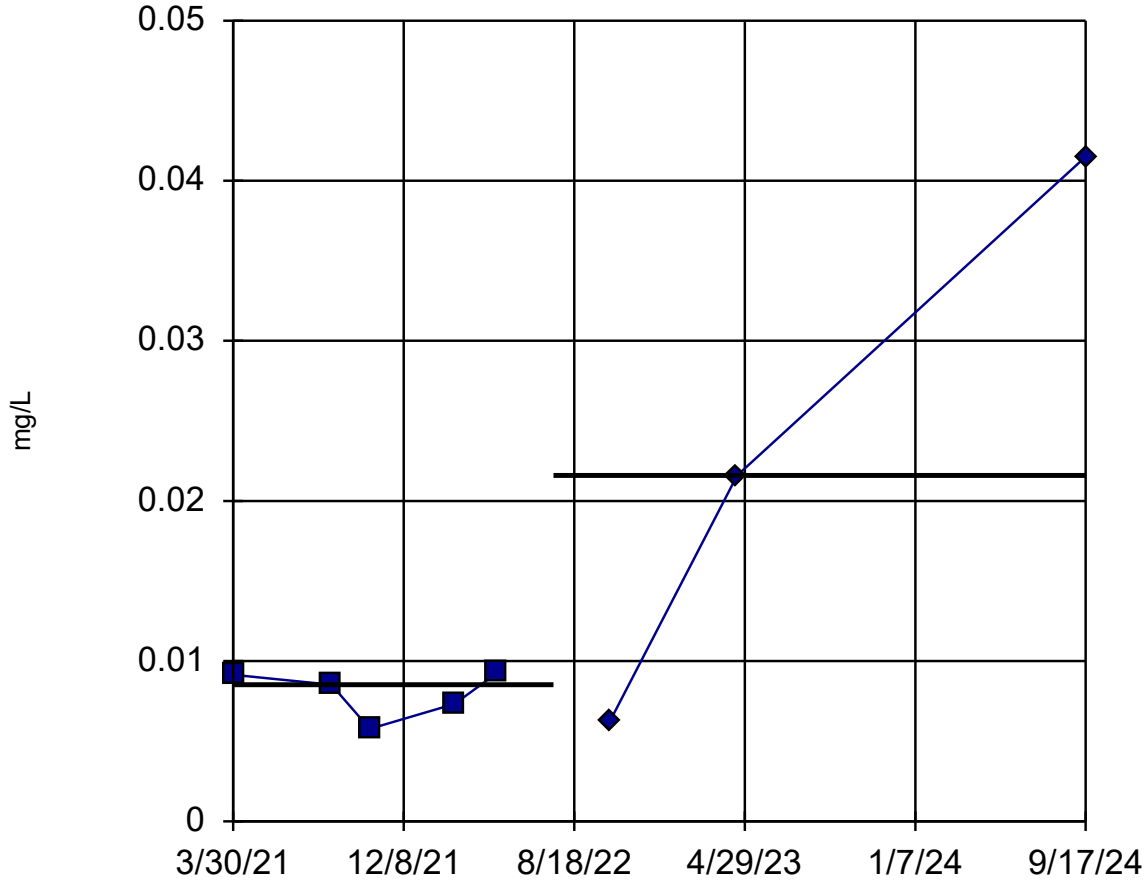
Alpha	Table	Sig.
0.1	1.282	No
0.05	1.645	No
0.025	1.96	No
0.01	2.326	No

Constituent: Lead Analysis Run 5/16/2025 4:35 PM

Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

Mann-Whitney (Wilcoxon Rank Sum) - Updating Intrawell Background

MW-501



MW-501 background

Values to Update Background

background median = 0.00853

compliance median = 0.0216

Z = 0.8944

Alpha	Table	Sig.
0.1	1.282	No
0.05	1.645	No
0.025	1.96	No
0.01	2.326	No

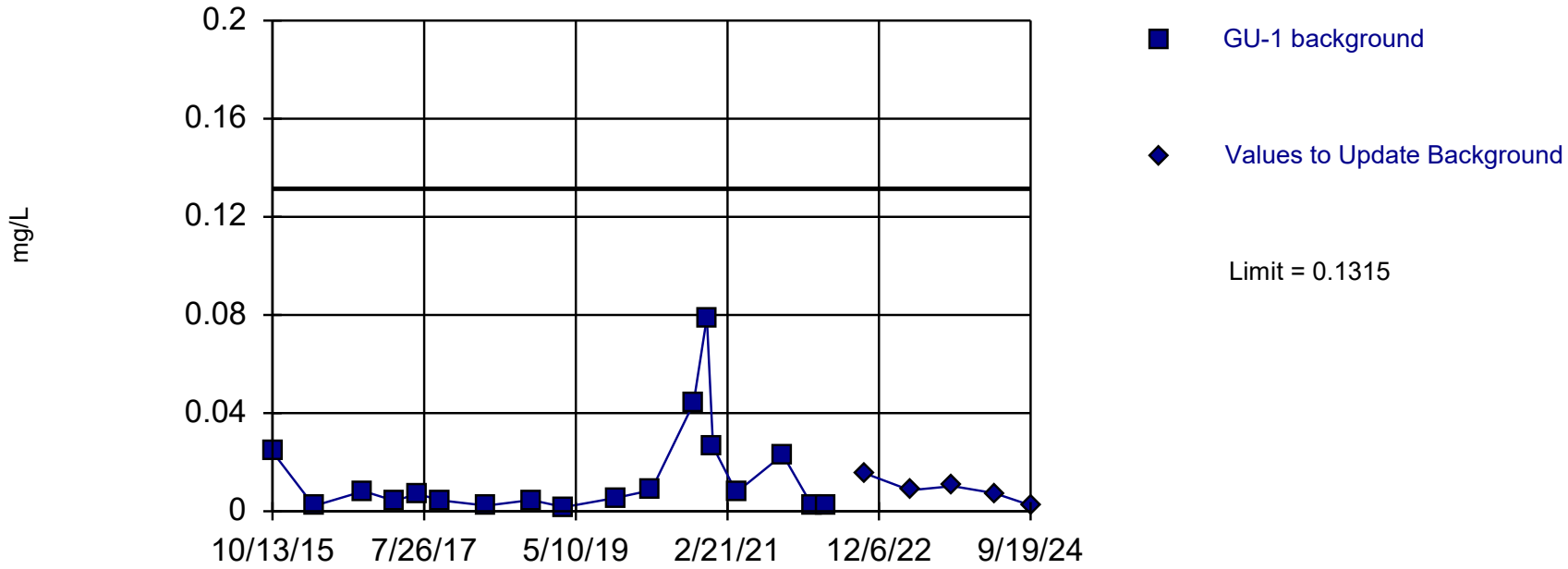
Constituent: Nickel Analysis Run 5/16/2025 4:35 PM

Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

Within Limit

Prediction Limit - Updating Intrawell Background

Intrawell Parametric



Background Data Summary (based on natural log transformation): Mean=-4.913, Std. Dev.=1.136, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9252, critical = 0.858. Kappa = 2.538 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

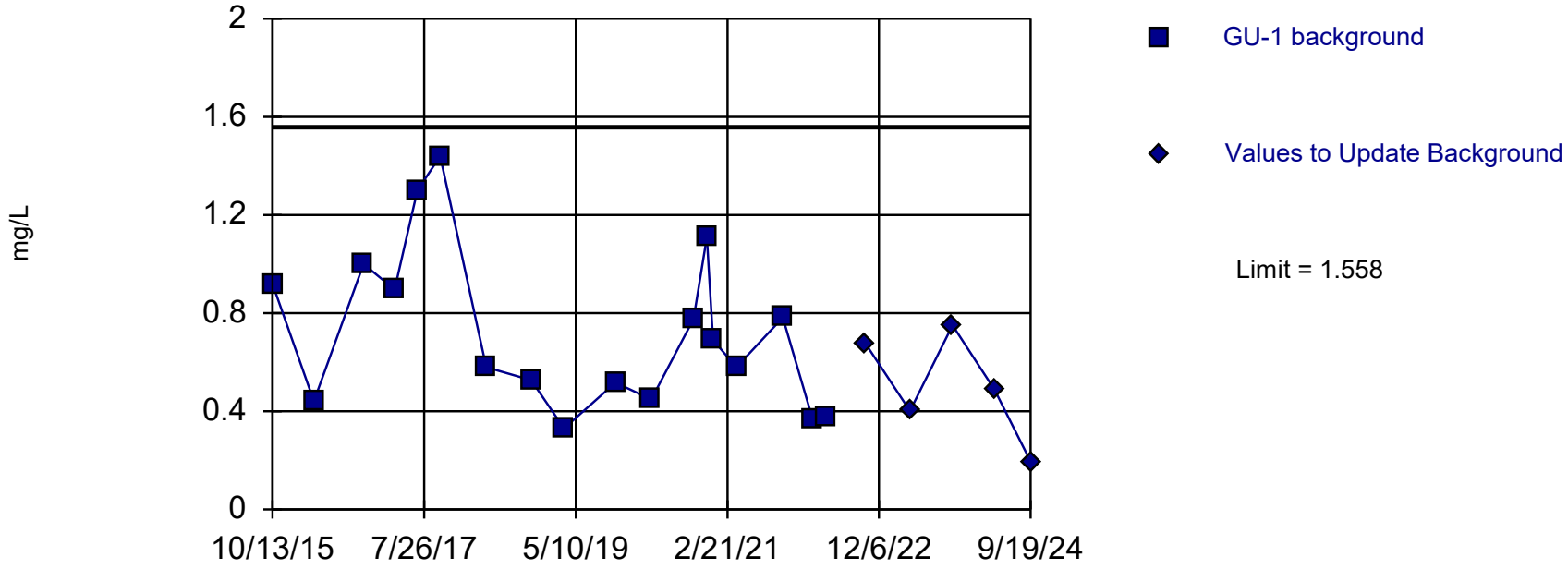
Constituent: Arsenic Analysis Run 5/16/2025 4:48 PM

Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

Within Limit

Prediction Limit - Updating Intrawell Background

Intrawell Parametric



Background Data Summary: Mean=0.7272, Std. Dev.=0.3274, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9235, critical = 0.858. Kappa = 2.538 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

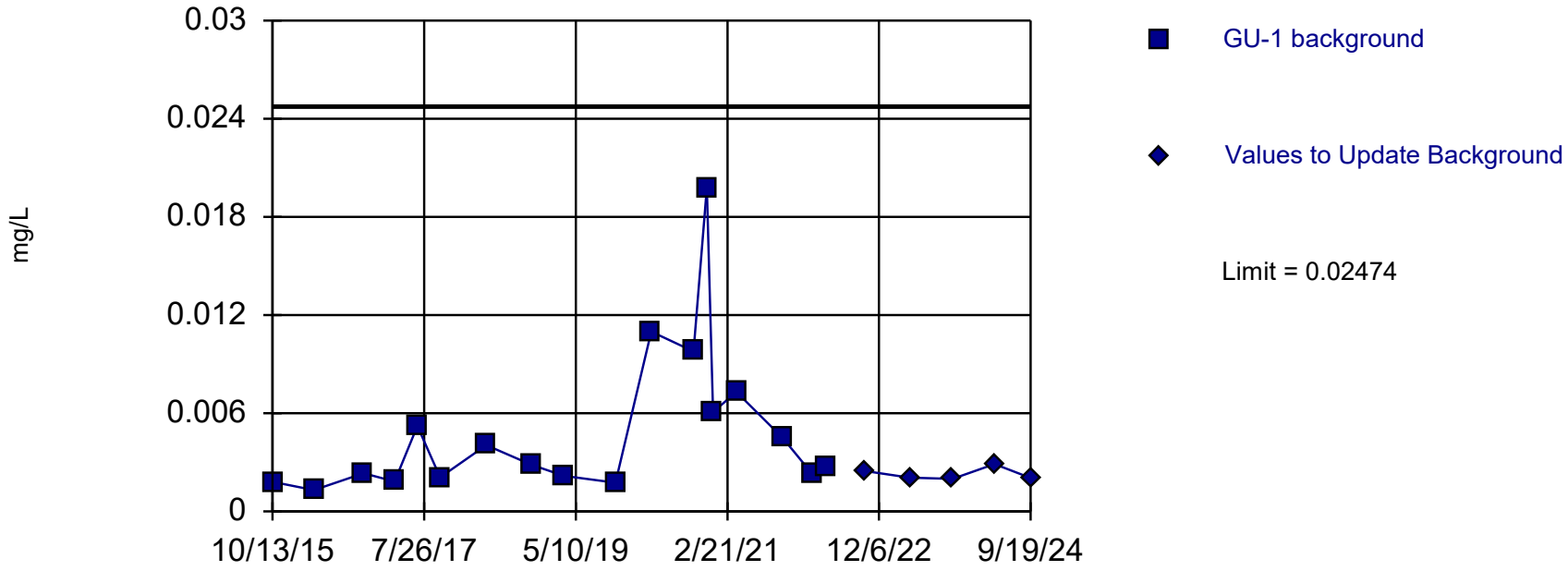
Constituent: Barium Analysis Run 5/16/2025 4:48 PM

Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

Within Limit

Prediction Limit - Updating Intrawell Background

Intrawell Parametric



Background Data Summary (based on natural log transformation): Mean=-5.616, Std. Dev.=0.7552, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9272, critical = 0.858. Kappa = 2.538 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

Constituent: Cobalt Analysis Run 5/16/2025 4:48 PM

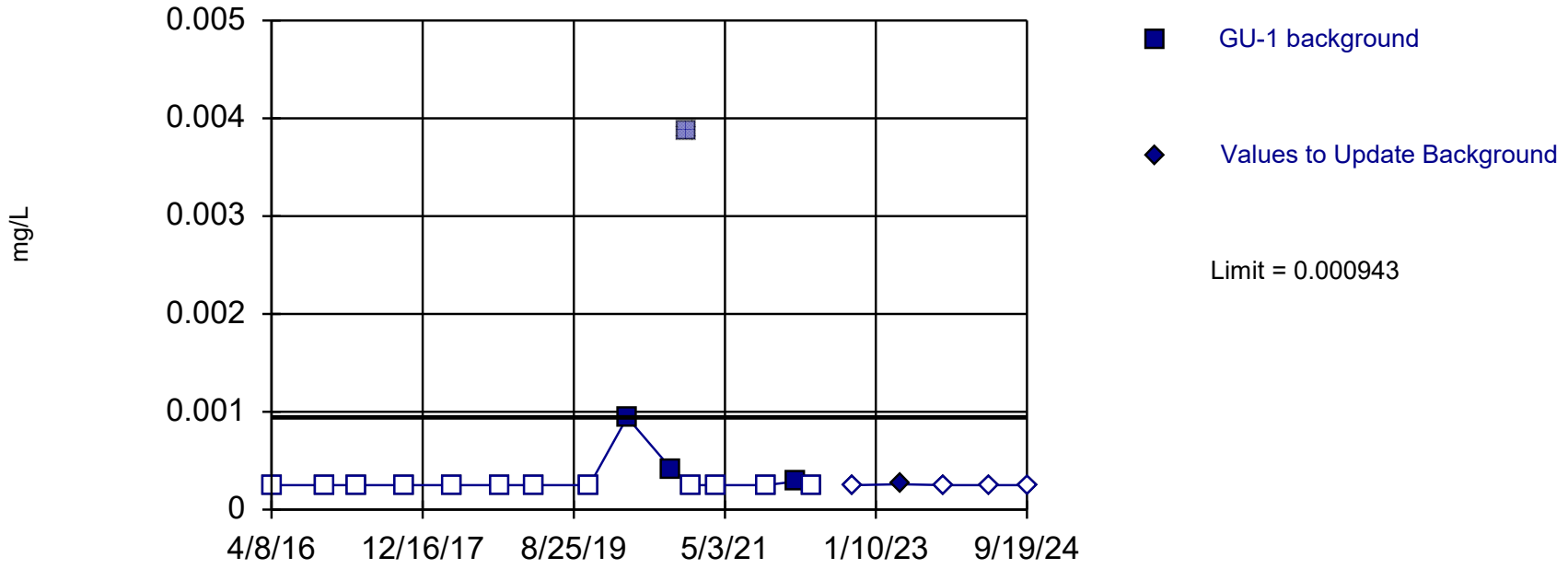
Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Updating Intrawell Background

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 80% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

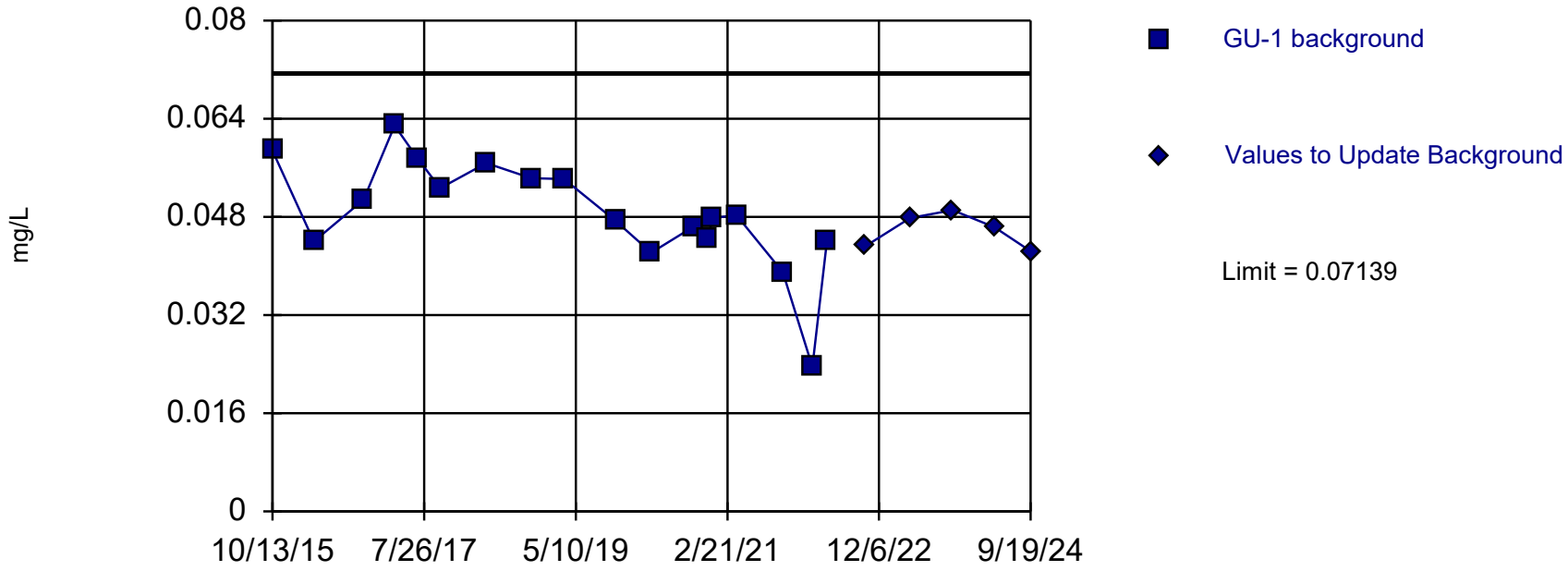
Constituent: Lead Analysis Run 5/16/2025 4:48 PM

Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

Within Limit

Prediction Limit - Updating Intrawell Background

Intrawell Parametric



Background Data Summary: Mean=0.04862, Std. Dev.=0.008971, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9311, critical = 0.858. Kappa = 2.538 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

Constituent: Nickel Analysis Run 5/16/2025 4:48 PM

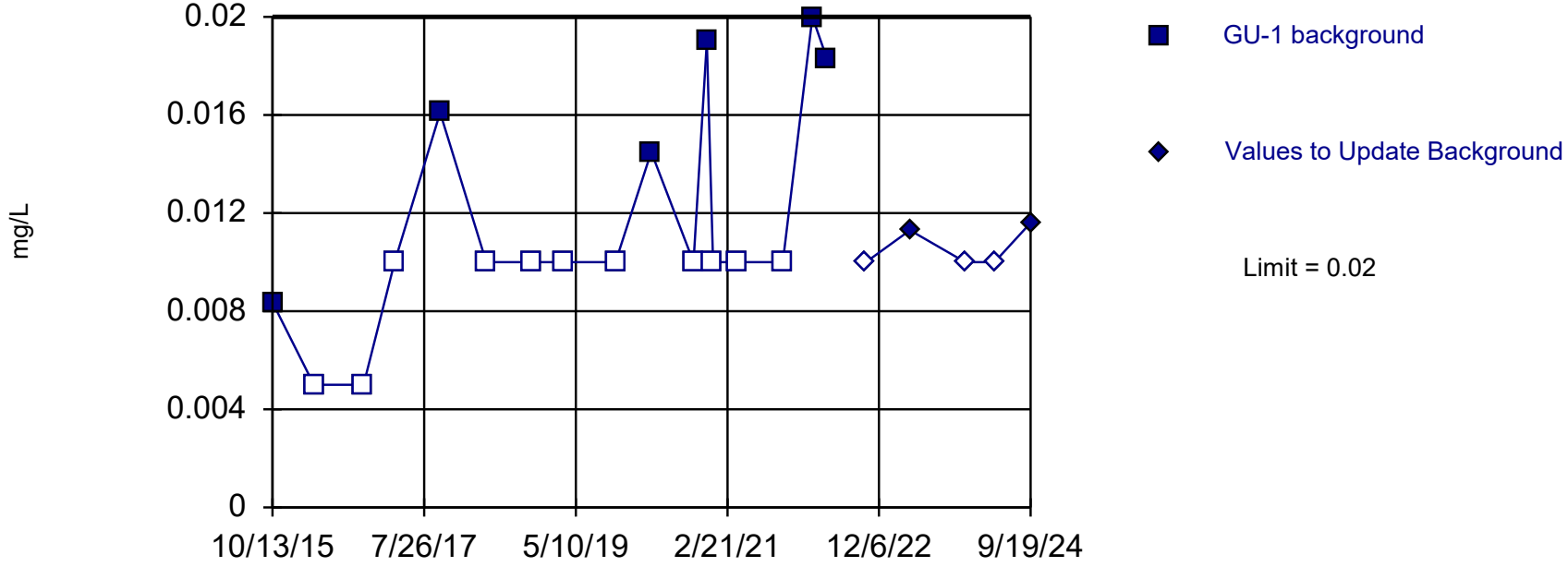
Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Updating Intrawell Background

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 64.71% NDs. Well-constituent pair annual alpha = 0.01179. Individual comparison alpha = 0.005914 (1 of 2).

Constituent: Zinc Analysis Run 5/16/2025 4:48 PM

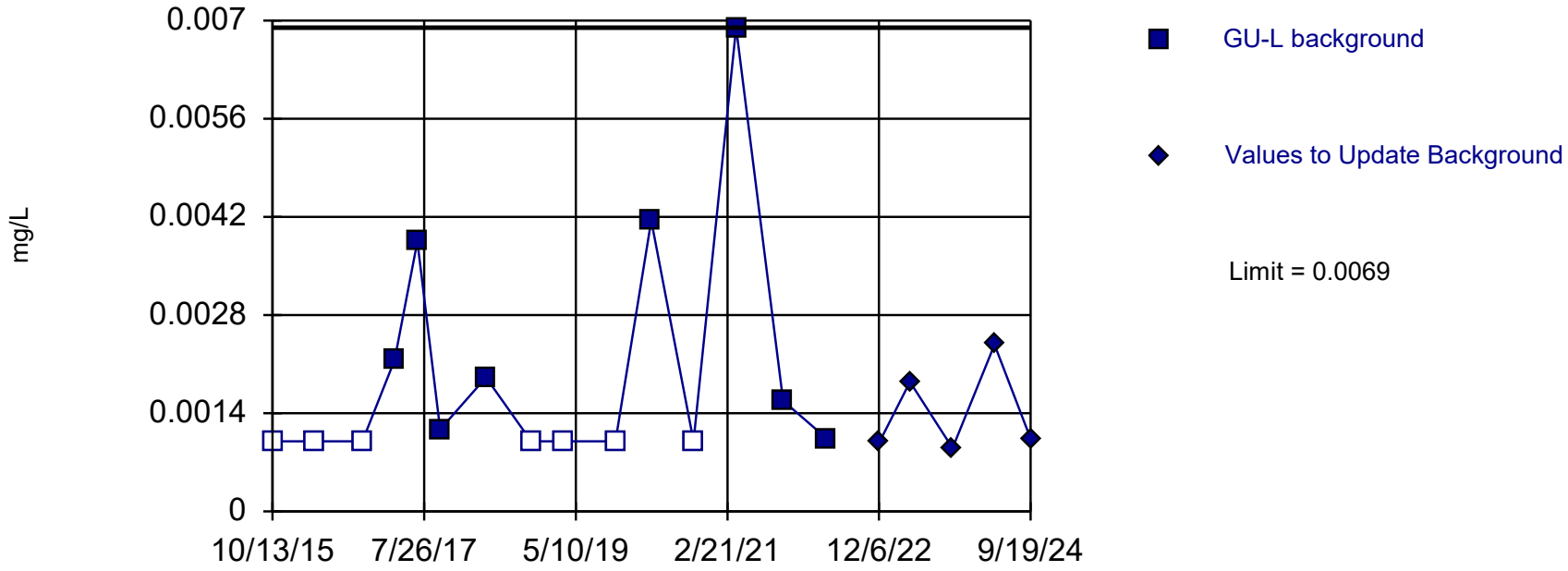
Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Updating Intrawell Background

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 15 background values. 46.67% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

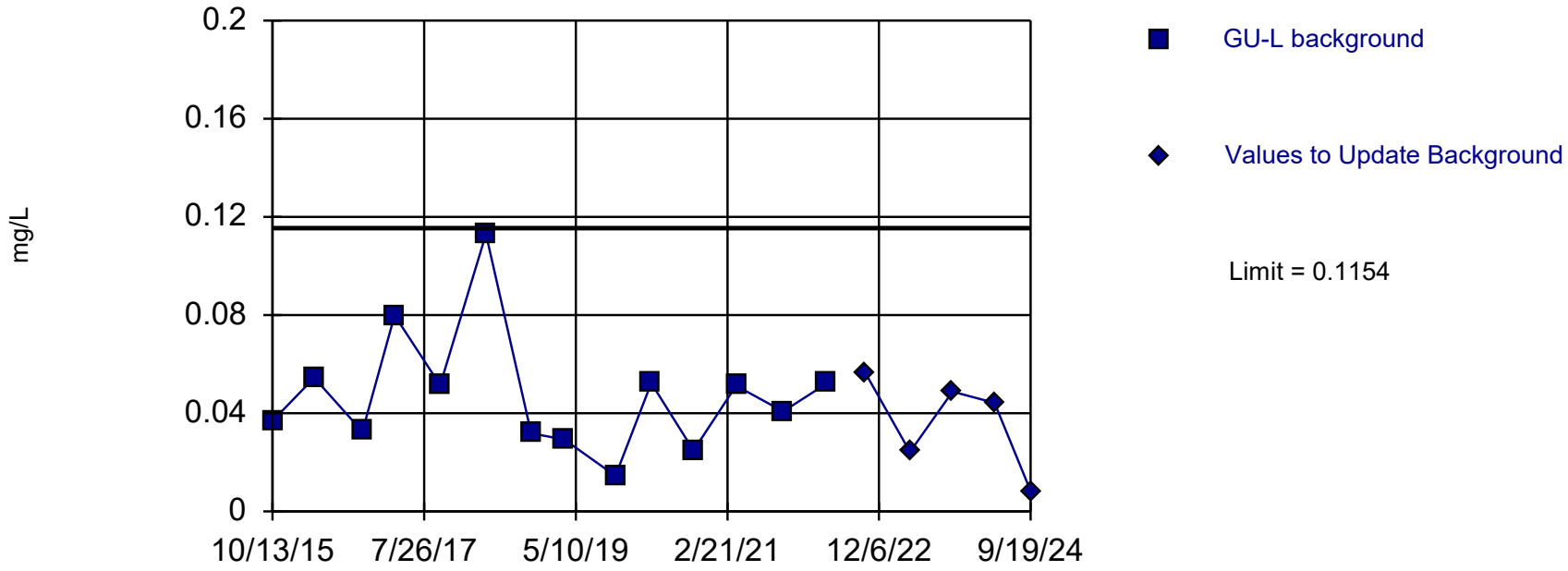
Constituent: Arsenic Analysis Run 5/16/2025 4:56 PM

Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

Within Limit

Prediction Limit - Updating Intrawell Background

Intrawell Parametric



Background Data Summary: Mean=0.04751, Std. Dev.=0.02485, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8716, critical = 0.825. Kappa = 2.732 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

Constituent: Barium Analysis Run 5/16/2025 4:56 PM

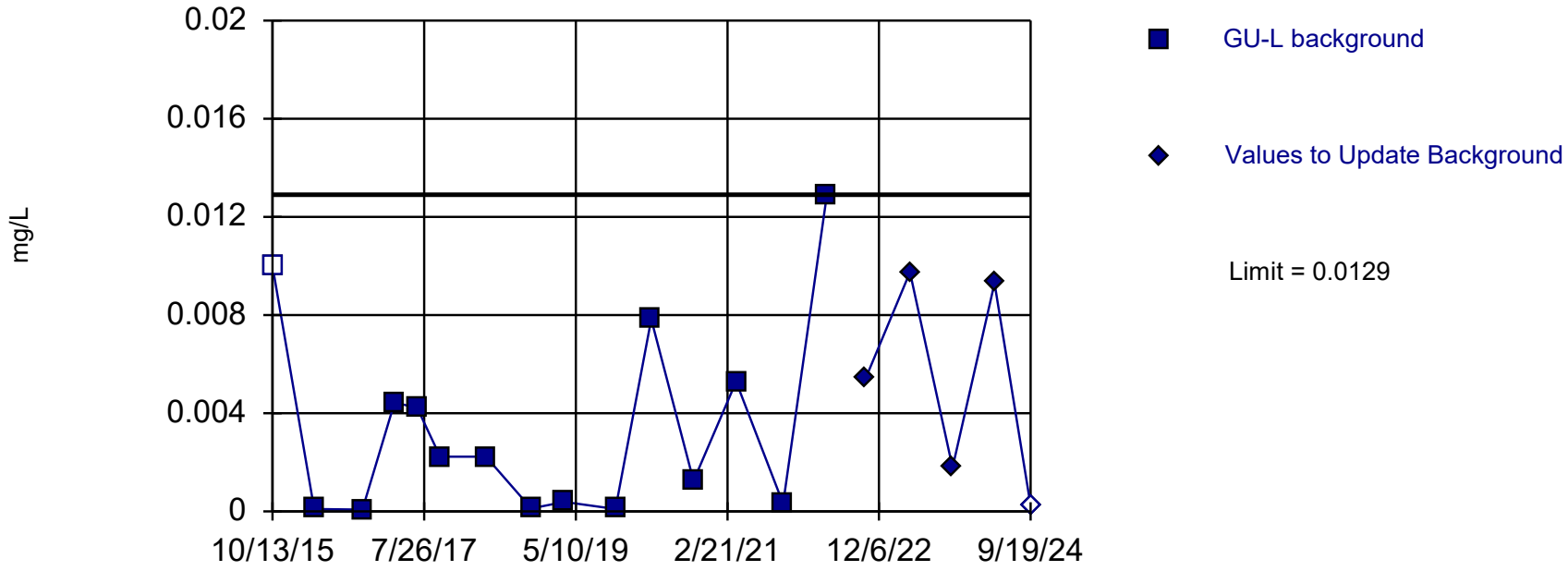
Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Updating Intrawell Background

Intrawell Non-parametric



Non-parametric test used after natural log transformation resulted in a parametric limit of 0.1624, which exceeds 10 times the highest background value (user-adjustable cutoff). Limit is highest of 15 background values. 6.667% NDs. Well-constituent pair annual alpha = 0.01501. Individual comparison alpha = 0.007533 (1 of 2).

Constituent: Cobalt Analysis Run 5/16/2025 4:56 PM

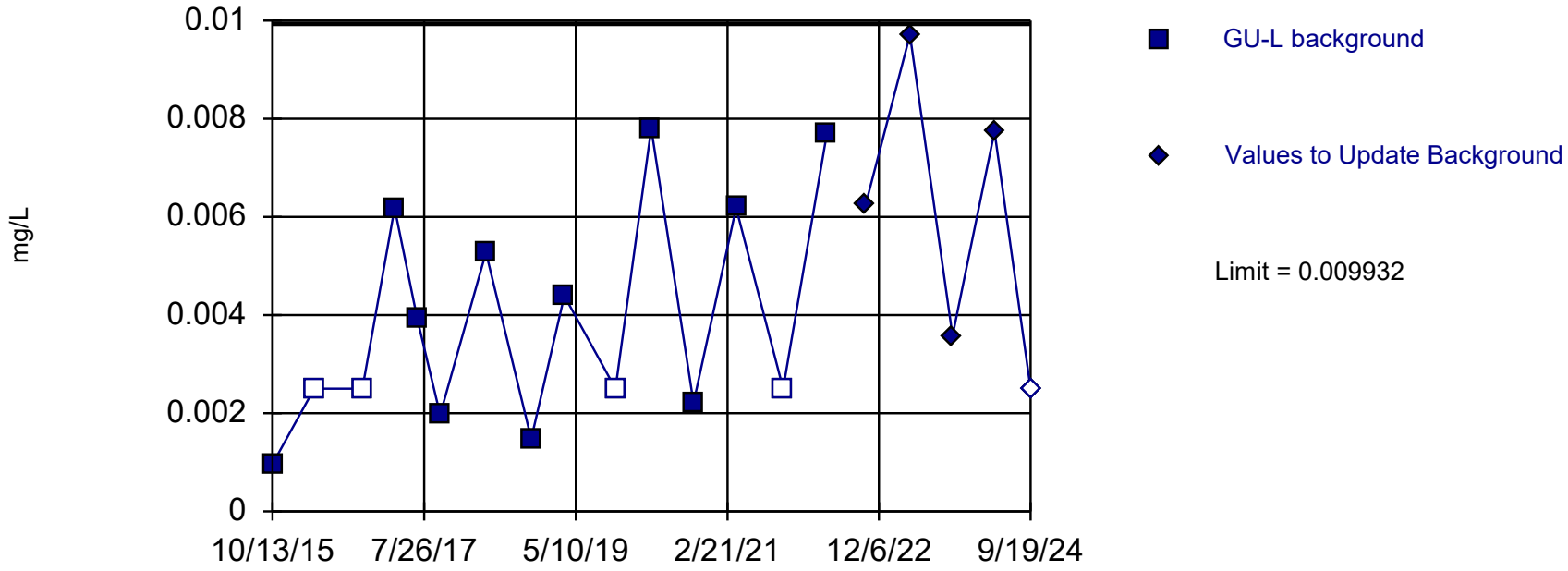
Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Updating Intrawell Background

Intrawell Parametric



Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.00387, Std. Dev.=0.002272, n=15, 26.67% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8951, critical = 0.835. Kappa = 2.668 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

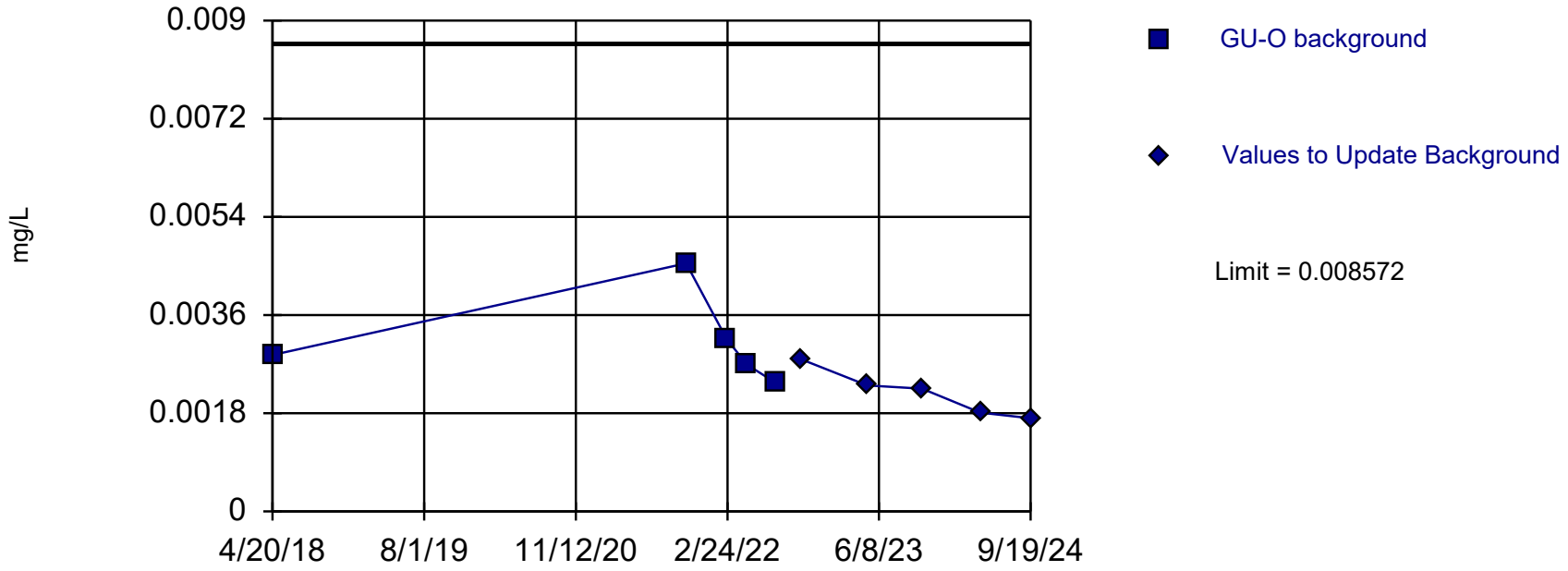
Constituent: Nickel Analysis Run 5/16/2025 4:56 PM

Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

Within Limit

Prediction Limit - Updating Intrawell Background

Intrawell Parametric



Background Data Summary: Mean=0.003124, Std. Dev.=0.0008495, n=5. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8599, critical = 0.686. Kappa = 6.413 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

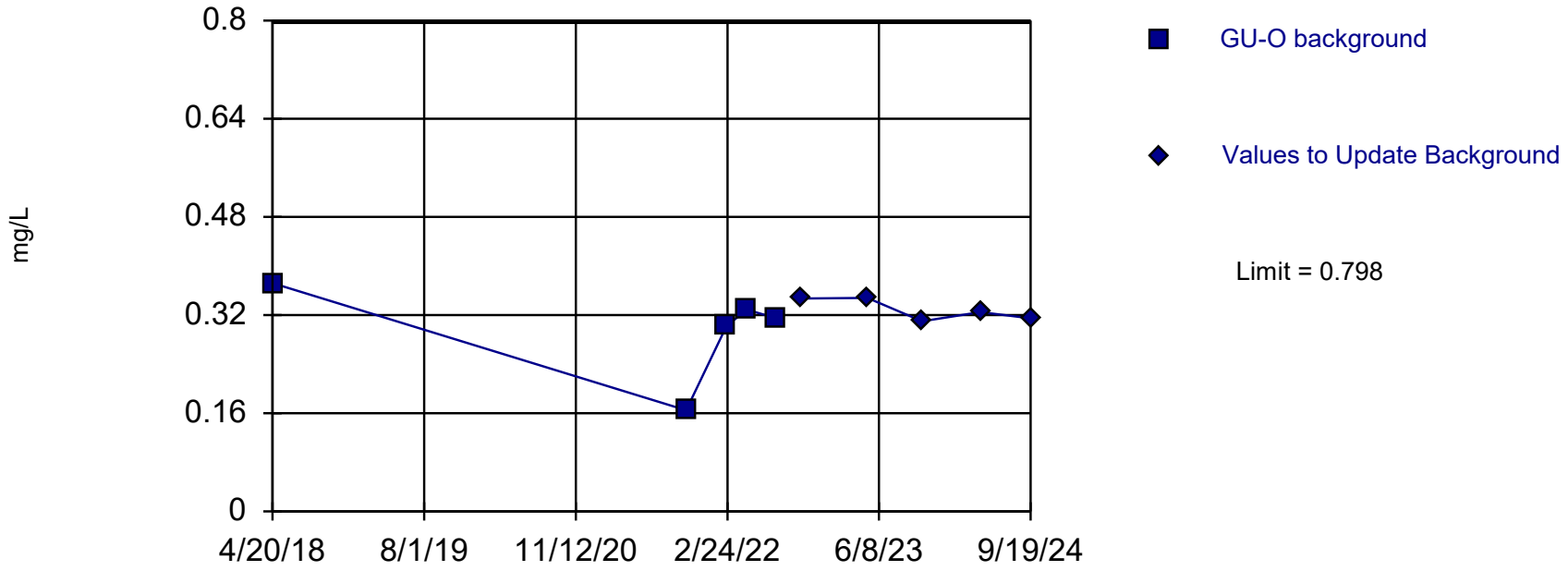
Constituent: Arsenic Analysis Run 5/16/2025 4:59 PM

Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

Within Limit

Prediction Limit - Updating Intrawell Background

Intrawell Parametric



Background Data Summary: Mean=0.2968, Std. Dev.=0.07815, n=5. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8469, critical = 0.686. Kappa = 6.413 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

Constituent: Barium Analysis Run 5/16/2025 4:59 PM

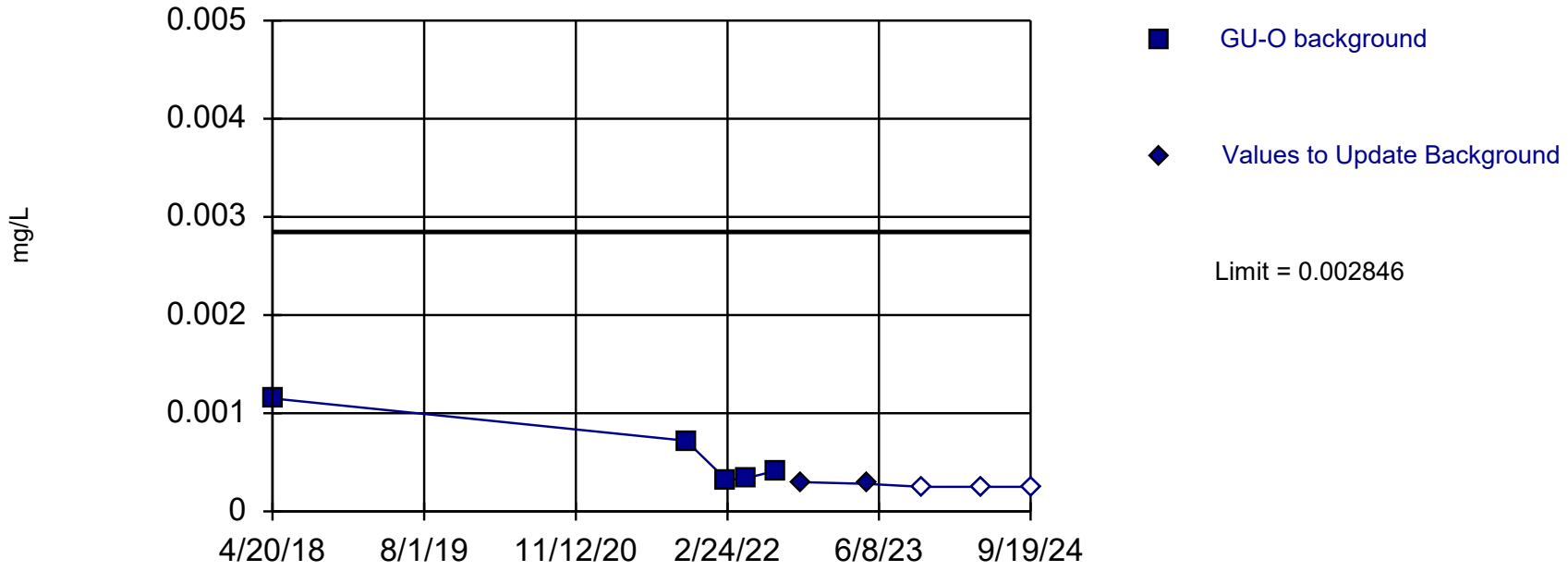
Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Updating Intrawell Background

Intrawell Parametric



Background Data Summary: Mean=0.0005896, Std. Dev.=0.0003518, n=5. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8345, critical = 0.686. Kappa = 6.413 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

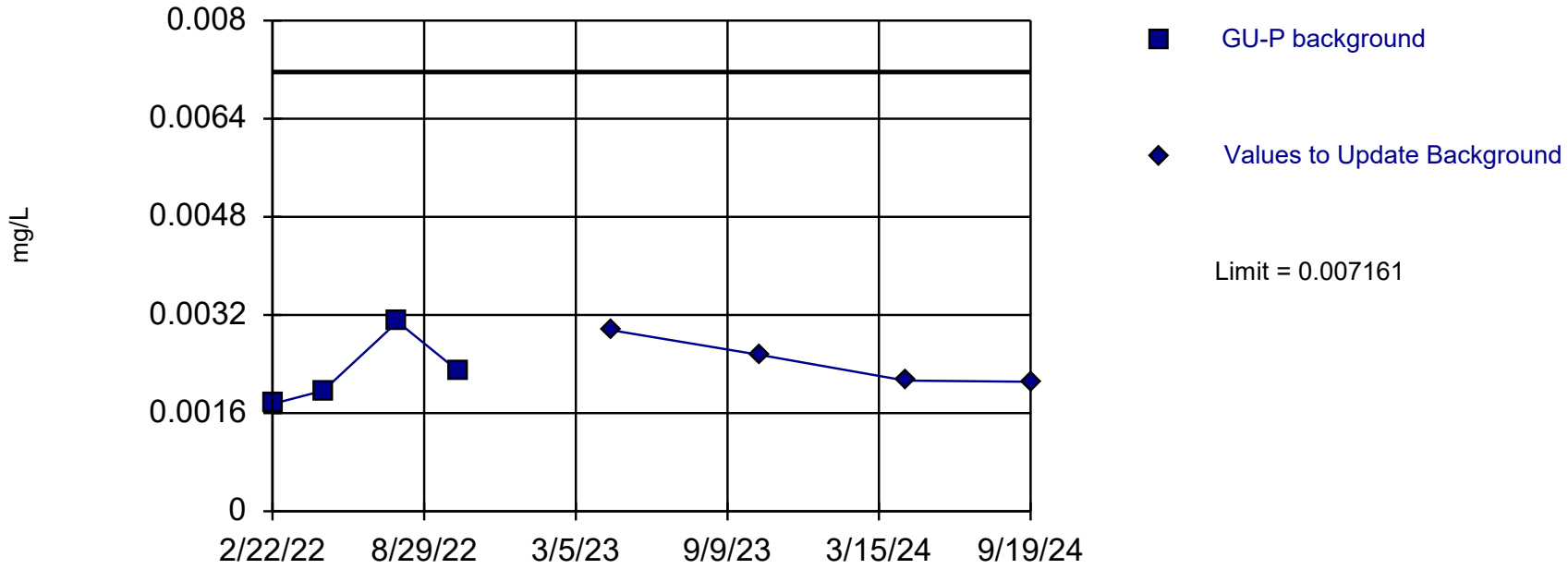
Constituent: Cobalt Analysis Run 5/16/2025 4:59 PM

Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

Within Limit

Prediction Limit - Updating Intrawell Background

Intrawell Parametric



Background Data Summary: Mean=0.002273, Std. Dev.=0.0005868, n=4. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9163, critical = 0.687. Kappa = 8.332 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

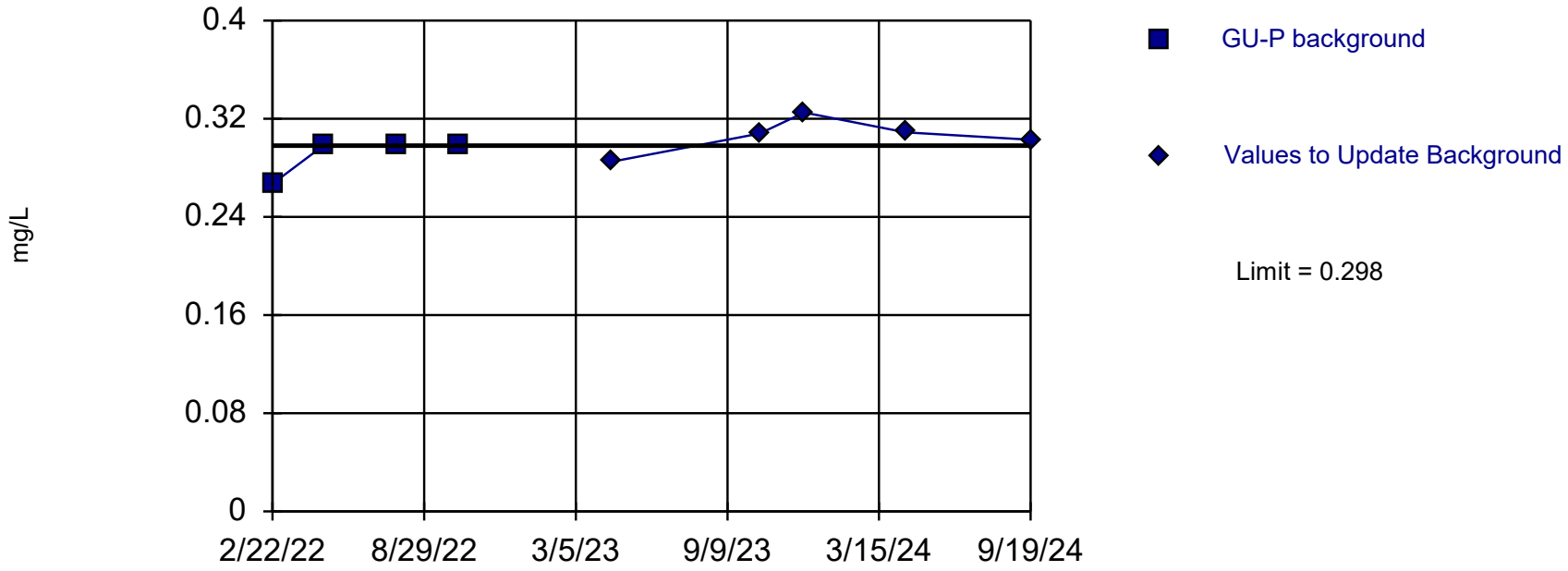
Constituent: Arsenic Analysis Run 5/16/2025 5:03 PM

Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

Exceeds Limit

Prediction Limit - Updating Intrawell Background

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 4 background values. Well-constituent pair annual alpha = 0.119. Individual comparison alpha = 0.06138 (1 of 2).

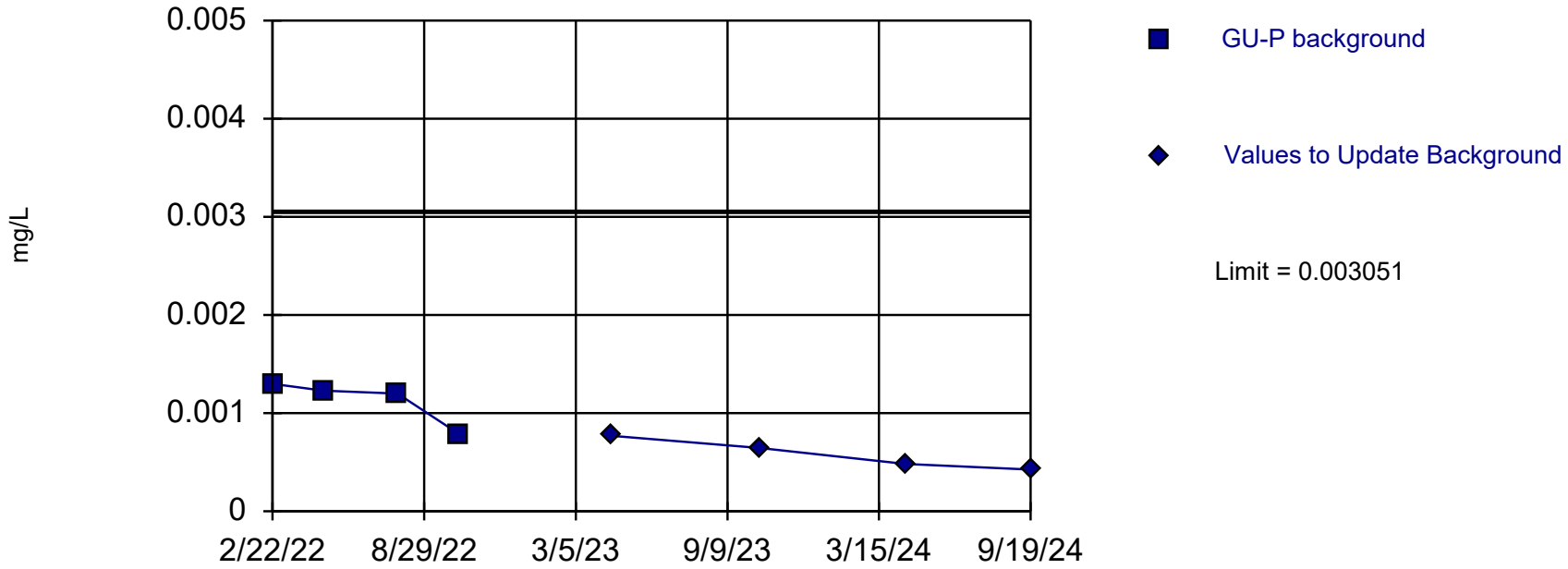
Constituent: Barium Analysis Run 5/16/2025 5:03 PM

Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

Within Limit

Prediction Limit - Updating Intrawell Background

Intrawell Parametric



Background Data Summary: Mean=0.00113, Std. Dev.=0.0002305, n=4. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7929, critical = 0.687. Kappa = 8.332 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

Constituent: Cobalt Analysis Run 5/16/2025 5:03 PM

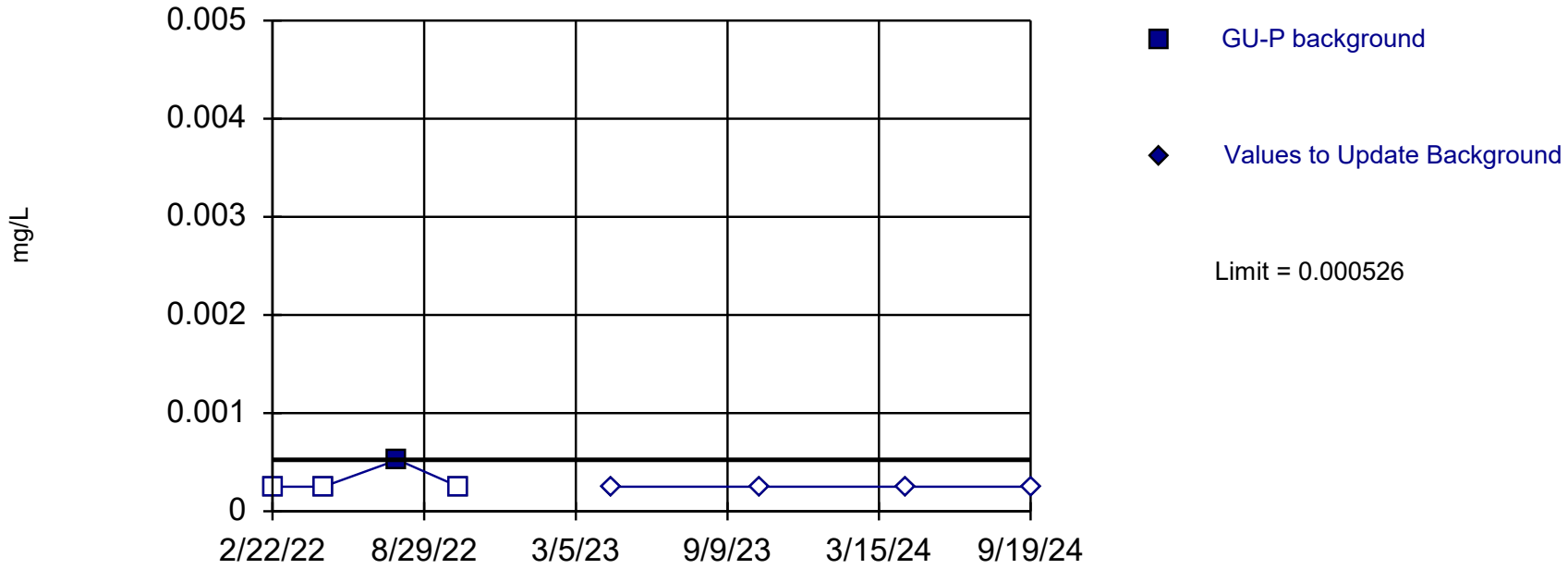
Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Updating Intrawell Background

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 4 background values. 75% NDs. Well-constituent pair annual alpha = 0.119. Individual comparison alpha = 0.06138 (1 of 2).

Constituent: Lead Analysis Run 5/16/2025 5:03 PM

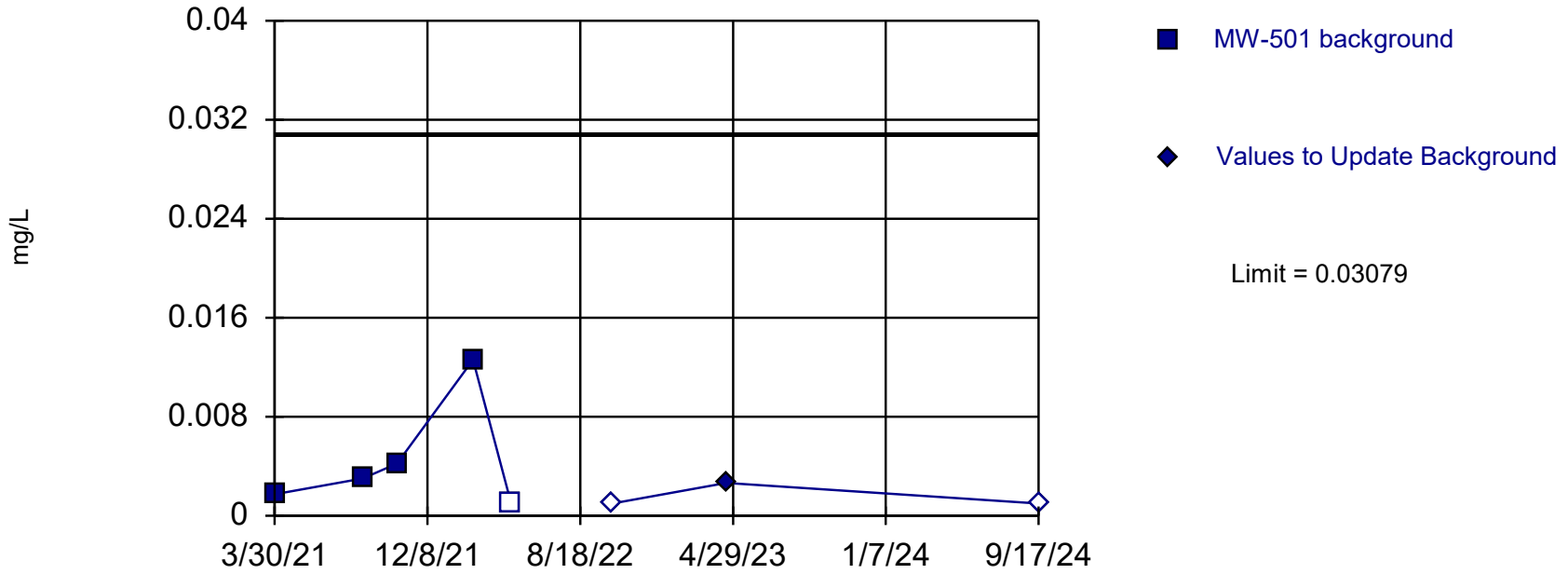
Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Updating Intrawell Background

Intrawell Parametric



Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.004666, Std. Dev.=0.004074, n=5, 20% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7871, critical = 0.686. Kappa = 6.413 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

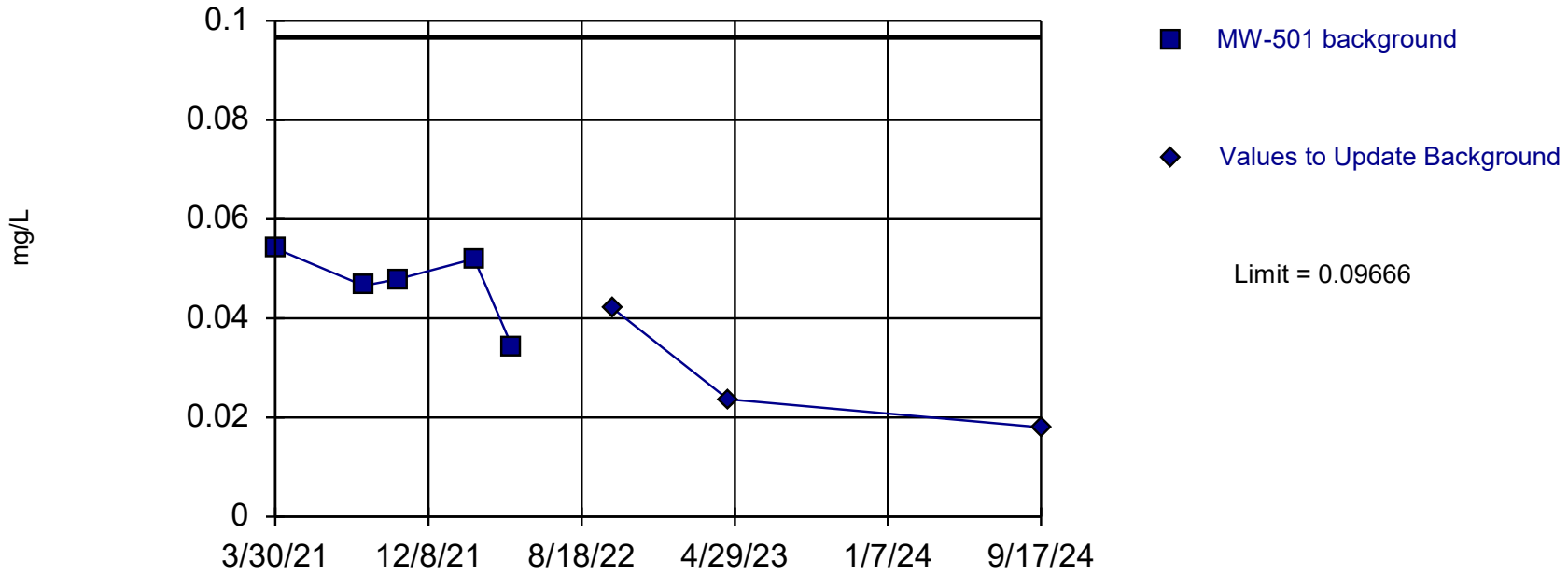
Constituent: Arsenic Analysis Run 5/16/2025 5:33 PM

Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

Within Limit

Prediction Limit - Updating Intrawell Background

Intrawell Parametric



Background Data Summary: Mean=0.04696, Std. Dev.=0.007749, n=5. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8787, critical = 0.686. Kappa = 6.413 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

Constituent: Barium Analysis Run 5/16/2025 5:33 PM

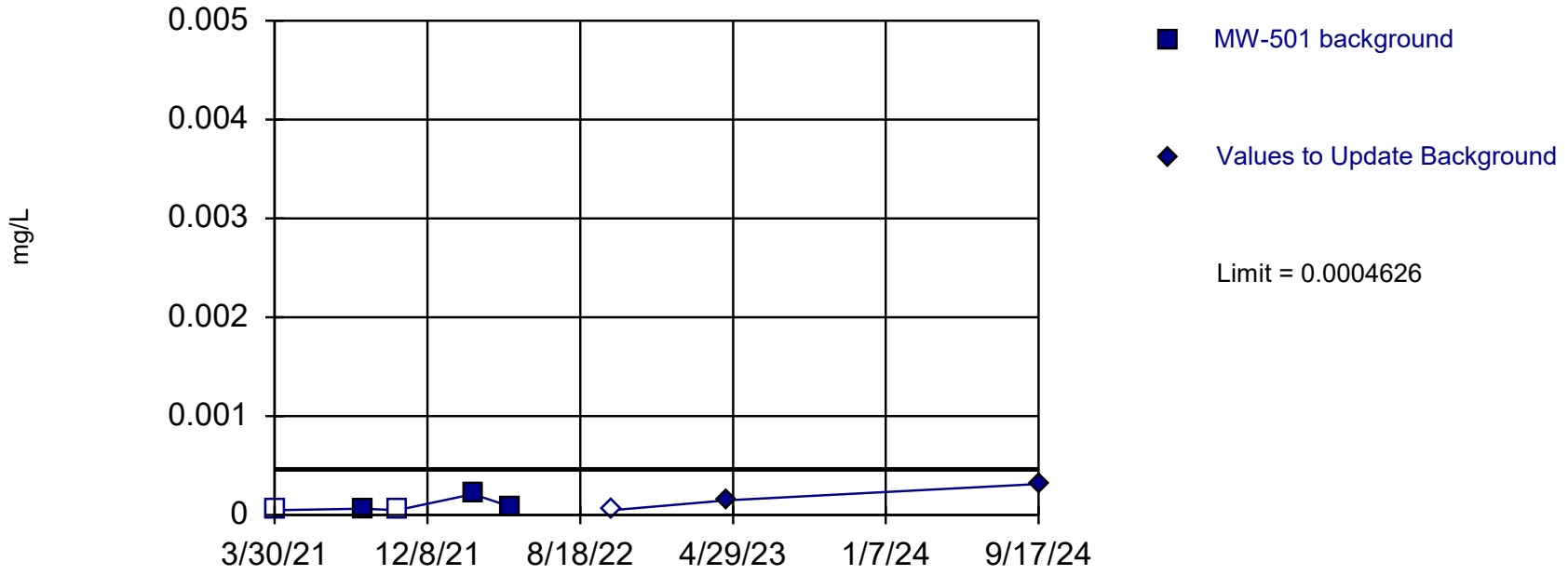
Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Updating Intrawell Background

Intrawell Parametric



Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.0001014, Std. Dev.=0.00005632, n=5, 40% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7089, critical = 0.686. Kappa = 6.413 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

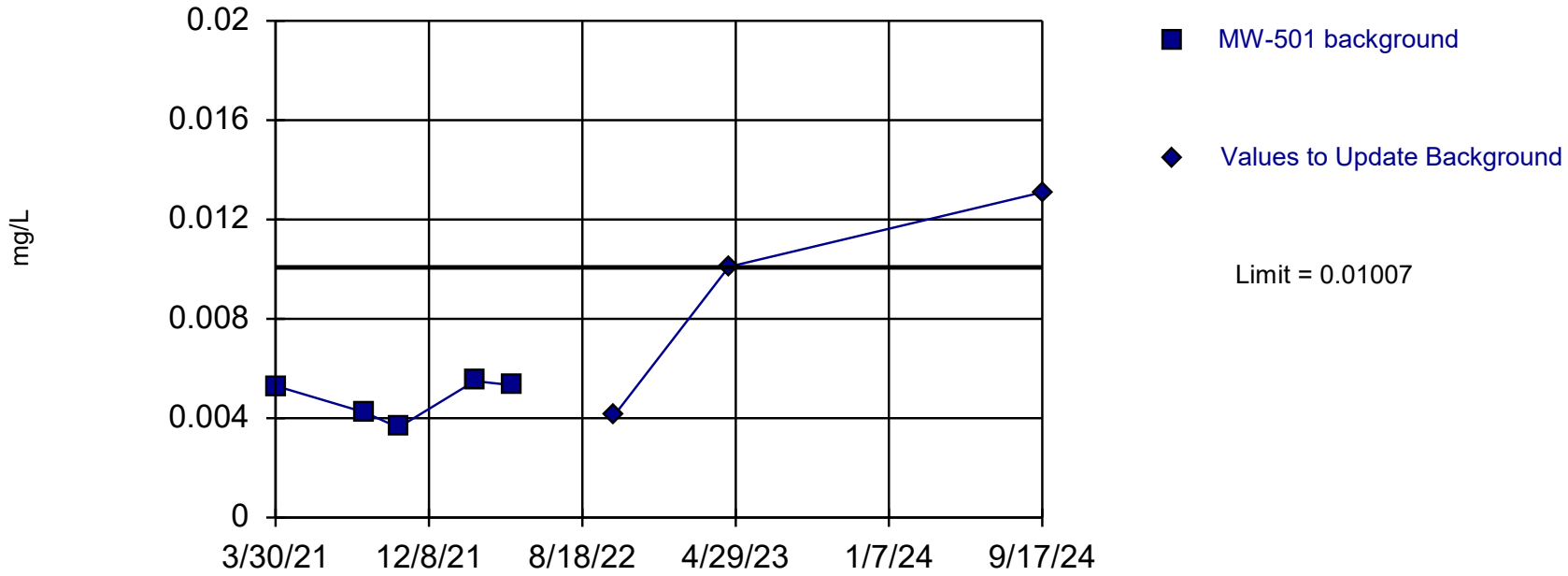
Constituent: Cadmium Analysis Run 5/16/2025 5:33 PM

Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

Exceeds Limit

Prediction Limit - Updating Intrawell Background

Intrawell Parametric



Background Data Summary: Mean=0.0048, Std. Dev.=0.0008221, n=5. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8388, critical = 0.686. Kappa = 6.413 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

Constituent: Cobalt Analysis Run 5/16/2025 5:33 PM

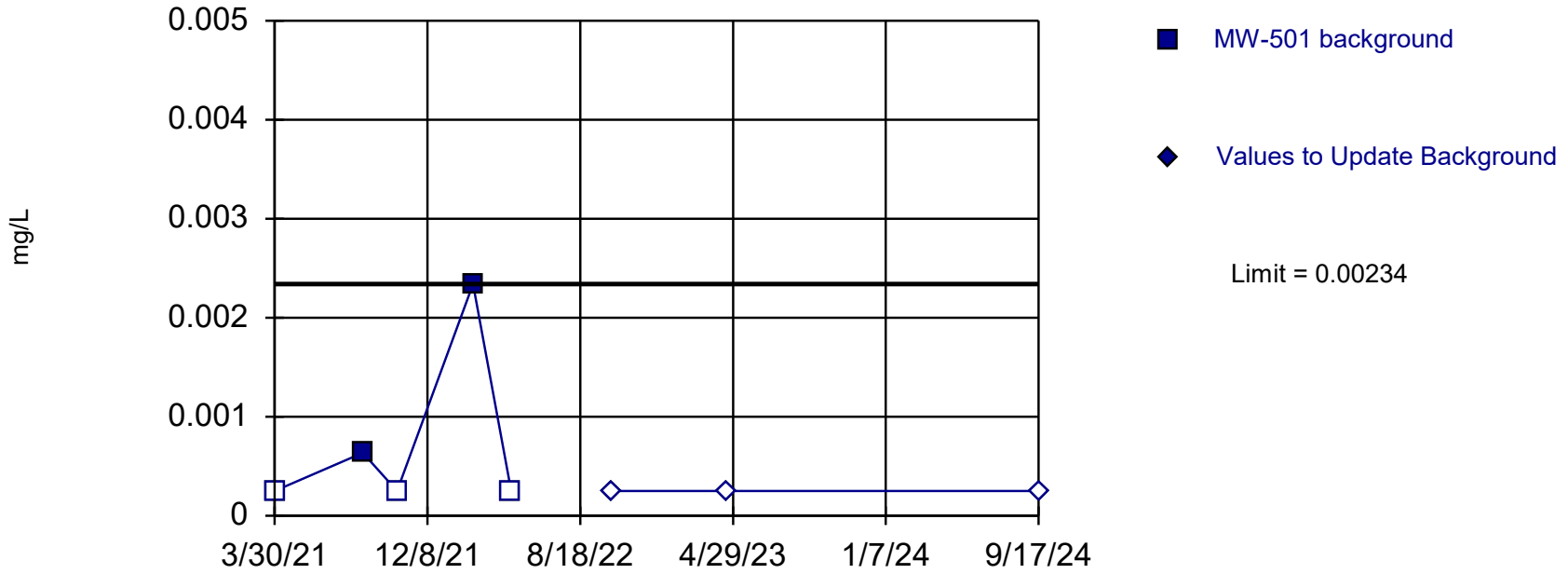
Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Updating Intrawell Background

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 5 background values. 60% NDs. Well-constituent pair annual alpha = 0.09284. Individual comparison alpha = 0.04755 (1 of 2).

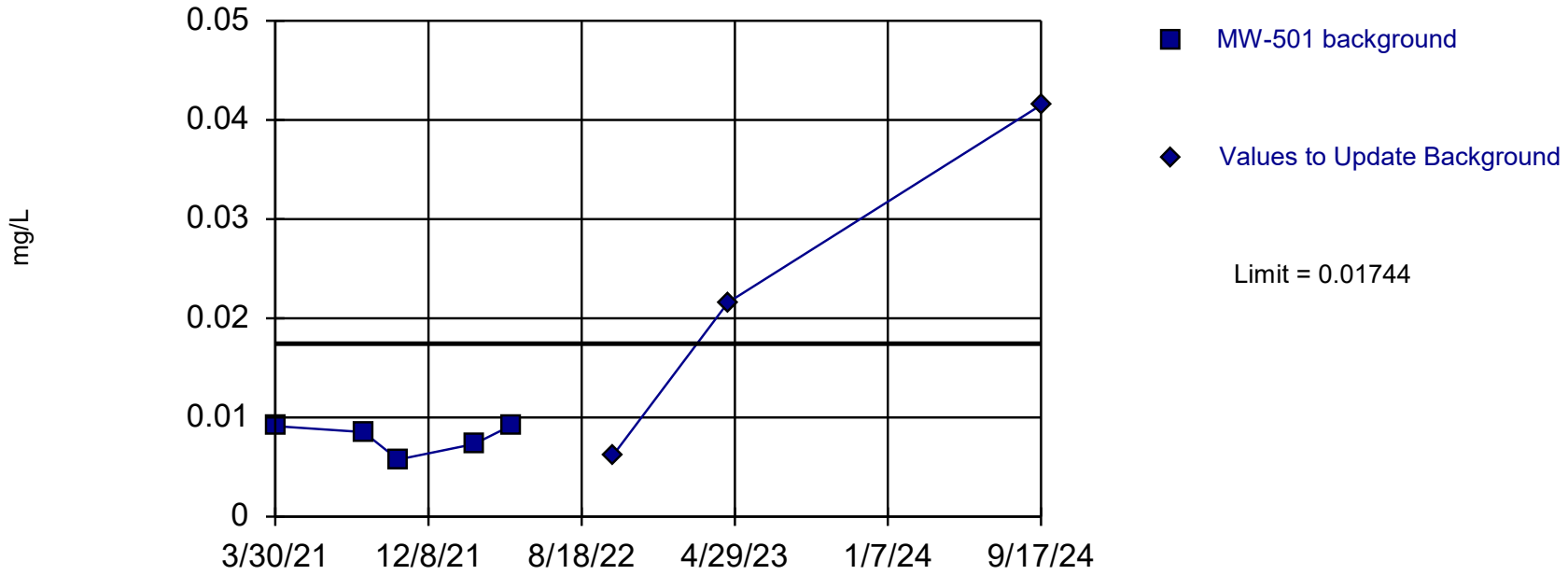
Constituent: Lead Analysis Run 5/16/2025 5:33 PM

Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

Exceeds Limit

Prediction Limit - Updating Intrawell Background

Intrawell Parametric



Background Data Summary: Mean=0.008006, Std. Dev.=0.001471, n=5. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8857, critical = 0.686. Kappa = 6.413 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

Constituent: Nickel Analysis Run 5/16/2025 5:33 PM

Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

Intrawell Prediction Limit

Constituent	Well	Upper Limit	Date	Observation	Exceed	Background N	Background Mean	Standard Deviation	% Non-detects	Non-detect Adjustment	Transformation	Alpha	Method
Groundwater Underdrain - GU-1													
Arsenic (mg/L)	GU-1	0.09105	3/20/2025	0.00278	No	23	-4.907	1.042	0	None	ln(x)	0.0004115	Param Intra 1 of 2
Barium (mg/L)	GU-1	1.443	3/20/2025	0.185	No	23	0.6782	0.3175	0	None	No	0.0004115	Param Intra 1 of 2
Cobalt (mg/L)	GU-1	0.0198	3/20/2025	0.00231	No	23	n/a	n/a	0	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Lead (mg/L)	GU-1	0.000943	3/20/2025	0.00025ND	No	20	n/a	n/a	80	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GU-1	0.06745	3/20/2025	0.0228	No	23	0.048	0.00807	0	None	No	0.0004115	Param Intra 1 of 2
Zinc (mg/L)	GU-1	0.02	3/20/2025	0.01ND	No	22	n/a	n/a	64	n/a	n/a	0.003707	NP Intra (NDs) 1 of 2
Groundwater Underdrain - GU-L													
Arsenic (mg/L)	GU-L	0.0069	3/20/2025	0.00178J	No	20	n/a	n/a	35	n/a	n/a	0.004291	NP Intra (normality) 1 of 2
Barium (mg/L)	GU-L	0.1037	3/20/2025	0.0345	No	19	0.04457	0.0236	0	None	No	0.0004115	Param Intra 1 of 2
Cobalt (mg/L)	GU-L	0.0129	3/20/2025	0.00619	No	20	n/a	n/a	10	n/a	n/a	0.004291	NP Intra (normality) 1 of 2
Nickel (mg/L)	GU-L	0.01066	3/20/2025	0.00773	No	20	0.004431	0.002521	25	Kaplan-Meier	No	0.0004115	Param Intra 1 of 2
Groundwater Underdrain - GU-O													
Arsenic (mg/L)	GU-O	0.005158	3/20/2025	0.00125J	No	10	0.002649	0.000809	0	None	No	0.0004115	Param Intra 1 of 2
Barium (mg/L)	GU-O	0.372	3/20/2025	0.305	No	10	n/a	n/a	0	n/a	n/a	0.01476	NP Intra (normality) 1 of 2
Cobalt (mg/L)	GU-O	0.001564	3/20/2025	0.00025ND	No	10	-7.817	0.4377	30	Kaplan-Meier	ln(x)	0.0004115	Param Intra 1 of 2
Groundwater Underdrain - GU-P													
Arsenic (mg/L)	GU-P	0.004019	3/20/2025	0.00181J	No	8	0.002354	0.000473	0	None	No	0.0004115	Param Intra 1 of 2
Barium (mg/L)	GU-P	0.3526	3/20/2025	0.298	No	9	0.299	0.01619	0	None	No	0.0004115	Param Intra 1 of 2
Cobalt (mg/L)	GU-P	0.002072	3/20/2025	0.000496J	No	8	0.0008556	0.000345	0	None	No	0.0004115	Param Intra 1 of 2
Lead (mg/L)	GU-P	0.000526	3/20/2025	0.00025ND	No	8	n/a	n/a	88	n/a	n/a	0.02144	NP Intra (NDs) 1 of 2
Detection Monitoring Location - MW-501													
Arsenic (mg/L)	MW-501	0.0126	3/26/2025	0.000722J	No	8	n/a	n/a	38	n/a	n/a	0.02144	NP Intra (normality) 1 of 2
Barium (mg/L)	MW-501	0.08662	3/26/2025	0.0191	No	8	0.0398	0.01328	0	None	No	0.0004115	Param Intra 1 of 2
Cadmium (mg/L)	MW-501	0.0004288	3/26/2025	0.000136J	No	8	0.0001303	8.47E-05	38	Kaplan-Meier	No	0.0004115	Param Intra 1 of 2
Cobalt (mg/L)	MW-501	0.01827	3/26/2025	0.0123	No	8	0.006415	0.003365	0	None	No	0.0004115	Param Intra 1 of 2
Lead (mg/L)	MW-501	0.00234	3/26/2025	0.00025ND	No	8	n/a	n/a	75	n/a	n/a	0.02144	NP Intra (NDs) 1 of 2
Nickel (mg/L)	MW-501	0.0415	3/26/2025	0.0238	No	8	n/a	n/a	0	n/a	n/a	0.02144	NP Intra (normality) 1 of 2

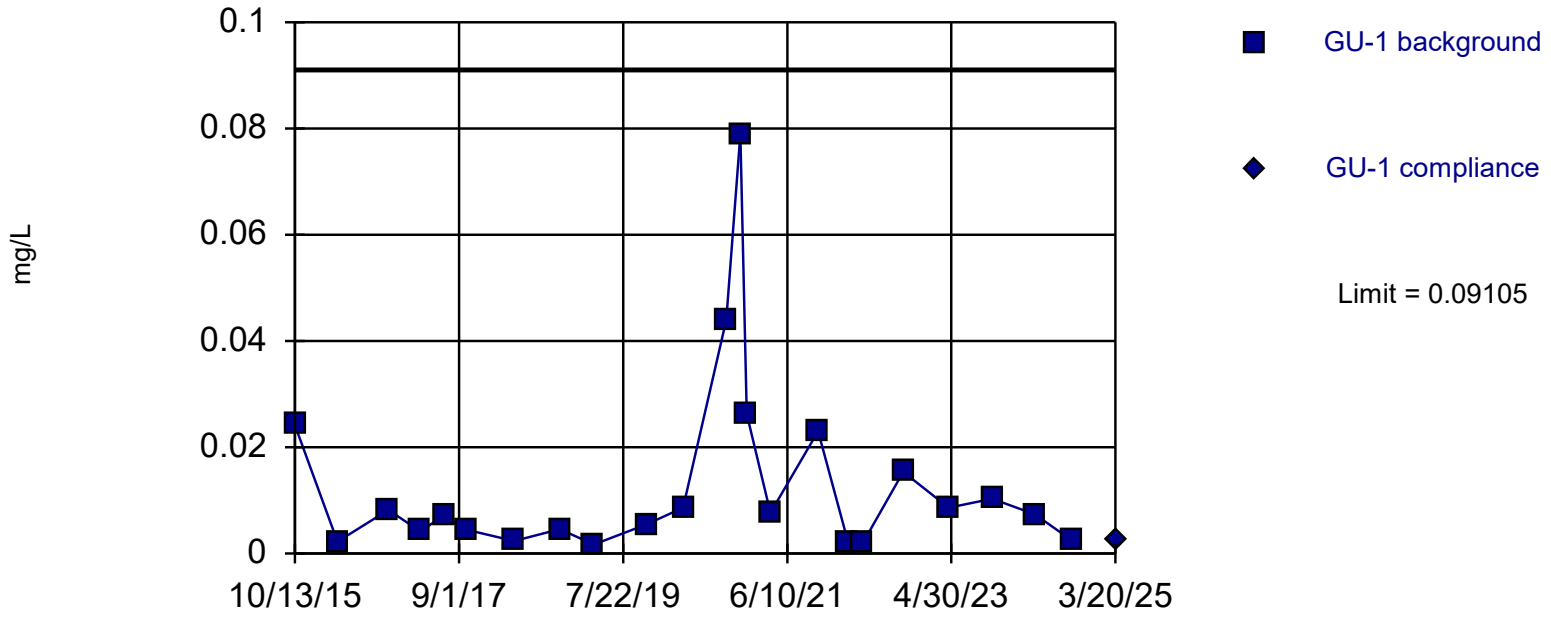
Notes:

- Intrawell background was updated in Spring 2025. Note that background data set adjustments were incorporated in accordance with Section 3 of the Spring 2025 Statistical Evaluation memo.
- Intrawell background for GU-1 and GU-L consists of the Oct. 2015 to Sep. 2024 data at these locations.
- Intrawell background for GU-O consists of the Apr. 2018 to Sep. 2024 data at this location.
- Intrawell background for GU-P consists of the Feb. 2022 to Sep. 2024 data at this location.
- Intrawell background for MW-501 consists of the Mar. 2021 to Apr. 2023 and Sep. 2024 data at this location.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on natural log transformation): Mean=-4.907, Std. Dev.=1.042, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9458, critical = 0.881. Kappa = 2.411 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

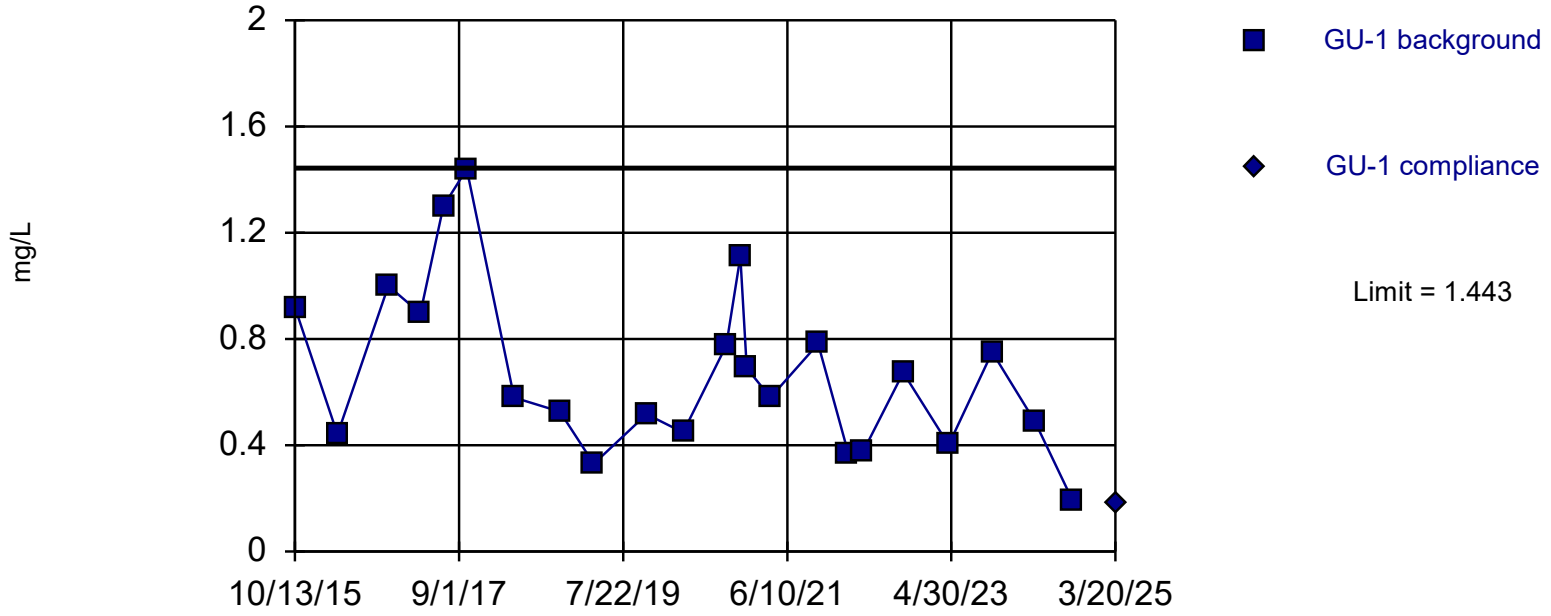
Constituent: Arsenic Analysis Run 5/17/2025 12:26 PM

Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.6782, Std. Dev.=0.3175, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9404, critical = 0.881. Kappa = 2.411 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

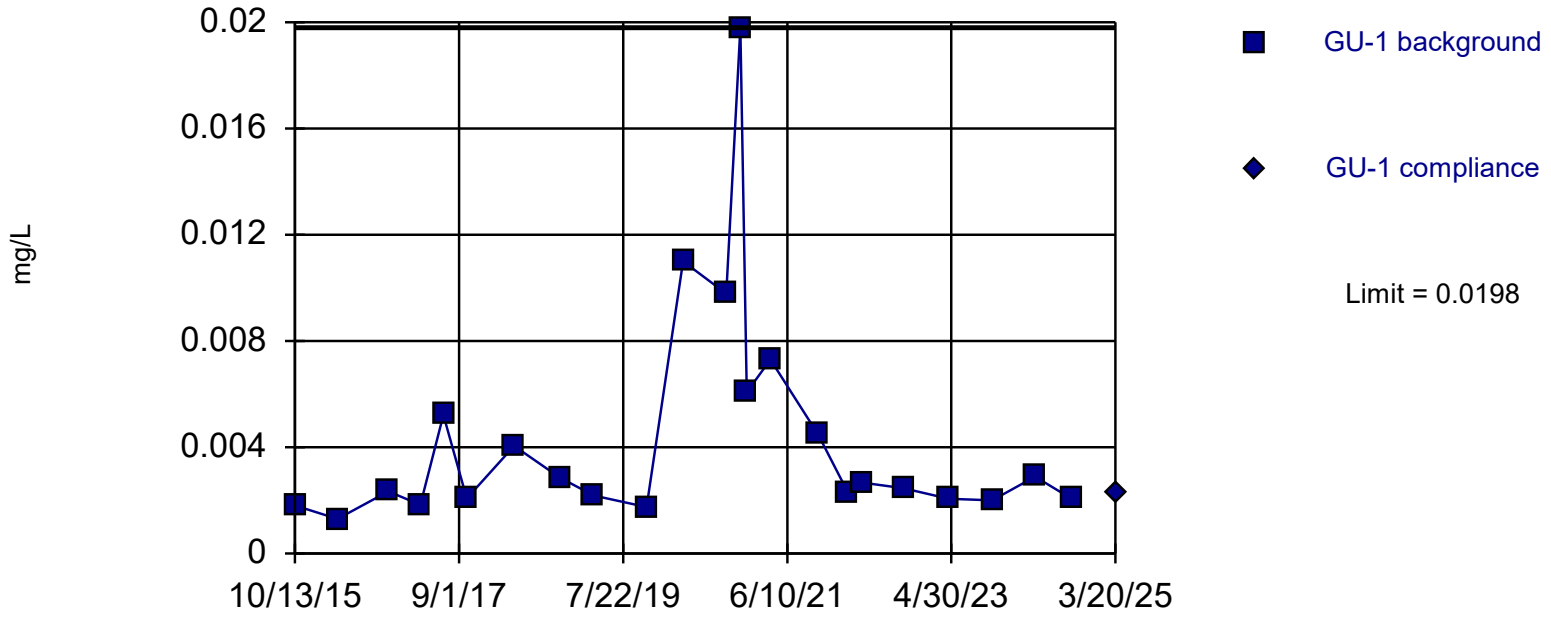
Constituent: Barium Analysis Run 5/17/2025 12:26 PM

Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 23 background values. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Cobalt Analysis Run 5/17/2025 12:26 PM

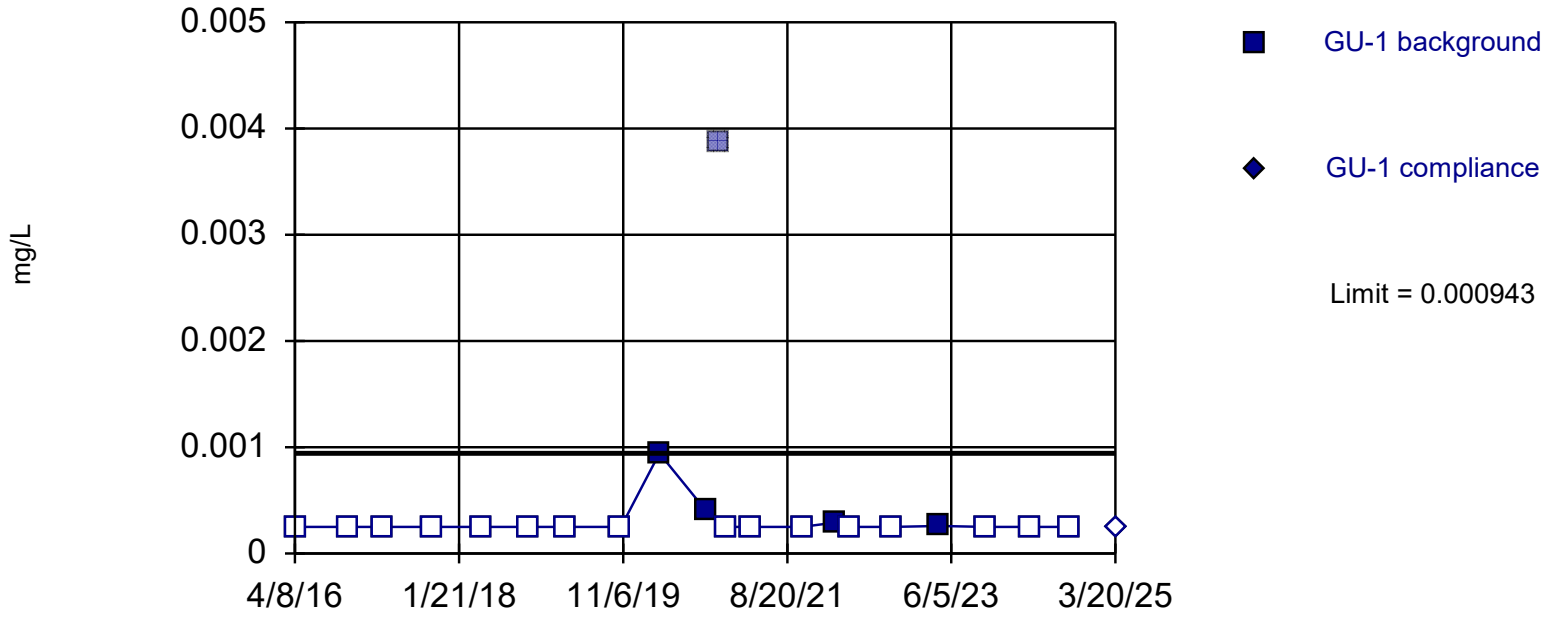
Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 80% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

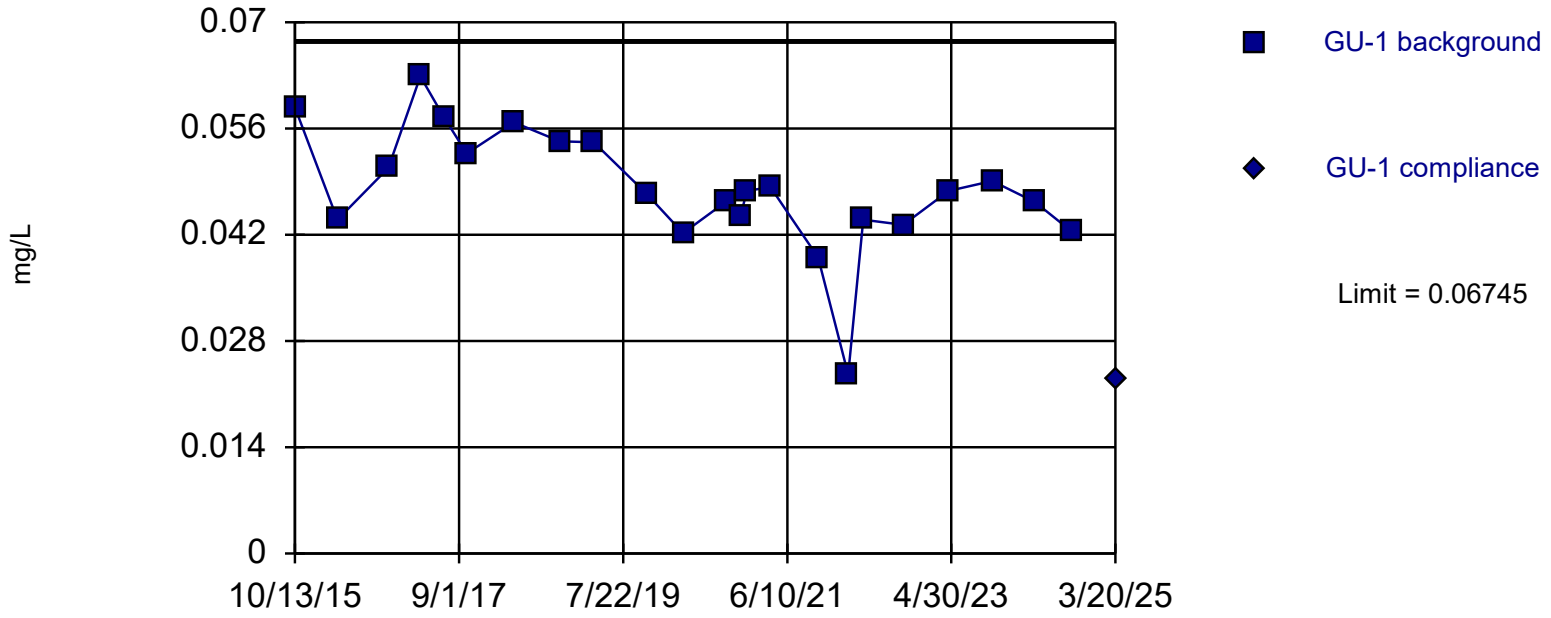
Constituent: Lead Analysis Run 5/17/2025 12:27 PM

Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.048, Std. Dev.=0.00807, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9294, critical = 0.881. Kappa = 2.411 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

Constituent: Nickel Analysis Run 5/17/2025 12:27 PM

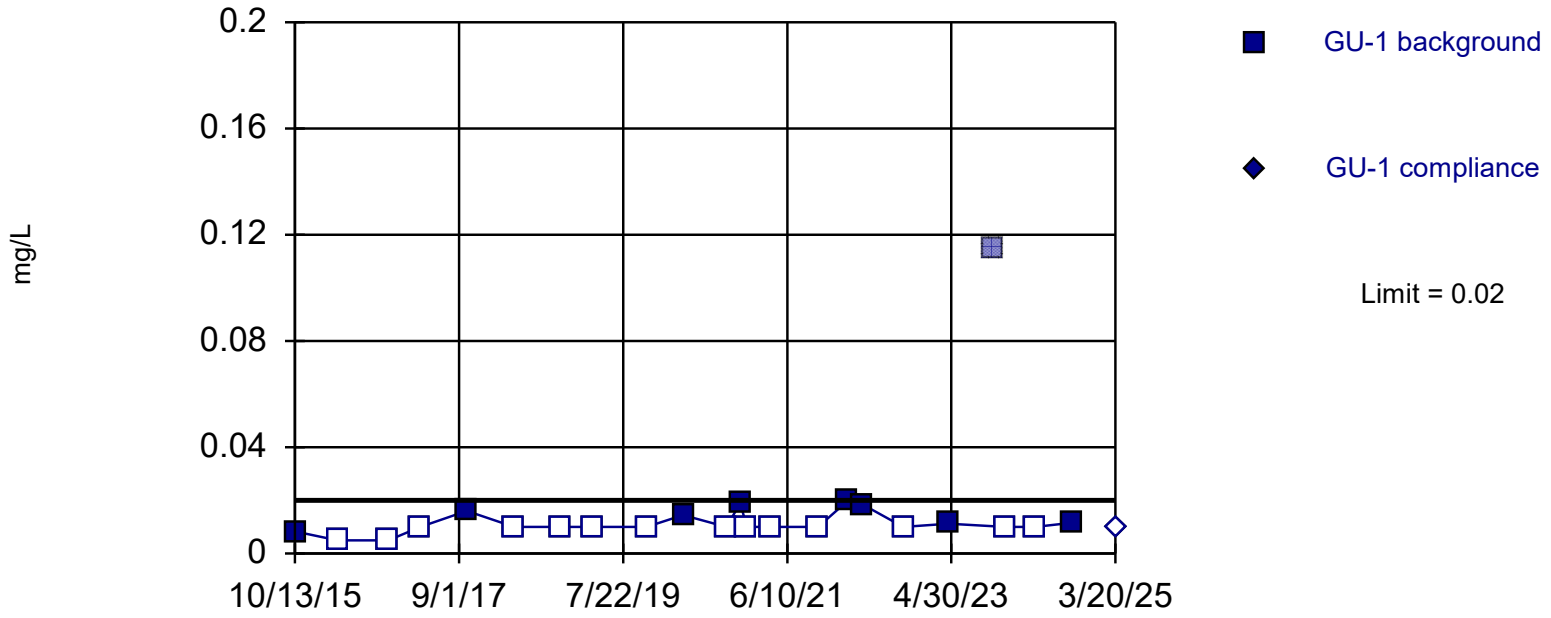
Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 63.64% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Zinc Analysis Run 5/17/2025 12:27 PM

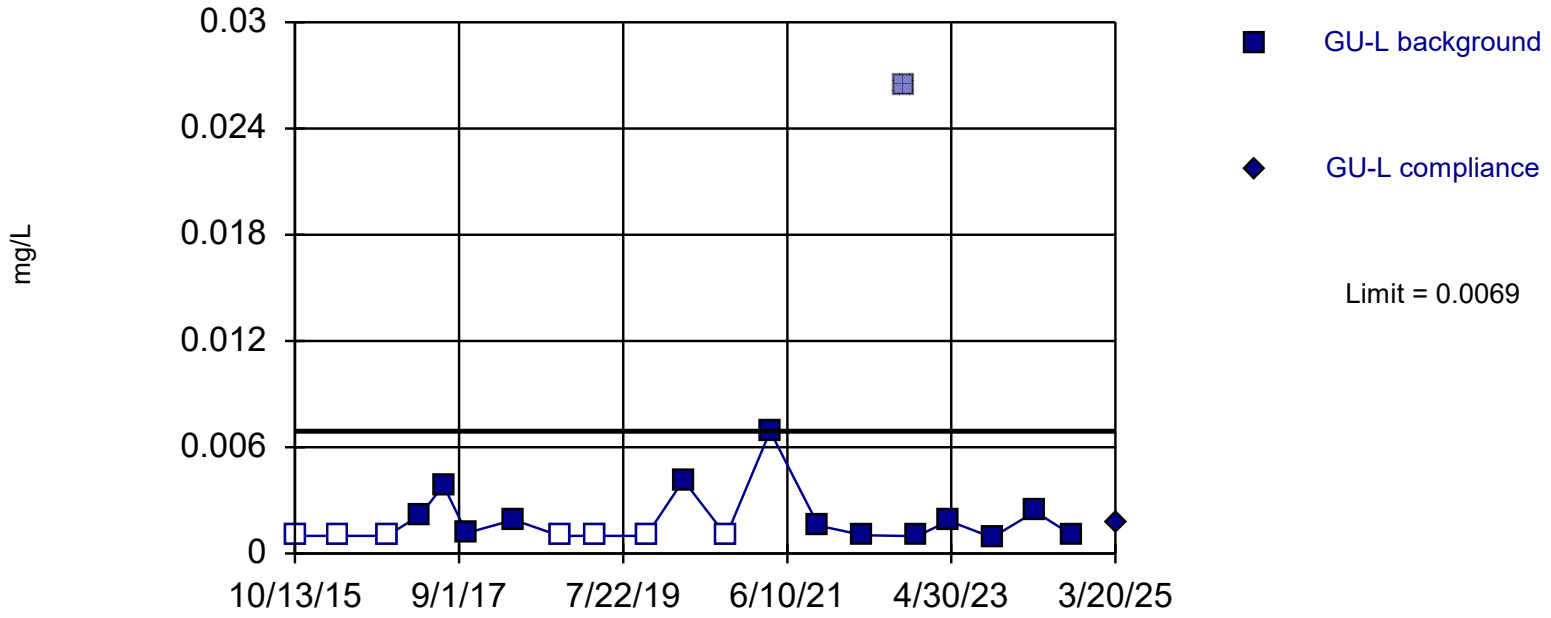
Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 20 background values. 35% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

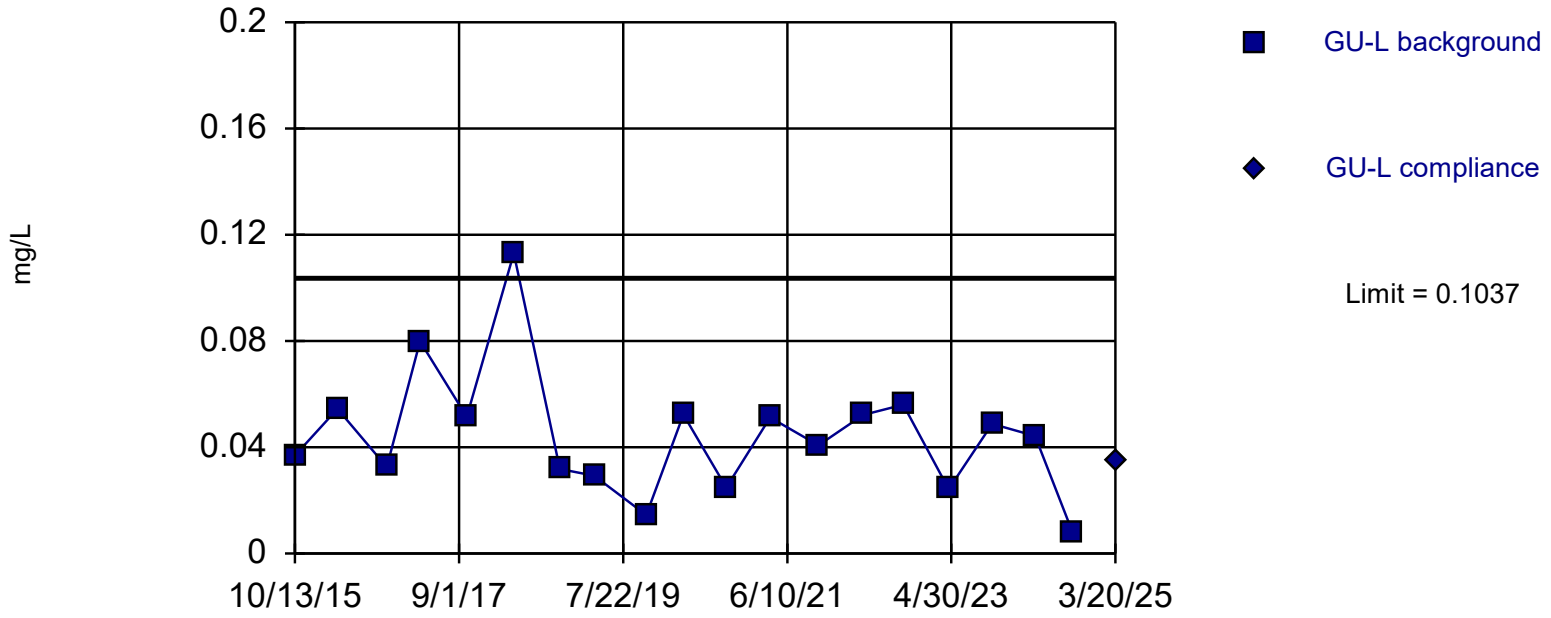
Constituent: Arsenic Analysis Run 5/17/2025 12:36 PM

Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.04457, Std. Dev.=0.0236, n=19. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8999, critical = 0.863. Kappa = 2.505 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

Constituent: Barium Analysis Run 5/17/2025 12:36 PM

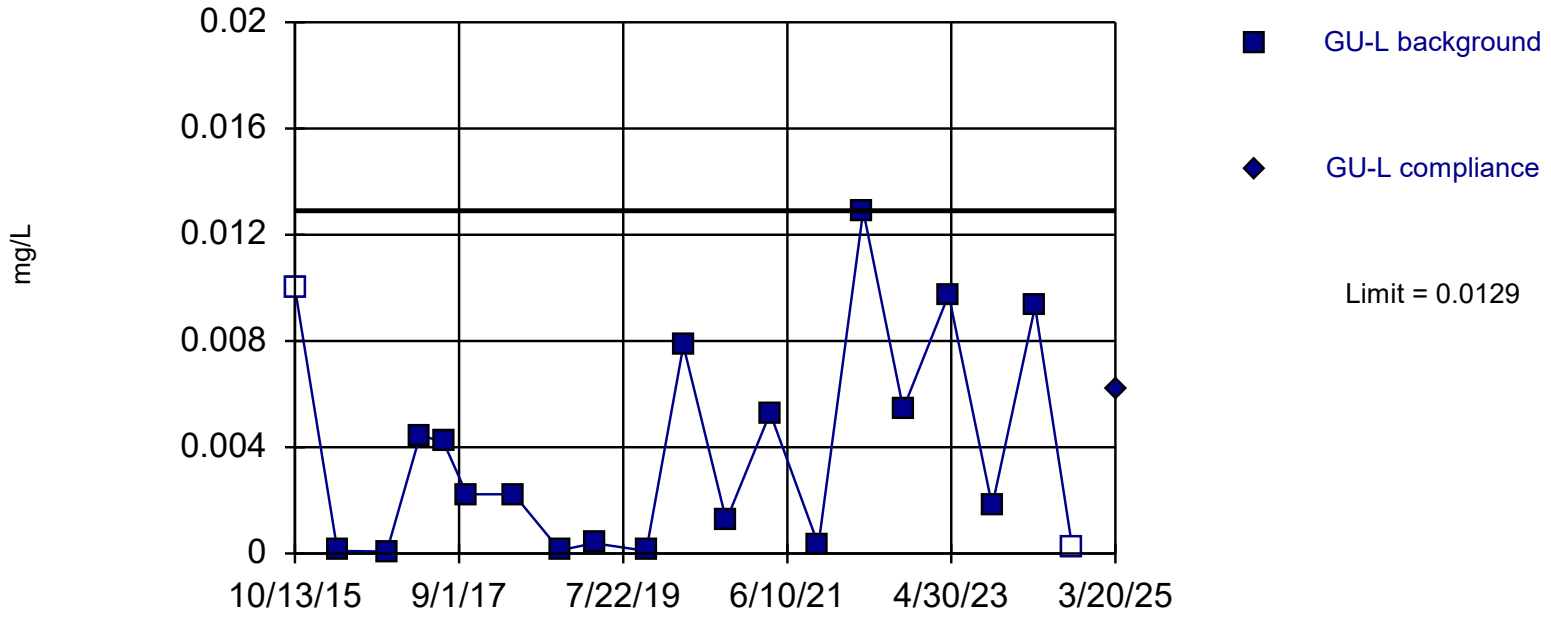
Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 20 background values. 10% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Cobalt Analysis Run 5/17/2025 12:38 PM

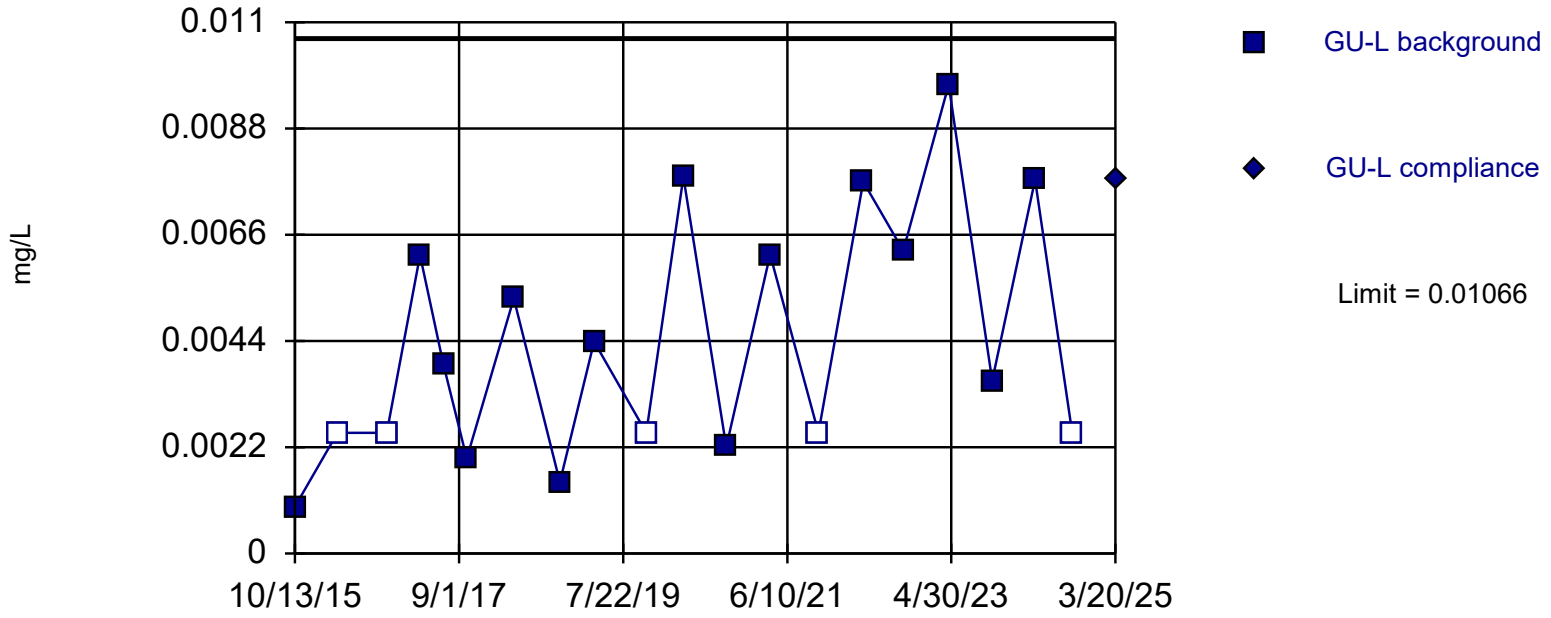
Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.004431, Std. Dev.=0.002521, n=20, 25% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9137, critical = 0.868. Kappa = 2.472 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

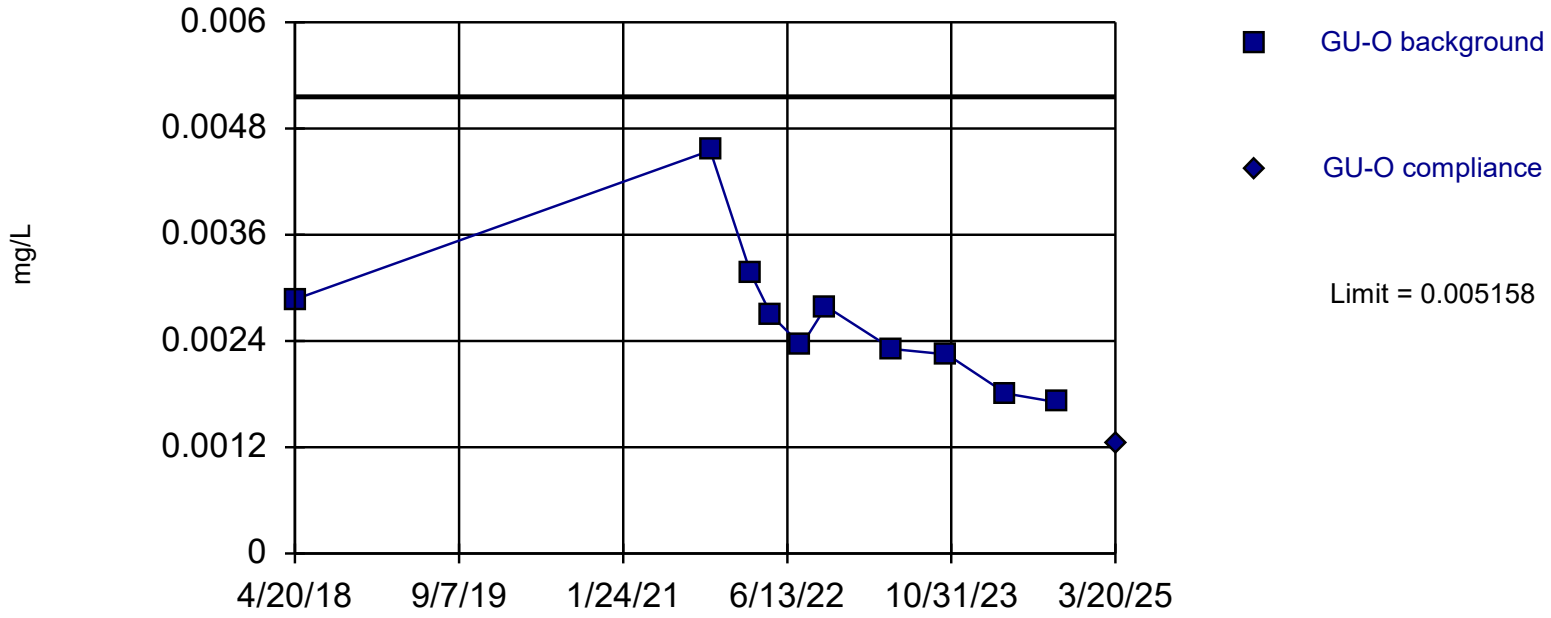
Constituent: Nickel Analysis Run 5/17/2025 12:36 PM

Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.002649, Std. Dev.=0.0008093, n=10. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8813, critical = 0.781. Kappa = 3.1 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

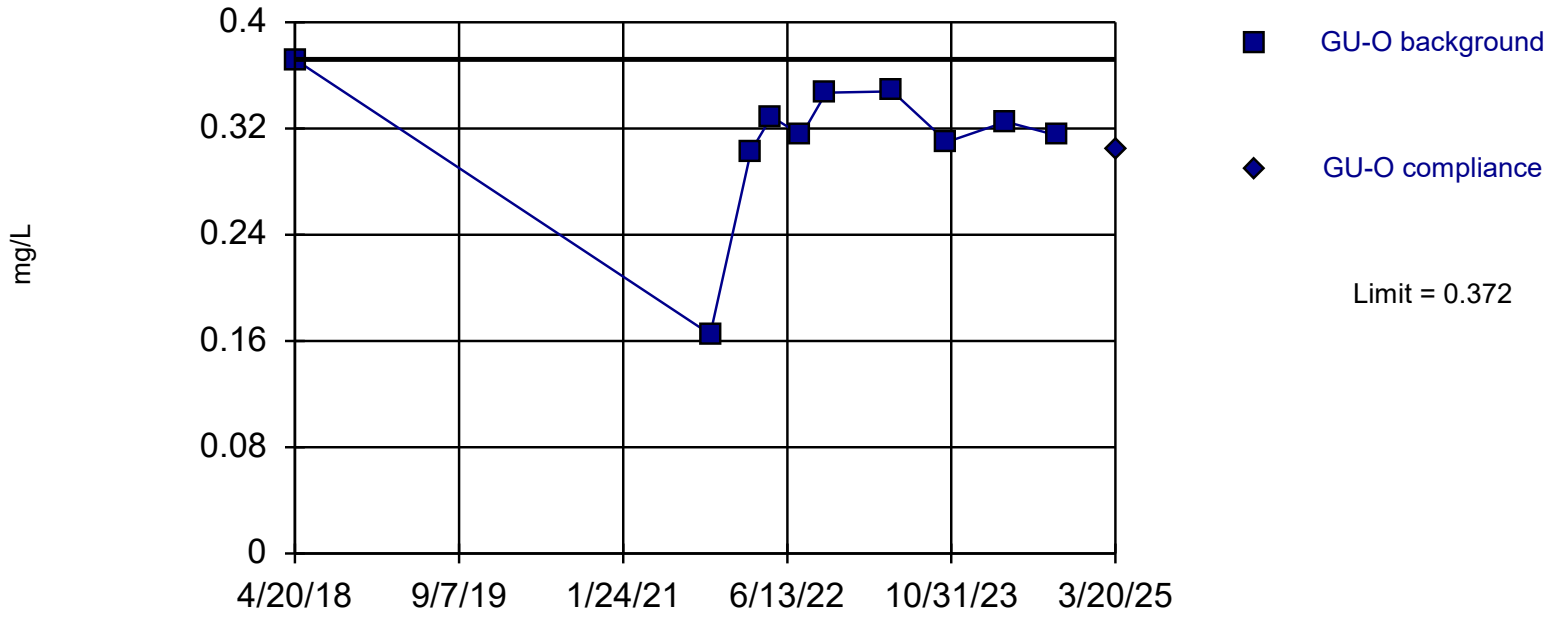
Constituent: Arsenic Analysis Run 5/17/2025 12:44 PM

Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 10 background values. Well-constituent pair annual alpha = 0.0293. Individual comparison alpha = 0.01476 (1 of 2).

Constituent: Barium Analysis Run 5/17/2025 12:44 PM

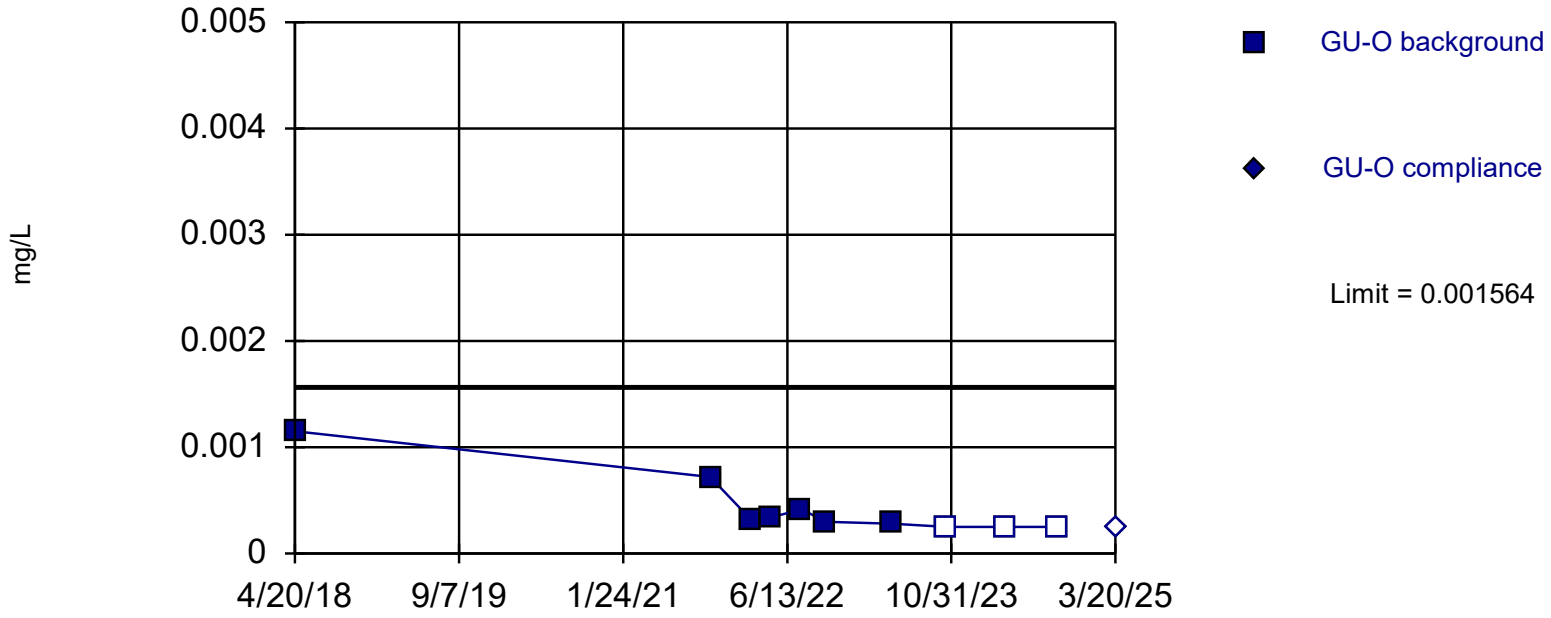
Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on natural log transformation) (after Kaplan-Meier Adjustment): Mean=-7.817, Std. Dev.=0.4377, n=10, 30% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7858, critical = 0.781. Kappa = 3.1 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

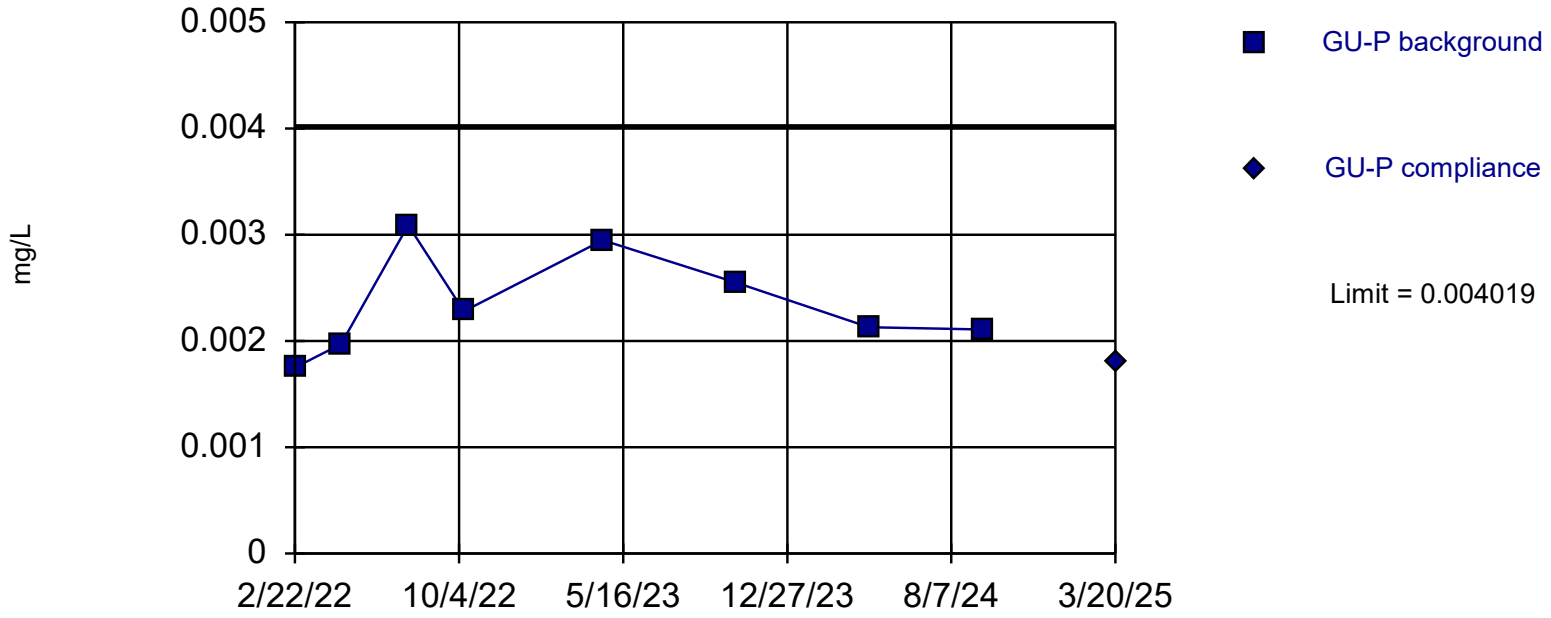
Constituent: Cobalt Analysis Run 5/17/2025 12:44 PM

Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.002354, Std. Dev.=0.0004725, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9309, critical = 0.749. Kappa = 3.524 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

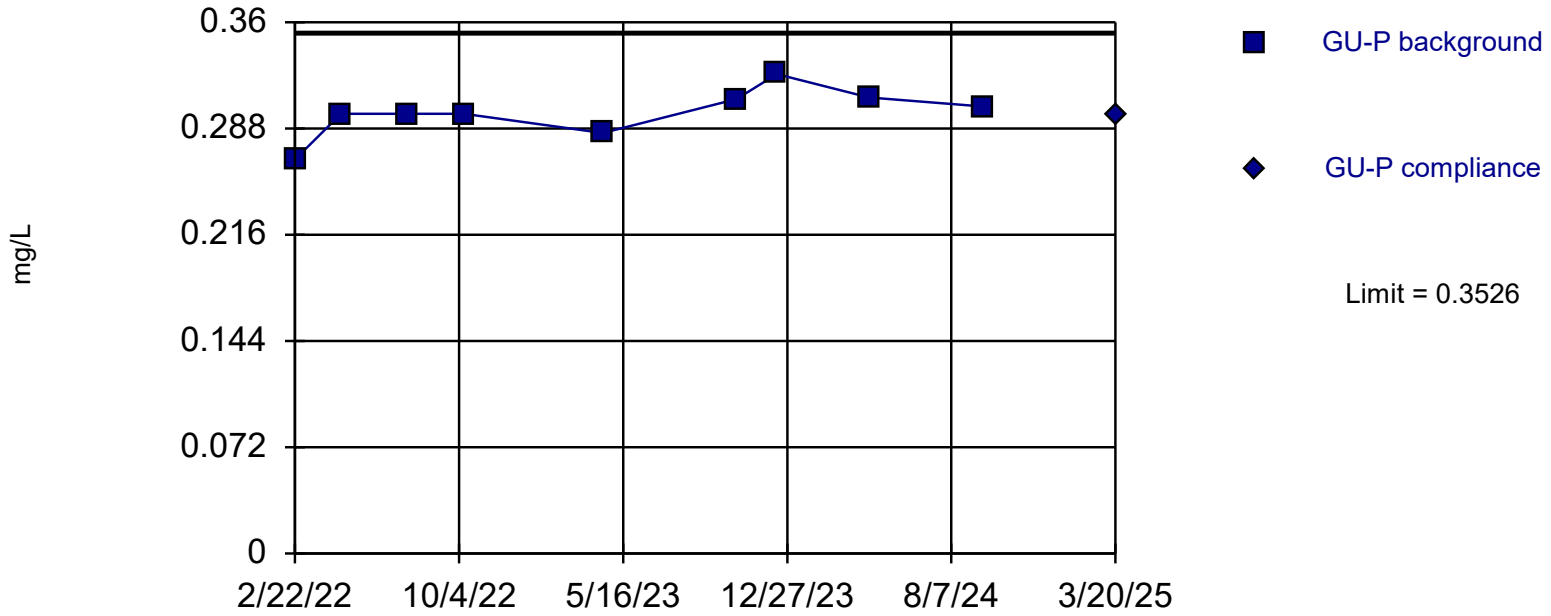
Constituent: Arsenic Analysis Run 5/17/2025 12:46 PM

Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.299, Std. Dev.=0.01619, n=9. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9399, critical = 0.764. Kappa = 3.312 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

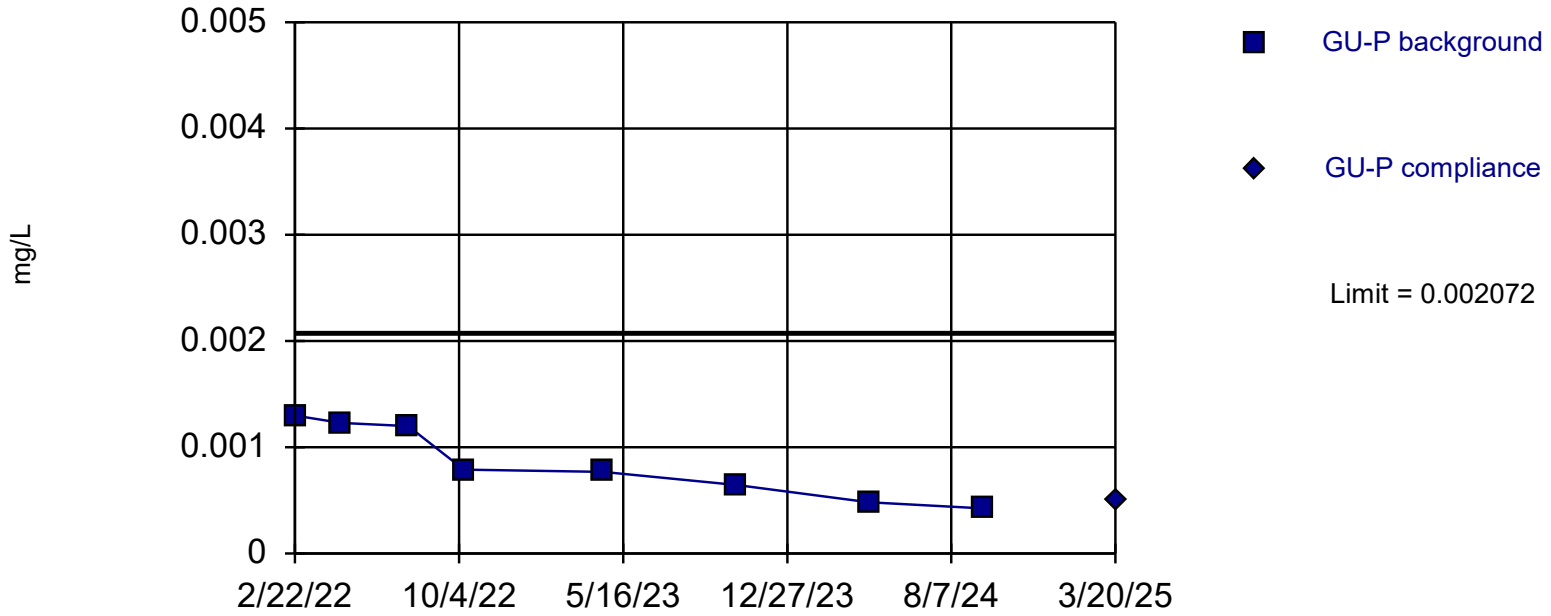
Constituent: Barium Analysis Run 5/17/2025 12:46 PM

Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.0008556, Std. Dev.=0.0003452, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8913, critical = 0.749. Kappa = 3.524 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

Constituent: Cobalt Analysis Run 5/17/2025 12:46 PM

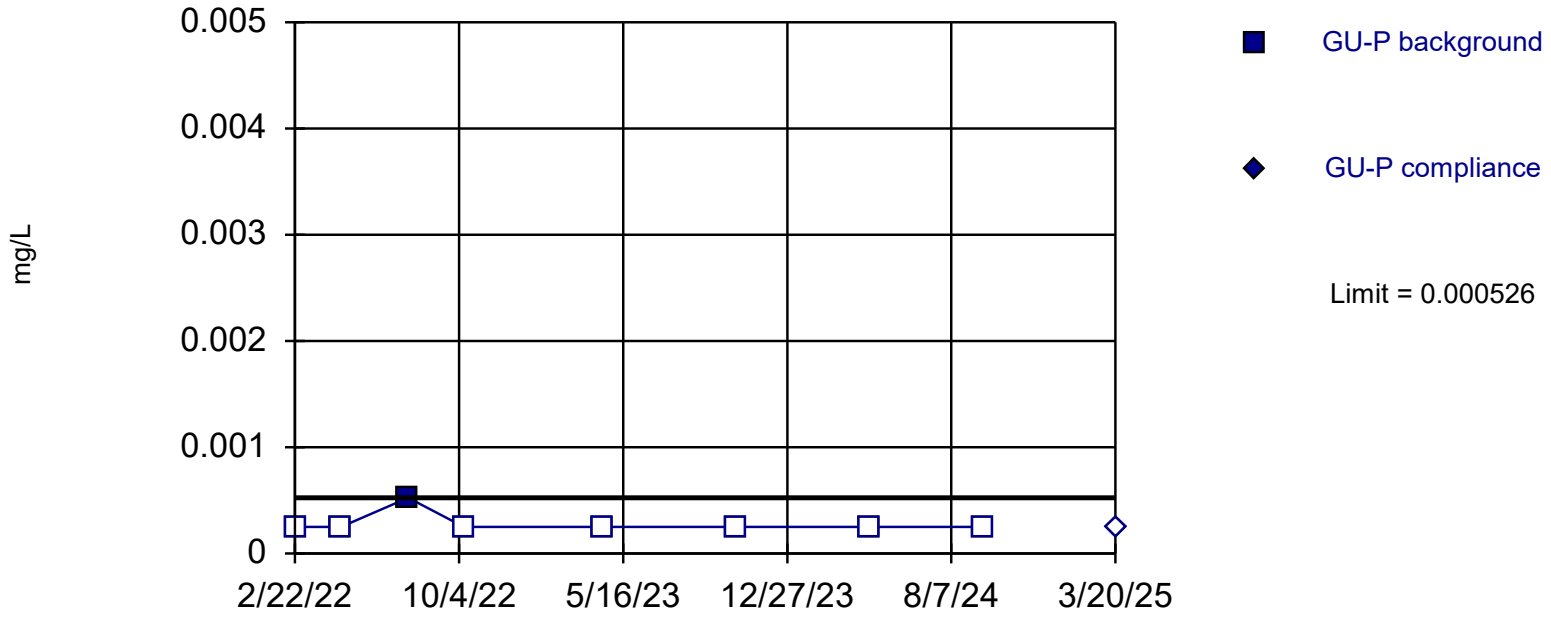
Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Lead Analysis Run 5/17/2025 12:46 PM

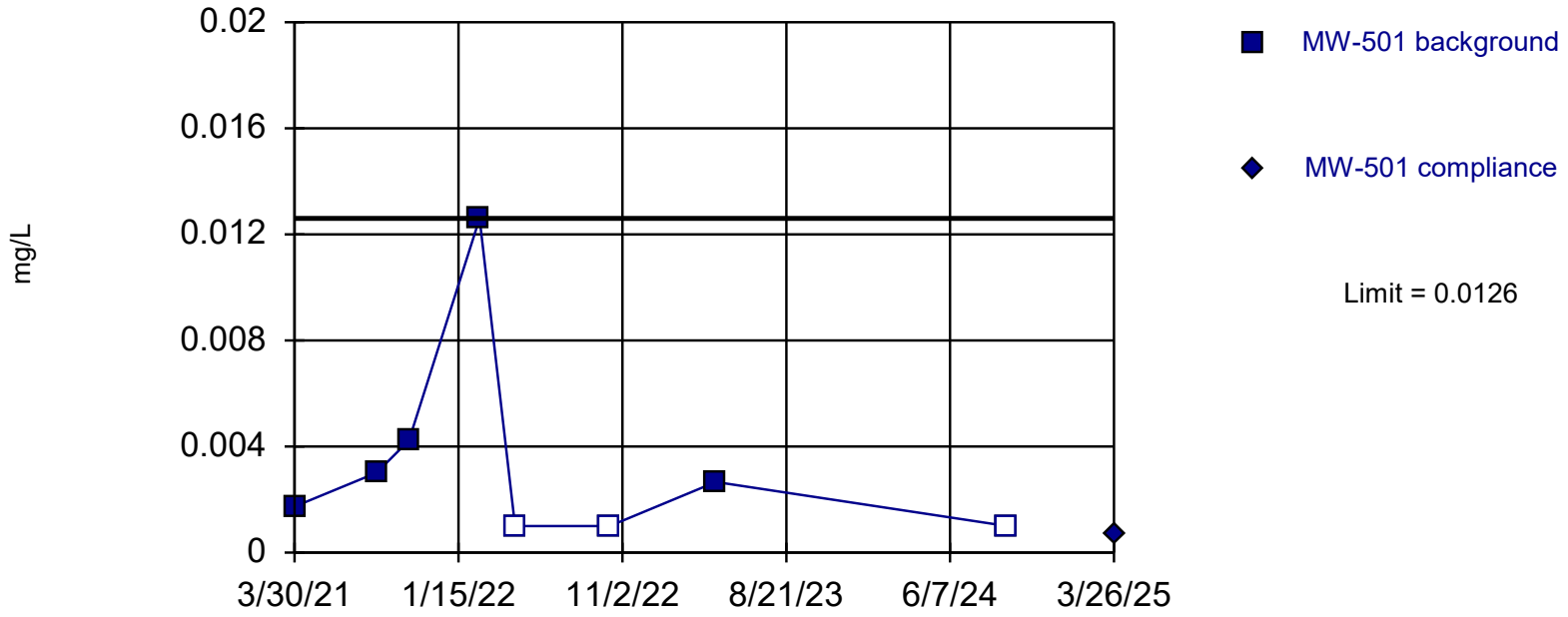
Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 8 background values. 37.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

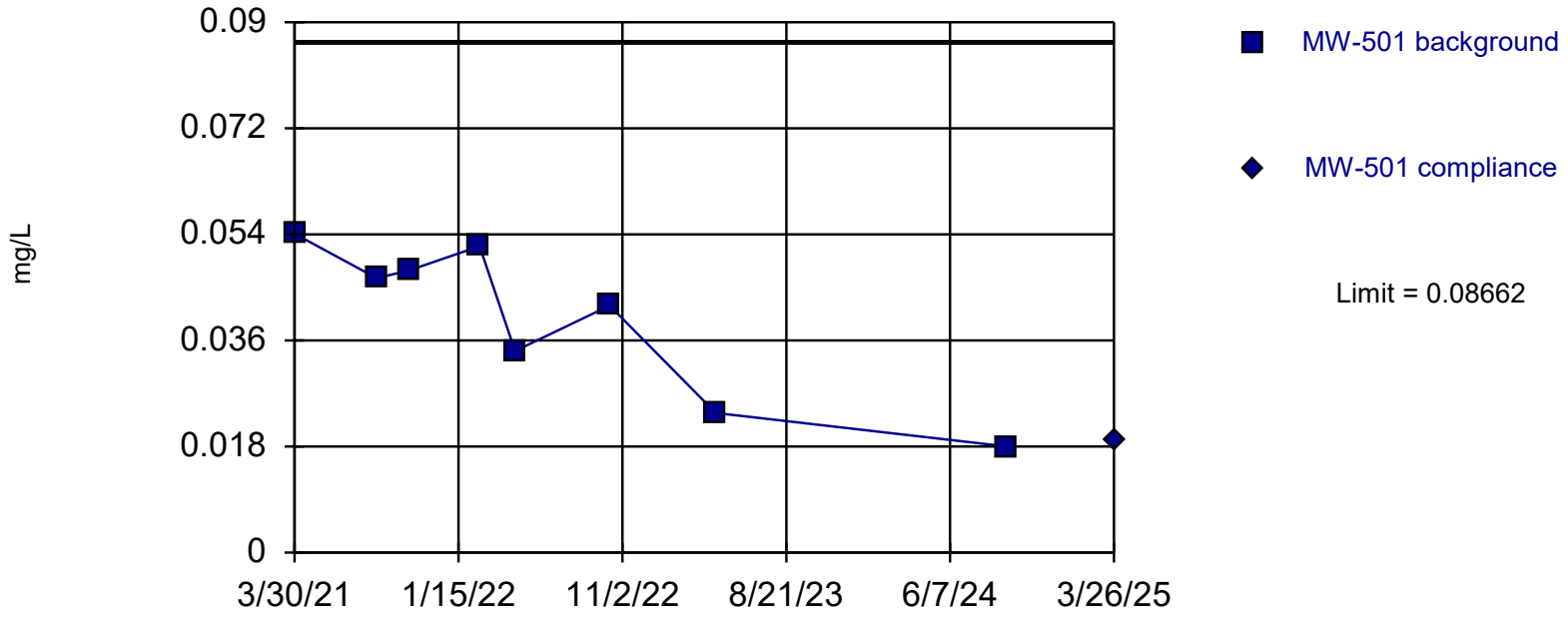
Constituent: Arsenic Analysis Run 5/17/2025 1:06 PM

Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.0398, Std. Dev.=0.01328, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9059, critical = 0.749. Kappa = 3.524 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

Constituent: Barium Analysis Run 5/17/2025 1:03 PM

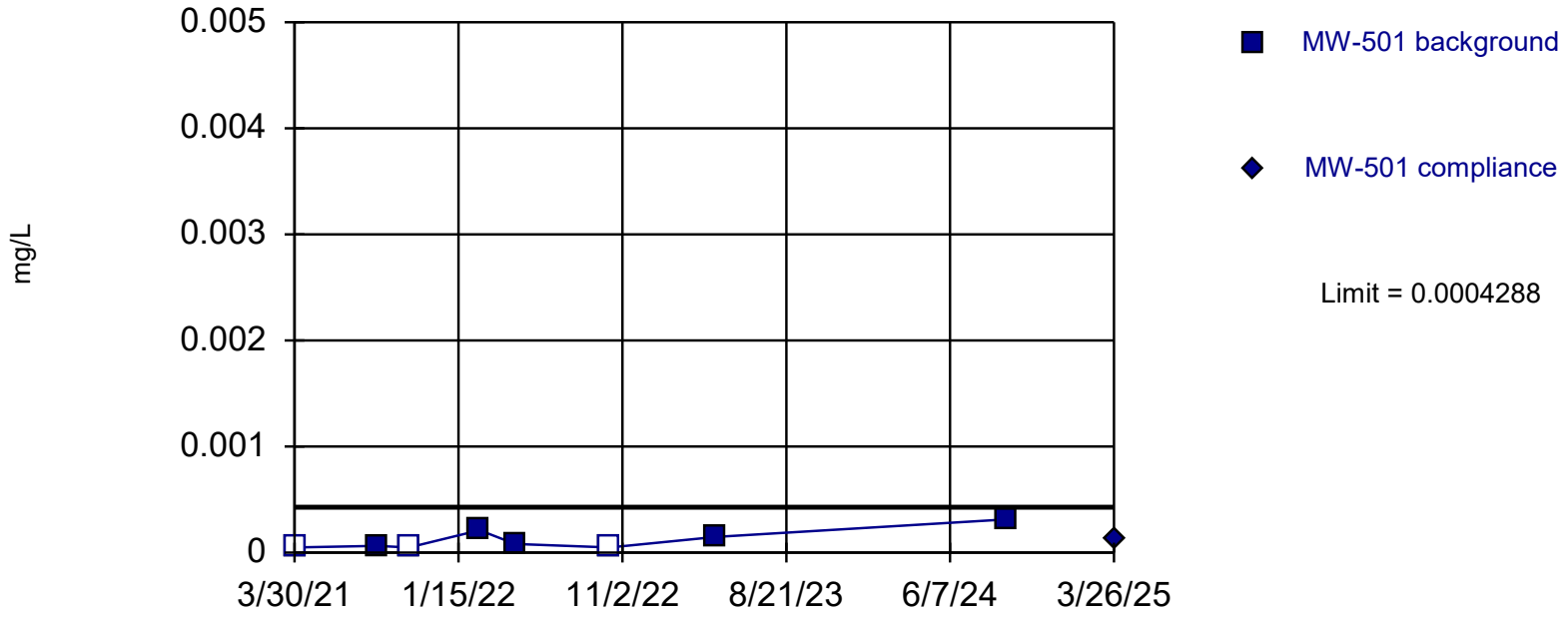
Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.0001303, Std. Dev.=0.0000847, n=8, 37.5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7946, critical = 0.749. Kappa = 3.524 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

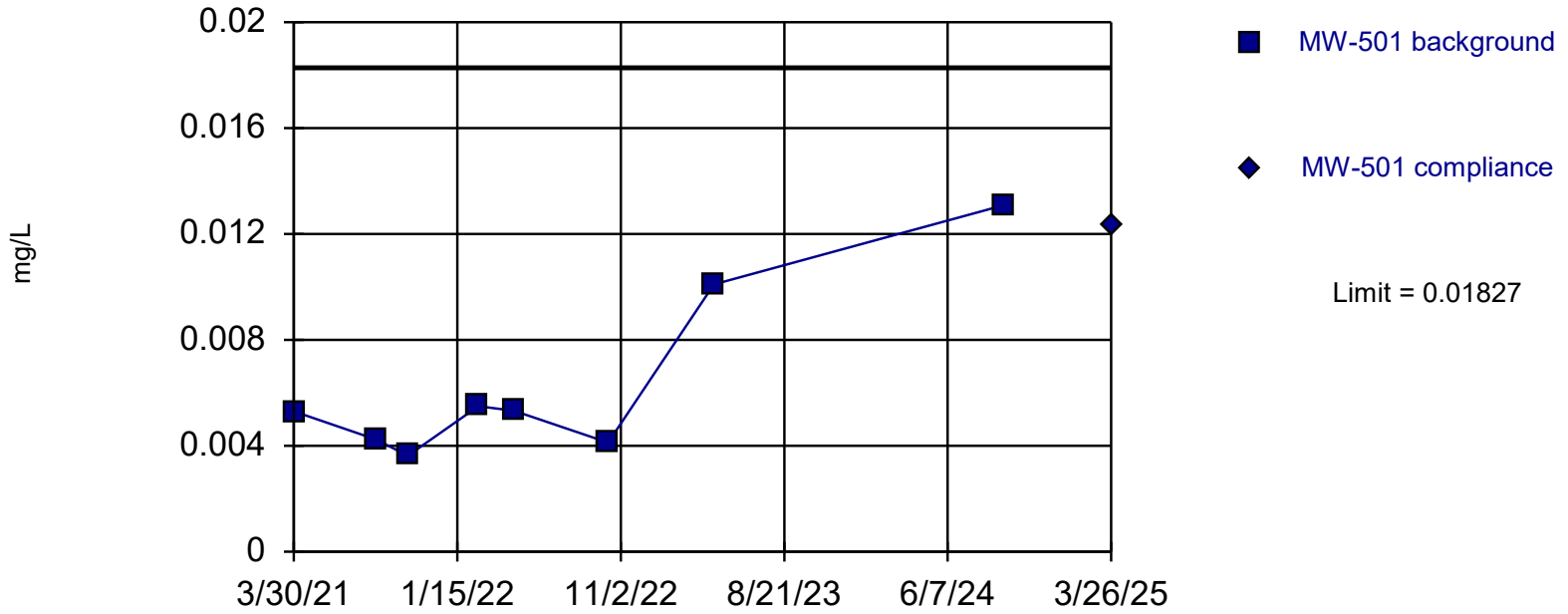
Constituent: Cadmium Analysis Run 5/17/2025 1:03 PM

Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.006415, Std. Dev.=0.003365, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7762, critical = 0.749. Kappa = 3.524 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

Constituent: Cobalt Analysis Run 5/17/2025 1:03 PM

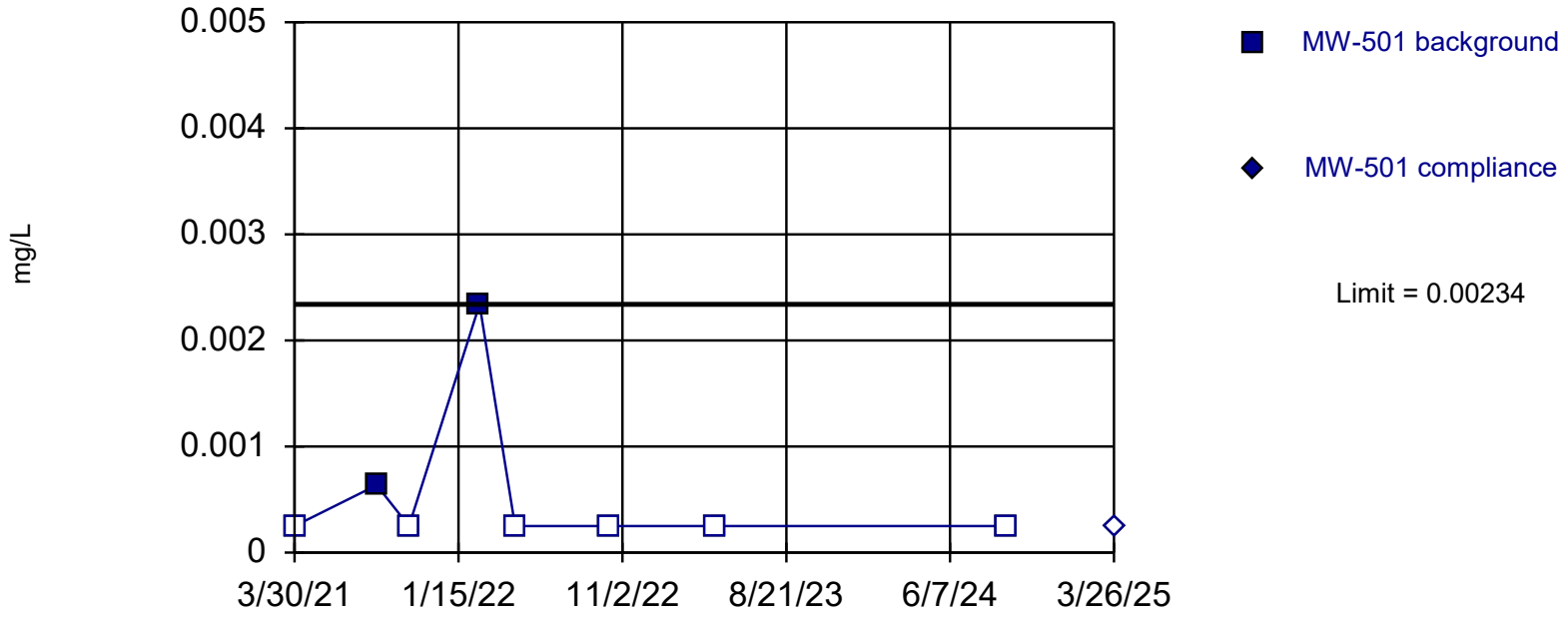
Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 75% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

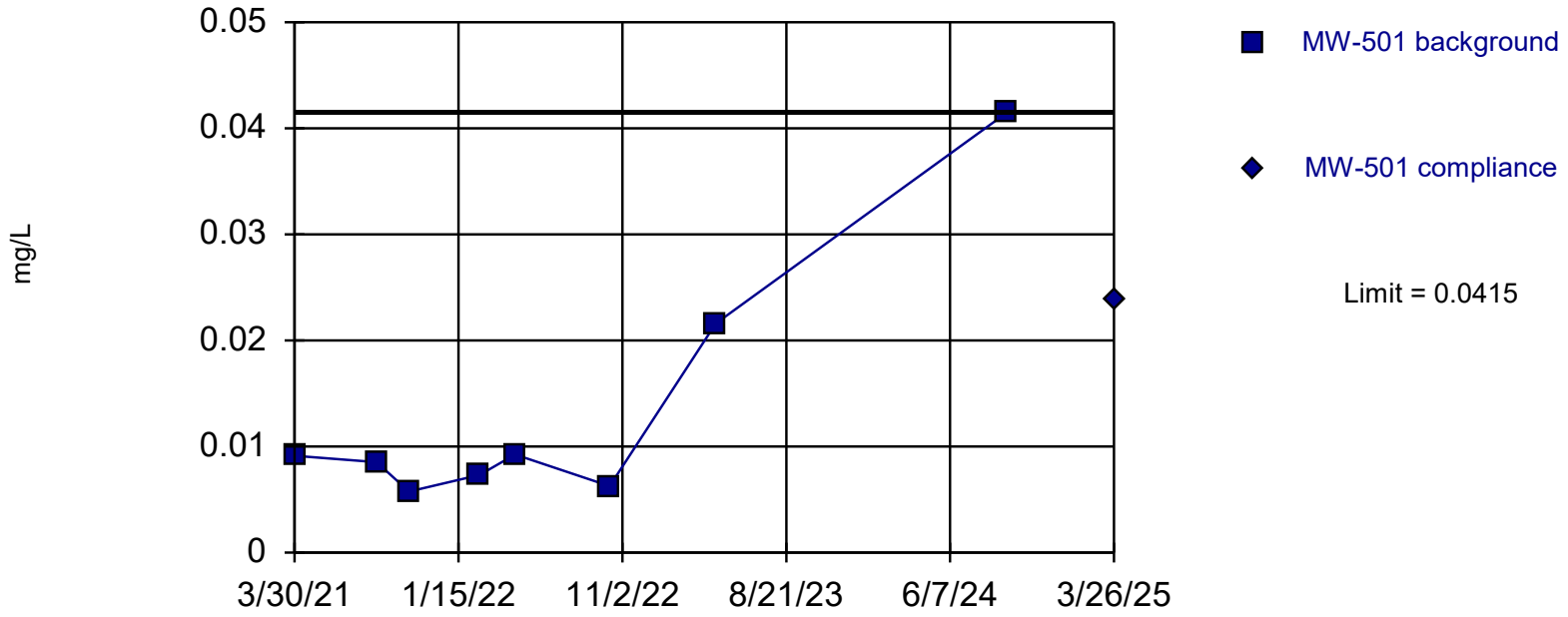
Constituent: Lead Analysis Run 5/17/2025 1:03 PM

Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 8 background values. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Nickel Analysis Run 5/17/2025 1:06 PM

Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

Attachment 3
Sanitas Report Output for Interwell Prediction Limit Calculations

Interwell Prediction Limit

Constituent	Well	Upper Limit	Date	Observation	Exceed	Background N	Background Mean	Standard Deviation	% Non-detects	Non-detect Adjustment	Transformation	Alpha	Method
Assessment Monitoring Locations													
Antimony (mg/L)	MW-15	0.0023	3/18/2025	0.00135J	No	34	n/a	n/a	56	n/a	n/a	0.001453	NP Inter (NDs) 1 of 2
Antimony (mg/L)	MW-22	0.0023	3/20/2025	0.001ND	No	34	n/a	n/a	56	n/a	n/a	0.001453	NP Inter (NDs) 1 of 2
Antimony (mg/L)	MW-24	0.0023	3/18/2025	0.001ND	No	34	n/a	n/a	56	n/a	n/a	0.001453	NP Inter (NDs) 1 of 2
Antimony (mg/L)	MW-26A	0.0023	3/18/2025	0.00129J	No	34	n/a	n/a	56	n/a	n/a	0.001453	NP Inter (NDs) 1 of 2
Antimony (mg/L)	MW-300	0.0023	3/18/2025	0.001ND	No	34	n/a	n/a	56	n/a	n/a	0.001453	NP Inter (NDs) 1 of 2
Antimony (mg/L)	MW-302R	0.0023	3/18/2025	0.001ND	No	34	n/a	n/a	56	n/a	n/a	0.001453	NP Inter (NDs) 1 of 2
Antimony (mg/L)	MW-303	0.0023	3/18/2025	0.001ND	No	34	n/a	n/a	56	n/a	n/a	0.001453	NP Inter (NDs) 1 of 2
Antimony (mg/L)	MW-304R	0.0023	3/18/2025	0.001ND	No	34	n/a	n/a	56	n/a	n/a	0.001453	NP Inter (NDs) 1 of 2
Antimony (mg/L)	MW-305	0.0023	3/18/2025	0.001ND	No	34	n/a	n/a	56	n/a	n/a	0.001453	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	MW-15	0.00866	3/18/2025	0.000833J	No	35	n/a	n/a	14	n/a	n/a	0.001369	NP Inter (normality) 1 of 2
Arsenic (mg/L)	MW-22	0.00866	3/20/2025	0.00278	No	35	n/a	n/a	14	n/a	n/a	0.001369	NP Inter (normality) 1 of 2
Arsenic (mg/L)	MW-24	0.00866	3/18/2025	0.000581J	No	35	n/a	n/a	14	n/a	n/a	0.001369	NP Inter (normality) 1 of 2
Arsenic (mg/L)	MW-26A	0.00866	3/18/2025	0.0154	Yes	35	n/a	n/a	14	n/a	n/a	0.001369	NP Inter (normality) 1 of 2
Arsenic (mg/L)	MW-300	0.00866	3/18/2025	0.001ND	No	35	n/a	n/a	14	n/a	n/a	0.001369	NP Inter (normality) 1 of 2
Arsenic (mg/L)	MW-302R	0.00866	3/18/2025	0.000732J	No	35	n/a	n/a	14	n/a	n/a	0.001369	NP Inter (normality) 1 of 2
Arsenic (mg/L)	MW-303	0.00866	3/18/2025	0.000932J	No	35	n/a	n/a	14	n/a	n/a	0.001369	NP Inter (normality) 1 of 2
Arsenic (mg/L)	MW-304R	0.00866	3/18/2025	0.000573J	No	35	n/a	n/a	14	n/a	n/a	0.001369	NP Inter (normality) 1 of 2
Arsenic (mg/L)	MW-305	0.00866	3/18/2025	0.001ND	No	35	n/a	n/a	14	n/a	n/a	0.001369	NP Inter (normality) 1 of 2
Barium (mg/L)	MW-15	0.575	3/18/2025	0.0716	No	35	n/a	n/a	0	n/a	n/a	0.001369	NP Inter (normality) 1 of 2
Barium (mg/L)	MW-22	0.575	3/20/2025	0.944	Yes	35	n/a	n/a	0	n/a	n/a	0.001369	NP Inter (normality) 1 of 2
Barium (mg/L)	MW-24	0.575	3/18/2025	0.0408	No	35	n/a	n/a	0	n/a	n/a	0.001369	NP Inter (normality) 1 of 2
Barium (mg/L)	MW-26A	0.575	3/18/2025	0.641	Yes	35	n/a	n/a	0	n/a	n/a	0.001369	NP Inter (normality) 1 of 2
Barium (mg/L)	MW-300	0.575	3/18/2025	0.0657	No	35	n/a	n/a	0	n/a	n/a	0.001369	NP Inter (normality) 1 of 2
Barium (mg/L)	MW-302R	0.575	3/18/2025	0.113	No	35	n/a	n/a	0	n/a	n/a	0.001369	NP Inter (normality) 1 of 2
Barium (mg/L)	MW-303	0.575	3/18/2025	0.0216	No	35	n/a	n/a	0	n/a	n/a	0.001369	NP Inter (normality) 1 of 2
Barium (mg/L)	MW-304R	0.575	3/18/2025	0.0357	No	35	n/a	n/a	0	n/a	n/a	0.001369	NP Inter (normality) 1 of 2
Barium (mg/L)	MW-305	0.575	3/18/2025	0.036	No	35	n/a	n/a	0	n/a	n/a	0.001369	NP Inter (normality) 1 of 2
Cobalt (mg/L)	MW-15	0.00243	3/18/2025	0.00154	No	35	n/a	n/a	23	n/a	n/a	0.001369	NP Inter (normality) 1 of 2
Cobalt (mg/L)	MW-22	0.00243	3/20/2025	0.000341J	No	35	n/a	n/a	23	n/a	n/a	0.001369	NP Inter (normality) 1 of 2
Cobalt (mg/L)	MW-24	0.00243	3/18/2025	0.000217J	No	35	n/a	n/a	23	n/a	n/a	0.001369	NP Inter (normality) 1 of 2
Cobalt (mg/L)	MW-26A	0.00243	3/18/2025	0.0612	Yes	35	n/a	n/a	23	n/a	n/a	0.001369	NP Inter (normality) 1 of 2
Cobalt (mg/L)	MW-300	0.00243	3/18/2025	0.00025ND	No	35	n/a	n/a	23	n/a	n/a	0.001369	NP Inter (normality) 1 of 2
Cobalt (mg/L)	MW-302R	0.00243	3/18/2025	0.00025ND	No	35	n/a	n/a	23	n/a	n/a	0.001369	NP Inter (normality) 1 of 2
Cobalt (mg/L)	MW-303	0.00243	3/18/2025	0.00366	Yes	35	n/a	n/a	23	n/a	n/a	0.001369	NP Inter (normality) 1 of 2
Cobalt (mg/L)	MW-304R	0.00243	3/18/2025	0.00885	Yes	35	n/a	n/a	23	n/a	n/a	0.001369	NP Inter (normality) 1 of 2
Cobalt (mg/L)	MW-305	0.00243	3/18/2025	0.00161	No	35	n/a	n/a	23	n/a	n/a	0.001369	NP Inter (normality) 1 of 2
Copper (mg/L)	MW-15	0.00322	3/18/2025	0.00243J	No	32	n/a	n/a	78	n/a	n/a	0.001622	NP Inter (NDs) 1 of 2
Copper (mg/L)	MW-22	0.00322	3/20/2025	0.0025ND	No	32	n/a	n/a	78	n/a	n/a	0.001622	NP Inter (NDs) 1 of 2
Copper (mg/L)	MW-24	0.00322	3/18/2025	0.00308J	No	32	n/a	n/a	78	n/a	n/a	0.001622	NP Inter (NDs) 1 of 2
Copper (mg/L)	MW-26A	0.00322	3/18/2025	0.0025ND	No	32	n/a	n/a	78	n/a	n/a	0.001622	NP Inter (NDs) 1 of 2
Copper (mg/L)	MW-300	0.00322	3/18/2025	0.0025ND	No	32	n/a	n/a	78	n/a	n/a	0.001622	NP Inter (NDs) 1 of 2
Copper (mg/L)	MW-302R	0.00322	3/18/2025	0.0025ND	No	32	n/a	n/a	78	n/a	n/a	0.001622	NP Inter (NDs) 1 of 2
Copper (mg/L)	MW-303	0.00322	3/18/2025	0.00336J	No	32	n/a	n/a	78	n/a	n/a	0.001622	NP Inter (NDs) 1 of 2
Copper (mg/L)	MW-304R	0.00322	3/18/2025	0.0025ND	No	32	n/a	n/a	78	n/a	n/a	0.001622	NP Inter (NDs) 1 of 2
Copper (mg/L)	MW-305	0.00322	3/18/2025	0.0025ND	No	32	n/a	n/a	78	n/a	n/a	0.001622	NP Inter (NDs) 1 of 2
Lead (mg/L)	MW-15	0.00687	3/18/2025	0.00025ND	No	35	n/a	n/a	63	n/a	n/a	0.001369	NP Inter (NDs) 1 of 2
Lead (mg/L)	MW-22	0.00687	3/20/2025	0.00025ND	No	35	n/a	n/a	63	n/a	n/a	0.001369	NP Inter (NDs) 1 of 2

Interwell Prediction Limit

Constituent	Well	Upper Limit	Date	Observation	Exceed	Background N	Background Mean	Standard Deviation	% Non-detects	Non-detect Adjustment	Transformation	Alpha	Method
Lead (mg/L)	MW-24	0.00687	3/18/2025	0.00025ND	No	35	n/a	n/a	63	n/a	n/a	0.001369	NP Inter (NDs) 1 of 2
Lead (mg/L)	MW-26A	0.00687	3/18/2025	0.00067	No	35	n/a	n/a	63	n/a	n/a	0.001369	NP Inter (NDs) 1 of 2
Lead (mg/L)	MW-300	0.00687	3/18/2025	0.00025ND	No	35	n/a	n/a	63	n/a	n/a	0.001369	NP Inter (NDs) 1 of 2
Lead (mg/L)	MW-302R	0.00687	3/18/2025	0.00025ND	No	35	n/a	n/a	63	n/a	n/a	0.001369	NP Inter (NDs) 1 of 2
Lead (mg/L)	MW-303	0.00687	3/18/2025	0.00025ND	No	35	n/a	n/a	63	n/a	n/a	0.001369	NP Inter (NDs) 1 of 2
Lead (mg/L)	MW-304R	0.00687	3/18/2025	0.00025ND	No	35	n/a	n/a	63	n/a	n/a	0.001369	NP Inter (NDs) 1 of 2
Lead (mg/L)	MW-305	0.00687	3/18/2025	0.00025ND	No	35	n/a	n/a	63	n/a	n/a	0.001369	NP Inter (NDs) 1 of 2
Nickel (mg/L)	MW-15	0.00508	3/18/2025	0.00677	Yes	33	n/a	n/a	79	n/a	n/a	0.001538	NP Inter (NDs) 1 of 2
Nickel (mg/L)	MW-22	0.00508	3/20/2025	0.0309	Yes	33	n/a	n/a	79	n/a	n/a	0.001538	NP Inter (NDs) 1 of 2
Nickel (mg/L)	MW-24	0.00508	3/18/2025	0.00634	Yes	33	n/a	n/a	79	n/a	n/a	0.001538	NP Inter (NDs) 1 of 2
Nickel (mg/L)	MW-26A	0.00508	3/18/2025	0.0364	Yes	33	n/a	n/a	79	n/a	n/a	0.001538	NP Inter (NDs) 1 of 2
Nickel (mg/L)	MW-300	0.00508	3/18/2025	0.0025ND	No	33	n/a	n/a	79	n/a	n/a	0.001538	NP Inter (NDs) 1 of 2
Nickel (mg/L)	MW-302R	0.00508	3/18/2025	0.0025ND	No	33	n/a	n/a	79	n/a	n/a	0.001538	NP Inter (NDs) 1 of 2
Nickel (mg/L)	MW-303	0.00508	3/18/2025	0.0669	Yes	33	n/a	n/a	79	n/a	n/a	0.001538	NP Inter (NDs) 1 of 2
Nickel (mg/L)	MW-304R	0.00508	3/18/2025	0.00505	No	33	n/a	n/a	79	n/a	n/a	0.001538	NP Inter (NDs) 1 of 2
Nickel (mg/L)	MW-305	0.00508	3/18/2025	0.00257J	No	33	n/a	n/a	79	n/a	n/a	0.001538	NP Inter (NDs) 1 of 2
Zinc (mg/L)	MW-15	0.02	3/18/2025	0.01ND	No	32	n/a	n/a	91	n/a	n/a	0.001622	NP Inter (NDs) 1 of 2
Zinc (mg/L)	MW-22	0.02	3/20/2025	0.01ND	No	32	n/a	n/a	91	n/a	n/a	0.001622	NP Inter (NDs) 1 of 2
Zinc (mg/L)	MW-24	0.02	3/18/2025	0.01ND	No	32	n/a	n/a	91	n/a	n/a	0.001622	NP Inter (NDs) 1 of 2
Zinc (mg/L)	MW-26A	0.02	3/18/2025	0.01ND	No	32	n/a	n/a	91	n/a	n/a	0.001622	NP Inter (NDs) 1 of 2
Zinc (mg/L)	MW-300	0.02	3/18/2025	0.01ND	No	32	n/a	n/a	91	n/a	n/a	0.001622	NP Inter (NDs) 1 of 2
Zinc (mg/L)	MW-302R	0.02	3/18/2025	0.01ND	No	32	n/a	n/a	91	n/a	n/a	0.001622	NP Inter (NDs) 1 of 2
Zinc (mg/L)	MW-303	0.02	3/18/2025	0.0141J	No	32	n/a	n/a	91	n/a	n/a	0.001622	NP Inter (NDs) 1 of 2
Zinc (mg/L)	MW-304R	0.02	3/18/2025	0.01ND	No	32	n/a	n/a	91	n/a	n/a	0.001622	NP Inter (NDs) 1 of 2
Zinc (mg/L)	MW-305	0.02	3/18/2025	0.01ND	No	32	n/a	n/a	91	n/a	n/a	0.001622	NP Inter (NDs) 1 of 2
Corrective Action Monitoring Locations - Assessment Constituents													
Antimony (mg/L)	MW-18	0.0023	3/18/2025	0.001ND	No	34	n/a	n/a	56	n/a	n/a	0.001453	NP Inter (NDs) 1 of 2
Antimony (mg/L)	MW-19	0.0023	3/18/2025	0.001ND	No	34	n/a	n/a	56	n/a	n/a	0.001453	NP Inter (NDs) 1 of 2
Antimony (mg/L)	MW-20	0.0023	3/20/2025	0.001ND	No	34	n/a	n/a	56	n/a	n/a	0.001453	NP Inter (NDs) 1 of 2
Antimony (mg/L)	MW-301	0.0023	3/18/2025	0.001ND	No	34	n/a	n/a	56	n/a	n/a	0.001453	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	MW-18	0.00866	3/18/2025	0.000894J	No	35	n/a	n/a	14	n/a	n/a	0.001369	NP Inter (normality) 1 of 2
Arsenic (mg/L)	MW-19	0.00866	3/18/2025	0.000847J	No	35	n/a	n/a	14	n/a	n/a	0.001369	NP Inter (normality) 1 of 2
Arsenic (mg/L)	MW-20	0.00866	3/20/2025	0.0022	No	35	n/a	n/a	14	n/a	n/a	0.001369	NP Inter (normality) 1 of 2
Arsenic (mg/L)	MW-301	0.00866	3/18/2025	0.00508	No	35	n/a	n/a	14	n/a	n/a	0.001369	NP Inter (normality) 1 of 2
Barium (mg/L)	MW-18	0.575	3/18/2025	0.0572	No	35	n/a	n/a	0	n/a	n/a	0.001369	NP Inter (normality) 1 of 2
Barium (mg/L)	MW-19	0.575	3/18/2025	0.0324	No	35	n/a	n/a	0	n/a	n/a	0.001369	NP Inter (normality) 1 of 2
Barium (mg/L)	MW-20	0.575	3/20/2025	0.801	Yes	35	n/a	n/a	0	n/a	n/a	0.001369	NP Inter (normality) 1 of 2
Barium (mg/L)	MW-301	0.575	3/18/2025	0.061	No	35	n/a	n/a	0	n/a	n/a	0.001369	NP Inter (normality) 1 of 2
Copper (mg/L)	MW-18	0.00322	3/18/2025	0.0025ND	No	32	n/a	n/a	78	n/a	n/a	0.001622	NP Inter (NDs) 1 of 2
Copper (mg/L)	MW-19	0.00322	3/18/2025	0.0025ND	No	32	n/a	n/a	78	n/a	n/a	0.001622	NP Inter (NDs) 1 of 2
Copper (mg/L)	MW-20	0.00322	3/20/2025	0.0025ND	No	32	n/a	n/a	78	n/a	n/a	0.001622	NP Inter (NDs) 1 of 2
Copper (mg/L)	MW-301	0.00322	3/18/2025	0.0025ND	No	32	n/a	n/a	78	n/a	n/a	0.001622	NP Inter (NDs) 1 of 2
Lead (mg/L)	MW-18	0.00687	3/18/2025	0.00025ND	No	35	n/a	n/a	63	n/a	n/a	0.001369	NP Inter (NDs) 1 of 2
Lead (mg/L)	MW-19	0.00687	3/18/2025	0.00025ND	No	35	n/a	n/a	63	n/a	n/a	0.001369	NP Inter (NDs) 1 of 2
Lead (mg/L)	MW-20	0.00687	3/20/2025	0.00025ND	No	35	n/a	n/a	63	n/a	n/a	0.001369	NP Inter (NDs) 1 of 2
Lead (mg/L)	MW-301	0.00687	3/18/2025	0.00025ND	No	35	n/a	n/a	63	n/a	n/a	0.001369	NP Inter (NDs) 1 of 2
Nickel (mg/L)	MW-18	0.00508	3/18/2025	0.0172	Yes	33	n/a	n/a	79	n/a	n/a	0.001538	NP Inter (NDs) 1 of 2
Nickel (mg/L)	MW-19	0.00508	3/18/2025	0.0175	Yes	33	n/a	n/a	79	n/a	n/a	0.001538	NP Inter (NDs) 1 of 2

Interwell Prediction Limit

Constituent	Well	Upper Limit	Date	Observation	Exceed	Background N	Background Mean	Standard Deviation	% Non-detects	Non-detect Adjustment	Transformation	Alpha	Method
Corrective Action Monitoring Locations - Assessment Constituents Continued													
Nickel (mg/L)	MW-20	0.00508	3/20/2025	0.0136	Yes	33	n/a	n/a	79	n/a	n/a	0.001538	NP Inter (NDs) 1 of 2
Nickel (mg/L)	MW-301	0.00508	3/18/2025	0.00825	Yes	33	n/a	n/a	79	n/a	n/a	0.001538	NP Inter (NDs) 1 of 2
Zinc (mg/L)	MW-18	0.02	3/18/2025	0.00998J	No	32	n/a	n/a	91	n/a	n/a	0.001622	NP Inter (NDs) 1 of 2
Zinc (mg/L)	MW-19	0.02	3/18/2025	0.01ND	No	32	n/a	n/a	91	n/a	n/a	0.001622	NP Inter (NDs) 1 of 2
Zinc (mg/L)	MW-20	0.02	3/20/2025	0.01ND	No	32	n/a	n/a	91	n/a	n/a	0.001622	NP Inter (NDs) 1 of 2
Zinc (mg/L)	MW-301	0.02	3/18/2025	0.01ND	No	32	n/a	n/a	91	n/a	n/a	0.001622	NP Inter (NDs) 1 of 2
Delineation Monitoring Locations													
Cobalt (mg/L)	MW-29	0.00243	3/18/2025	0.000724	No	35	n/a	n/a	23	n/a	n/a	0.001369	NP Inter (normality) 1 of 2
Cobalt (mg/L)	MW-30	0.00243	3/17/2025	0.00274	Yes	35	n/a	n/a	23	n/a	n/a	0.001369	NP Inter (normality) 1 of 2
Cobalt (mg/L)	MW-306	0.00243	3/20/2025	0.0016	No	35	n/a	n/a	23	n/a	n/a	0.001369	NP Inter (normality) 1 of 2
Cobalt (mg/L)	MW-307A	0.00243	3/20/2025	0.00763	Yes	35	n/a	n/a	23	n/a	n/a	0.001369	NP Inter (normality) 1 of 2

Notes:

• Interwell prediction limit data consists of the detected Appendix I and II parameters in the combined MW-9AR and MW-201B data set.

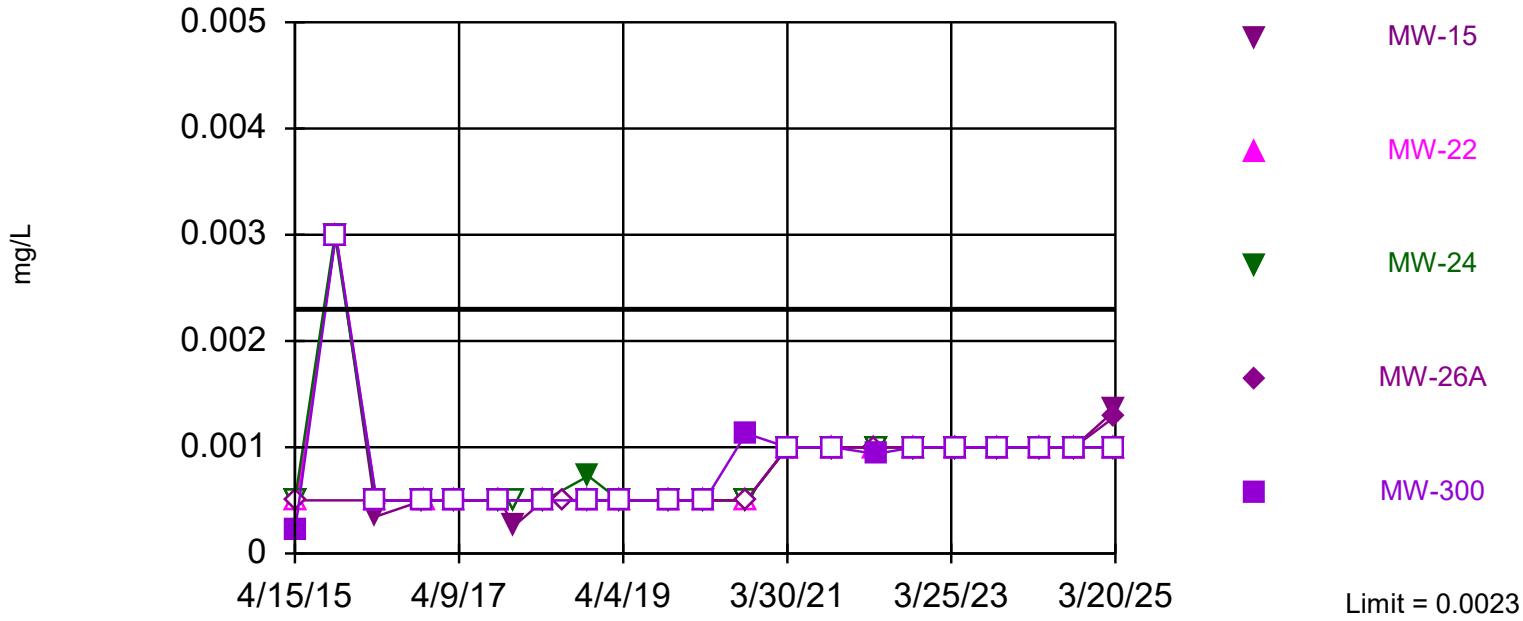
• Note that background and downgradient data set adjustments were incorporated in accordance with Section 3 of the Spring2025 Statistical Evaluation memo. Of particular note, only data collected with low-flow sampling procedures (i.e. Apr. 2015 through current) were utilized for statistical comparisons. Data collected using high-volume sampling techniques (i.e. before Apr. 2015) were removed.

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 highest of 34 background values. 55.88% NDs. Annual per-constituent alpha = 0.04548. Individual comparison alpha = 0.001453 (1 of 2).

Constituent: Antimony Analysis Run 5/19/2025 7:46 AM

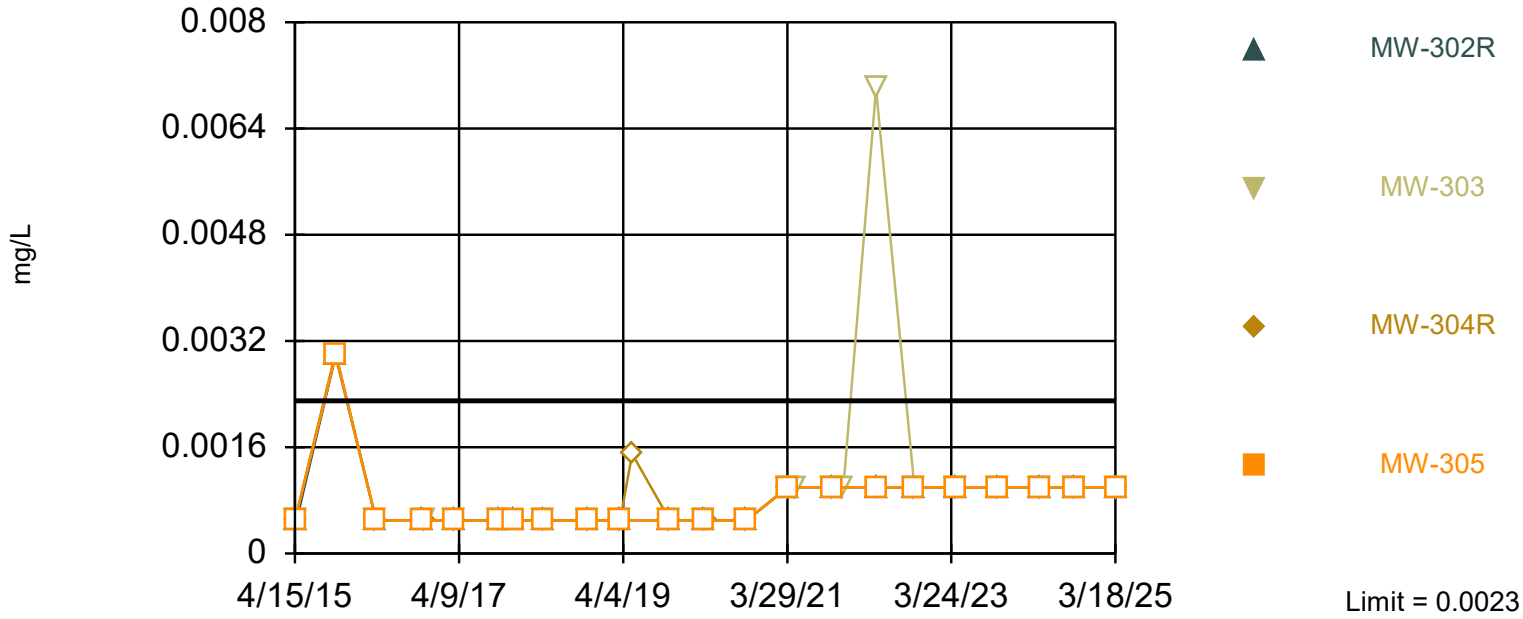
Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

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 highest of 34 background values. 55.88% NDs. Annual per-constituent alpha = 0.04548. Individual comparison alpha = 0.001453 (1 of 2).

Constituent: Antimony Analysis Run 5/19/2025 7:47 AM

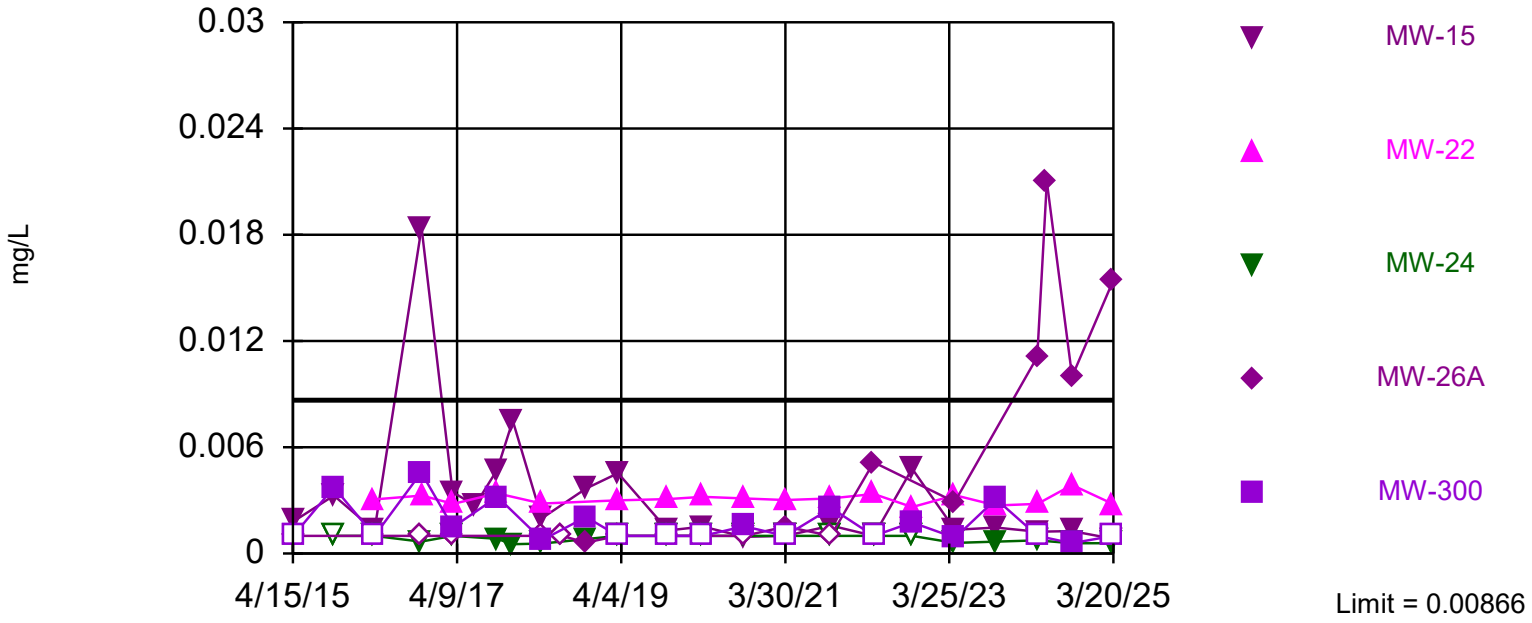
Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

Hollow symbols indicate censored values.

Exceeds Limit: MW-26A

Prediction Limit - Assessment Monitoring

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 35 background values. 14.29% NDs. Annual per-constituent alpha = 0.0429. Individual comparison alpha = 0.001369 (1 of 2).

Constituent: Arsenic Analysis Run 5/19/2025 7:46 AM

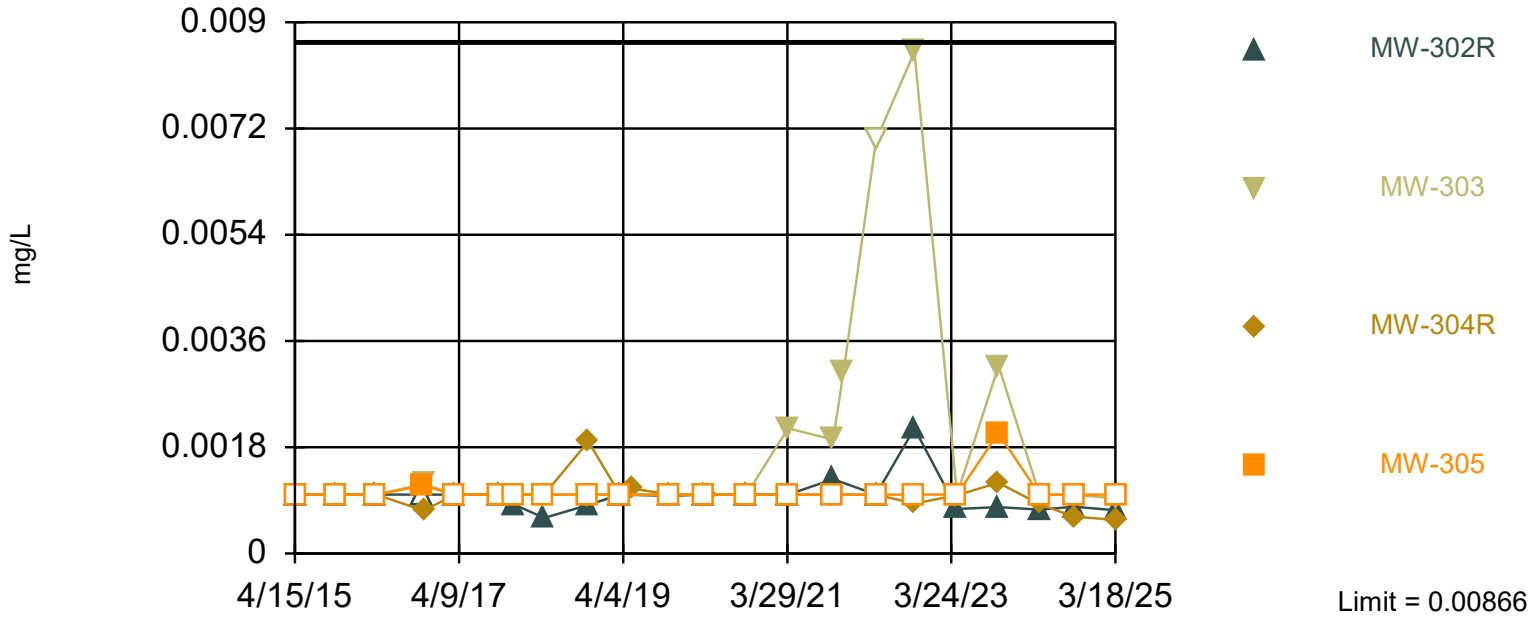
Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

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 Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 35 background values. 14.29% NDs. Annual per-constituent alpha = 0.0429. Individual comparison alpha = 0.001369 (1 of 2).

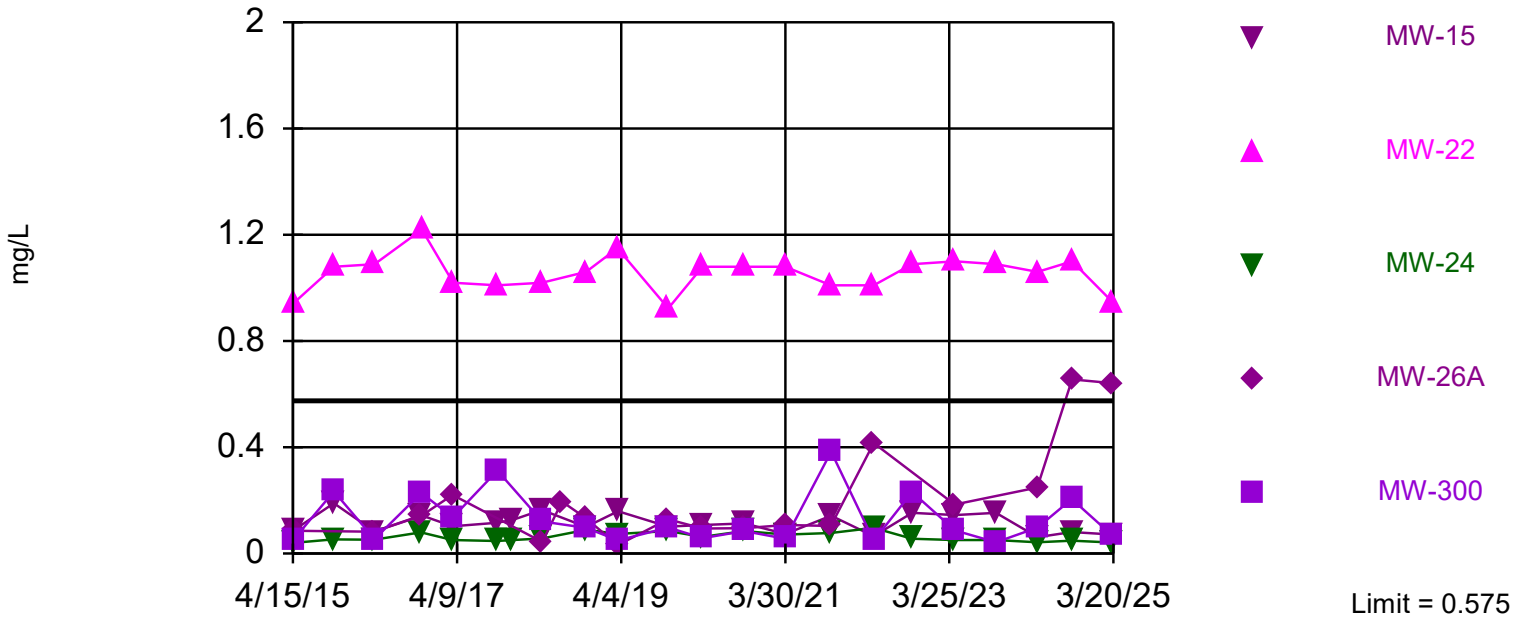
Constituent: Arsenic Analysis Run 5/19/2025 7:47 AM

Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

Exceeds Limit: MW-22, MW-26A

Prediction Limit - Assessment Monitoring

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 35 background values. Annual per-constituent alpha = 0.0429. Individual comparison alpha = 0.001369 (1 of 2).

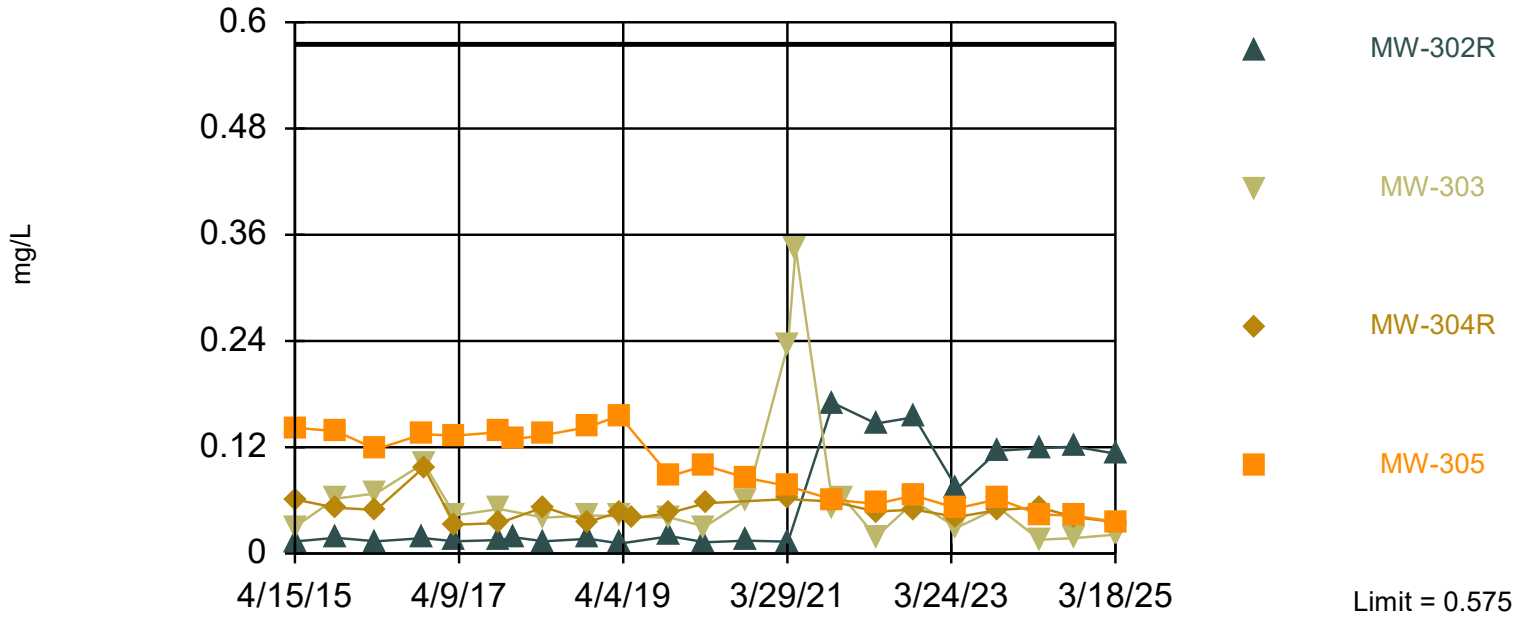
Constituent: Barium Analysis Run 5/19/2025 7:46 AM

Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

Within Limit

Prediction Limit - Assessment Monitoring

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 35 background values. Annual per-constituent alpha = 0.0429. Individual comparison alpha = 0.001369 (1 of 2).

Constituent: Barium Analysis Run 5/19/2025 7:47 AM

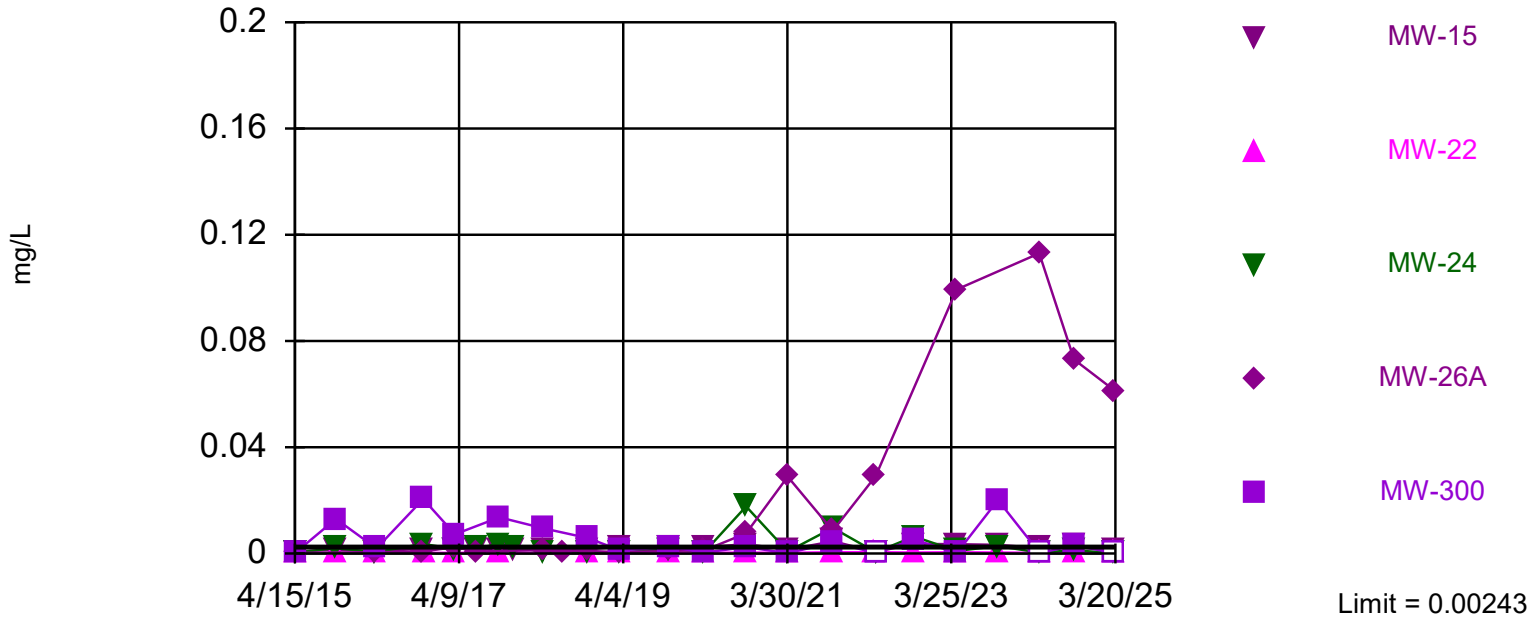
Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

Hollow symbols indicate censored values.

Exceeds Limit: MW-26A

Prediction Limit - Assessment Monitoring

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 35 background values. 22.86% NDs. Annual per-constituent alpha = 0.0429. Individual comparison alpha = 0.001369 (1 of 2).

Constituent: Cobalt Analysis Run 5/19/2025 7:46 AM

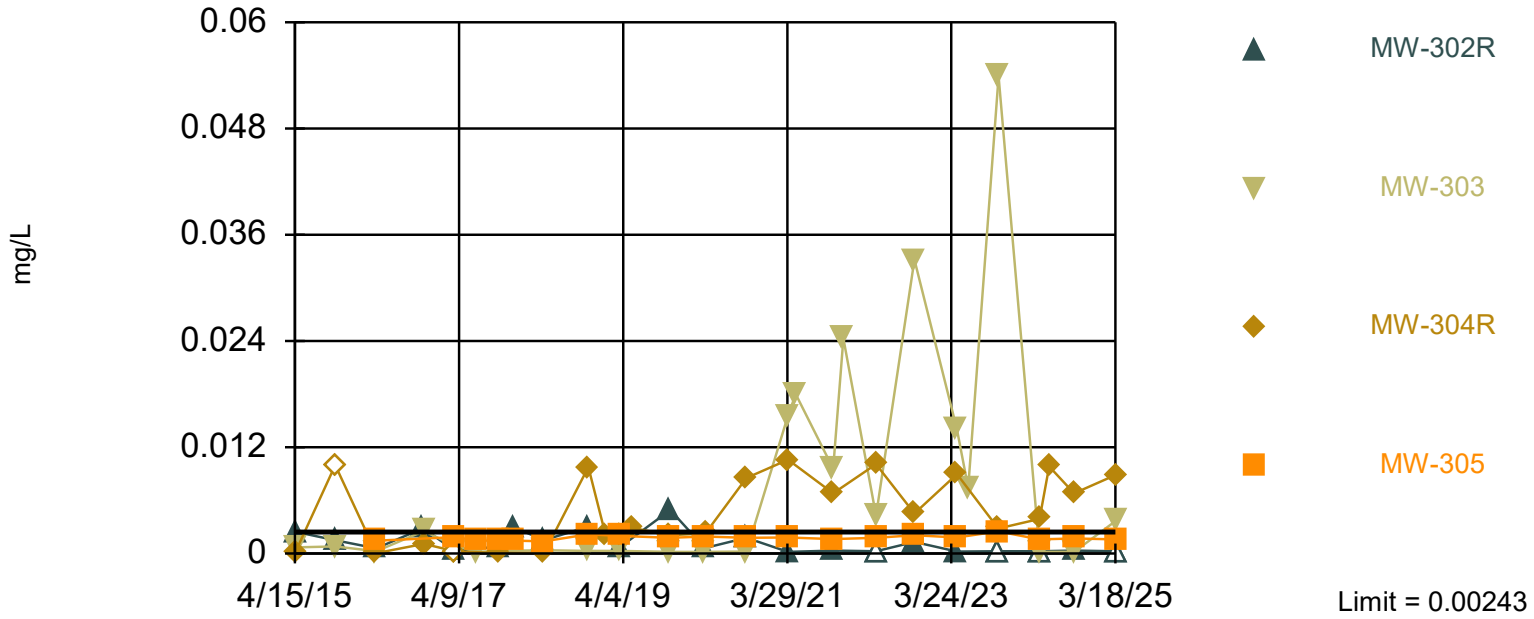
Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

Hollow symbols indicate censored values.

Exceeds Limit: MW-303, MW-304R

Prediction Limit - Assessment Monitoring

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 35 background values. 22.86% NDs. Annual per-constituent alpha = 0.0429. Individual comparison alpha = 0.001369 (1 of 2).

Constituent: Cobalt Analysis Run 5/19/2025 7:47 AM

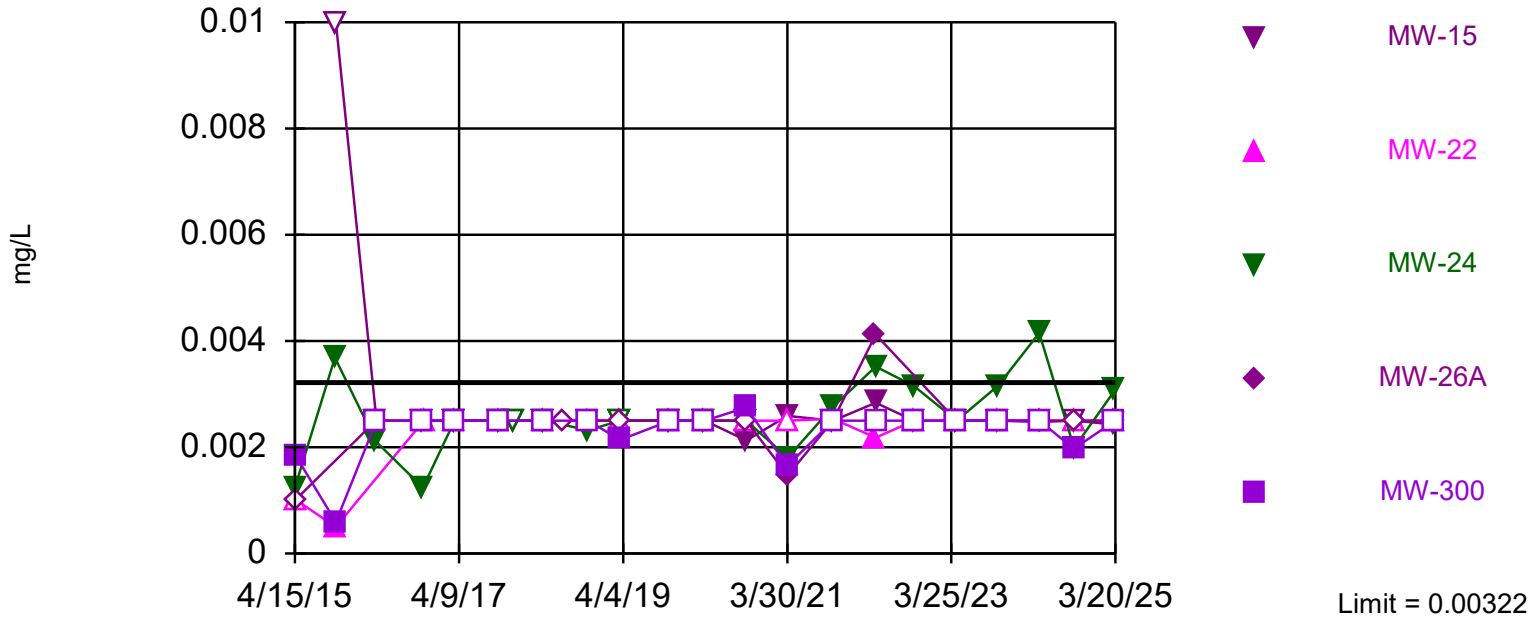
Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

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 highest of 32 background values. 78.13% NDs. Annual per-constituent alpha = 0.05063. Individual comparison alpha = 0.001622 (1 of 2).

Constituent: Copper Analysis Run 5/19/2025 7:46 AM

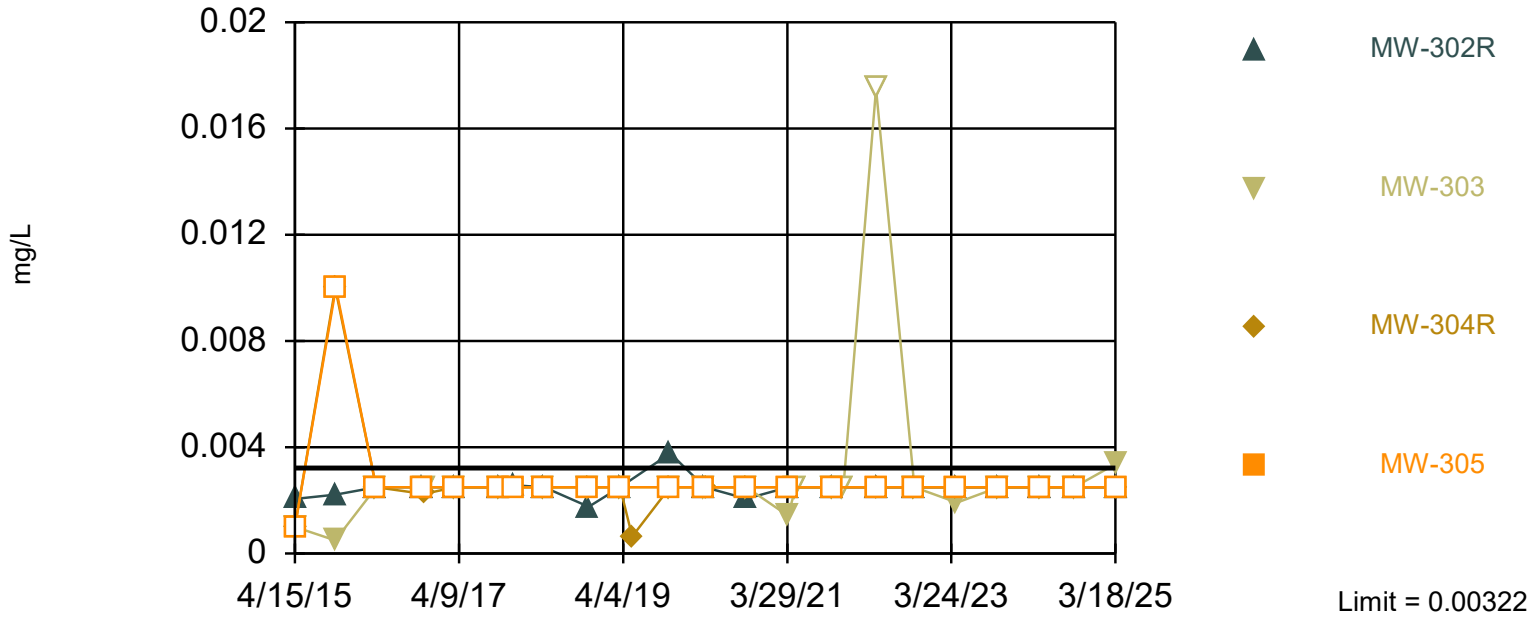
Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

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 highest of 32 background values. 78.13% NDs. Annual per-constituent alpha = 0.05063. Individual comparison alpha = 0.001622 (1 of 2).

Constituent: Copper Analysis Run 5/19/2025 7:47 AM

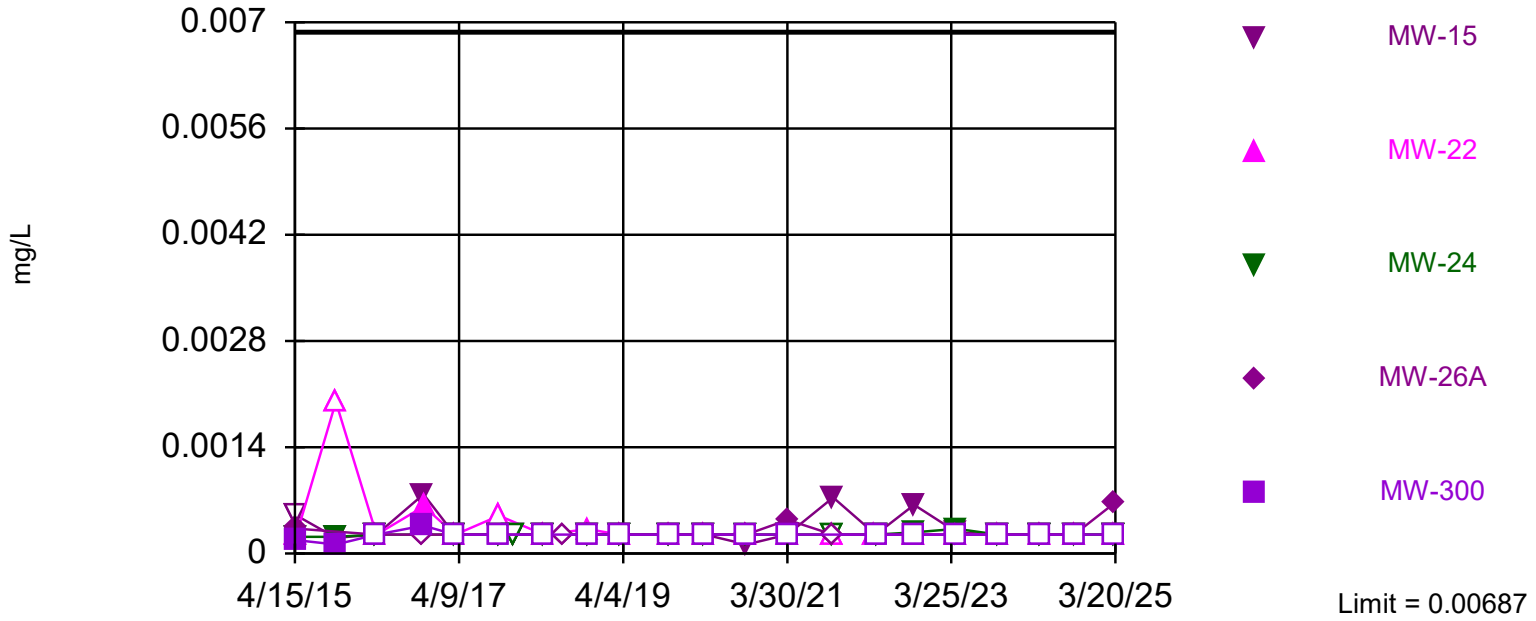
Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

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 highest of 35 background values. 62.86% NDs. Annual per-constituent alpha = 0.0429. Individual comparison alpha = 0.001369 (1 of 2).

Constituent: Lead Analysis Run 5/19/2025 7:46 AM

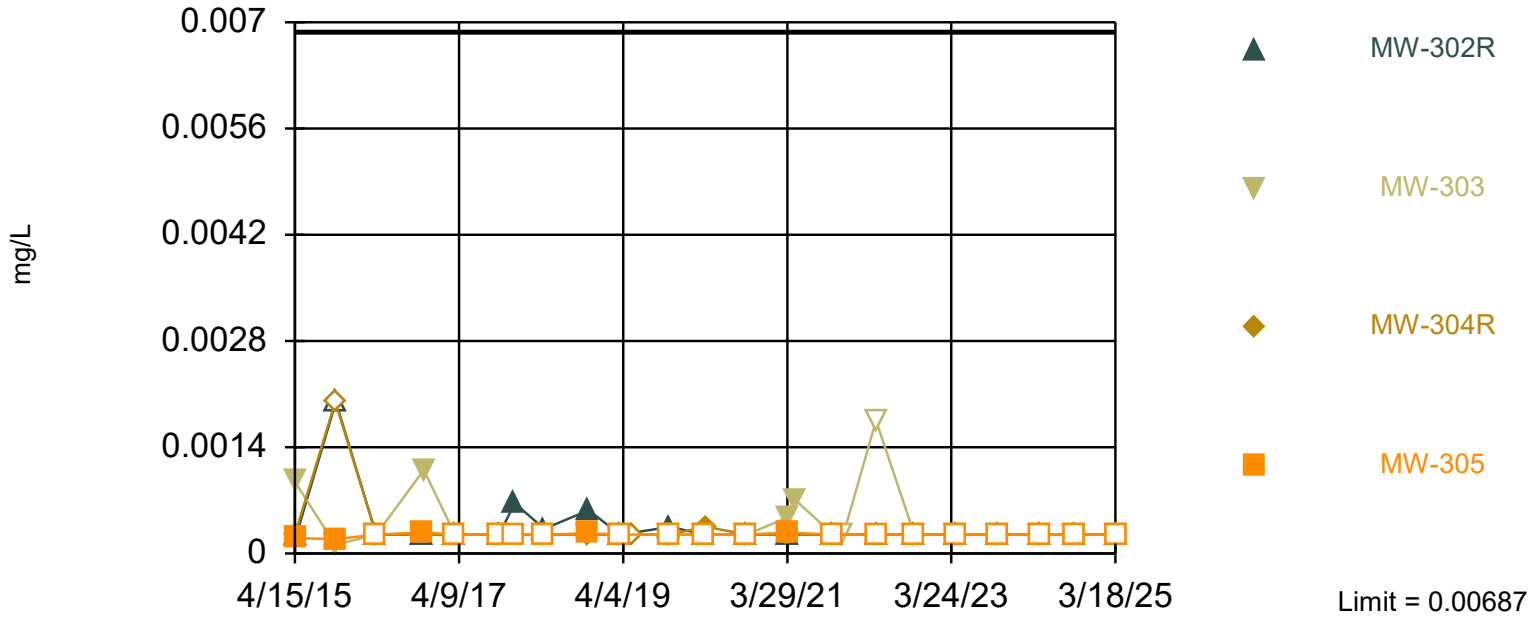
Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

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 highest of 35 background values. 62.86% NDs. Annual per-constituent alpha = 0.0429. Individual comparison alpha = 0.001369 (1 of 2).

Constituent: Lead Analysis Run 5/19/2025 7:47 AM

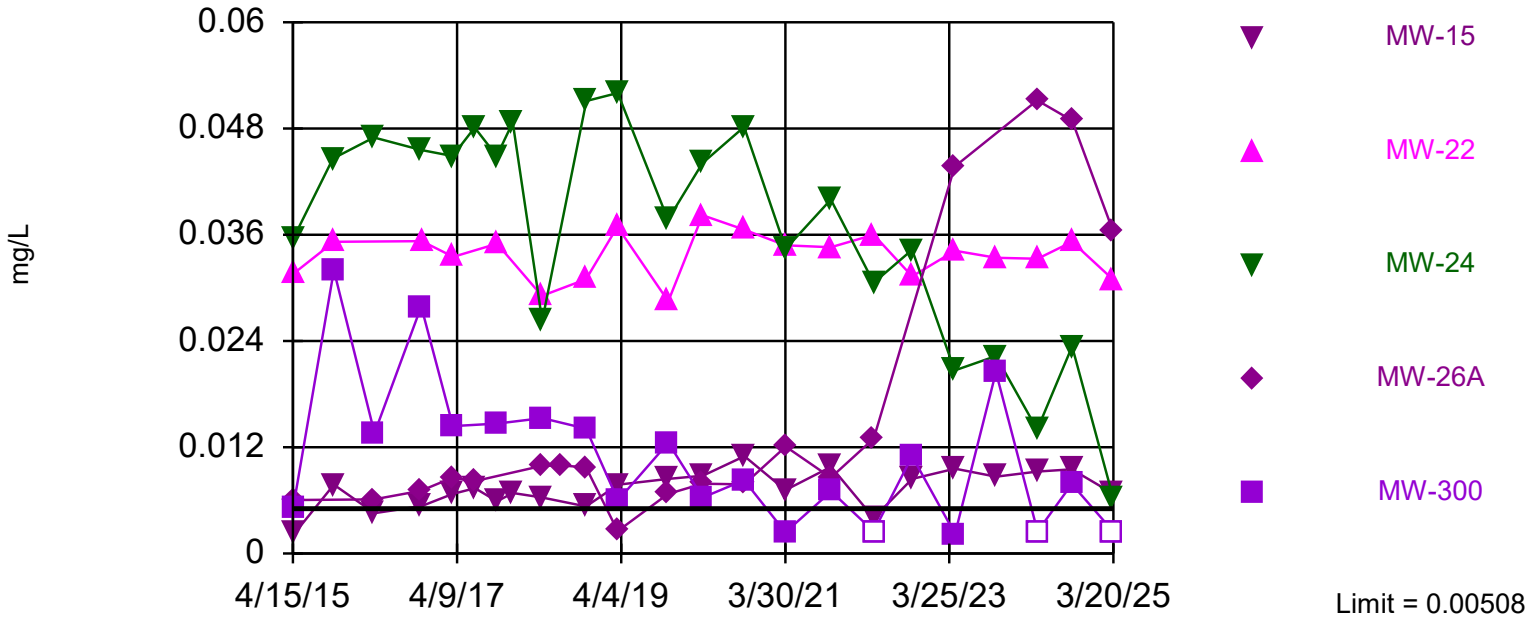
Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

Hollow symbols indicate censored values.

Exceeds Limit: MW-15, MW-22, MW-24, MW-26A

Prediction Limit - Assessment Monitoring

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 78.79% NDs. Annual per-constituent alpha = 0.04805. Individual comparison alpha = 0.001538 (1 of 2).

Constituent: Nickel Analysis Run 5/19/2025 7:46 AM

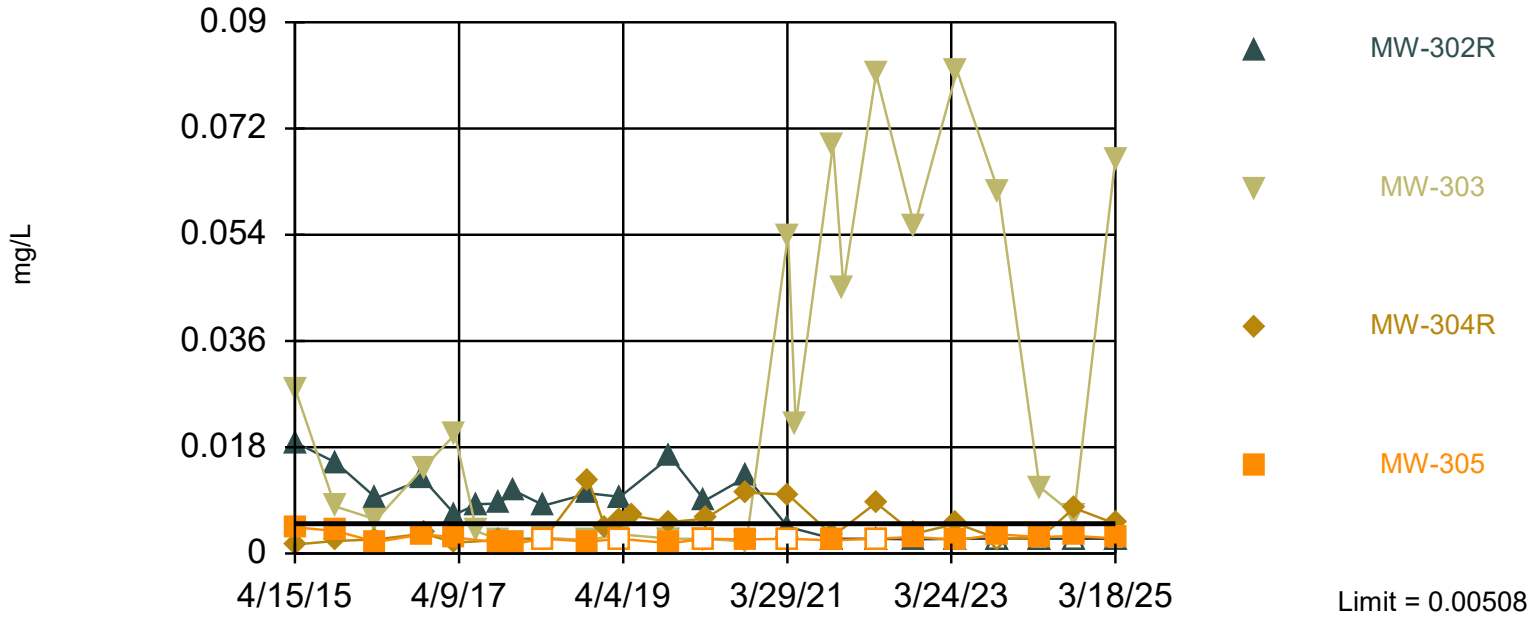
Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

Hollow symbols indicate censored values.

Exceeds Limit: MW-303

Prediction Limit - Assessment Monitoring

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 78.79% NDs. Annual per-constituent alpha = 0.04805. Individual comparison alpha = 0.001538 (1 of 2).

Constituent: Nickel Analysis Run 5/19/2025 7:47 AM

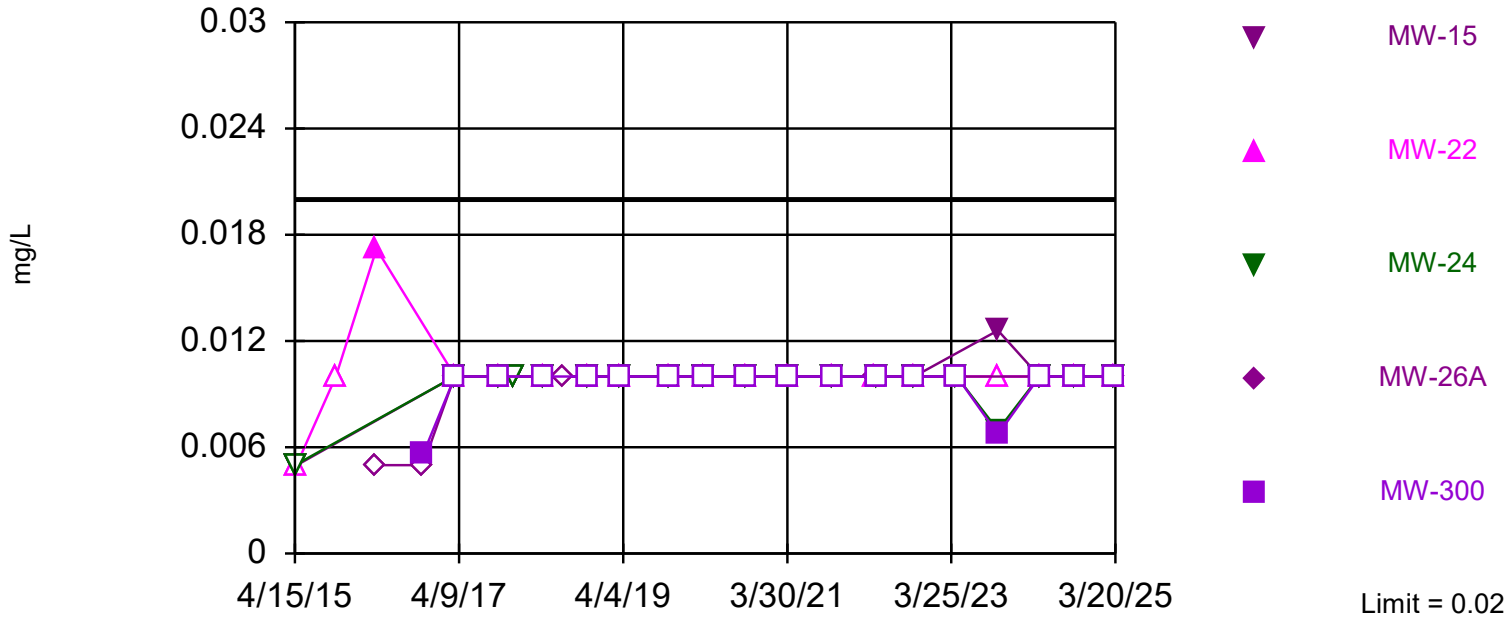
Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

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 highest of 32 background values. 90.63% NDs. Annual per-constituent alpha = 0.05063. Individual comparison alpha = 0.001622 (1 of 2).

Constituent: Zinc Analysis Run 5/19/2025 7:46 AM

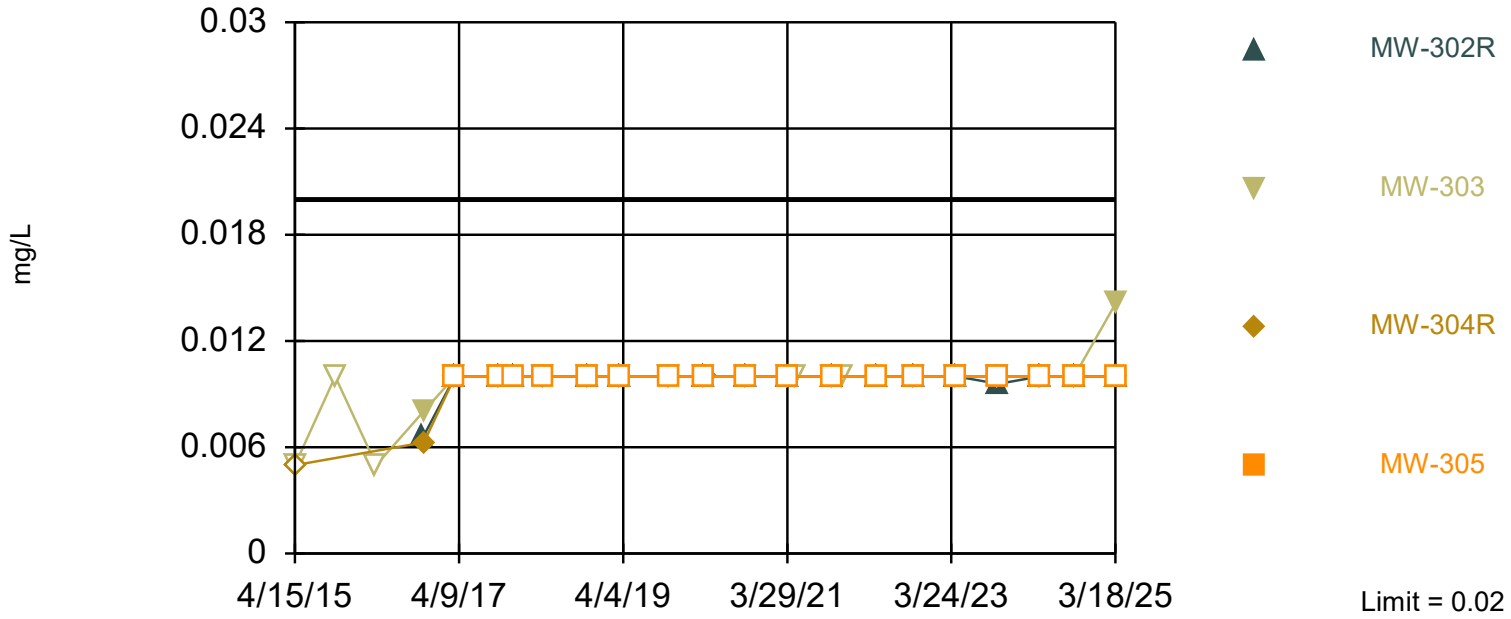
Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

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 highest of 32 background values. 90.63% NDs. Annual per-constituent alpha = 0.05063. Individual comparison alpha = 0.001622 (1 of 2).

Constituent: Zinc Analysis Run 5/19/2025 7:47 AM

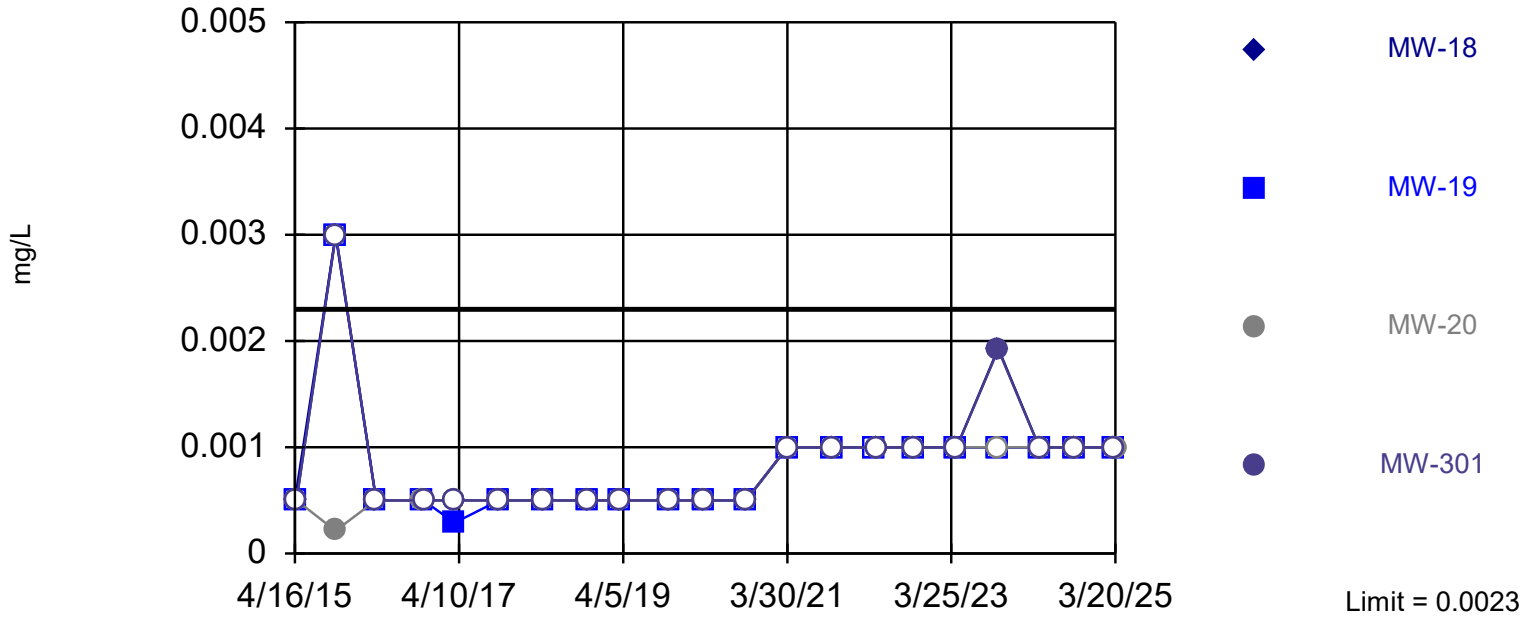
Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

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 highest of 34 background values. 55.88% NDs. Annual per-constituent alpha = 0.04548. Individual comparison alpha = 0.001453 (1 of 2).

Constituent: Antimony Analysis Run 5/19/2025 7:49 AM

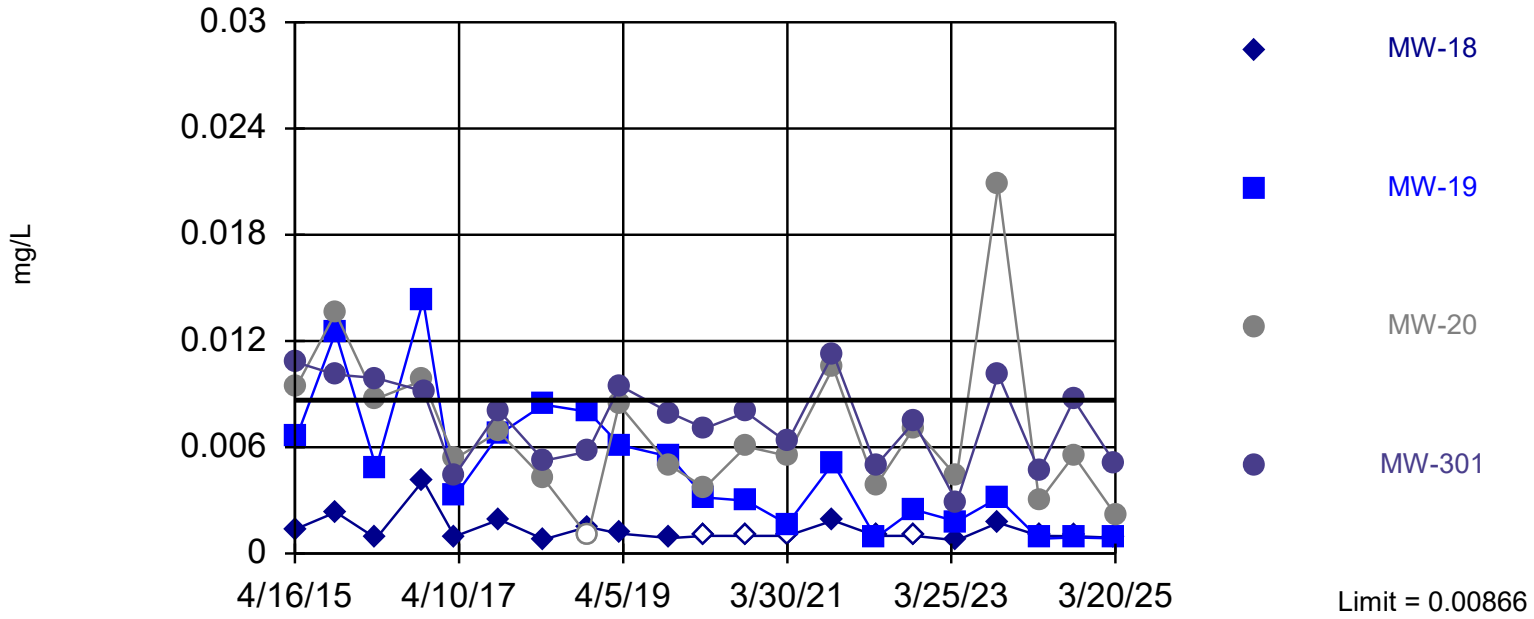
Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

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 Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 35 background values. 14.29% NDs. Annual per-constituent alpha = 0.0429. Individual comparison alpha = 0.001369 (1 of 2).

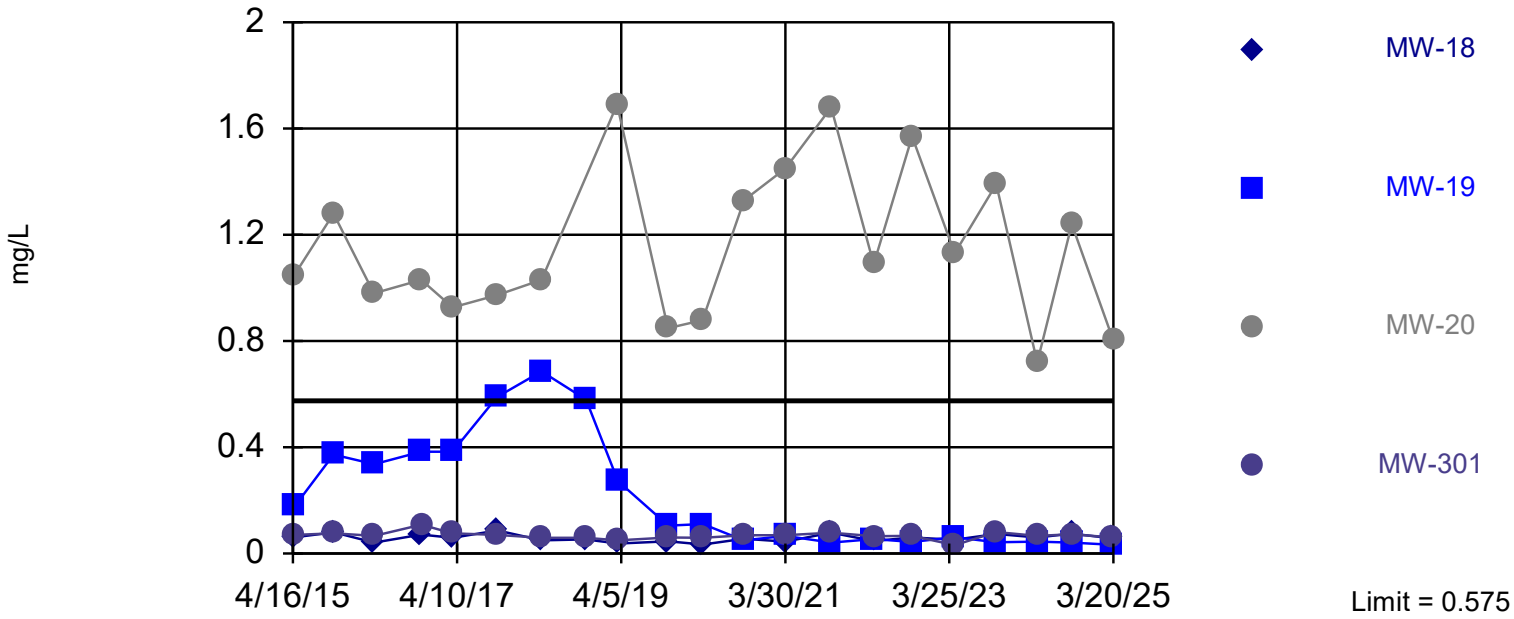
Constituent: Arsenic Analysis Run 5/19/2025 7:49 AM

Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

Exceeds Limit: MW-20

Prediction Limit - Corrective Action Monitoring Assessment Constituents

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 35 background values. Annual per-constituent alpha = 0.0429. Individual comparison alpha = 0.001369 (1 of 2).

Constituent: Barium Analysis Run 5/19/2025 7:49 AM

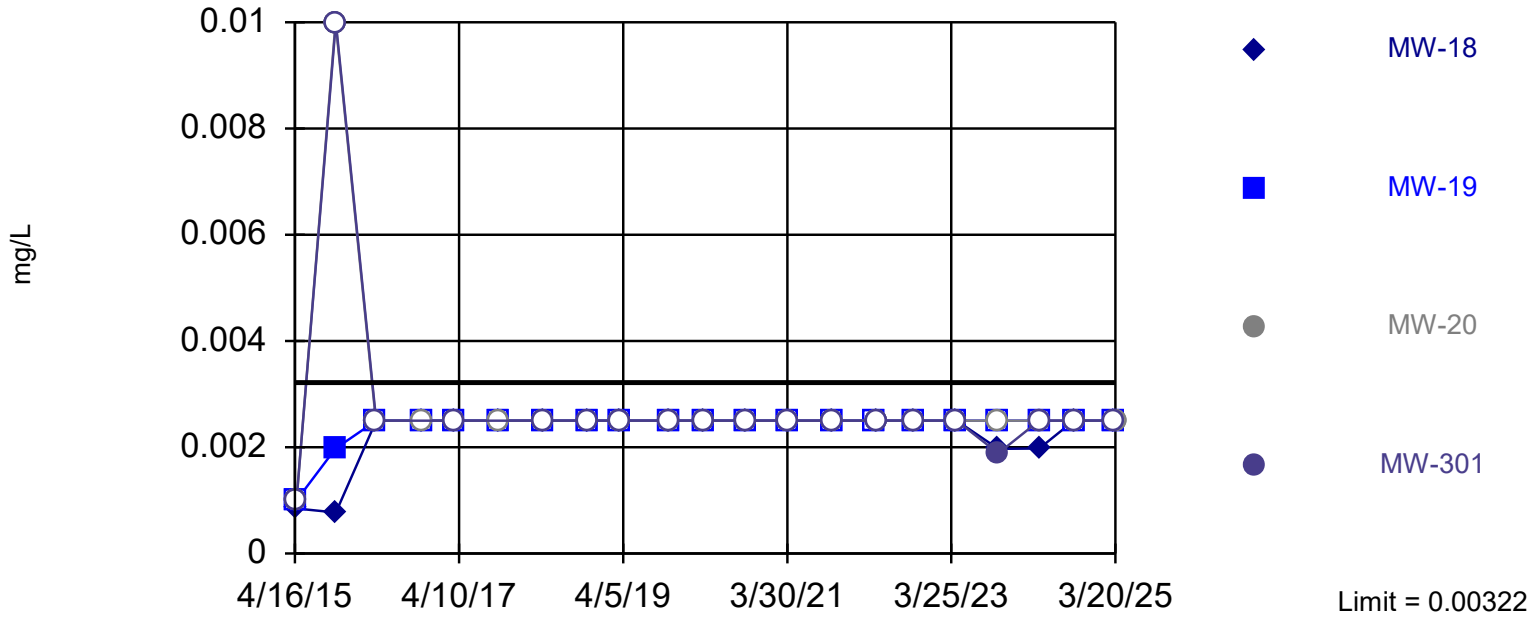
Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

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 highest of 32 background values. 78.13% NDs. Annual per-constituent alpha = 0.05063. Individual comparison alpha = 0.001622 (1 of 2).

Constituent: Copper Analysis Run 5/19/2025 7:49 AM

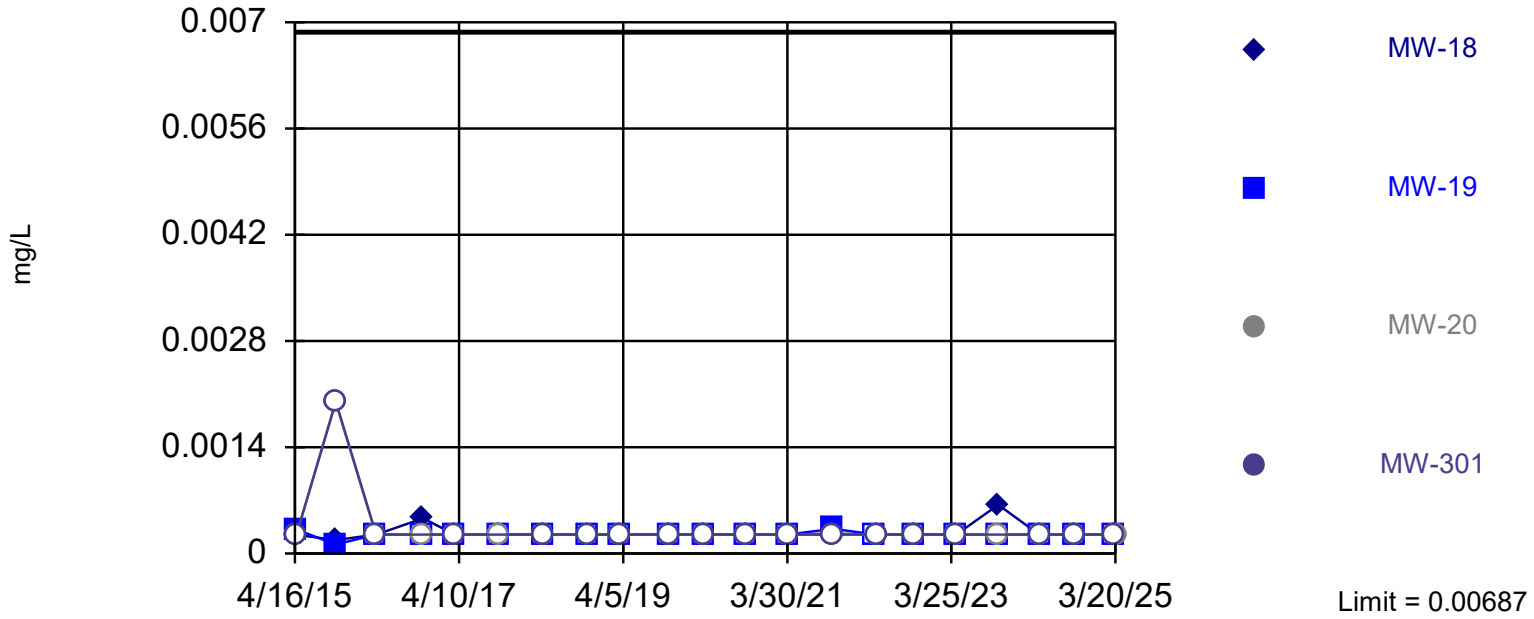
Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

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 highest of 35 background values. 62.86% NDs. Annual per-constituent alpha = 0.0429. Individual comparison alpha = 0.001369 (1 of 2).

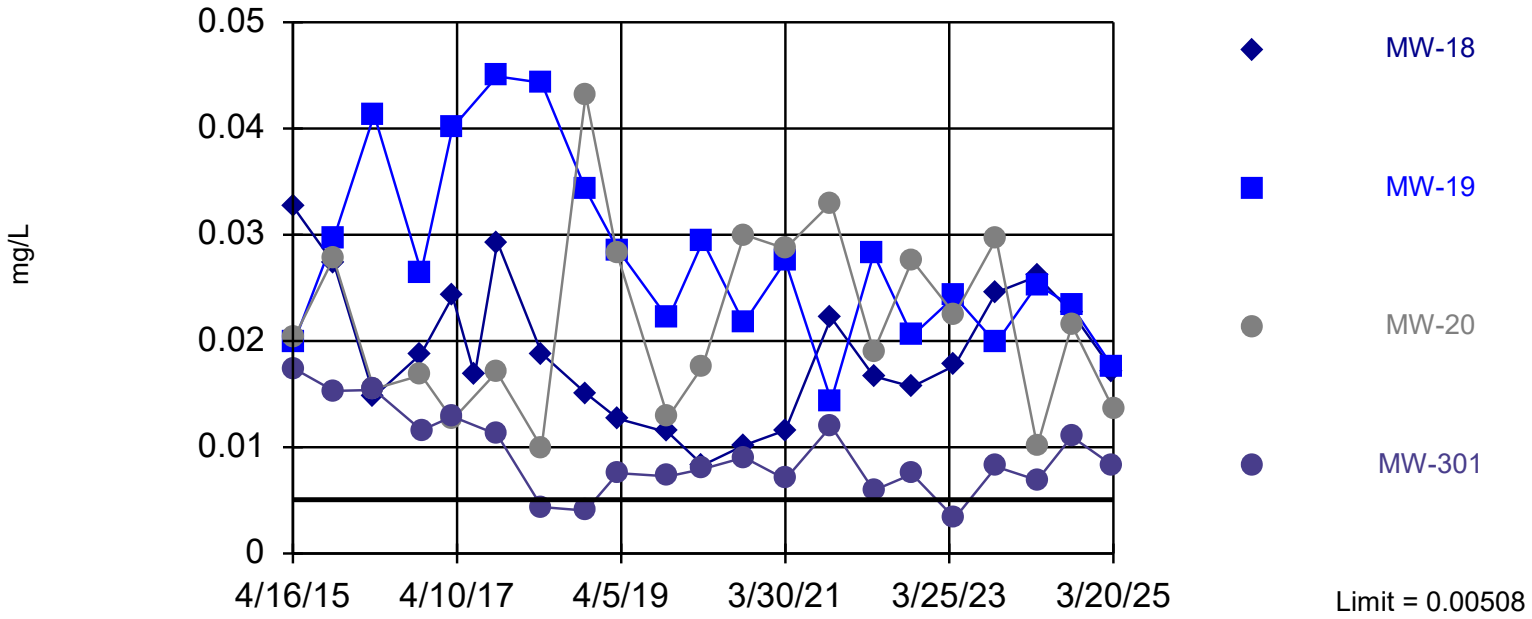
Constituent: Lead Analysis Run 5/19/2025 7:49 AM

Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

Exceeds Limit: MW-18, MW-19, MW-20, MW-301

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 highest of 33 background values. 78.79% NDs. Annual per-constituent alpha = 0.04805. Individual comparison alpha = 0.001538 (1 of 2).

Constituent: Nickel Analysis Run 5/19/2025 7:49 AM

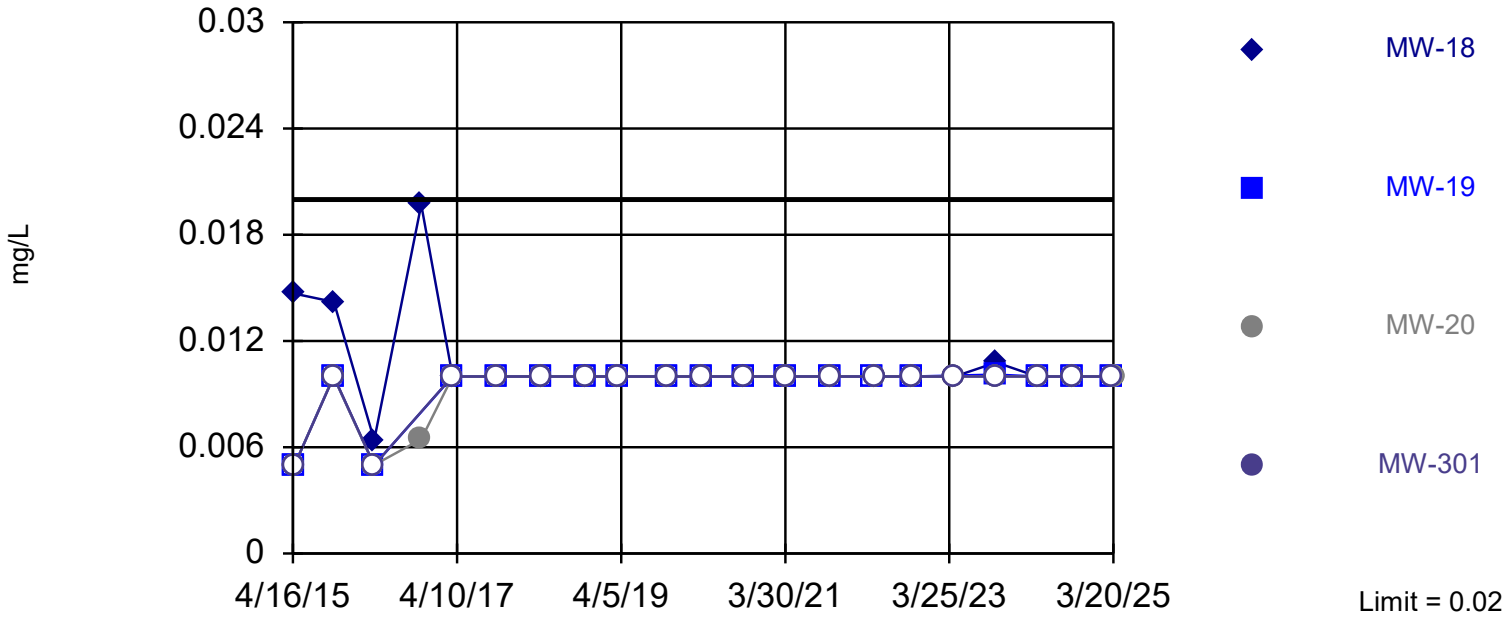
Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

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 highest of 32 background values. 90.63% NDs. Annual per-constituent alpha = 0.05063. Individual comparison alpha = 0.001622 (1 of 2).

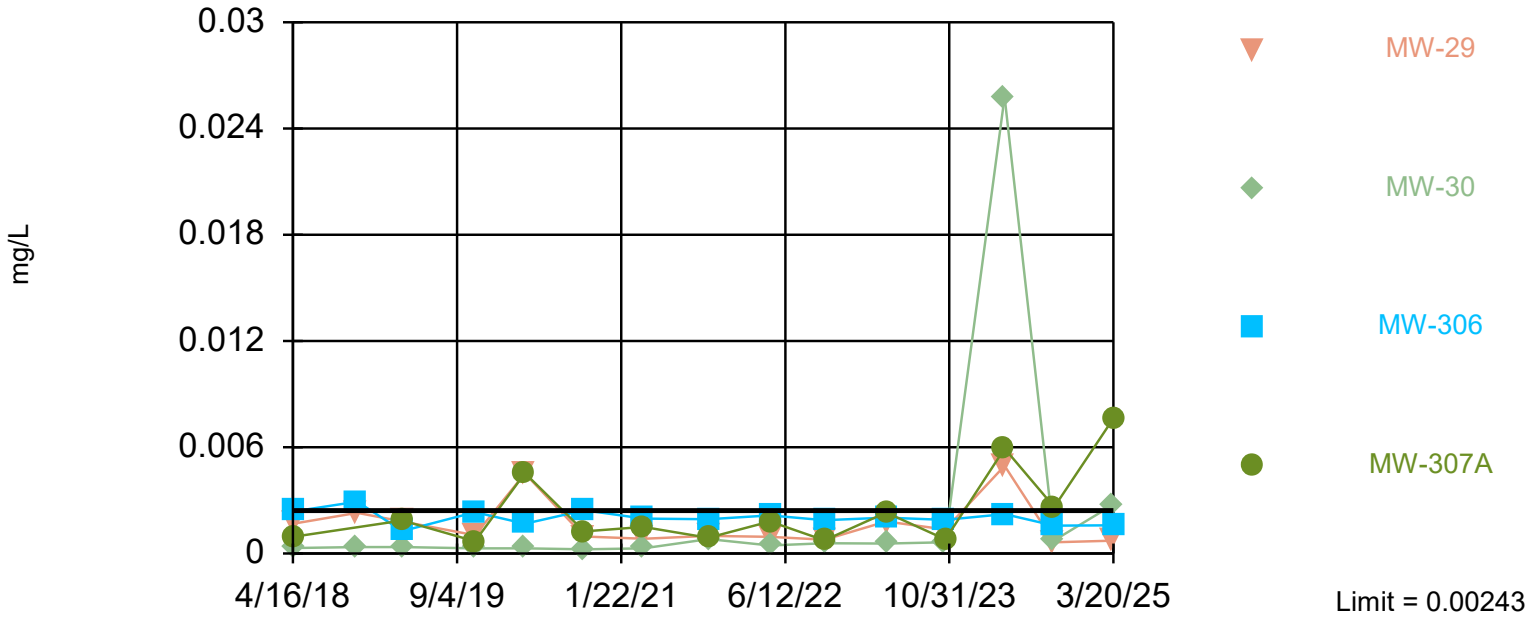
Constituent: Zinc Analysis Run 5/19/2025 7:49 AM

Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

Exceeds Limit: MW-30, MW-307A

Prediction Limit - Delineation Monitoring

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 35 background values. 22.86% NDs. Annual per-constituent alpha = 0.0429. Individual comparison alpha = 0.001369 (1 of 2).

Constituent: Cobalt Analysis Run 5/19/2025 7:51 AM

Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

Attachment 4

Sanitas Report Output for Double Quantification Rule Evaluations

Data Screening - Detection Monitoring

Analysis Run 5/19/2025 12:17 PM

Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

A listing of detects for 212 constituents in GU-1 in Mar. 2025:

-none-

Data Screening - Detection Monitoring

Analysis Run 5/19/2025 12:23 PM

Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

A listing of detects for 214 constituents in GU-L in Mar. 2025:

-none-

Data Screening - Detection Monitoring

Analysis Run 5/19/2025 12:26 PM

Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

A listing of detects for 215 constituents in GU-O in Mar. 2025:

-none-

Data Screening - Detection Monitoring

Analysis Run 5/19/2025 12:27 PM

Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

A listing of detects for 214 constituents in GU-P in Mar. 2025:

-none-

Data Screening - Detection Monitoring

Analysis Run 5/19/2025 12:30 PM

Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

A listing of detects for 212 constituents in MW-501 in Mar. 2025:

-none-

Data Screening - Assessment Monitoring

Analysis Run 5/19/2025 12:36 PM

Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

A listing of detects for 210 constituents in MW-15, MW-22, MW-24, MW-26A, MW-300, MW-302R, MW-303, MW-304R, and MW-305 in Mar. 2025:

Benzene, MW-22, 3/20/2025: 1.19 ug/L
Benzene, MW-26A, 3/18/2025: 0.51 ug/L
Cadmium, MW-303, 3/18/2025: 0.00167 mg/L

A listing of detects for 210 constituents in MW-18, MW-19, MW-20, and MW-301 in Mar. 2025:

Chlorobenzene, MW-20, 3/20/2025: 3.61 ug/L

Data Screening - Delineation Monitoring

Analysis Run 5/19/2025 12:40 PM

Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

A listing of detects for Benzene in MW-29, MW-30, MW-306, and MW-307A in Mar. 2025:

-none-

Attachment 5
Sanitas Report Output for Confidence Interval Calculations & Confidence Bands around a Trend Line

Calculation of Cobalt Upper Tolerance Limit with 95% Coverage and 95% Confidence [1]

Constituent Name	Upper Limit	Background N	Background Wells	Background Mean	Standard Deviation	% Non-detects	Non-detect Adjustment	Transformation	Alpha	Method	Minimum Achieved Coverage
Cobalt (mg/l)	0.00243	35	MW-9AR,MW-201B	n/a	n/a	23	n/a	n/a	0.1661	NP Inter(normality)	92%

[1] Note that a nonparametric tolerance limit was utilized in the background as the cobalt GWPS calculation. Since a nonparametric limit was used, the minimum achieved tolerance limit coverage is less than 95%. This implies the upper tolerance limit gives a conservative estimate as the GWPS and is lower than what would be allowed with the *Unified Guidance* (USEPA, 2009) recommendation of an upper tolerance limit with 95% coverage.

Confidence Interval

Constituent Name	Well	Upper Limit	Lower Limit	Compliance Limit [2]	Exceed [2]	N	Mean	Standard Deviation	CV	a to Achieve 50% Power at R=1.5 [3,4]	a to Achieve 80% Power at R=2.0 [3,4]	% Non-detects	Non-detect Adjustment	Transformation	Alpha	Method
Assessment Monitoring Locations																
Arsenic (mg/L)	MW-26A	0.0052	0.0010	0.01	No	19	0.0041	0.0059	1.4	0.02	<0.01	58	None	No	0.02	NP (NDs)
Barium (mg/L)	MW-22	1.09	1.02	2	No	21	1.06	0.07	0.1	<0.01	<0.01	0	None	No	0.01	Param.
Barium (mg/L)	MW-26A	0.22	0.09	2	No	18	0.20	0.19	0.9	0.02	<0.01	0	None	No	0.02	NP (normality)
Benzene (ug/L)	MW-22	1.39	1.17	5	No	21	1.28	0.21	0.2	<0.01	<0.01	0	None	No	0.01	Param.
Benzene (ug/L)	MW-26A	0.51	0.25	5	No	18	0.26	0.06	0.2	0.02	<0.01	94	None	No	0.02	NP (NDs)
Cadmium (mg/L)	MW-303	0.00080	0.00012	0.005	No	24	0.00089	0.00169	1.9	0.01	<0.01	38	None	No	0.01	NP (normality)
Cobalt (mg/L)	MW-26A	0.02920	0.00080	0.00631	No	19	0.02273	0.03633	1.6	0.02	<0.01	0	None	No	0.02	NP (normality)
Cobalt (mg/L)	MW-303	0.00960	0.00025	0.00631	No	25	0.00767	0.01304	1.7	<0.01	<0.01	0	None	No	0.01	NP (normality)
Cobalt (mg/L)	MW-304R	0.00896	0.00108	0.00631	No	24	0.00477	0.00393	0.8	0.01	<0.01	8	None	No	0.01	NP (normality)
Nickel (mg/L)	MW-15	0.008	0.006	0.1	No	23	0.007	0.002	0.3	<0.01	<0.01	0	None	No	0.01	Param.
Nickel (mg/L)	MW-22	0.035	0.032	0.1	No	20	0.034	0.003	0.1	<0.01	<0.01	0	None	No	0.01	Param.
Nickel (mg/L)	MW-24	0.043	0.030	0.1	No	23	0.037	0.013	0.3	<0.01	<0.01	0	None	No	0.01	Param.
Nickel (mg/L)	MW-26A	0.013	0.007	0.1	No	19	0.016	0.016	1.0	0.02	<0.01	0	None	No	0.02	NP (normality)
Nickel (mg/L)	MW-303	0.056	0.003	0.1	No	24	0.027	0.029	1.1	0.01	<0.01	8	None	No	0.01	NP (normality)
Corrective Action Monitoring Locations - Assessment Constituents																
Barium (mg/L)	MW-20	1.32	0.99	2	No	20	1.15	0.29	0.2	<0.01	<0.01	0	None	No	0.01	Param.
Chlorobenzene (ug/L)	MW-20	7.9	5.7	100	No	21	6.8	2.0	0.3	<0.01	<0.01	0	None	No	0.01	Param.
Nickel (mg/L)	MW-18	0.022	0.015	0.1	No	22	0.019	0.007	0.3	<0.01	<0.01	0	None	No	0.01	Param.
Nickel (mg/L)	MW-19	0.033	0.023	0.1	No	21	0.028	0.009	0.3	<0.01	<0.01	0	None	No	0.01	Param.
Nickel (mg/L)	MW-20	0.027	0.017	0.1	No	21	0.022	0.009	0.4	<0.01	<0.01	0	None	No	0.01	Param.
Nickel (mg/L)	MW-301	0.011	0.007	0.1	No	21	0.009	0.004	0.4	<0.01	<0.01	0	None	No	0.01	Param.
Delineation Monitoring Locations																
Cobalt (mg/L)	MW-30	0.00074	0.00030	0.00631	No	15	0.00230	0.00653	2.8	0.03	<0.01	0	None	No	0.03	NP (normality)
Cobalt (mg/L)	MW-307A	0.00263	0.00089	0.00631	No	14	0.00240	0.00215	0.9	0.04	<0.01	0	None	No	0.04	NP (normality)
Corrective Action Monitoring Locations - Corrective Action Constituents																
Benzene (ug/L)	MW-20	Evaluated with Linear Regression Confidence Band Testing Method. Significant Decreasing Trend in Data since Apr. 2015.														
Cobalt (mg/L)	MW-18	Evaluated with Linear Regression Confidence Band Testing Method. Significant Decreasing Trend in Data since Apr. 2015.														
Cobalt (mg/L)	MW-19	0.01459	0.01261	0.00243	Yes	21	0.01360	0.00342	0.3	N/A	N/A	0	None	No	0.1	Param.
Cobalt (mg/L)	MW-20	0.00438	0.00365	0.00631	No	21	0.00402	0.00127	0.3	N/A	N/A	0	None	No	0.1	Param.
Cobalt (mg/L)	MW-301	Evaluated with Linear Regression Confidence Band Testing Method. Significant Decreasing Trend in Data since Apr. 2015.														

[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 cobalt. Two site-specific background GWPS values are utilized for cobalt depending on the geologic formation of the screened interval and location of the monitoring well, which is further discussed in the Spring 2025 Statistical Evaluation memo.

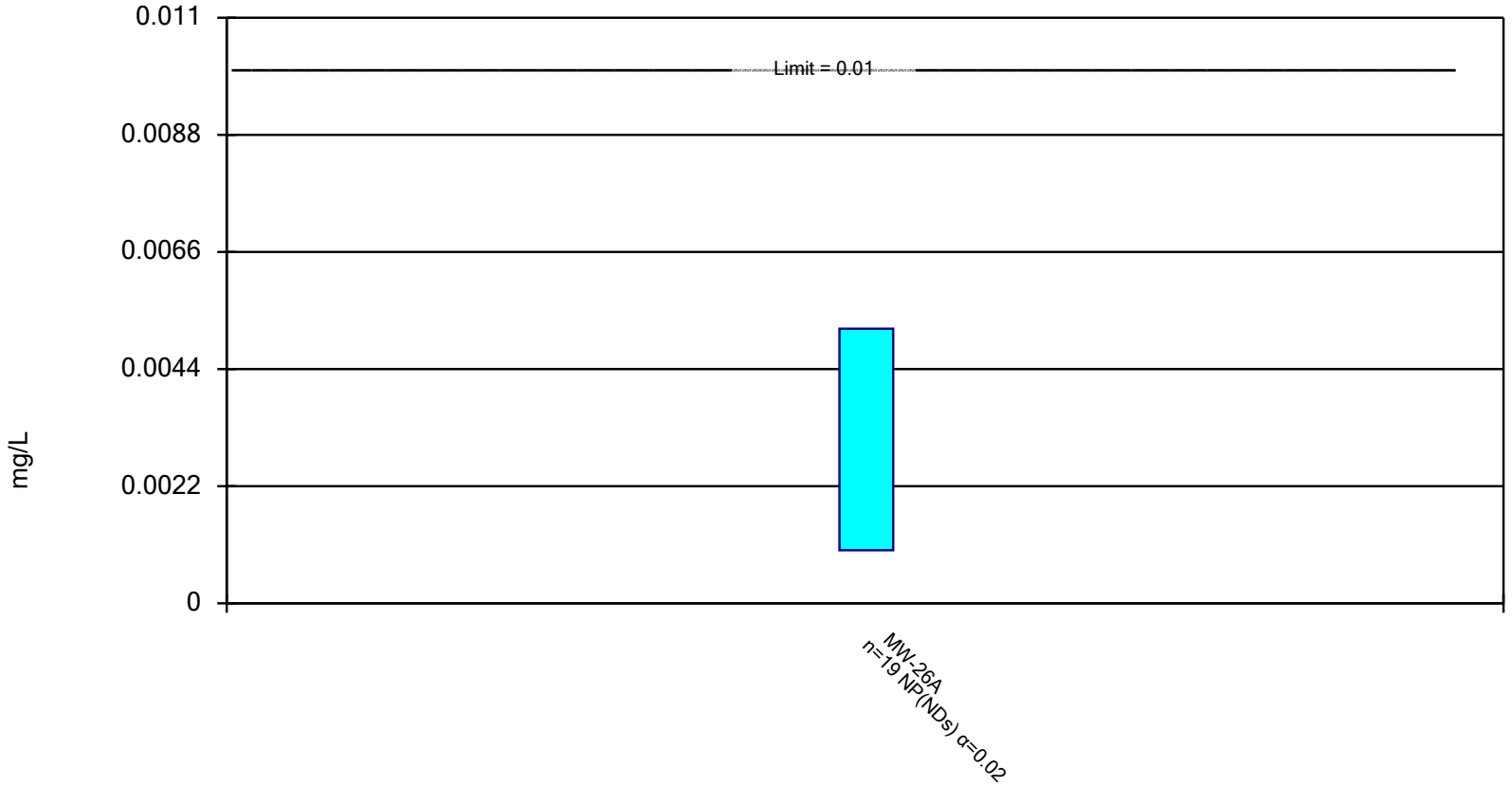
[2] Under assessment mode, an SSL is indicated when the lower confidence limit exceeds the groundwater protection standard (compliance limit).
Under corrective action mode, an SSL is rejected when the upper confidence limit lies below the groundwater protection standard (compliance limit).

[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.

Non-Parametric Confidence Interval

Compliance Limit is not exceeded.

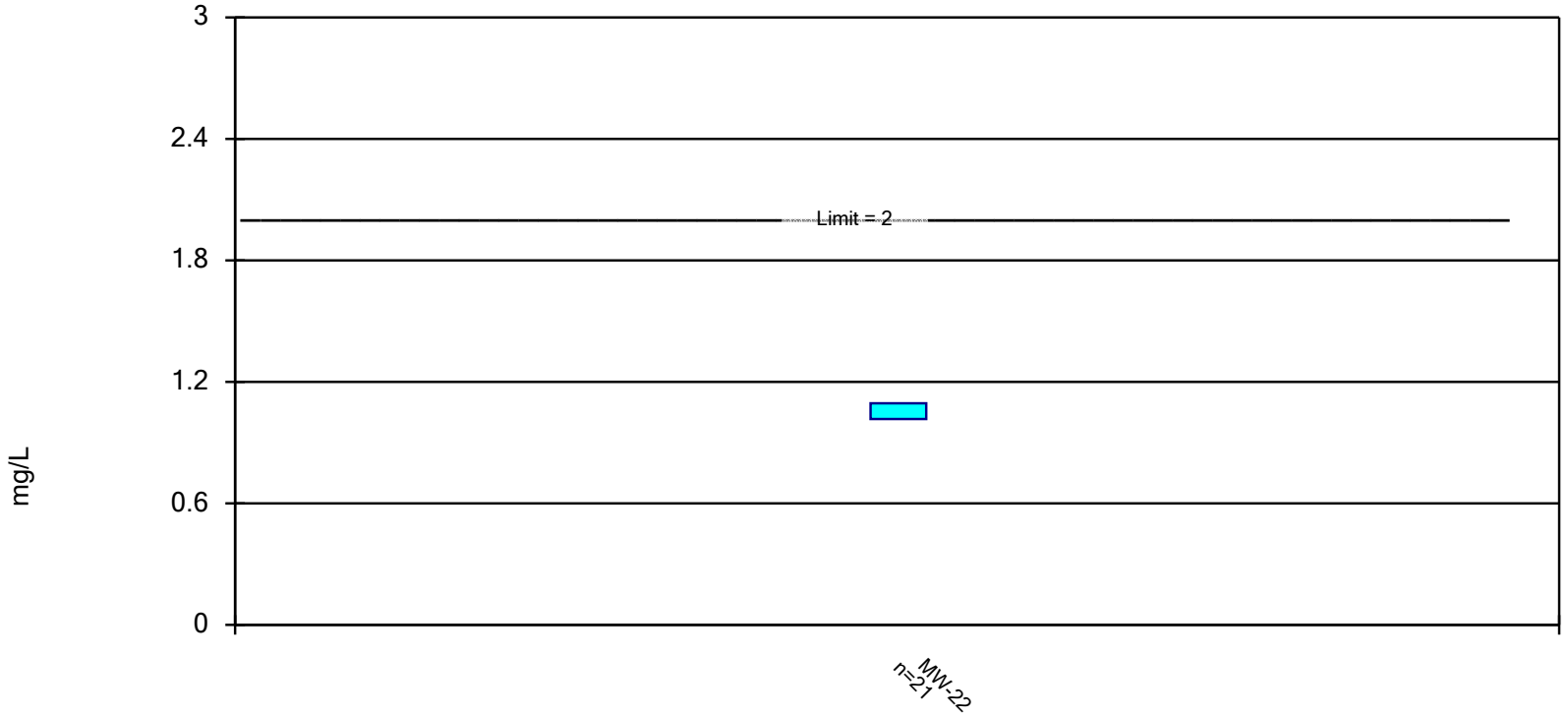


Constituent: Arsenic Analysis Run 5/20/2025 1:13 PM

Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

Parametric Confidence Interval - Assessment Monitoring

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

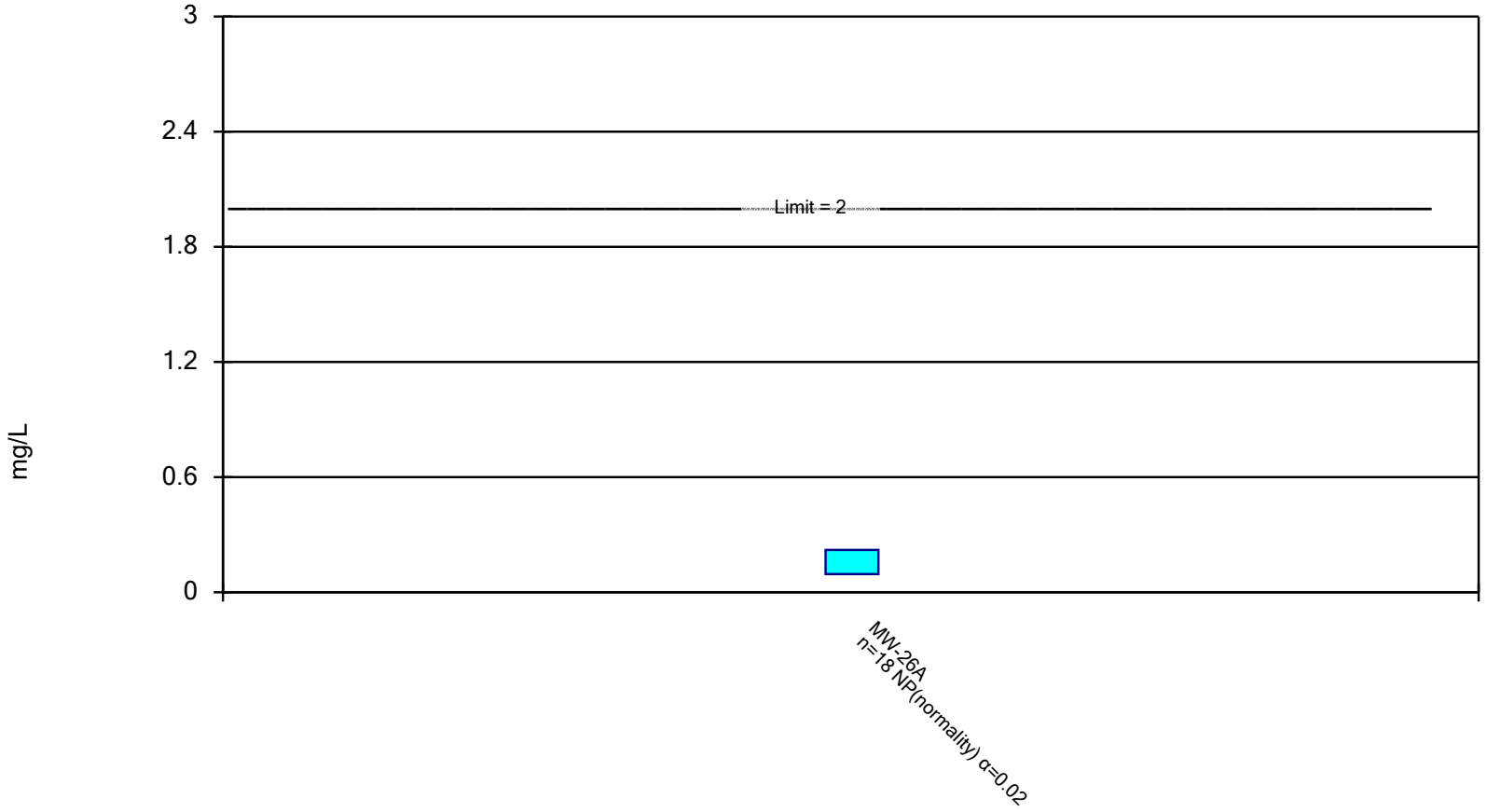


Constituent: Barium Analysis Run 5/20/2025 1:28 PM

Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

Non-Parametric Confidence Interval - Assessment Monitoring

Compliance Limit is not exceeded.

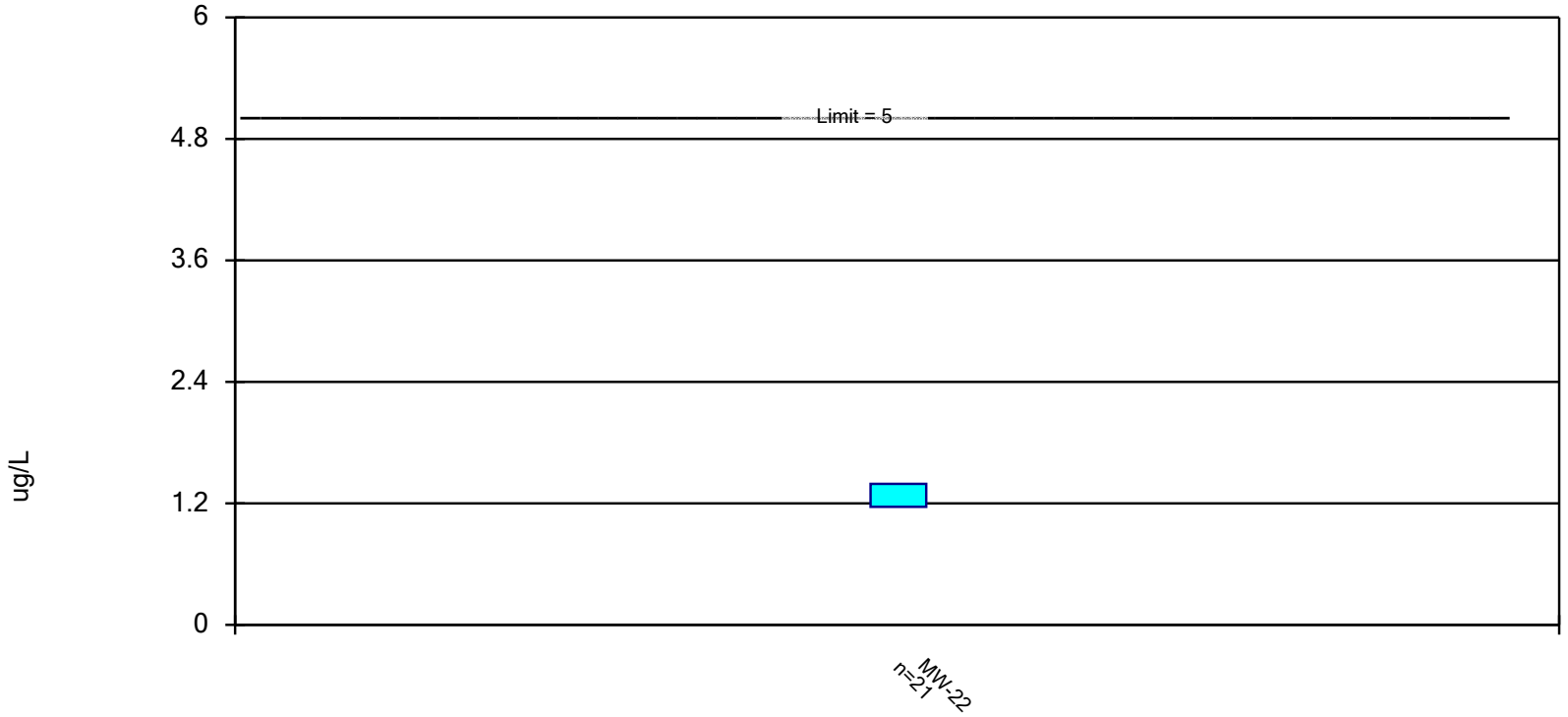


Constituent: Barium Analysis Run 5/202025 1:13 PM

Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

Parametric Confidence Interval - Assessment Monitoring

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

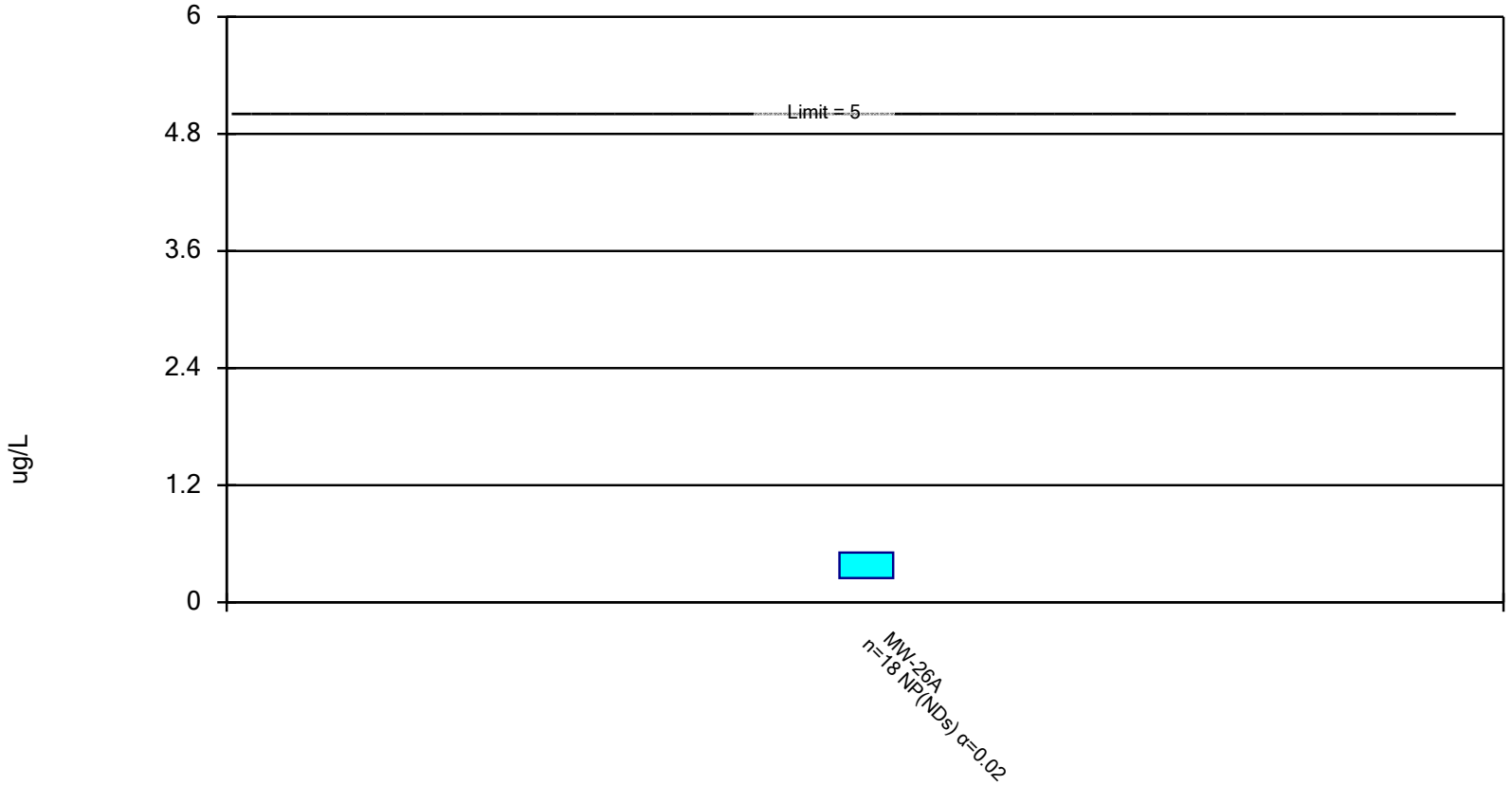


Constituent: Benzene Analysis Run 5/20/2025 1:28 PM

Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

Non-Parametric Confidence Interval - Assessment Monitoring

Compliance Limit is not exceeded.

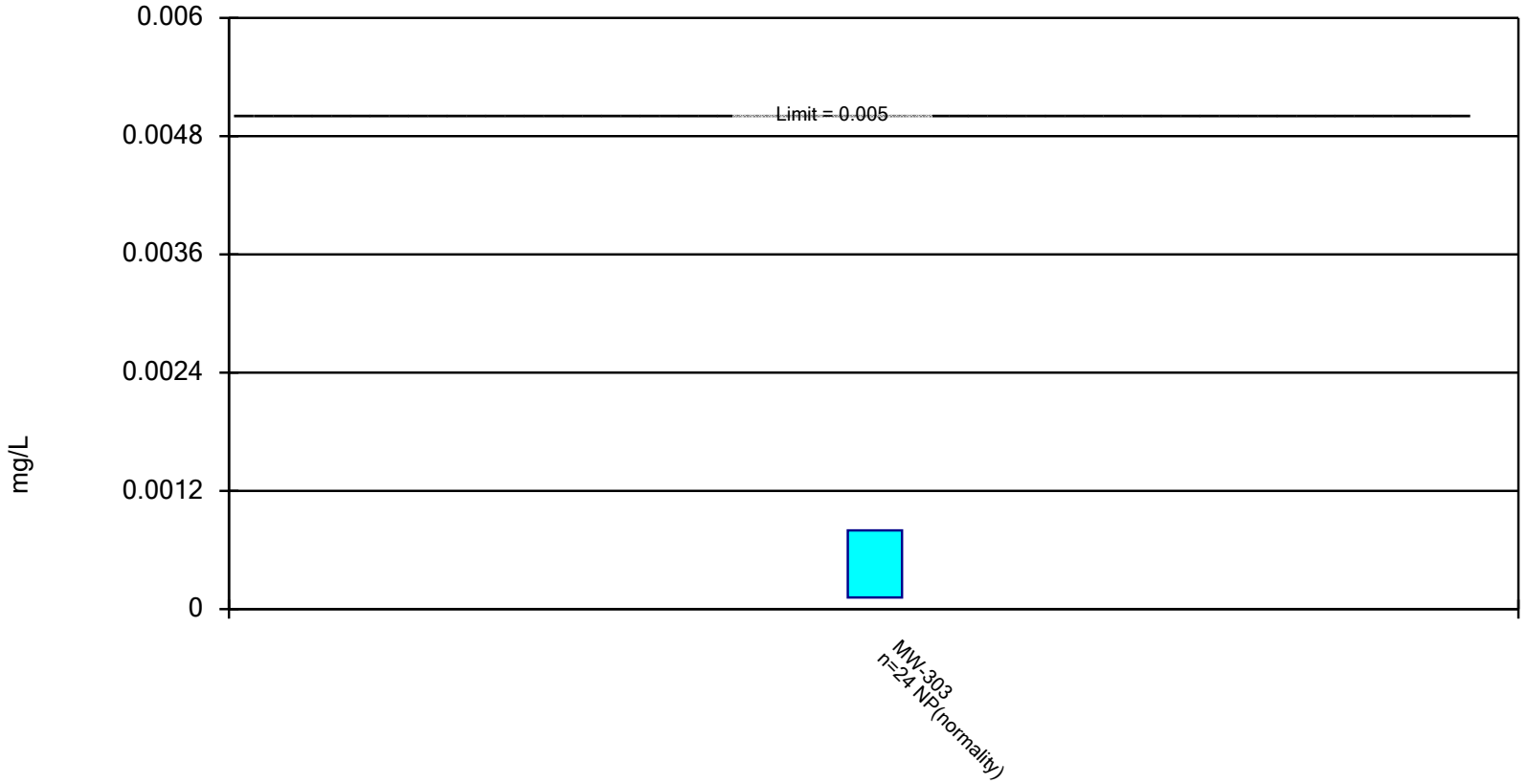


Constituent: Benzene Analysis Run 5/20/2025 1:13 PM

Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

Non-Parametric Confidence Interval - Assessment Monitoring

Compliance Limit is not exceeded. Per-well alpha = 0.01.

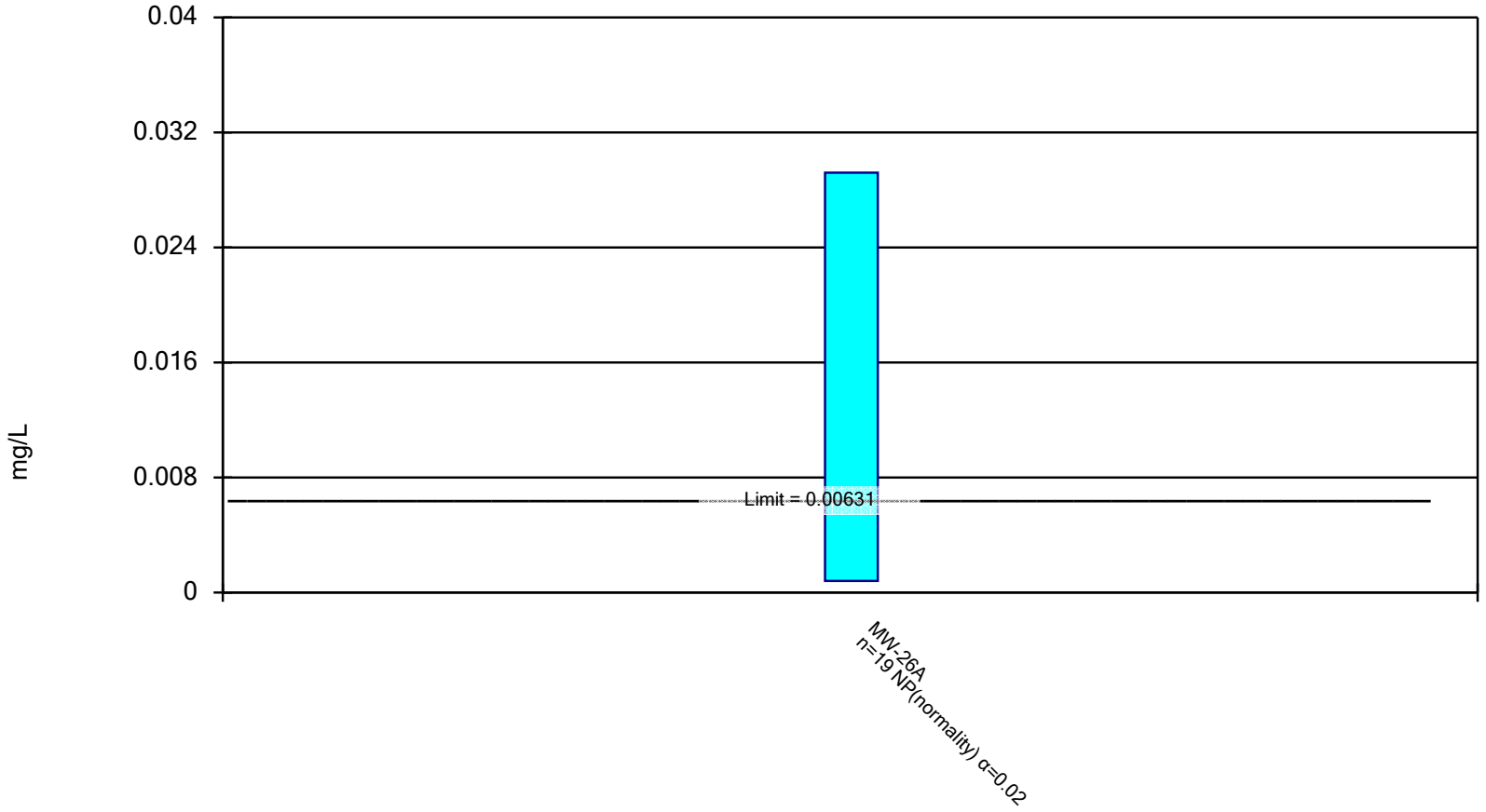


Constituent: Cadmium Analysis Run 5/202025 1:28 PM

Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

Non-Parametric Confidence Interval - Assessment Monitoring

Compliance Limit is not exceeded.

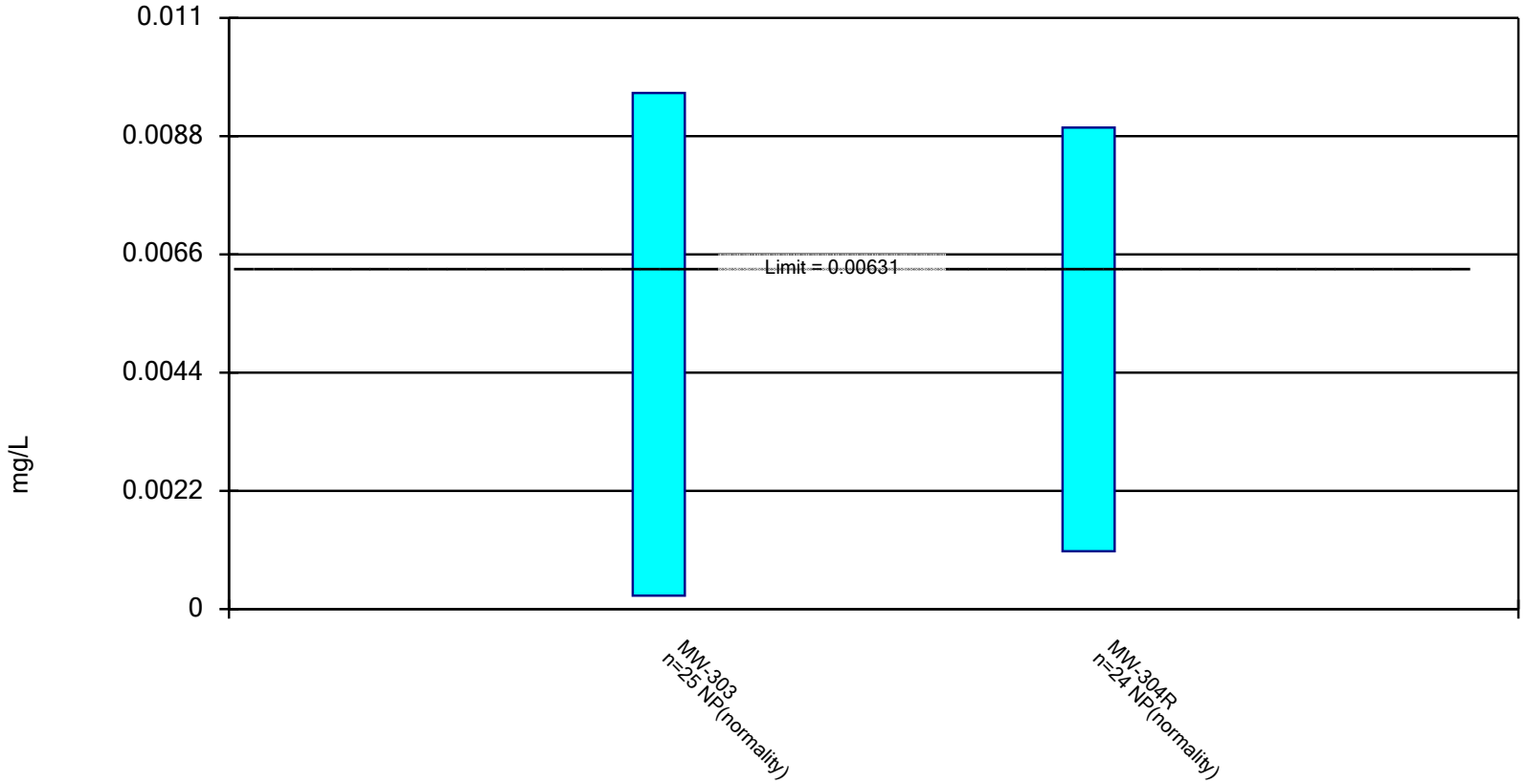


Constituent: Cobalt Analysis Run 5/20/2025 1:13 PM

Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

Non-Parametric Confidence Interval - Assessment Monitoring

Compliance Limit is not exceeded. Per-well alpha = 0.01.

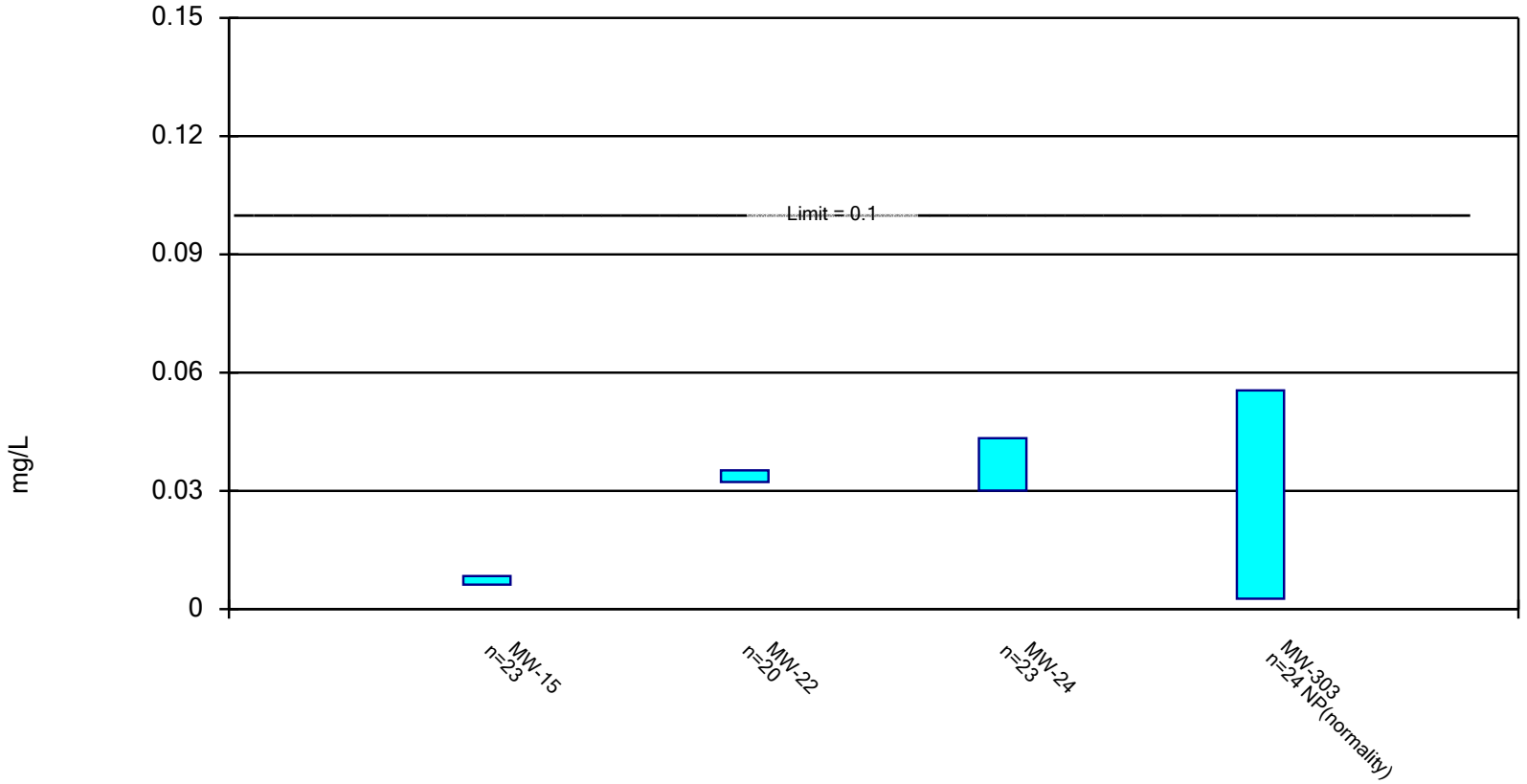


Constituent: Cobalt Analysis Run 5/20/2025 1:28 PM

Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

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.

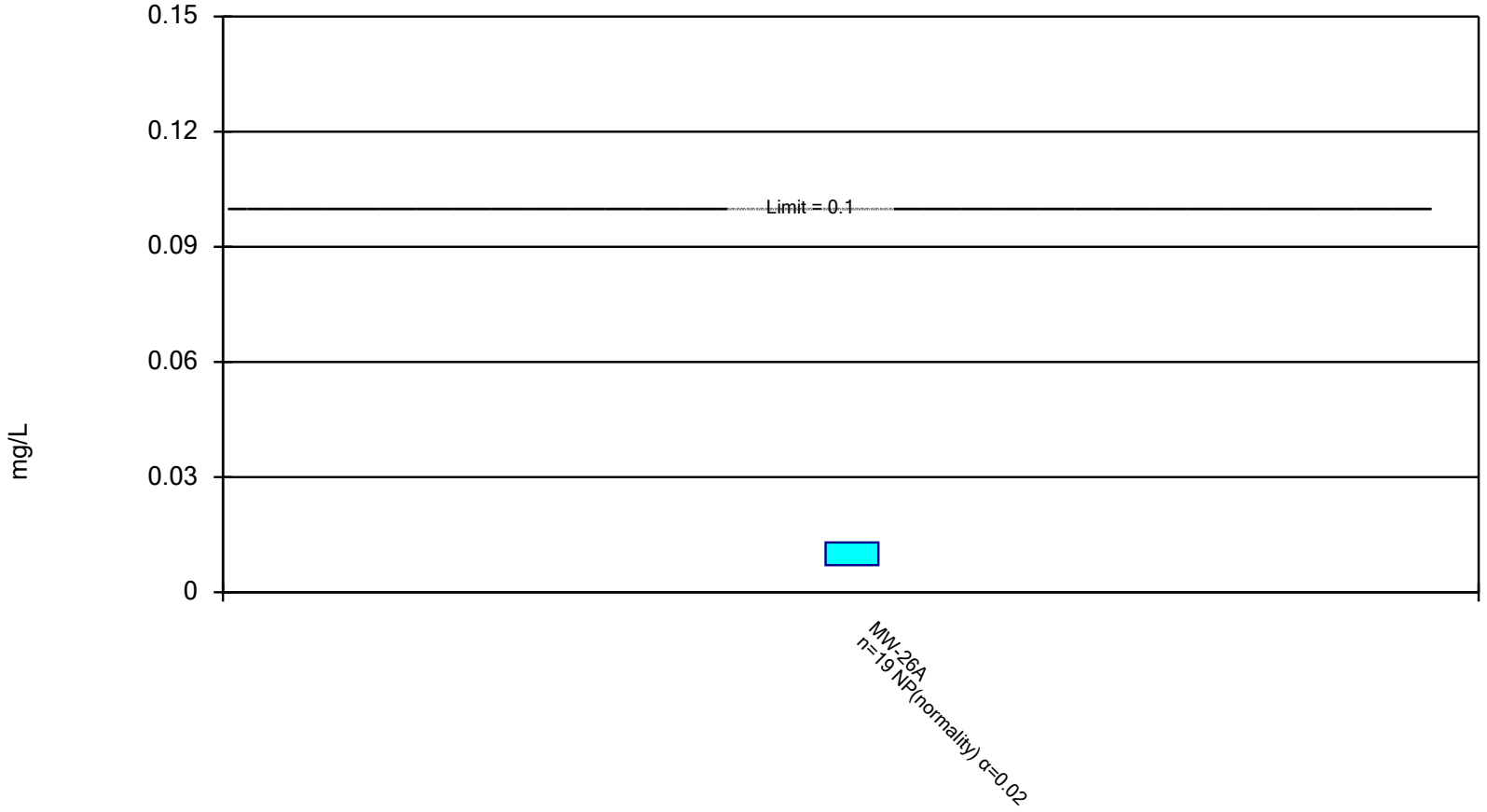


Constituent: Nickel Analysis Run 5/20/2025 1:28 PM

Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

Non-Parametric Confidence Interval - Assessment Monitoring

Compliance Limit is not exceeded.

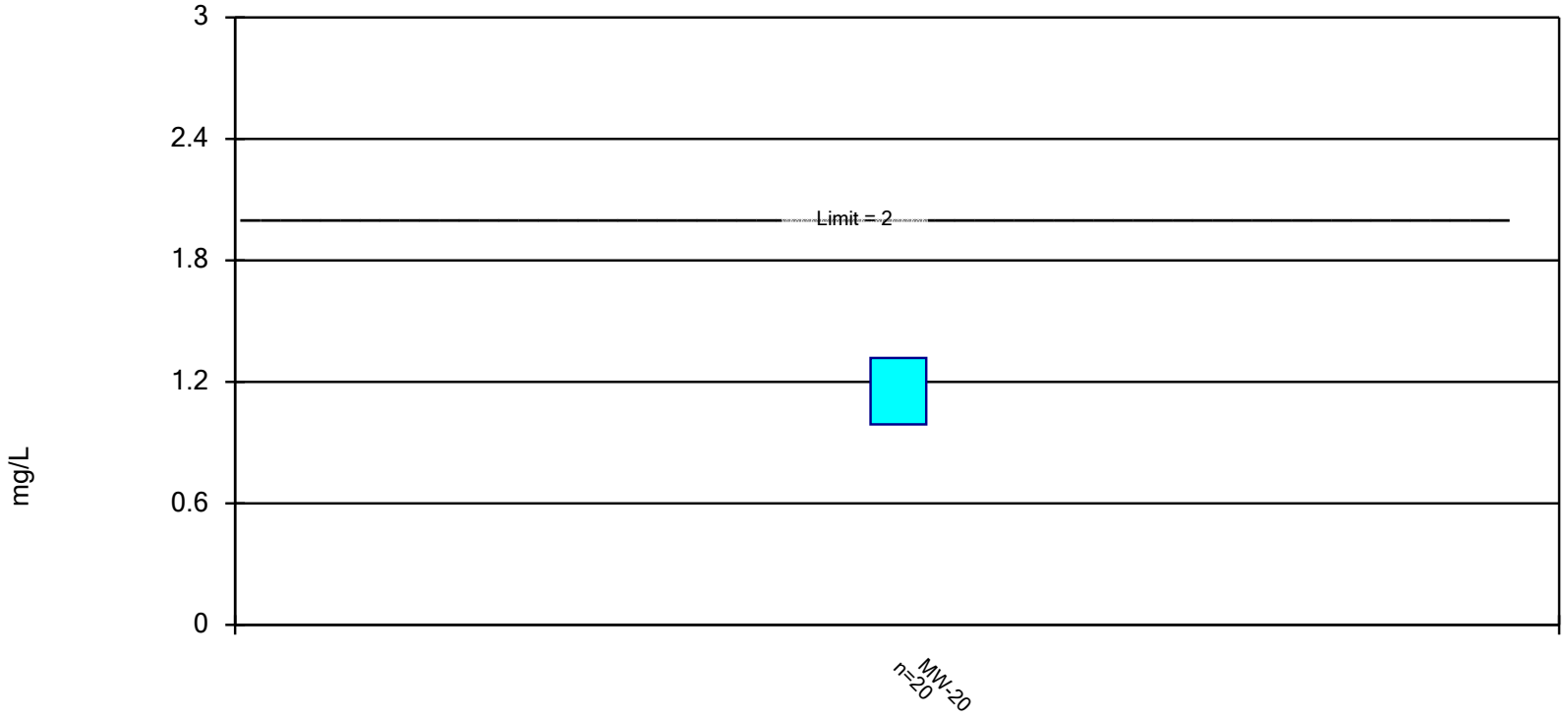


Constituent: Nickel Analysis Run 5/20/2025 1:14 PM

Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical 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.

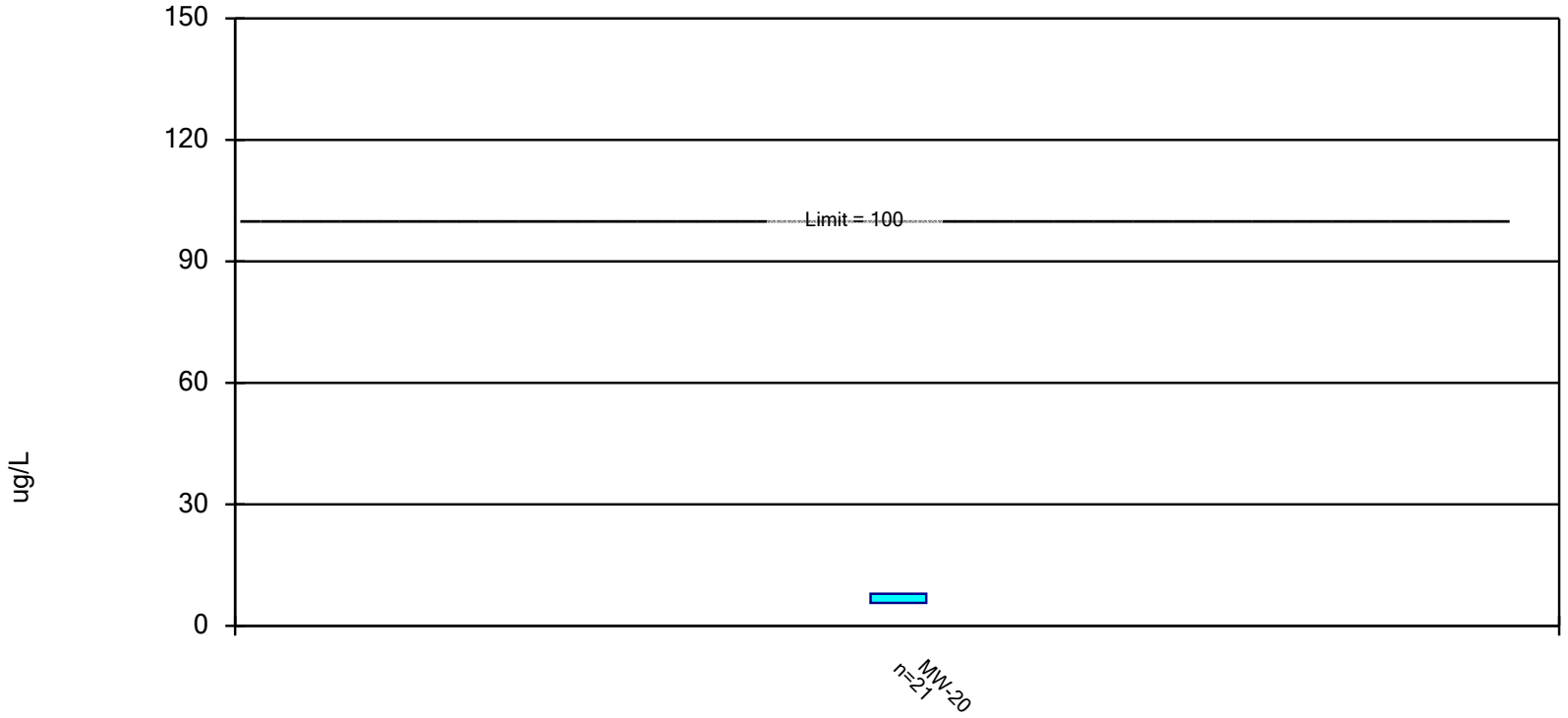


Constituent: Barium Analysis Run 5/20/2025 1:30 PM

Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical 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.

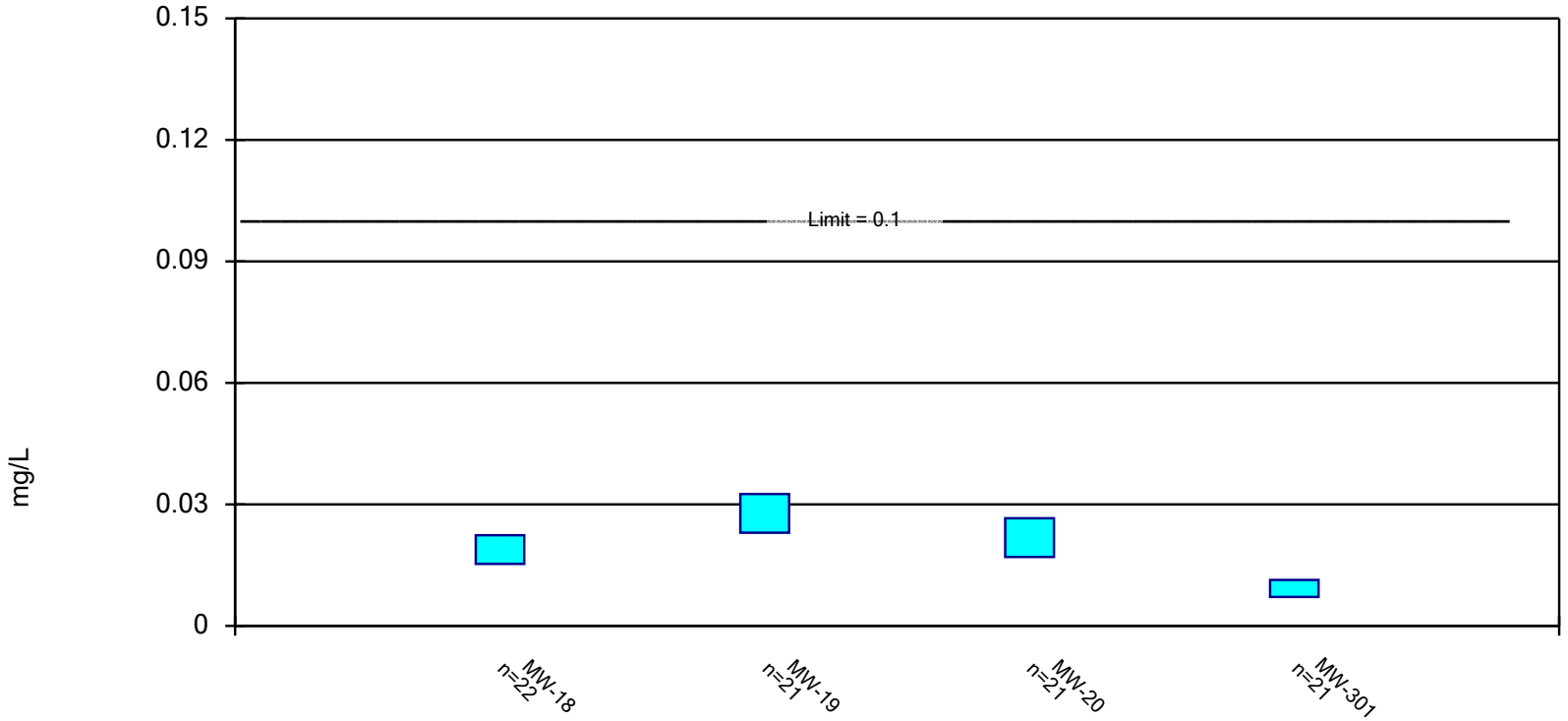


Constituent: Chlorobenzene Analysis Run 5/20/2025 1:30 PM

Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical 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.

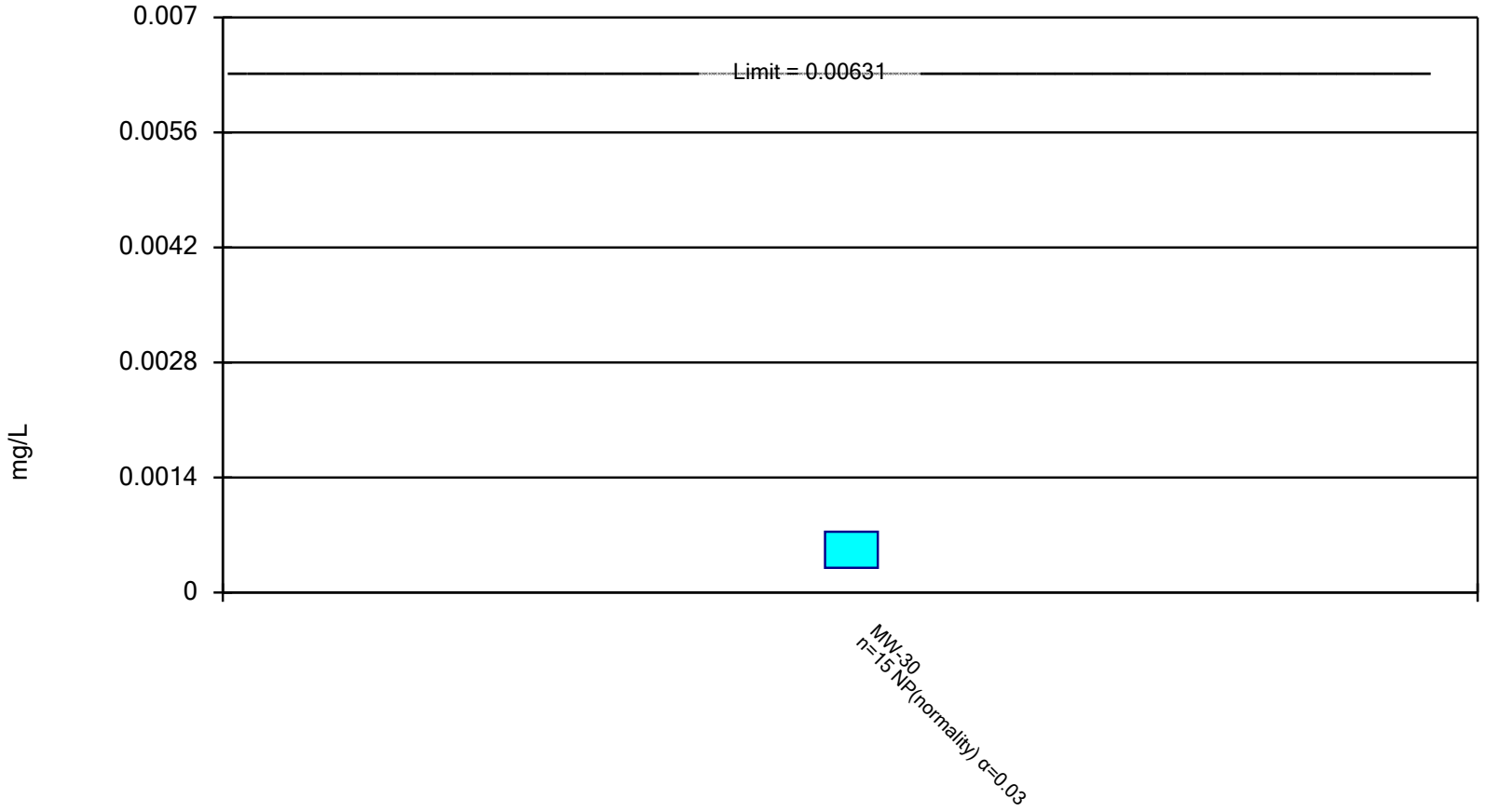


Constituent: Nickel Analysis Run 5/20/2025 1:30 PM

Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

Non-Parametric Confidence Interval - Delineation Monitoring

Compliance Limit is not exceeded.

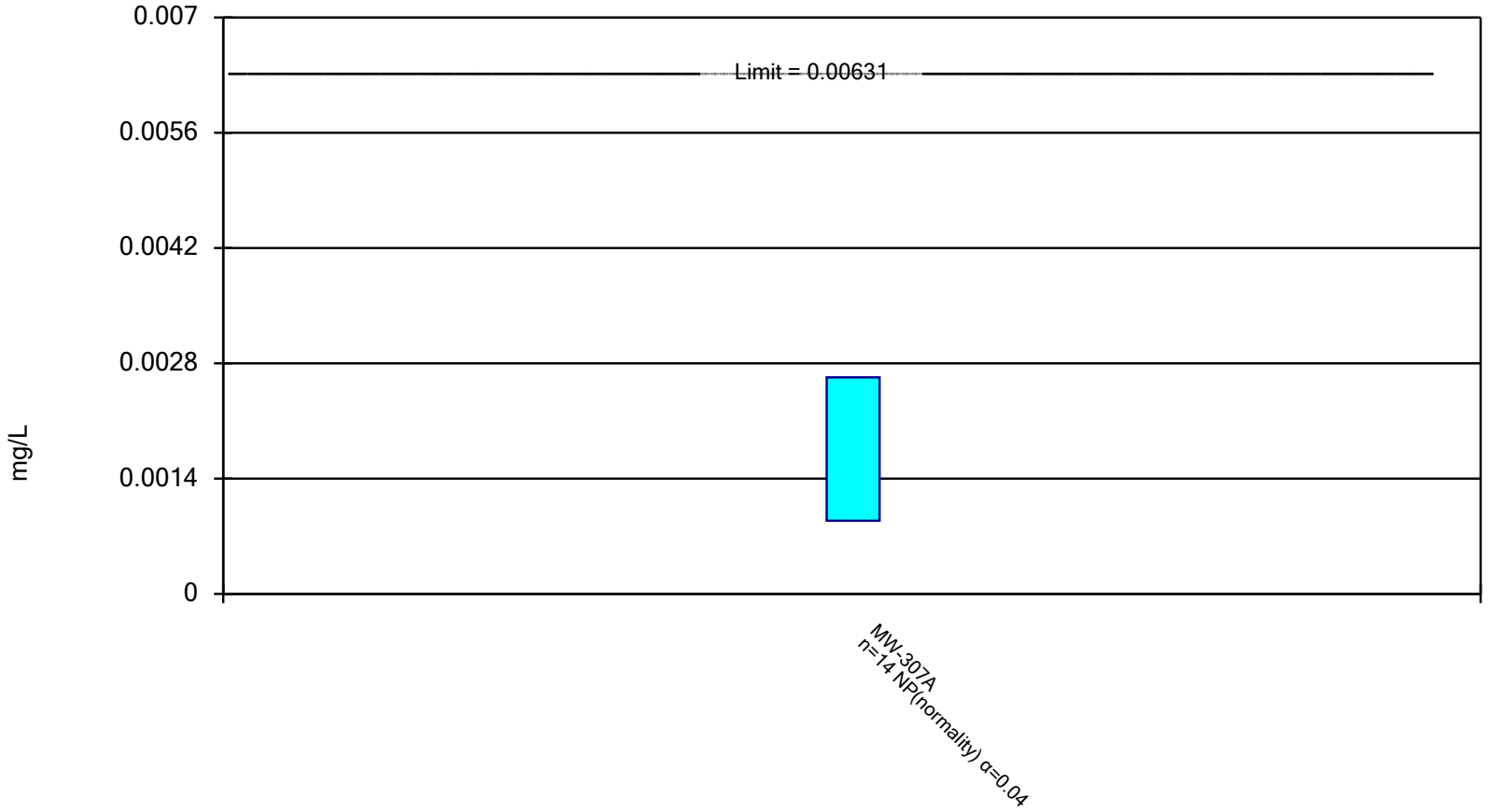


Constituent: Cobalt Analysis Run 5/20/2025 2:18 PM

Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

Non-Parametric Confidence Interval - Delineation Monitoring

Compliance Limit is not exceeded.



Constituent: Cobalt Analysis Run 5/20/2025 2:19 PM

Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

MW-20 Benzene Regression Analysis

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.610205919
R Square	0.372351264
Adjusted R Square	0.33931712
Standard Error	0.22200849
Observations	21

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	0.555557405	0.5555574	11.271709	0.003308584
Residual	19	0.936467623	0.0492878		
Total	20	1.492025028			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	8.061580654	1.930195155	4.1765625	0.000512	4.021635765	12.10152554	4.021635765	12.10152554
X Variable 1	-0.00014746	4.39227E-05	-3.357337	0.0033086	-0.000239394	-5.5532E-05	-0.00023939	-5.5532E-05

X	Y	ln(Y)	Predicted-Log Scale	Predicted	Upper 95% CL	Lower 95% CL	Upper 95% PL	Lower 95% PL
4/23/2015	6.33	1.85	1.85	6.37	7.48	5.42	9.65	4.20
10/12/2015	5.36	1.68	1.83	6.21	7.21	5.34	9.37	4.11
4/7/2016	5.36	1.68	1.80	6.05	6.95	5.26	9.09	4.02
11/3/2016	4.96	1.60	1.77	5.86	6.65	5.16	8.78	3.91
3/22/2017	5.78	1.75	1.75	5.74	6.47	5.10	8.58	3.84
10/3/2017	4.3	1.46	1.72	5.58	6.22	5.00	8.32	3.74
4/19/2018	5.01	1.61	1.69	5.42	5.99	4.90	8.06	3.64
10/31/2018	6.4	1.86	1.66	5.27	5.78	4.80	7.81	3.55
3/18/2019	5.77	1.75	1.64	5.16	5.64	4.72	7.65	3.48
10/29/2019	6.47	1.87	1.61	4.99	5.43	4.59	7.39	3.37
3/30/2020	6.98	1.94	1.58	4.88	5.31	4.49	7.23	3.29
9/30/2020	5.51	1.71	1.56	4.75	5.17	4.36	7.04	3.21
3/31/2021	6.12	1.81	1.53	4.62	5.05	4.23	6.85	3.12
10/19/2021	5.7	1.74	1.50	4.49	4.93	4.09	6.66	3.02
4/26/2022	5.34	1.68	1.47	4.36	4.83	3.94	6.49	2.93
10/12/2022	3.09	1.13	1.45	4.26	4.75	3.82	6.34	2.86
4/19/2023	2.71	1.00	1.42	4.14	4.66	3.68	6.19	2.77
10/19/2023	3.66	1.30	1.39	4.03	4.58	3.54	6.04	2.69
4/18/2024	3.47	1.24	1.37	3.92	4.51	3.41	5.90	2.61
9/17/2024	3.2	1.16	1.34	3.84	4.45	3.31	5.79	2.54
3/20/2025	4.21	1.44	1.32	3.73	4.38	3.18	5.66	2.46

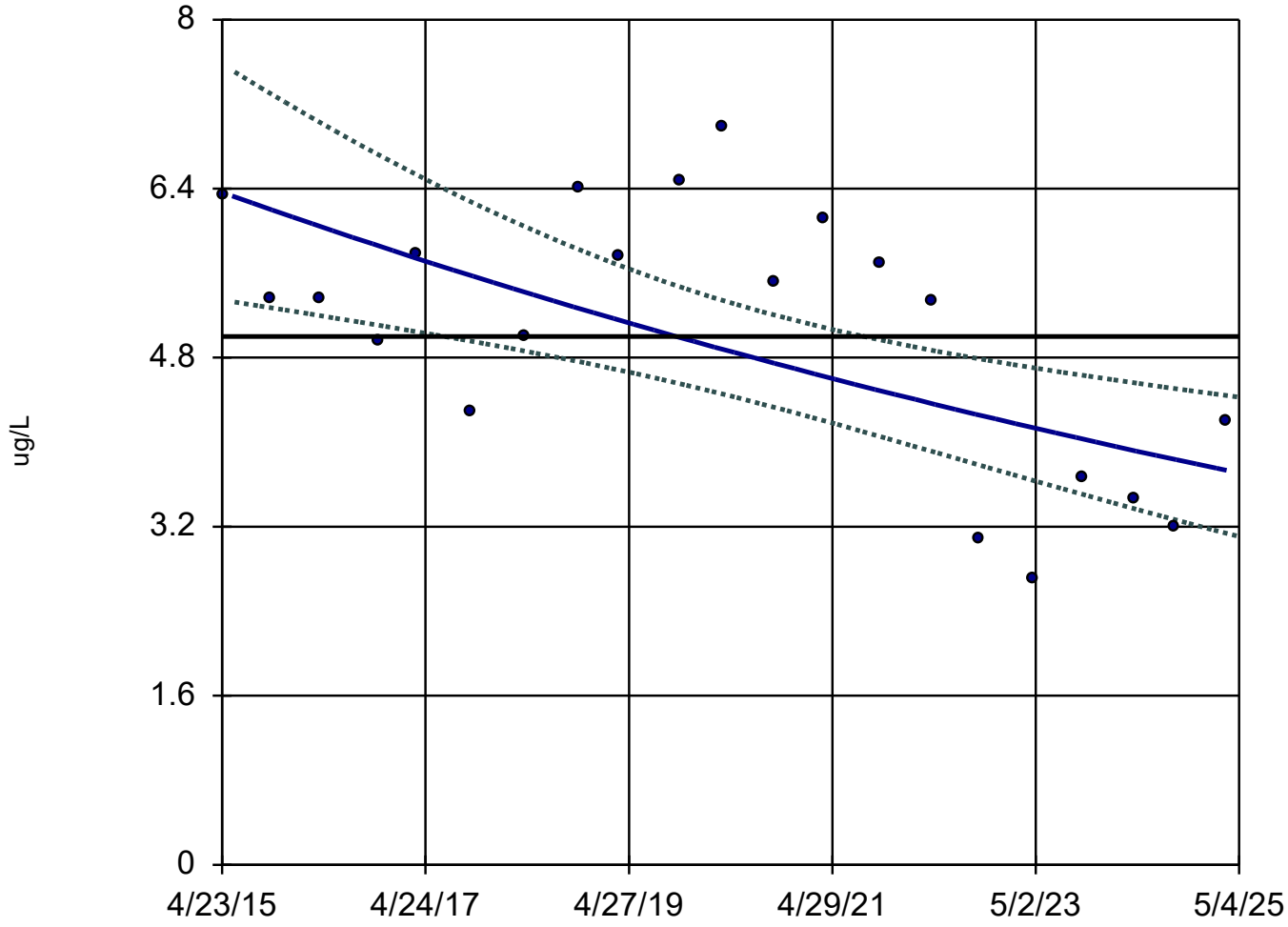
GWPS = 5 mg/L

First Achieved Compliance with the GWPS
Fall 2024

Projected Year to Completion
Spring 2027

Linear Regression and 90% Confidence Band

MW-20



n = 21

Slope = -0.05386
natural log units/year.

alpha = 0.02
t = -3.356
critical = -2.205

Significant decreasing trend.

Normality test on residuals:
Shapiro Wilk @alpha
= 0.01, calculated
= 0.9668 after natural
log transformation,
critical = 0.873.

GWPS = 5.

Constituent: Benzene Analysis Run 5/21/2025 7:35 AM

Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

MW-18 Cobalt Regression Analysis

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.657681507
R Square	0.432544964
Adjusted R Square	0.404172212
Standard Error	0.59671236
Observations	22

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	5.428250347	5.4282503	15.245083	0.000879485
Residual	20	7.121312815	0.3560656		
Total	21	12.54956316			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	14.85844083	5.08459414	2.9222472	0.0084247	4.252163315	25.46471835	4.252163315	25.46471835
X Variable 1	-0.00045224	0.000115826	-3.904495	0.0008795	-0.000693851	-0.000210633	-0.00069385	-0.000210633

X	Y	ln(Y)	Predicted-Log Scale	Predicted	Upper 95% CL	Lower 95% CL	Upper 95% PL	Lower 95% PL
4/16/2015	0.0152	-4.18646	-4.18547	0.01522	0.02309	0.01003	0.04619	0.00501
10/13/2015	0.0246	-3.70501	-4.26687	0.01403	0.02065	0.00953	0.04211	0.00467
4/9/2016	0.067	-2.70306	-4.34783	0.01293	0.01850	0.00904	0.03846	0.00435
11/2/2016	0.0179	-4.02295	-4.44144	0.01178	0.01632	0.00850	0.03467	0.00400
3/22/2017	0.00817	-4.80729	-4.50475	0.01106	0.01502	0.00814	0.03235	0.00378
6/27/2017	0.00746	-4.89820	-4.54862	0.01058	0.01418	0.00789	0.03085	0.00363
10/5/2017	0.00987	-4.61826	-4.59384	0.01011	0.01338	0.00764	0.02939	0.00348
4/20/2018	0.00657	-5.02524	-4.68294	0.00925	0.01197	0.00715	0.02673	0.00320
10/31/2018	0.00612	-5.09619	-4.77067	0.00847	0.01077	0.00667	0.02438	0.00295
3/22/2019	0.0051	-5.27851	-4.83489	0.00795	0.01000	0.00632	0.02281	0.00277
10/30/2019	0.00407	-5.50411	-4.93529	0.00719	0.00896	0.00577	0.02059	0.00251
3/21/2020	0.00271	-5.91081	-4.99996	0.00674	0.00839	0.00541	0.01930	0.00235
9/30/2020	0.00362	-5.62128	-5.08724	0.00618	0.00772	0.00494	0.01770	0.00215
3/31/2021	0.00338	-5.68988	-5.16955	0.00569	0.00718	0.00450	0.01634	0.00198
10/19/2021	0.00591	-5.13111	-5.26090	0.00519	0.00667	0.00404	0.01497	0.00180
4/26/2022	0.00446	-5.41261	-5.34638	0.00477	0.00625	0.00364	0.01381	0.00164
10/12/2022	0.00496	-5.30635	-5.42280	0.00441	0.00591	0.00330	0.01287	0.00151
4/19/2023	0.00255	-5.97166	-5.50828	0.00405	0.00557	0.00295	0.01190	0.00138
10/19/2023	0.0071	-4.94766	-5.59104	0.00373	0.00527	0.00264	0.01105	0.00126
4/18/2024	0.00346	-5.66649	-5.67335	0.00344	0.00499	0.00236	0.01027	0.00115
9/17/2024	0.00709	-4.94907	-5.74209	0.00321	0.00478	0.00215	0.00967	0.00106
3/18/2025	0.00506	-5.28639	-5.82440	0.00295	0.00454	0.00192	0.00901	0.00097

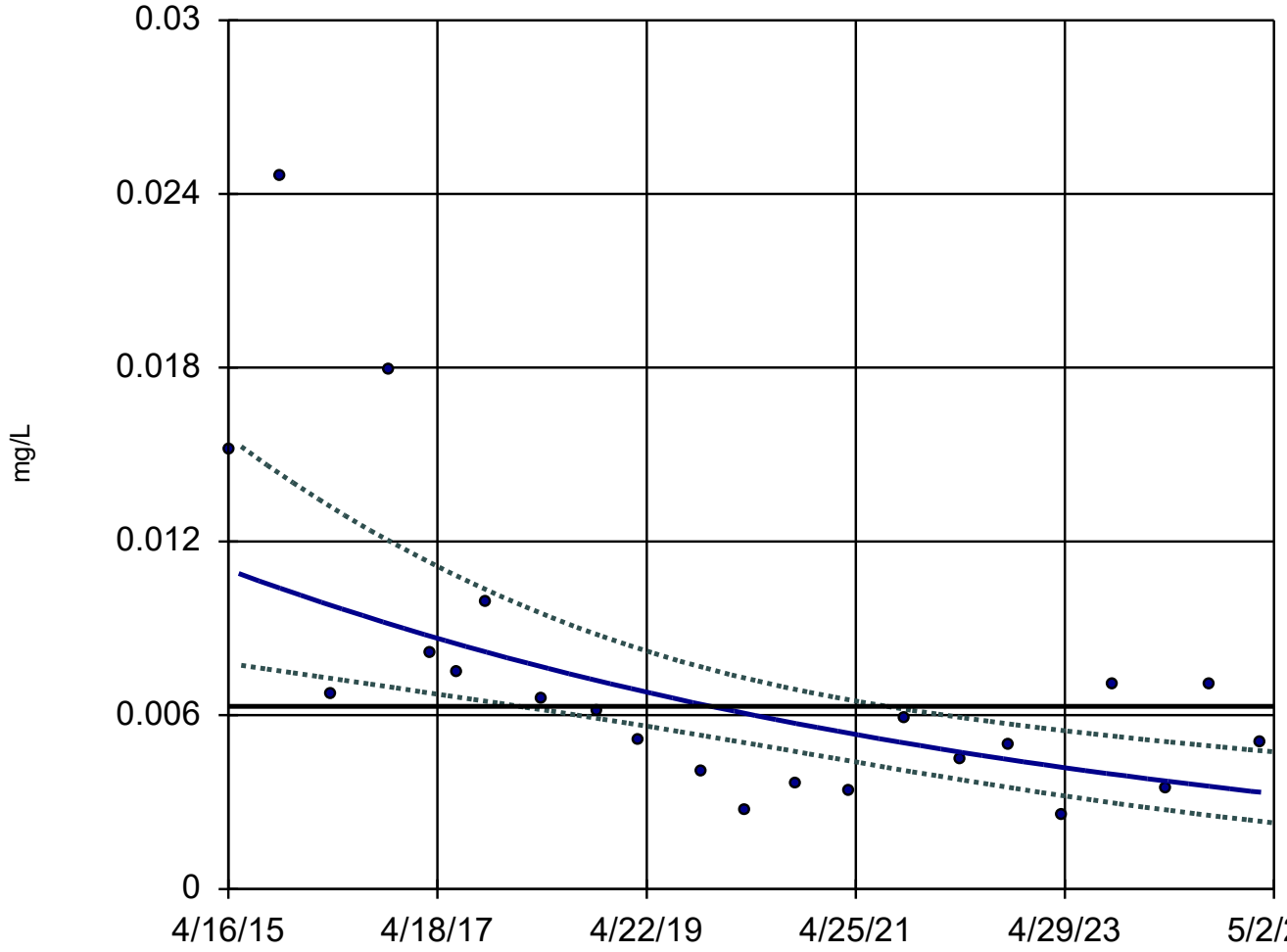
GWPS (Background in Alluvium & Indian Creek Floodplain) = 0.00631 mg/L

First Achieved Compliance with the GWPS
Spring 2024

Projected Year to Completion
Fall 2026

Linear Regression and 90% Confidence Band

MW-18



n = 22

Slope = -0.1204
natural log units/year.

alpha = 0.02
t = -3.704
critical = -2.197

Significant decreasing trend.

Normality test on residuals:
Shapiro Wilk @alpha
= 0.01, calculated
= 0.9639 after natural
log transformation,
critical = 0.878.

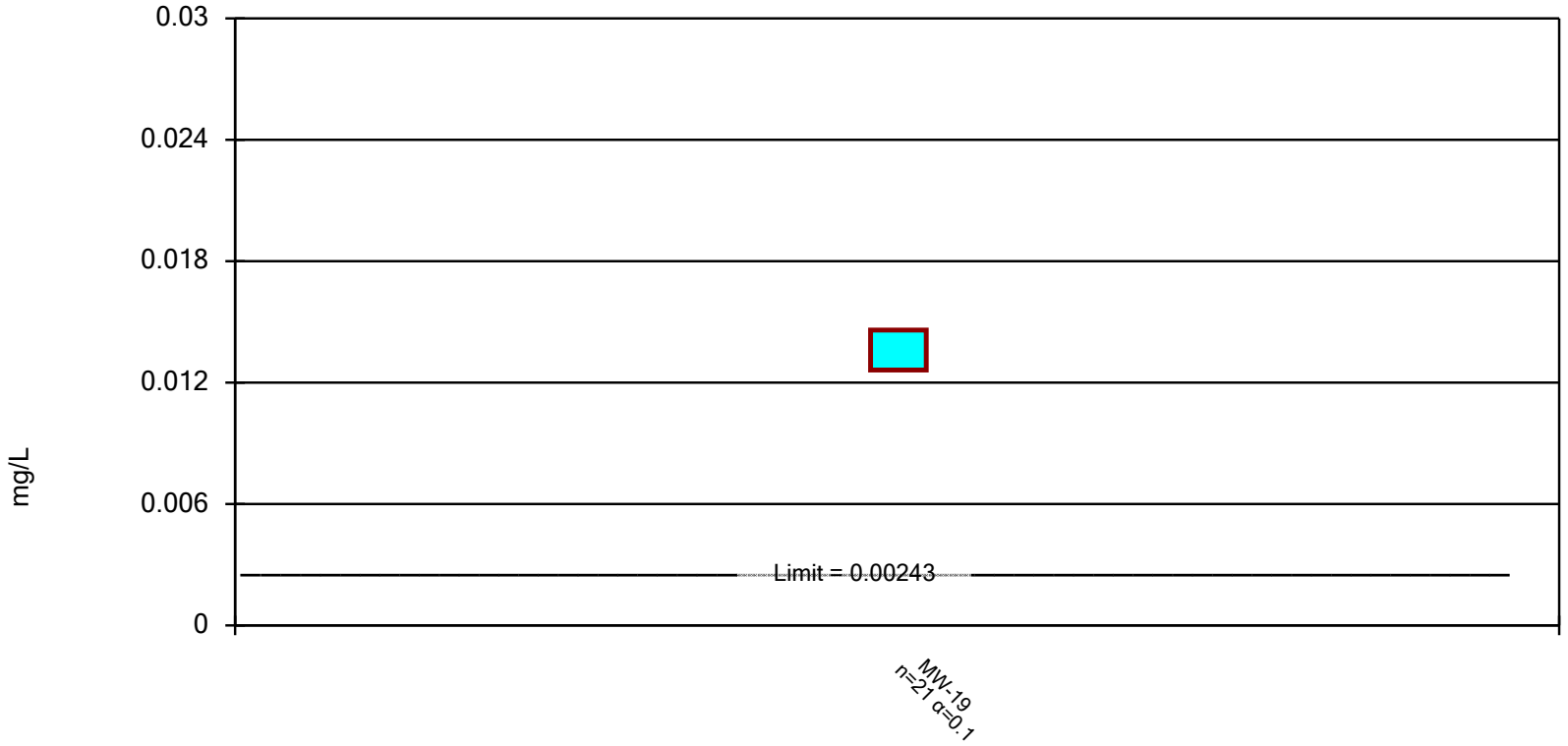
GWPS (Background in Alluvium &
Indian Creek Floodplain) = 0.00631.

Constituent: Cobalt Analysis Run 5/21/2025 7:39 AM

Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

Parametric Confidence Interval, Corrective Action Mode

Compliance limit is exceeded. Normality Test: Shapiro Wilk, alpha based on n.

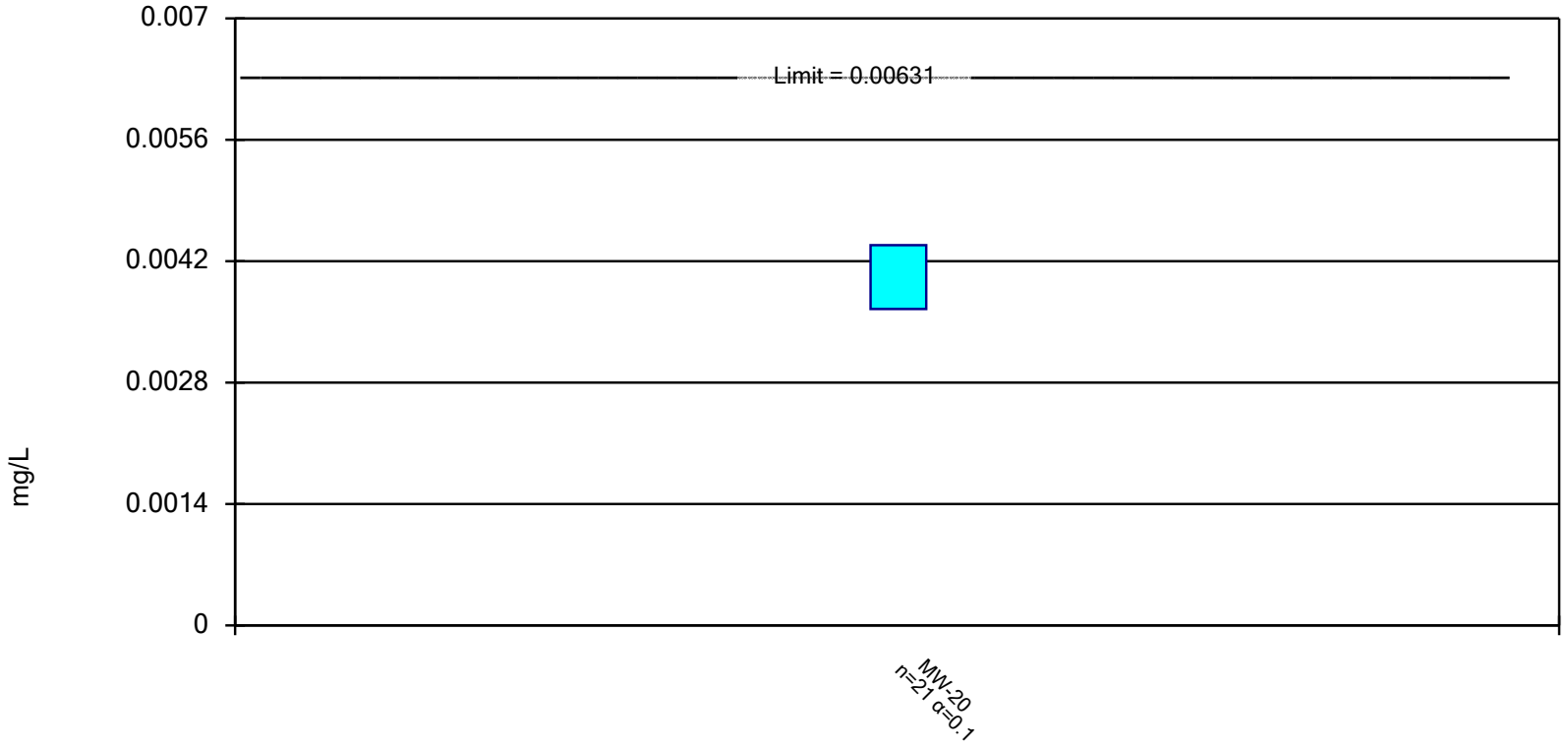


Constituent: Cobalt Analysis Run 5/21/2025 7:52 AM

Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

Parametric Confidence Interval, Corrective Action Mode

Compliance Limit is not exceeded. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Cobalt Analysis Run 5/21/2025 7:50 AM

Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

MW-301 Cobalt Regression Analysis

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.679013832
R Square	0.461059784
Adjusted R Square	0.432694509
Standard Error	0.001998211
Observations	21

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	6.49012E-05	6.49E-05	16.254374	0.00071272
Residual	19	7.58641E-05	3.993E-06		
Total	20	0.000140765			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	0.07663397	0.017379966	4.4093279	0.0003013	0.04025728	0.1130107	0.0402573	0.113010657
X Variable 1	-1.59449E-06	3.95492E-07	-4.031671	0.0007127	-2.422E-06	-7.67E-07	-2.422E-06	-7.66719E-07

X	Y	Predicted	Upper 95% CL	Lower 95% CL	Upper 95% PL	Lower 95% PL
4/23/2015	0.0135	0.00948	0.01093	0.00803	0.01323	0.00573
10/13/2015	0.00924	0.00920	0.01056	0.00785	0.01291	0.00549
4/9/2016	0.0106	0.00892	0.01017	0.00767	0.01259	0.00524
11/4/2016	0.00745	0.00858	0.00973	0.00744	0.01222	0.00495
3/20/2017	0.0093	0.00837	0.00944	0.00729	0.01199	0.00475
10/4/2017	0.0076	0.00805	0.00903	0.00707	0.01164	0.00446
4/20/2018	0.00465	0.00774	0.00864	0.00683	0.01131	0.00417
10/31/2018	0.00308	0.00743	0.00826	0.00659	0.01098	0.00387
3/22/2019	0.00766	0.00720	0.00800	0.00640	0.01075	0.00365
10/30/2019	0.00546	0.00685	0.00761	0.00608	0.01038	0.00331
3/21/2020	0.007	0.00662	0.00737	0.00586	0.01015	0.00308
9/30/2020	0.0064	0.00631	0.00707	0.00555	0.00985	0.00277
3/31/2021	0.0048	0.00602	0.00681	0.00523	0.00957	0.00248
10/19/2021	0.0091	0.00570	0.00654	0.00485	0.00926	0.00214
4/26/2022	0.0045	0.00540	0.00631	0.00449	0.00897	0.00182
10/12/2022	0.00498	0.00513	0.00611	0.00415	0.00872	0.00154
4/19/2023	0.00273	0.00483	0.00589	0.00376	0.00844	0.00121
10/19/2023	0.00517	0.00453	0.00569	0.00338	0.00818	0.00089
4/18/2024	0.00424	0.00424	0.00550	0.00299	0.00792	0.00057
9/17/2024	0.0059	0.00400	0.00534	0.00266	0.00771	0.00030
3/18/2025	0.00494	0.00371	0.00516	0.00227	0.00746	-0.00003

GWPS (Background) = 0.00243 mg/L

Projected Year to Attain Compliance with the GWPS (Assuming Future First Order Attenuation Instead of Linear Decay)

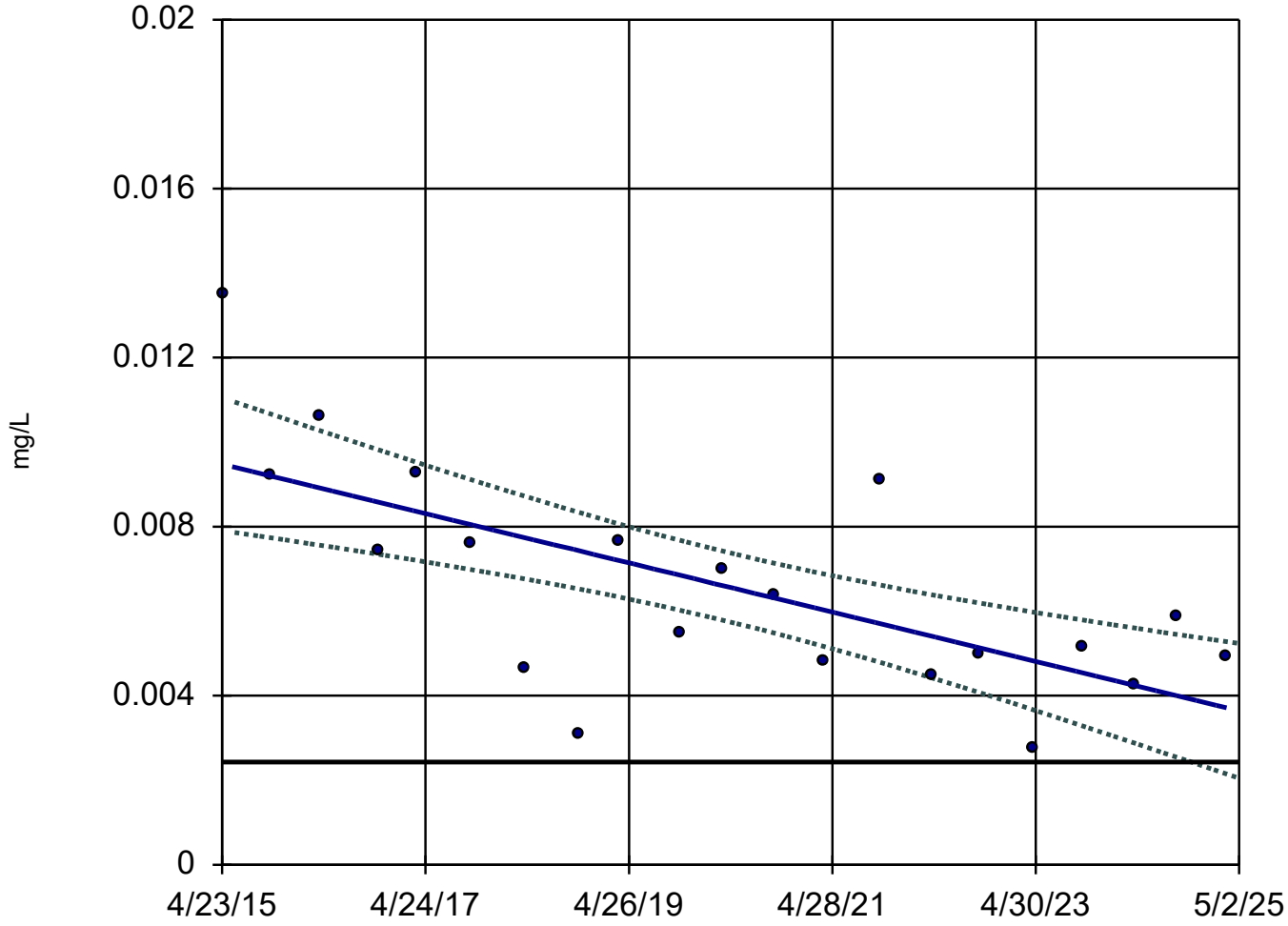
7/25/2031 -6.020 0.00243

Projected Year to Completion

7/24/2034

Linear Regression and 90% Confidence Band

MW-301



n = 21

Slope = -0.0005823 units/year.

alpha = 0.02
t = -4.03
critical = -2.205

Significant decreasing trend.

Normality test on residuals:
Shapiro Wilk @alpha
= 0.01, calculated
= 0.9788, critical
= 0.873.

GWPS (Background) = 0.00243.

Constituent: Cobalt Analysis Run 5/21/2025 7:47 AM

Linn County SWAL Client: Foth Data: Site 2 - Spring 2025 Statistical Evaluation

Attachment 6

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
(319) 365-9565
foth.com

October 24, 2025

TO: Iowa Department of Natural Resources

FR: Gina Wilming; Hannah Possehl; Hannah Dubbs

RE: Site 2 Statistical Analysis - Fall 2025 Evaluation

1 Memorandum Organization

This memo addresses the statistical analysis of the groundwater monitoring data collected in August 2025. The statistical methods and results are summarized, with the memo organization given as follows:

Tables

Attachments

2 Background

The groundwater monitoring locations and 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 20 of the 2025 Annual Water Quality Report (AWQR).

Table 1
Groundwater Monitoring Locations and Sampling Schedule
Jan. 2008 – Aug. 2025 Appendix I & II Data

Monitoring Location	Monitoring Program	Current Schedule (1) (Aug. 2025)	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]
Groundwater Underdrain Monitoring Locations						
GU-1	Detection	Appendix I	Jul-11 (2)	Oct-12 (2)	N/A	N/A
			Oct-15 (2)	Jun-17 (2)		
GU-L	Detection	Appendix I	Mar-11 (2)	Dec-11 (2)	N/A	N/A
			Oct-15 (2)	Jun-17 (2)		
GU-O	Detection	Appendix I	Apr-18 (3)	Oct-22 (3)	N/A	N/A
GU-P	Detection	Appendix I	Feb-22	Apr-23	N/A	N/A
Downgradient Monitoring Locations						
MW-15	Assessment	Appendix II	Jan-08	Oct-08	Jun-09	Mar-10
			Apr-15 (4)	Mar-17 (4)		

Table 1 Continued
Groundwater Monitoring Locations and Sampling Schedule
Jan. 2008 – Aug. 2025 Appendix I & II Data

Monitoring Location	Monitoring Program	Current Schedule [1] (Aug. 2025)	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]
Downgradient Monitoring Locations Continued						
MW-18	Corrective Action	Appendix II	Jan-08 Apr-15 [4]	Oct-08 Mar-17 [4]	Mar-09	Dec-09
MW-19	Corrective Action	Appendix II	Jan-08 Apr-15 [4]	Oct-08 Mar-17 [4]	Mar-09	Dec-09
MW-20	Corrective Action	Appendix II	Jan-08 Apr-15 [4]	Oct-08 Mar-17 [4]	Mar-09	Dec-09
MW-22	Assessment	Appendix II	Jan-08 Apr-15 [4]	Oct-08 Mar-17 [4]	Jun-09	Mar-10
MW-24	Assessment	Appendix II	Jan-08 Apr-15 [4]	Oct-08 Mar-17 [4]	Jun-10	Dec-10
MW-26A	Assessment	Appendix II	Jan-08 Apr-15 [4]	Oct-08 Mar-17 [4]	Aug-10	Jun-11
MW-300	Assessment	Appendix II	Jun-10 Apr-15 [4]	Mar-11 Mar-17 [4]	Jun-11	Mar-12
MW-301	Corrective Action	Appendix II	Jun-10 Apr-15 [4]	Mar-11 Mar-17 [4]	Jun-11	Mar-12
MW-302R [5]	Assessment	Appendix II	Jun-10 Apr-15 [4]	Mar-11 Mar-17 [4]	Dec-17	Dec-17 [6]
MW-303	Assessment	Appendix II	Jun-10 Apr-15 [4]	Mar-11 Mar-17 [4]	Dec-21	Apr-23 [7]
MW-304R [8]	Assessment	Appendix II	Jun-10 Apr-15 [4]	Mar-11 Mar-17 [4]	May-19	May-19 [8]
MW-305	Assessment	Appendix II	Jun-13 Apr-15 [4]	Jun-14 Mar-17 [4]	Dec-17	Dec-17 [6]
MW-501	Detection	Appendix I	Mar-21	Apr-22	N/A	N/A
MW-502	Future Detection [9]	Appendix I	Mar-21	Apr-22	N/A	N/A
Delineation Monitoring Locations						
MW-29	Delineation	Benzene, Cobalt	N/A [10]	N/A [10]	N/A	N/A
MW-30	Delineation	Benzene, Cobalt	N/A [10]	N/A [10]	N/A	N/A
MW-306	Delineation	Benzene, Cobalt	N/A [10]	N/A [10]	N/A	N/A
MW-307A	Delineation	Benzene, Cobalt	N/A [10]	N/A [10]	N/A	N/A
Background Monitoring Locations						
MW-9AR	Background	Appendix II	Jul-18	May-19	Nov-18 [11]	N/A
MW-201B	Background	Appendix II	Apr-12 Apr-15	Jun-13 Oct-16	Oct-16 [11]	N/A
Potential Background Expansion [12]						
MW-204A	Background	Appendix I	--- [12]	--- [12]	N/A	N/A
MW-204B	Background	Appendix I	--- [11]	--- [11]	N/A	N/A
MW-213A	Background	Appendix I	--- [11]	--- [11]	N/A	N/A
MW-213B	Background	Appendix I	--- [11]	--- [11]	N/A	N/A
MW-214	Background	Appendix I	--- [11]	--- [11]	N/A	N/A

Table 1 Continued
Groundwater Monitoring Locations and Sampling Schedule
Jan. 2008 – Aug. 2025 Appendix I & II Data

Monitoring Location	Monitoring Program	Current Schedule [1] (Aug. 2025)	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]
Potential Background Expansion Continued [12]						
MW-215	Background	Appendix I	--- [11]	--- [11]	N/A	N/A
MW-218	Background	Appendix I	--- [11]	--- [11]	N/A	N/A

N/A = not applicable

[1] Appendix II locations were sampled for the Appendix I and detected Appendix II constituents in Aug. 2025. Resampling for the full Appendix II list at the assessment, corrective action, and background monitoring wells is conducted every five years.

[2] At GU-1 and GU-L, the results collected before Oct. 2015 were removed due to elevated reporting limits, and baseline detection monitoring was reestablished using the Oct. 2015 through Jun. 2017 results.

[3] At GU-O, one sample was collected in Apr. 2018 then monitoring was discontinued. Baseline monitoring for the Appendix I constituents was re-initiated in Oct. 2021 with five samples collected between Oct. 2021 and Oct. 2022.

[4] For the downgradient and background monitoring locations where monitoring was initiated before Apr. 2015, sampling methods were modified from high-volume to low-flow or no-purge sampling starting in Apr. 2015. Five rounds of baseline Appendix I monitoring were re-initiated between Apr. 2015 and Mar. 2017. The high-volume results collected before Apr. 2015 were removed before conducting statistical analyses.

[5] MW-302 was replaced with MW-302R on 9/7/2021 in the same location. The MW-302 and MW-302R data sets were combined.

[6] MW-302 and MW-305 triggered assessment monitoring during the Fall 2017 statistical evaluation. One round of baseline assessment monitoring for the full Appendix II list was conducted in Dec. 2017. Since none of the Appendix II constituents not in the Appendix I list were detected during the initial assessment monitoring event in Dec. 2017, the *2017 AWQR* (HDR, 2018) recommended not conducting additional rounds of baseline assessment monitoring. IDNR concurred with this recommendation in the letter dated Jan. 22, 2019 (IDNR, 2019).

[7] MW-303 triggered assessment monitoring after the Spring 2021 resampling event. One round of baseline assessment monitoring for the full Appendix II list was conducted in Dec. 21. Quarterly monitoring for only the detected Appendix II constituents (2,4-D; gamma-BHC; and heptachlor) was conducted in Apr. 2022, Jul. 2022, Oct. 2022, and Apr. 2023 to obtain a baseline data set for the detected Appendix II parameters suitable for conducting statistical comparisons to the groundwater protection standards (HDR, 2022 and 2023).

[8] MW-304 was replaced with MW-304R on 8/31/2020 in the same location. The MW-304 and MW-304R data sets were combined. MW-304 triggered assessment monitoring after the January 2019 verification sampling event. One round of baseline assessment monitoring for the full Appendix II list was conducted in May 2019. Since none of the Appendix II constituents not in the Appendix I list were detected during the initial assessment monitoring event in May 2019, the *2020 Spring Statistical Report* (HDR, 2020) recommended not conducting additional rounds of baseline assessment monitoring.

[9] Baseline intrawell background monitoring was initiated at MW-502 in Mar. 2021. Quarterly followed by semiannual intrawell background monitoring for the Appendix I list has been conducted between 2021 and 2024. Compliance monitoring under the detection monitoring program will be initiated at MW-502 following the future construction of Phase 5B (HDR, 2021).

[10] MW-29, MW-30, MW-306, and MW-307A are utilized for delineation; therefore, baseline detection monitoring is not applicable. Benzene and cobalt delineation monitoring were initiated at these locations in Apr. 2015 and Apr. 2018, respectively.

[11] One round of monitoring for the full Appendix II list was conducted at background monitoring locations MW-9AR and MW-201B in Nov. 2018 and Oct. 2016, respectively. None of the Appendix II constituents not in the Appendix I list were detected during the full Appendix II sampling events at MW-9AR and MW-201B; therefore, no additional full Appendix II sampling events were conducted (HDR, 2024b).

[12] In May 2024, MW-204A/B, MW-213A/B, and MW-218 were monitored for the Appendix I metals, TSS, and other indicator parameters to evaluate for background expansion and support the *Alternative Source Demonstration: Spring 2024* (HDR, 2024a) for MW-304R and MW-501. In Sep. 2024, Mar. 2025, and Aug. 2025, MW-204A/B, MW-213A/B, MW-214, and MW-215 were monitored for the Appendix I list and TSS to continue to evaluate for background expansion or provide additional data regarding conditions in the Indian Creek floodplain over time. Note that MW-214 and MW-215 were previously included in the background monitoring network and had been monitored for the Appendix I and detected Appendix II constituents between Apr. 15 and Mar. 21. These locations were not added to the background monitoring network.

In August 2025, semiannual detection, assessment, corrective action, delineation, and background monitoring were conducted at the locations listed in Table 1. Assessment, corrective action monitoring, and background locations were sampled for the Appendix I and detected Appendix II constituents in August 2025. In accordance with Permit Special Provision X.4.f, resampling for the full Appendix II list at the assessment, corrective action, and background monitoring wells is conducted every five years. The next full Appendix II resampling dates will be provided in Table 2 of the 2025 AWQR.

As indicated in footnote 12 of Table 1, the potential background expansion wells were monitored for the Appendix I list in September 2024, March 2025, and August 2025 to continue to evaluate for background expansion or provide additional data regarding conditions in the

Indian Creek floodplain over time. As further discussed in Section 3.1, none of the potential background expansion locations are recommended for inclusion in the interwell background monitoring network at this time.

Under the detection and assessment monitoring programs of 567 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(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, 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 that 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. However, three consecutive sampling events may be utilized to determine whether to return to detection monitoring to limit the 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 paragraph 113.10(4)g.

If Appendix II constituents are detected at statistically significant levels (SSLs) above the GWPS, characterization [567 IAC 113.10(6)g] is initiated and the owners or operators are required to begin 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 [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 IDNR.

Based on the April 2015 through August 2025 results, this memo presents an evaluation of statistically significant increases (SSIs) and SSLs under the requirements of paragraphs 113.10(4)g and h of 567 IAC.

3 Statistical Methodology

The statistical methods utilized for locations in detection, assessment, corrective action, and delineation monitoring were consistent with the methods outlined in the Fall 2024 and Spring 2025 statistical evaluations and in the approved *Hydrologic Monitoring System Plan* (HDR, 2021). Detailed descriptions of the statistical methods are provided in Attachment 1. Sanitas® v10.1 (Sanitas Technologies) software was utilized to complete statistical comparisons.

3.1 Background Data Set

Intrawell prediction limits are utilized to evaluate SSIs over background for analytes that have been detected above the practical quantitation limit (PQL) in GU-1, GU-L, GU-O, GU-P, and MW-501. The justification for the use of intrawell methods was provided in the approved *Hydrologic Monitoring System Plan* (HDR, 2021). Specifically for MW-501, intrawell methods are applicable since monitoring was initiated before placement of waste in Phase 5A, and samples were collected using low-flow sampling techniques. Intrawell background is calculated from a collection of background measurements from the detected Appendix I metals within these compliance locations and is further discussed in Section 4.1.1. As reported in the *2024 Spring Statistical Report* (HDR, 2024b), GU-1 and GU-L data collected before October 2015 were removed due to elevated reporting limits.

For the remaining downgradient monitoring locations, interwell predictions calculated from the combined background data set of MW-9AR and MW-201B were utilized to evaluate SSIs over background for the analytes that have been detected above the PQL.

At this time, none of the potential background expansion locations are recommended for inclusion in the interwell background monitoring network. MW-9AR and MW-201B are located upgradient of the Site 2 disposal units, along the eastern side of the facility, and are screened within the unweathered glacial till. Downgradient wells are screened within alluvium, erosion surface sediments, weathered glacial till, and unweathered glacial till, with several wells screened across one or more of these geologic units. Since the upgradient geologic conditions differ from many of the downgradient wells, the existing upgradient background data set may not provide a comprehensive characterization of naturally occurring background concentrations in the formations identified across the site. In addition to providing spatial variation, the potential background expansion wells allow for evaluation of background conditions within alluvium (MW-204A, MW-204B, MW-213A, MW-213B, MW-215, and MW-218) and within erosion surface sediments to weathered/unweathered glacial till (MW-214). MW-204A, MW-204B, MW-213A, MW-213B, and MW-218 are located within the Indian Creek floodplain. While these locations provide useful data regarding conditions in the floodplain, they are not representative of conditions within all downgradient monitoring wells. For ease of implementation, multiple interwell background data sets were not considered (i.e., separate interwell background for wells located in the floodplain from those that are not). Therefore, data from MW-204A, MW-204B, MW-213A, MW-213B, and MW-218 will not be added to the site-wide interwell background data set but may continue to be utilized to document conditions in the floodplain over time. As further discussed in Section 5.1, a site-specific cobalt GWPS has been approved for wells screened in alluvium and located in the Indian Creek floodplain, which is calculated from MW-213A data. Except for barium, limited metals detections were identified in MW-214 and MW-215, and those that were identified were J-flagged or inconsistent. As a result, MW-214 and MW-215 are not recommended for inclusion in the interwell background data. In summary, the potential background expansion review recommends handling background conditions within the Indian Creek floodplain through site-specific GWPS evaluations. Sampling from other background wells did not provide sufficient evidence of other naturally occurring concentrations (spatially or geologically) for modification of the interwell background monitoring network.

3.2 Data Set Adjustments Due to Changes in Sampling Methods

For the downgradient and background monitoring locations where monitoring was initiated before April 2015, the sampling methodology was modified from high-volume to low-flow or no-purge sampling starting in April 2015. The high-volume results collected before April 2015 were removed before conducting statistical analyses. These data set removals were maintained in the current statistical evaluation. The removed data will be listed as crossed-out concentrations in Table 20 of the 2025 AWQR.

3.3 Adjustments Associated with Total Suspended Solids

Based on a review of the total suspended solids (TSS) data from August 2025, no background data set adjustments are recommended for MW-9AR and MW-201B. While above the 5 mg/L limit, the August 2025 TSS concentrations of 22.5 mg/L at MW-9AR and 16.4 mg/L at MW-201B did not significantly exceed the limit for acceptable sample quality, and marginal to no correlation with TSS was evident with the detected metals at these locations.

The background data set adjustments previously recommended and incorporated based on review of TSS data include:

- Removal of the October 2021, October 2022, and April 2023 metals concentrations in MW-201B.

The removed data will be listed as crossed-out concentrations in Table 20 of the 2025 AWQR.

For the compliance monitoring locations, a detailed discussion regarding compliance with the turbidity requirements outlined in Permit Special Provision X.4.g will be provided in the 2025 AWQR.

3.4 Adjustments Associated with Reporting Limits

The background data set and PQLs were reviewed in the Fall 2024 statistical evaluation. This consisted of reviewing the PQLs for metals constituents used in the intrawell and interwell 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. Non-detect background samples with a PQL of at least two times the maximum detected background concentration were recommended for removal. No background data set adjustments are recommended in the current (Fall 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 the non-detect lead result with a PQL of 0.004 mg/L at GU-1.
- Removal of the non-detect antimony result with a PQL of 0.006 mg/L at MW-201B.
- Removal of the non-detect cadmium results with a PQL of 0.005 mg/L at MW-9AR and MW-201B.
- Removal of the non-detect copper result with a PQL of 0.02 mg/L at MW-201B.
- Removal of the non-detect vanadium result with a PQL of 0.05 mg/L at MW-201B.

The removed data will be listed as crossed-out concentrations in Table 20 of the 2025 AWQR.

3.5 Outliers

The outliers flagged during prior statistical evaluations were maintained in the current (Fall 2025) evaluation. Outliers will be listed as o-flagged and as crossed-out concentrations in Table 20 of the 2025 AWQR.

No outliers were flagged during the current (Fall 2025) statistical evaluation.

3.6 Corrective Action Constituents

In accordance with the Unified Guidance (USEPA, 2009), corrective action statistics are 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 addition, no corrective action constituents exited corrective action and returned to an assessment constituent in Fall 2025.

Table 2
Corrective Action Constituents

Monitoring Location	Corrective Action Constituents [1]
MW-18	Cobalt
MW-19	Cobalt
MW-20	Benzene; Cobalt
MW-301	Cobalt

[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 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 Levels

Comparisons to background levels were conducted using intrawell prediction limits, interwell prediction limits, and the Double Quantification Rule (DQR). As noted in Section 3.6, comparisons to background were not conducted for the corrective action constituents listed in Table 2.

4.1 Intrawell Prediction Limits

Intrawell prediction limits were used to formally assess SSIs over background for analytes that have been detected above the PQL in GU-1, GU-L, GU-O, GU-P, and MW-501.

4.1.1 Intrawell Background

Intrawell background was not updated during this statistical evaluation. Intrawell background was last updated during the Spring 2025 statistical evaluation. Section 5.3.2 of the *Unified Guidance* (USEPA, 2009) recommends that the intrawell background data set be updated periodically, after 4 to 8 new compliance observations have been collected. 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." Intrawell background will be updated during the Spring 2027 statistical evaluation if there continue to be no SSIs identified at GU-1, GU-L, GU-O, GU-P, and MW-501.

The intrawell background data sets consist of:

- GU-1: October 2015 through September 2024 arsenic, barium, cobalt, lead, nickel, and zinc.
- GU-L: October 2015 through September 2024 arsenic, barium, cobalt, and nickel.
- GU-O: April 2018 through September 2024 arsenic, barium, and cobalt.

- GU-P: February 2022 through September 2024 arsenic, barium, cobalt, and lead.
- MW-501: March 2021 through April 2023 and September 2024 arsenic, barium, cadmium, cobalt, lead, and nickel (i.e., excludes the October 2023, April 2024, and May 2025 events with elevated TSS).

4.1.2 Intrawell Prediction Limit Results

The intrawell prediction limits are summarized in Table 3. The background data set adjustments discussed in Section 3 were utilized. Detailed prediction limit output for each analyte/well pair is included in Attachment 2.

Table 3
Intrawell Prediction Limit Summary [(1)]

Chemical Name	Prediction Limit	Units	Intrawell Prediction Limit Type	Retesting Plan	Prediction Limit Method
GU-1					
Arsenic	0.09105	mg/L	Parametric (Lognormal)	1-of-2	$exp(\bar{y} + k \cdot s_y)$
Barium	1.443	mg/L	Parametric (Normal)	1-of-2	$\overline{x} + k \cdot s$
Cobalt	0.0198	mg/L	Non-Parametric	1-of-2	Maximum Order Statistic
Lead	0.000943	mg/L	Non-Parametric	1-of-2	Maximum Order Statistic
Nickel	0.06745	mg/L	Parametric (Normal)	1-of-2	$\overline{x} + k \cdot s$
Zinc	0.02	mg/L	Non-Parametric	1-of-2	Maximum Order Statistic
GU-L					
Arsenic	0.0069	mg/L	Non-Parametric	1-of-2	Maximum Order Statistic
Barium	0.1037	mg/L	Parametric (Normal)	1-of-2	$\overline{x} + k \cdot s$
Cobalt	0.0129	mg/L	Non-Parametric	1-of-2	Maximum Order Statistic
Nickel	0.01066	mg/L	Parametric (Normal with Kaplan-Meier Adjustment)	1-of-2	$\hat{\mu}_{KM} + k \cdot \hat{\sigma}_{KM}$
GU-O					
Arsenic	0.005158	mg/L	Parametric (Normal)	1-of-2	$\overline{x} + k \cdot s$
Barium	0.372	mg/L	Non-Parametric	1-of-2	Maximum Order Statistic
Cobalt	0.001564	mg/L	Parametric (Lognormal with Kaplan-Meier Adjustment)	1-of-2	$\exp(\hat{\mu}_{KM} + k \cdot \hat{\sigma}_{KM})$
GU-P					
Arsenic	0.004019	mg/L	Parametric (Normal)	1-of-2	$\overline{x} + k \cdot s$
Barium	0.3526	mg/L	Parametric (Normal)	1-of-2	$\overline{x} + k \cdot s$
Cobalt	0.002072	mg/L	Parametric (Normal)	1-of-2	$\overline{x} + k \cdot s$
Lead	0.000526	mg/L	Non-Parametric	1-of-2	Maximum Order Statistic
MW-501					
Arsenic	0.0126	mg/L	Non-Parametric	1-of-2	Maximum Order Statistic
Barium	0.08662	mg/L	Parametric (Normal)	1-of-2	$\overline{x} + k \cdot s$
Cadmium	0.0004288	mg/L	Parametric (Normal with Kaplan-Meier Adjustment)	1-of-2	$\hat{\mu}_{KM} + k \cdot \hat{\sigma}_{KM}$
Cobalt	0.01827	mg/L	Parametric (Normal)	1-of-2	$\overline{x} + k \cdot s$
Lead	0.00234	mg/L	Non-Parametric	1-of-2	Maximum Order Statistic
Nickel	0.0415	mg/L	Non-Parametric	1-of-2	Maximum Order Statistic

(1) Intrawell background data is discussed in Section 4.1.1. Note that background data set adjustments were incorporated in accordance with Section 3.

Non-parametric prediction limits were used where either normality assumptions could not be met or there were less than 50% detects in the intrawell background data. Parametric prediction limits were used where there were greater than 50% detects in the intrawell background data

and normality assumptions were met. Parametric lognormal prediction limits were used where there were greater than 50% detects in the intrawell background data set, the assumptions of normality were met with a lognormal transformation, and the lognormal limit was accepted as being representative of the background distribution.

No intrawell prediction limit exceedances were identified at GU-1, GU-L, GU-O, GU-P, and MW-501 in August 2025.

4.2 Interwell Prediction Limits

Interwell prediction limits were used to formally assess SSIs over background at downgradient monitoring wells MW-15, MW-18, MW-19, MW-20, MW-22, MW-24, MW-26A, MW-300, MW-301, MW-302R, MW-303, MW-304R, and MW-305 for analytes that have been detected above the PQL in the combined background data set (MW-9AR and MW-201B). These analytes were antimony, arsenic, barium, cobalt, copper, lead, nickel, and zinc. In addition, interwell prediction limits were used to formally assess SSIs over background for cobalt in delineation monitoring wells MW-29, MW-30, MW-306, and MW-307A.

4.2.1 Interwell Prediction Limit Results

Interwell prediction limits calculated utilizing background sample data collected from April 2015 through August 2025 are summarized in Table 4. The background data set adjustments discussed in Section 3 were utilized. Detailed prediction limit output for each analyte/well pair is included in Attachment 3. The monitoring locations exhibiting interwell prediction limit exceedances during the August 2025 event are listed in Table 5.

Table 4
Interwell Prediction Limit Summary
Apr. 2015 – Aug. 2025 Interwell Data [(1)]

Chemical Name	Prediction Limit	Units	Interwell Prediction Limit Type	Retesting Plan	Prediction Limit Method
Antimony	0.0023	mg/L	Non-Parametric	1-of-2	Maximum Order Statistic
Arsenic	0.00866	mg/L	Non-Parametric	1-of-2	Maximum Order Statistic
Barium	0.575	mg/L	Non-Parametric	1-of-2	Maximum Order Statistic
Cobalt	0.00243	mg/L	Non-Parametric	1-of-2	Maximum Order Statistic
Copper	0.00322	mg/L	Non-Parametric	1-of-2	Maximum Order Statistic
Lead	0.00687	mg/L	Non-Parametric	1-of-2	Maximum Order Statistic
Nickel	0.00508	mg/L	Non-Parametric	1-of-2	Maximum Order Statistic
Zinc	0.02	mg/L	Non-Parametric	1-of-2	Maximum Order Statistic

[(1)] Interwell data consists of the Appendix I and II parameters that have been detected in the combined background data set (MW-9AR and MW-201B). Note that background data set adjustments were incorporated in accordance with Section 3.

Non-parametric prediction limits were used for antimony, arsenic, barium, cobalt, copper, lead, nickel, and zinc since either normality assumptions could not be met or there were less than 50% detects in the combined background data.

Table 5
Aug. 2025 Interwell Prediction Limit Exceedances

Prediction Limit	Arsenic (mg/L) 0.00866	Barium (mg/L) 0.575	Cobalt (mg/L) 0.00243	Nickel (mg/L) 0.00508
Assessment Monitoring Locations				
MW-15			0.00418	0.00834
MW-22		0.92		0.0347
MW-24				0.0133
MW-26A	0.0193	0.764	0.0418	0.0348
MW-303			0.00308	0.0814
MW-304R			0.00446	0.00543
Corrective Action Monitoring Locations - Assessment Constituents				
MW-18				0.0114
MW-19				0.0176
MW-20		0.654		0.0135
MW-301				0.0108
Delineation Monitoring Locations				
None				

4.3 Double Quantification Rule

The DQR was used to evaluate SSIs over background for the remaining Appendix I and II constituents (i.e., constituents not evaluated using intrawell or interwell prediction limits and which have not been detected above the PQL in the intrawell and interwell background data sets). The DQR output is included in Attachment 4, with a summary of the August 2025 DQR detections listed in Table 6.

Table 6
Double Quantification Rule
Aug. 2025 Detections

Well	Constituent(s)
Detection Monitoring Locations	
None	
Assessment Monitoring Locations	
MW-22	Benzene
MW-303	Cadmium
MW-304R	Chromium
Corrective Action Monitoring Locations - Assessment Constituents	
MW-19	1,4-Dichlorobenzene; Chlorobenzene
MW-20	Chlorobenzene
Delineation Monitoring Locations	
None	

4.4 Summary of Comparison to Background

4.4.1 Detection Monitoring Locations

No intrawell prediction limits exceedances or DQR detections were identified at GU-1, GU-L, GU-O, GU-P, and MW-501 in August 2025.

4.4.2 Assessment Monitoring Locations

No interwell prediction limit exceedances or DQR detections were identified at MW-300, MW-302R, and MW-305. Prediction limit exceedances were identified at MW-15, MW-22, MW-24, MW-26A, MW-303, and MW-304R as listed in Table 5. DQR detections were identified at MW-22, MW-303, and MW-304R as listed in Table 6. In lieu of retesting for the prediction limit exceedances and DQR detections, SSIs were declared and evaluated for SSLs in Section 5.

4.4.2.1 Exiting Assessment Monitoring

Table 7 presents a summary of the assessment monitoring locations and statistical comparisons required for exiting assessment monitoring. As discussed in Section 1, assessment monitoring locations may return to detection monitoring when Appendix II constituents fall below the current intrawell or interwell prediction limit (for constituents that are detected in the respective 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 7
Evaluation to Exit Assessment Monitoring
All Appendix II Constituents Below Background

Monitoring Location and Date	Constituents Detected in Background are Below Prediction Limits	DQR Constituents are Below Reporting Limit
MW-15		
Sep. 2024	No	**Yes**
Mar. 2025	No	**Yes**
Aug. 2025	No	**Yes**
MW-22		
Sep. 2024	No	No
Mar. 2025	No	No
Aug. 2025	No	No
MW-24		
Sep. 2024	No	**Yes**
Mar. 2025	No	**Yes**
Aug. 2025	No	**Yes**
MW-26A		
Sep. 2024	No	**Yes**
Mar. 2025	No	No
Aug. 2025	No	**Yes**
MW-300		
Sep. 2024	No	No
Mar. 2025	**Yes**	**Yes**
Aug. 2025	**Yes**	**Yes**
MW-302R		
Sep. 2024	**Yes**	**Yes**
Mar. 2025	**Yes**	**Yes**
Aug. 2025	**Yes**	**Yes**
MW-303		
Sep. 2024	No	**Yes**
Mar. 2025	No	No
Aug. 2025	No	No

Table 7 Continued
Evaluation to Exit Assessment Monitoring
All Appendix II Constituents Below Background

Monitoring Location and Date	Constituents Detected in Background are Below Prediction Limits	DQR Constituents are Below Reporting Limit
MW-304R		
Aug. 2023	No	**Yes**
Aug. 2024	No	**Yes**
Aug. 2025	No	No
MW-305		
Aug. 2023	**Yes**	**Yes**
Aug. 2024	**Yes**	**Yes**
Aug. 2025	**Yes**	**Yes**

As shown in Table 7, MW-302R and MW-305 have had all Appendix II constituents below background values for three consecutive sampling events. In accordance with 567 IAC 113.10(6)e, MW-302R and MW-305 will return to detection monitoring in Spring 2026. Conversely, MW-15, MW-22, MW-24, MW-26A, MW-300, MW-303, and MW-304R 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.

4.4.3 Corrective Action Monitoring Locations – Assessment Constituents

The interwell prediction limit exceedances and single DQR detections identified for the assessment constituents in corrective action monitoring locations MW-18, MW-19, MW-20, and MW-301 are listed in Tables 5 and 6. In lieu of retesting for the prediction limit exceedances and DQR detections, SSIs were declared and evaluated for SSLs in Section 5.

4.4.4 Delineation Monitoring Locations

No prediction limit exceedances or single DQR detections were identified for benzene and cobalt in MW-29, MW-30, MW-306, and MW-307A.

5 Comparison to Groundwater Protection Standard

The interwell prediction limit exceedances and DQR detections listed in Tables 5 and 6 were declared SSIs and 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 using statistical confidence intervals under the corrective action monitoring null hypothesis, or, for downward-trending data, confidence bands (upper 95% confidence limits) 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 5.

5.1 Background as the Cobalt GWPS

With cobalt, the concentrations in the interwell background data set exceed the 567 IAC Chapter 137 Statewide Standard. Therefore, pursuant to 567 IAC 113.10(6)h, the GWPS for cobalt is taken as background and evaluated with the statistical methods described in Attachment 1 and as recommended in the *Unified Guidance* (USEPA, 2009). Two site-specific background GWPS values are utilized for cobalt depending on the geologic formation of the screened interval and location of the monitoring well.

For wells screened in erosion surface or weathered/unweathered glacial till and not located in the Indian Creek floodplain, the confidence interval (i.e., one-sample) method is evaluated. With background as the GWPS, the confidence limit is compared to the combined MW-9AR and MW-201B background upper tolerance limit with 95% confidence and 95% coverage (discussed in detail in Attachment 1). Statistical output for the cobalt tolerance limit is included in Attachment 5.

For wells screened in alluvium and located in the Indian Creek floodplain, IDNR approved a site-specific cobalt GWPS of 0.00631 mg/L in the letter dated December 23, 2024 (IDNR, 2024). This value was based on the May 2024 cobalt concentration in MW-213A. As listed in Table 1, monitoring for the Appendix I list was continued at MW-213A in August 2025; however, those results were not included in background at this time. While an interwell tolerance limit with 95% confidence and 95% coverage can be calculated using the four MW-213A background results collected, additional background samples are recommended. Once 8 samples are collected from MW-213A, consideration will be given to calculating an interwell tolerance limit with the MW-213A background data to update the site-specific background GWPS for wells screened in alluvium and located in the Indian Creek floodplain.

5.2 Data Concentration Shifts During Corrective Action

Statistically significant decreasing linear trends continued to be identified for benzene in MW-20, cobalt in MW-18, and cobalt in MW-301. As detailed in Attachment 1, 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. With this method for cobalt, the two site-specific background GWPS values discussed in Section 5.1 were utilized. Regression statistics and confidence band outputs for these analyte/well pairs are provided in Attachment 5.

The upper 95% confidence limit remained below the GWPS for benzene in MW-20 and cobalt in MW-18. Conversely, the upper 95% confidence limits were above the GWPS for cobalt in MW-301.

5.3 First Order Regression Calculations

Table 12 of the AWQR lists a projected year to completion for each analyte/well pair in corrective action (i.e., those listed in Table 2 of this memo). Remedy completion timeframes were estimated for the individual analyte/well pairs in corrective action for inclusion in Table 12 of the 2025 AWQR.

For the corrective action constituents that have achieved compliance with the GWPS (i.e., benzene in MW-20, cobalt in MW-18, and cobalt in MW-20), first order regression calculations were not used. The projected year to completion is three years after compliance with the GWPS was first statistically achieved and will remain that date as long as concentrations remain statistically below the GWPS during the interim statistical evaluations.

For the remaining corrective constituents (i.e., those that have not achieved compliance with the GWPS), the projected year to completion was based on first order regression calculations for each individual analyte/well pair. The projected years to completion are three years after the first order regression calculations projected initial compliance with the GWPS. For the corrective action constituents with decreasing trends (i.e., cobalt in MW-301), 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 constituent (i.e., cobalt in MW-19) are included in "Sample Values and Corresponding 1st-Order Regression Calculations for Date to Completion" table in Attachment 5.

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 8.

Table 8
SSL Summary
Apr. 2015 – Aug. 2025 Appendix II Data

Chemical Name	Wells with SSL [1]	SSL Not Identified or Rejected [1]	GWPS [2]
Assessment Monitoring Locations			
Arsenic (mg/L)		MW-26A	0.01
Barium (mg/L)		MW-22, MW-26A	2
Benzene (ug/L)		MW-22	5
Cadmium (mg/L)		MW-303	0.005
Chromium (mg/L)		MW-304R	0.1
Cobalt (mg/L)		MW-15, MW-26A, MW-303, MW-304R	0.00631
Nickel (mg/L)		MW-15, MW-22, MW-24, MW-26A, MW-303, MW-304R	0.1
Corrective Action Monitoring Locations - Assessment Constituents			
1,4-Dichlorobenzene (ug/L)		MW-19	75
Barium (mg/L)		MW-20	2
Chlorobenzene (ug/L)		MW-19, MW-20	100
Nickel (mg/L)		MW-18, MW-19, MW-20, MW-301	0.1
Corrective Action Monitoring Locations – Corrective Action Constituents			
Benzene (ug/L)		MW-20	5
Cobalt (mg/L)		MW-18, MW-20	0.00631
Cobalt (mg/L)	MW-19, MW-301		0.00243

[1] Under the assessment null hypothesis, an SSL is indicated when the lower confidence limit exceeds the GWPS. 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, the IAC 567 Chapter 137 Statewide Standard for a Protected Groundwater Source, or Background in the case of cobalt. Two site-specific background GWPS values are utilized for cobalt depending on the geologic formation of the screened interval and location of the monitoring well, which is further discussed in Section 5.1.

5.5 Summary of Comparison to Groundwater Protection Standard

5.5.1 Assessment Monitoring Locations

No SSLs were identified in the assessment monitoring locations.

5.5.2 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 over the GWPS remained for cobalt in MW-19 and MW-301. While compliance with the GWPS was not achieved, a statistically significant decreasing trend was identified for cobalt in MW-301.

Compliance with the GWPS was achieved for cobalt in MW-18 and MW-20 starting with the Spring 2024 statistical evaluation and benzene in MW-20 starting with the Fall 2024 statistical evaluation, and remained during the current statistical evaluation. In accordance with 567 IAC 113.10(9)e(2), cobalt in MW-18 and MW-20 and benzene in MW-20 will return to assessment constituents in Spring 2027 and Fall 2027, respectively, as long as concentrations remain below the GWPS during interim statistical evaluations.

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 SWFPR are discussed in detail in Attachment 6. The parametric and non-parametric intrawell prediction limits and the non-parametric interwell prediction limits have good power ratings. The current cumulative annual SWFPR for the plan is 41%. The current annual SWFPR is higher than the Unified Guidance target 10% false positive rate due to smaller background sizes for intrawell prediction limits and the relatively large number of downgradient comparisons with nonparametric prediction limits. A combined background (intrawell and interwell background) sample size of approximately 40-50 would need to be reached before the SWFPR approaches the 10% target.

Statistical power calculations for confidence limits compared to the GWPS under assessment monitoring (or assessment mode under corrective action) are included in the confidence interval output of Attachment 5. 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* (USEPA, 2009) Chapter 22.

7 Conclusions

The methodology described in Section 3 and Attachment 1 was utilized to conduct the statistical evaluations for the locations in the detection, assessment, corrective action, and delineation monitoring programs. A summary of the Fall 2025 statistical results is presented in Table 9 and detailed in the following subsections.

Table 9
Summary of the Fall 2025 Evaluation

Monitoring Location	Monitoring Program	Current Schedule [1] (Aug. 2025)	Current SSIs	Corrective Action Constituents [2]		Retesting Parameter [3]	Monitoring Program Changes
				Current SSLs	Achieved Compliance with GWPS		
Groundwater Underdrain Monitoring Locations							
GU-1	Detection	Appendix I					
GU-L	Detection	Appendix I					
GU-O	Detection	Appendix I					
GU-P	Detection	Appendix I					
Downgradient Monitoring Locations							
MW-15	Assessment	Appendix II	Cobalt, Nickel				
MW-18	Corrective Action	Appendix II	Nickel		Cobalt		
MW-19	Corrective Action	Appendix II	1,4-Dichlorobenzene; Chlorobenzene; Nickel	Cobalt			
MW-20	Corrective Action	Appendix II	Barium; Chlorobenzene; Nickel		Benzene; Cobalt		
MW-22	Assessment	Appendix II	Barium; Benzene; Nickel				
MW-24	Assessment	Appendix II	Nickel				
MW-26A	Assessment	Appendix II	Arsenic; Barium; Cobalt; Nickel				
MW-300	Assessment	Appendix II					
MW-301	Corrective Action	Appendix II	Nickel	Cobalt			
MW-302R	Assessment	Appendix II					Detection
MW-303	Assessment	Appendix II	Cadmium; Cobalt; Nickel				
MW-304R	Assessment	Appendix II	Chromium; Cobalt; Nickel				
MW-305	Assessment	Appendix II					Detection
MW-501	Detection	Appendix I					
MW-502	Future Detection [4]	Appendix I					
Delineation Monitoring Locations							
MW-29	Delineation	Benzene; Cobalt					
MW-30	Delineation	Benzene; Cobalt					
MW-306	Delineation	Benzene; Cobalt					
MW-307A	Delineation	Benzene; Cobalt					

Table 9 Continued
Summary of the Fall 2025 Evaluation

Monitoring Location	Monitoring Program	Current Schedule [1] (Aug. 2025)	Current SSIs	Corrective Action Constituents [2]		Retesting Parameter [3]	Monitoring Program Changes
				Current SSLs	Achieved Compliance with GWPS		
Background Monitoring Locations							
MW-9AR	Background	Appendix II					
MW-201B	Background	Appendix II					
Potential Background Expansion [5]							
MW-204A	Background	Appendix I					See 7.1.5 [5]
MW-204B	Background	Appendix I					See 7.1.5 [5]
MW-213A	Background	Appendix I					See 7.1.5 [5]
MW-213B	Background	Appendix I					See 7.1.5 [5]
MW-214	Background	Appendix I					See 7.1.5 [5]
MW-215	Background	Appendix I					See 7.1.5 [5]
MW-218	Background	Appendix I					See 7.1.5 [5]

[1] Appendix II locations were sampled for the Appendix I and detected Appendix II constituents in Aug. 2025. Resampling for the full Appendix II list at the assessment, corrective action, and background monitoring wells is conducted every five years.

[2] 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).

[3] 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.

[4] Monitoring was initiated at MW-502 in Mar. 2021 to establish baseline intrawell background. Compliance monitoring under the detection monitoring program will be initiated at MW-502 following the future construction of Phase 5B (HDR, 2021).

[5] In May 2024, MW-204A/B, MW-213A/B, and MW-218 were monitored for the Appendix I metals, TSS, and other indicator parameters to evaluate for background expansion and support the *Alternative Source Demonstration: Spring 2024* (HDR, 2024a) for MW-304R and MW-501. In Sep. 2024, Mar. 2025, and Aug. 2025, MW-204A/B, MW-213A/B, MW-214, MW-215, and MW-218 were monitored for the Appendix I list and TSS to continue to evaluate for background expansion or provide additional data regarding conditions in the Indian Creek floodplain over time. Note that MW-214 and MW-215 were previously included in the background monitoring network and had been monitored for the Appendix I and detected Appendix II constituents between Apr.2015 and Mar. 2021. These locations were not added to the background monitoring network. Discussion regarding future monitoring is provided in Section 7.1.5 of this memo.

7.1.1 Detection Monitoring

In August 2025, semiannual detection monitoring for the Appendix I list was conducted at GU-1, GU-L, GU-O, GU-P, and MW-501. In addition, semiannual monitoring for the Appendix I list was conducted at future detection monitoring location MW-502 to establish intrawell background. Compliance monitoring under the detection monitoring program will be initiated at MW-502 following the future construction of Phase 5B (HDR, 2021).

No SSIs were identified at the detection monitoring locations. Semiannual detection monitoring for the Appendix I list will be conducted at GU-1, GU-L, GU-O, GU-P, and MW-501 in Spring 2026.

7.1.2 Assessment Monitoring

In August 2025, semiannual assessment monitoring for Appendix I and detected Appendix II constituents was conducted at MW-15, MW-22, MW-24, MW-26A, MW-300, MW-302R, MW-303, MW-304R, and MW-305.

No SSIs were identified at MW-300, MW-302R, and MW-305. The SSIs identified at MW-15, MW-22, MW-24, MW-26A, MW-303, and MW-304R are summarized in Table 9. No SSLs were identified for the assessment monitoring locations.

As shown in Table 7, MW-302R and MW-305 have had all Appendix II constituents below background values for three consecutive sampling events. In accordance with 567 IAC 113.10(6)e, MW-302R and MW-305 will return to detection monitoring in Spring 2026. Conversely, MW-15, MW-22, MW-24, MW-26A, MW-300, MW-303, and MW-304R 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.

In Spring 2026, semiannual detection monitoring for the Appendix I list will be conducted at MW-302R and MW-305, and semiannual assessment monitoring for Appendix I and detected Appendix II constituents will be conducted at MW-15, MW-22, MW-24, MW-26A, MW-300, MW-303, and MW-304R. In accordance with Permit Special Provision X.4.f, resampling for the full Appendix II list at assessment monitoring wells is conducted every five years. The dates of the next five-year resampling events will be provided in Table 2 of the 2025 AWQR.

7.1.3 Corrective Action Monitoring

In August 2025, semiannual corrective action monitoring for Appendix I and detected Appendix II constituents was conducted at MW-18, MW-19, MW-20, and MW-301.

The SSIs identified for the assessment constituents in MW-18, MW-19, MW-20, and MW-301 are summarized in Table 9. 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. For cobalt, the two site-specific background GWPS values discussed in Section 5.1 were utilized. As shown in Table 9, SSLs over the GWPS remained for cobalt in MW-19 and MW-301. While compliance with the GWPS was not achieved, a statistically significant decreasing trend was identified for cobalt in MW-301.

Compliance with the GWPS was achieved for cobalt in MW-18 and MW-20 starting with the Spring 2024 statistical evaluation and benzene in MW-20 starting with the Fall 2024 statistical

evaluation, and remained during the current statistical evaluation. In accordance with 567 IAC 113.10(9)e(2), cobalt in MW-18 and MW-20 and benzene in MW-20 will return to assessment constituents in Spring 2027 and Fall 2027, respectively, as long as concentrations remain below the GWPS during interim statistical evaluations.

Semiannual corrective action monitoring for the Appendix I and detected Appendix II constituents will be conducted at MW-18, MW-19, MW-20, and MW-301 in Spring 2026. In accordance with Permit Special Provision X.4.f, resampling for the full Appendix II list at corrective action monitoring wells is conducted every five years. The dates of the next five-year resampling events will be provided in Table 2 of the 2025 AWQR.

7.1.4 Delineation Monitoring

In August 2025, semiannual delineation monitoring for benzene and cobalt was conducted at MW-29, MW-30, MW-306, and MW-307A. As listed in Table 9, no SSIs were identified at MW-29, MW-30, MW-306, and MW-307A.

Semiannual delineation monitoring for benzene and cobalt will be conducted at MW-29, MW-30, MW-306, and MW-307A in Spring 2026.

7.1.5 Background Monitoring

In August 2025, semiannual background monitoring for the Appendix I and detected Appendix II constituents was conducted at MW-9AR and MW-201B. In addition, the potential background expansion wells (i.e., MW-204A/B, MW-213A/B, MW-214, MW-215, and MW-218) were monitored for the Appendix I list in August 2025 to continue to evaluate for background expansion or provide additional data regarding conditions in the Indian Creek floodplain over time. As further discussed in Section 3.1, these locations were not added to the background monitoring network or utilized for statistical comparisons at this time. The potential background expansion review recommended handling background conditions within the Indian Creek floodplain through site-specific GWPS evaluations. Sampling from other background wells did not provide sufficient evidence of other naturally occurring concentrations (spatially or geologically) for modification of the interwell background monitoring network.

Semiannual background monitoring for the Appendix I and detected Appendix II constituents will be continued at MW-9AR and MW-201B in Spring 2026. Consideration has been given to resampling the full Appendix II list at the background monitoring locations when the assessment and corrective action monitoring locations are resampled. The dates of the next five-year resampling events for background monitoring wells MW-9AR and MW-201B are provided in Table 2 of the 2025 AWQR.

Background monitoring at MW-214 and MW-215 will be discontinued in 2026. At MW-213A, semiannual monitoring for the Appendix I list will be continued to build the site-specific cobalt background data set for the Indian Creek floodplain. Biennial monitoring, at a minimum, is recommended for MW-204A, MW-204B, MW-213B, and MW-218 to provide data regarding conditions in the Indian Creek floodplain over time. In addition, consideration will be given to more frequent monitoring at MW-204A, MW-204B, MW-213B, and MW-218 based on atmospheric and subsurface conditions during semiannual events. Monitoring for the Appendix I list may be conducted at MW-204A, MW-204B, MW-213B, and MW-218 during any semiannual event if heavy precipitation occurs before or during the sampling event or if reddish-orange turbidity is identified in compliance wells located within the Indian Creek floodplain.

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 detections 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.

The statistical analysis methods utilized for comparison to background were the DQR and "1-of-2" intrawell and interwell prediction limits as recommended in the Unified Guidance (USEPA, 2009).

Background Data Set

The interwell background data set was modified in the *Hydrologic Monitoring System Plan* (HDR, 2021) to use only MW-9AR and MW-201B. The high-volume results collected before April 2015 were removed before conducting statistical analyses. Therefore, the interwell background data set consists of the April 2015 to current results in the combined MW-9AR and MW-201B background data set.

Double Quantification Rule

The DQR will be used to evaluate SSIs over background for the Appendix I and II constituents that were not detected above the reporting limit in the background data sets. 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 are below the limit. If applicable, the resample 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. The non-parametric prediction limit will be taken as the maximum order statistic (maximum value) of the background data.

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 April 2015 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 on 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 on page 19-14 of the Unified Guidance (USEPA, 2009).

Sanitas® v10.1. software (Sanitas Technologies) will be used to check distributional assumptions, perform Kaplan-Meier in the case of 50% to 85% detects in the background data set, 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 data set. 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 IAC 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.

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) "USEPA'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 567 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 Intrawell Prediction Limit Calculations

Intrawell Prediction Limit

Constituent	Well	Upper Limit	Date	Observation	Exceed	Background N	Background Mean	Standard Deviation	% Non-detects	Non-detect Adjustment	Transformation	Alpha	Method
Groundwater Underdrain - GU-1													
Arsenic (mg/L)	GU-1	0.09105	8/25/2025	0.00132J	No	23	-4.907	1.042	0	None	ln(x)	0.0004115	Param Intra 1 of 2
Barium (mg/L)	GU-1	1.443	8/25/2025	0.178	No	23	0.6782	0.3175	0	None	No	0.0004115	Param Intra 1 of 2
Cobalt (mg/L)	GU-1	0.0198	8/25/2025	0.00321	No	23	n/a	n/a	0	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Lead (mg/L)	GU-1	0.000943	8/25/2025	0.00025ND	No	20	n/a	n/a	80	n/a	n/a	0.004291	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GU-1	0.06745	8/25/2025	0.0369	No	23	0.048	0.00807	0	None	No	0.0004115	Param Intra 1 of 2
Zinc (mg/L)	GU-1	0.02	8/25/2025	0.0138J	No	22	n/a	n/a	64	n/a	n/a	0.003707	NP Intra (NDs) 1 of 2
Groundwater Underdrain - GU-L													
Arsenic (mg/L)	GU-L	0.0069	8/25/2025	0.000774J	No	20	n/a	n/a	35	n/a	n/a	0.004291	NP Intra (normality) 1 of 2
Barium (mg/L)	GU-L	0.1037	8/25/2025	0.01	No	19	0.04457	0.0236	0	None	No	0.0004115	Param Intra 1 of 2
Cobalt (mg/L)	GU-L	0.0129	8/25/2025	0.00025ND	No	20	n/a	n/a	10	n/a	n/a	0.004291	NP Intra (normality) 1 of 2
Nickel (mg/L)	GU-L	0.01066	8/25/2025	0.0025ND	No	20	0.004431	0.002521	25	Kaplan-Meier	No	0.0004115	Param Intra 1 of 2
Groundwater Underdrain - GU-O													
Arsenic (mg/L)	GU-O	0.005158	8/25/2025	0.00138J	No	10	0.002649	0.000809	0	None	No	0.0004115	Param Intra 1 of 2
Barium (mg/L)	GU-O	0.372	8/25/2025	0.303	No	10	n/a	n/a	0	n/a	n/a	0.01476	NP Intra (normality) 1 of 2
Cobalt (mg/L)	GU-O	0.001564	8/25/2025	0.00025ND	No	10	-7.817	0.4377	30	Kaplan-Meier	ln(x)	0.0004115	Param Intra 1 of 2
Groundwater Underdrain - GU-P													
Arsenic (mg/L)	GU-P	0.004019	8/25/2025	0.00199J	No	8	0.002354	0.000473	0	None	No	0.0004115	Param Intra 1 of 2
Barium (mg/L)	GU-P	0.3526	8/25/2025	0.28	No	9	0.299	0.01619	0	None	No	0.0004115	Param Intra 1 of 2
Cobalt (mg/L)	GU-P	0.002072	8/25/2025	0.000378J	No	8	0.0008556	0.000345	0	None	No	0.0004115	Param Intra 1 of 2
Lead (mg/L)	GU-P	0.000526	8/25/2025	0.00025ND	No	8	n/a	n/a	88	n/a	n/a	0.02144	NP Intra (NDs) 1 of 2
Detection Monitoring Location - MW-501													
Arsenic (mg/L)	MW-501	0.0126	8/26/2025	0.001ND	No	8	n/a	n/a	38	n/a	n/a	0.02144	NP Intra (normality) 1 of 2
Barium (mg/L)	MW-501	0.08662	8/26/2025	0.0187	No	8	0.0398	0.01328	0	None	No	0.0004115	Param Intra 1 of 2
Cadmium (mg/L)	MW-501	0.0004288	8/26/2025	0.000161J	No	8	0.0001303	8.47E-05	38	Kaplan-Meier	No	0.0004115	Param Intra 1 of 2
Cobalt (mg/L)	MW-501	0.01827	8/26/2025	0.00724	No	8	0.006415	0.003365	0	None	No	0.0004115	Param Intra 1 of 2
Lead (mg/L)	MW-501	0.00234	8/26/2025	0.00025ND	No	8	n/a	n/a	75	n/a	n/a	0.02144	NP Intra (NDs) 1 of 2
Nickel (mg/L)	MW-501	0.0415	8/26/2025	0.0184	No	8	n/a	n/a	0	n/a	n/a	0.02144	NP Intra (normality) 1 of 2

Notes:

• Intrawell background was not updated during the Fall 2025 statistical evaluation. Intrawell background was last updated in the Spring 2025 statistical evaluation. Note that background data set adjustments were incorporated in accordance with Section 3 of the Fall 2025 Statistical Evaluation memo.

• Intrawell background for GU-1 and GU-L consists of the Oct. 2015 to Sep. 2024 data at these locations.

• Intrawell background for GU-O consists of the Apr. 2018 to Sep. 2024 data at this location.

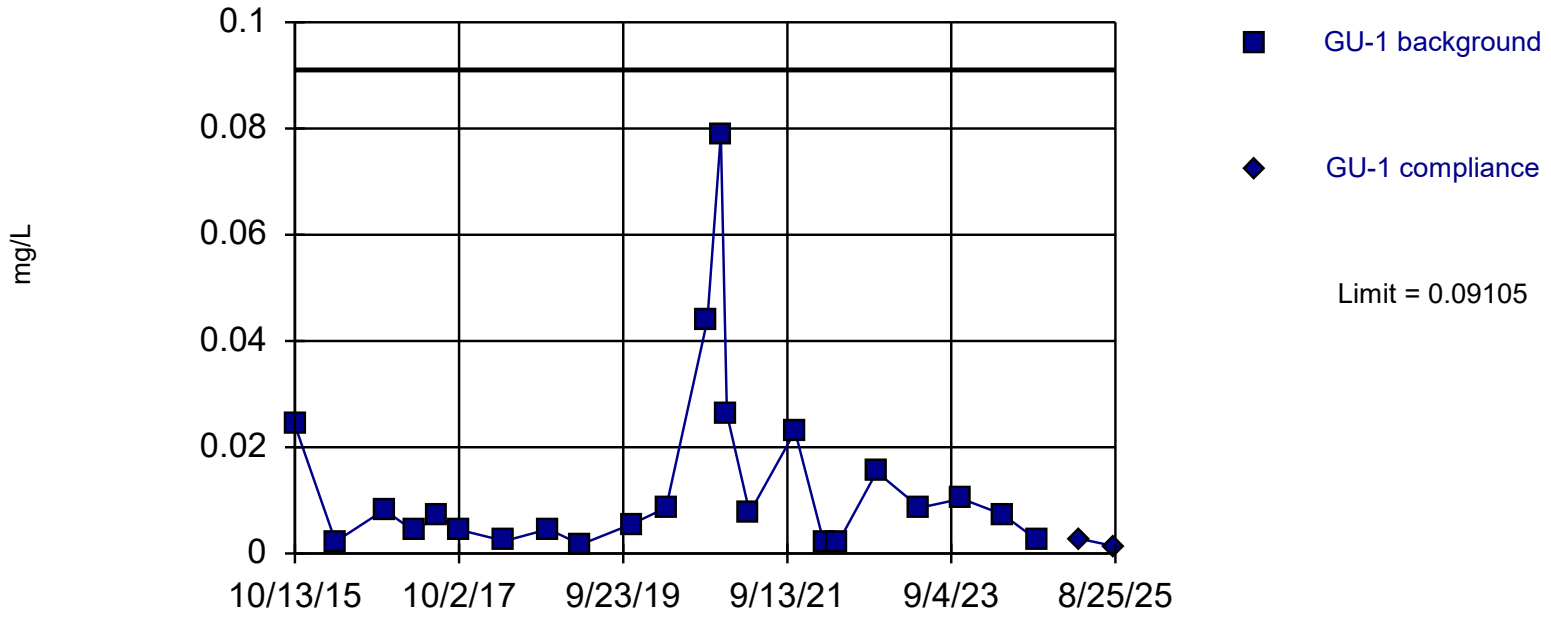
• Intrawell background for GU-P consists of the Feb. 2022 to Sep. 2024 data at this location.

• Intrawell background for MW-501 consists of the Mar. 2021 to Apr. 2023 and Sep. 2024 data at this location.

Within Limit

Prediction Limit - Detection Monitoring

Intrawell Parametric



Background Data Summary (based on natural log transformation): Mean=-4.907, Std. Dev.=1.042, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9458, critical = 0.881. Kappa = 2.411 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

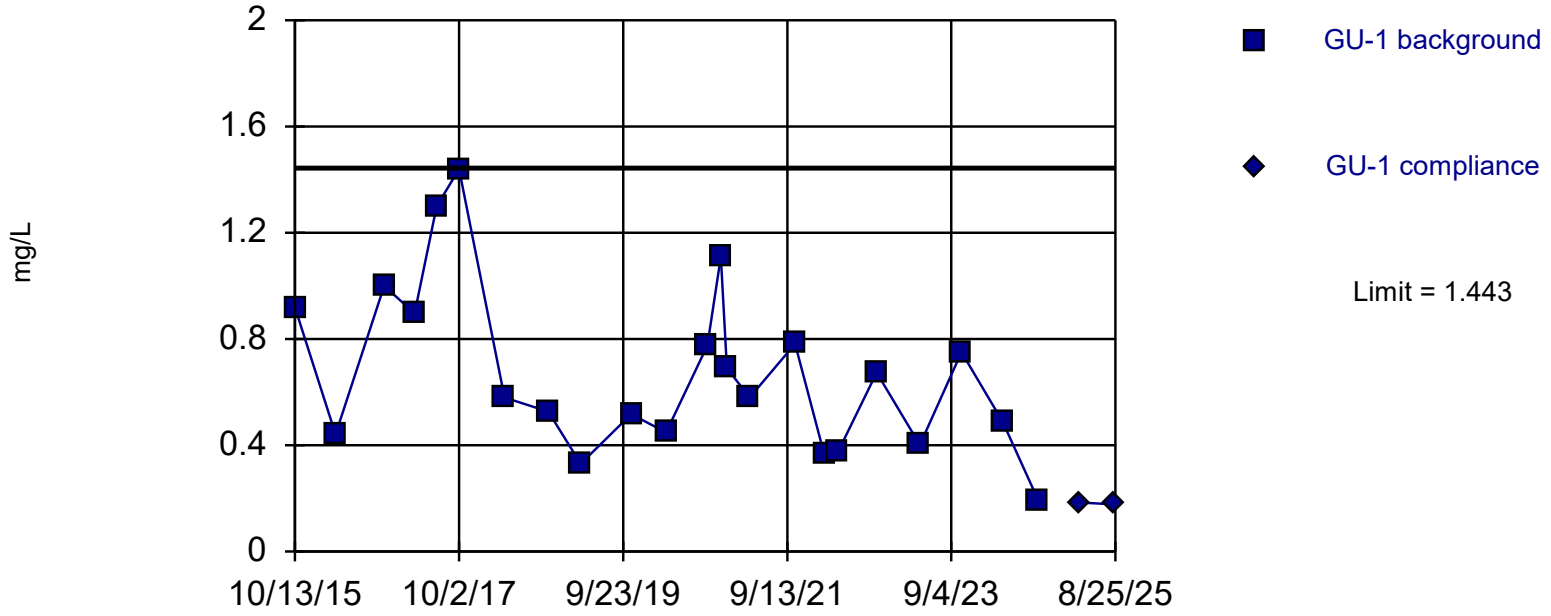
Constituent: Arsenic Analysis Run 10/21/2025 9:45 AM

Linn County SWAL Client: Foth Data: Site 2 - Fall 2025 Statistical Evaluation

Within Limit

Prediction Limit - Detection Monitoring

Intrawell Parametric



Background Data Summary: Mean=0.6782, Std. Dev.=0.3175, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9404, critical = 0.881. Kappa = 2.411 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

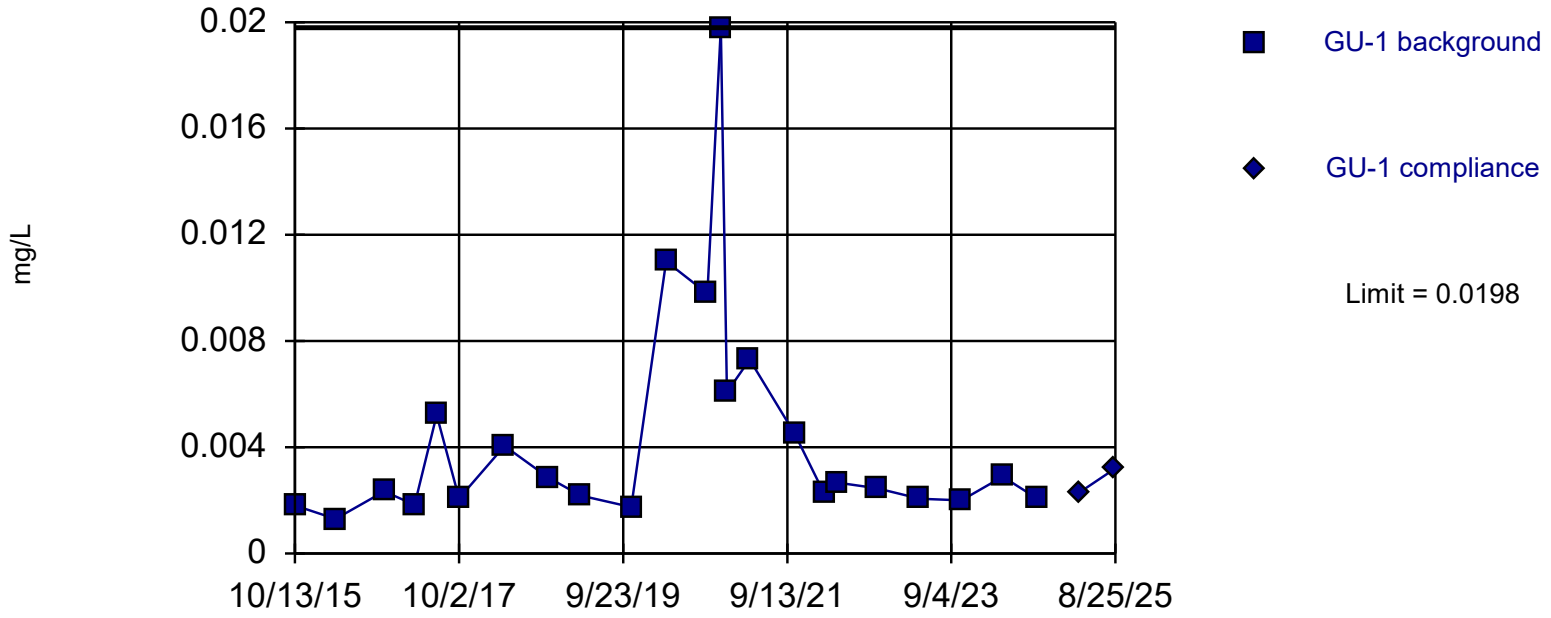
Constituent: Barium Analysis Run 10/21/2025 9:45 AM

Linn County SWAL Client: Foth Data: Site 2 - Fall 2025 Statistical Evaluation

Within Limit

Prediction Limit - Detection Monitoring

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 23 background values. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Cobalt Analysis Run 10/21/2025 9:45 AM

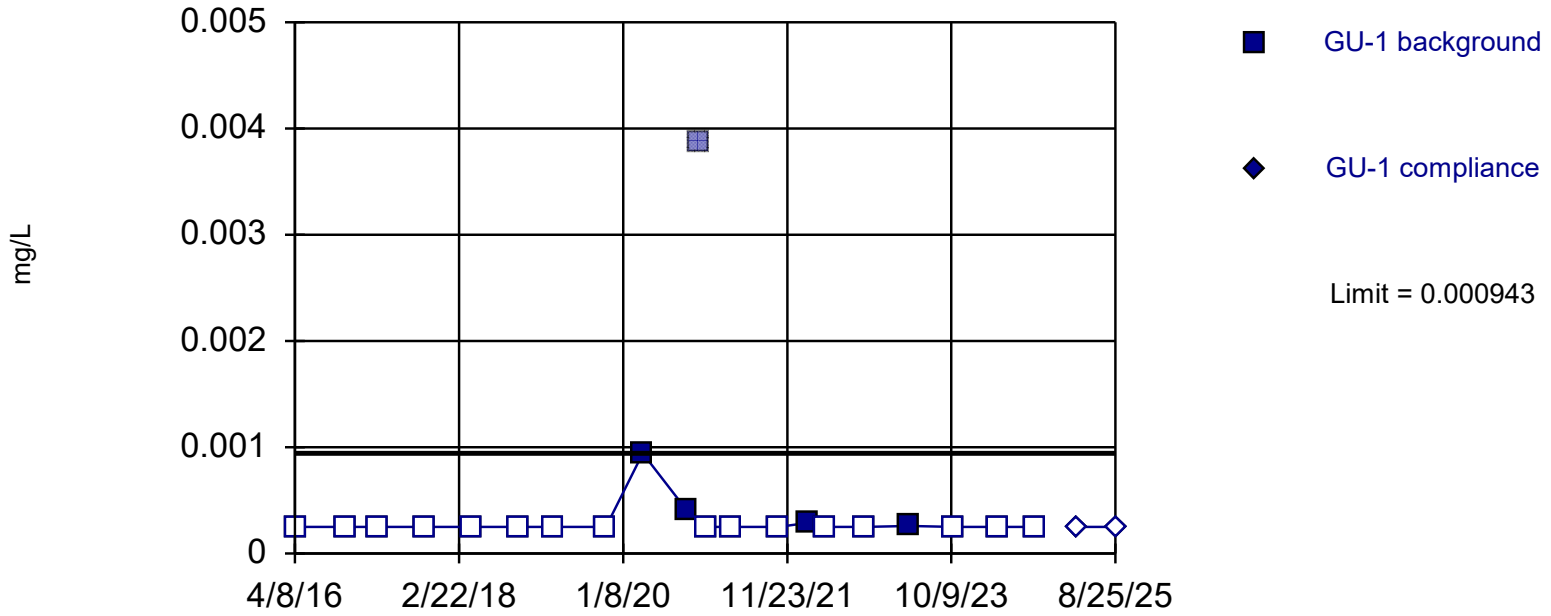
Linn County SWAL Client: Foth Data: Site 2 - Fall 2025 Statistical Evaluation

Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Detection Monitoring

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 20 background values. 80% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

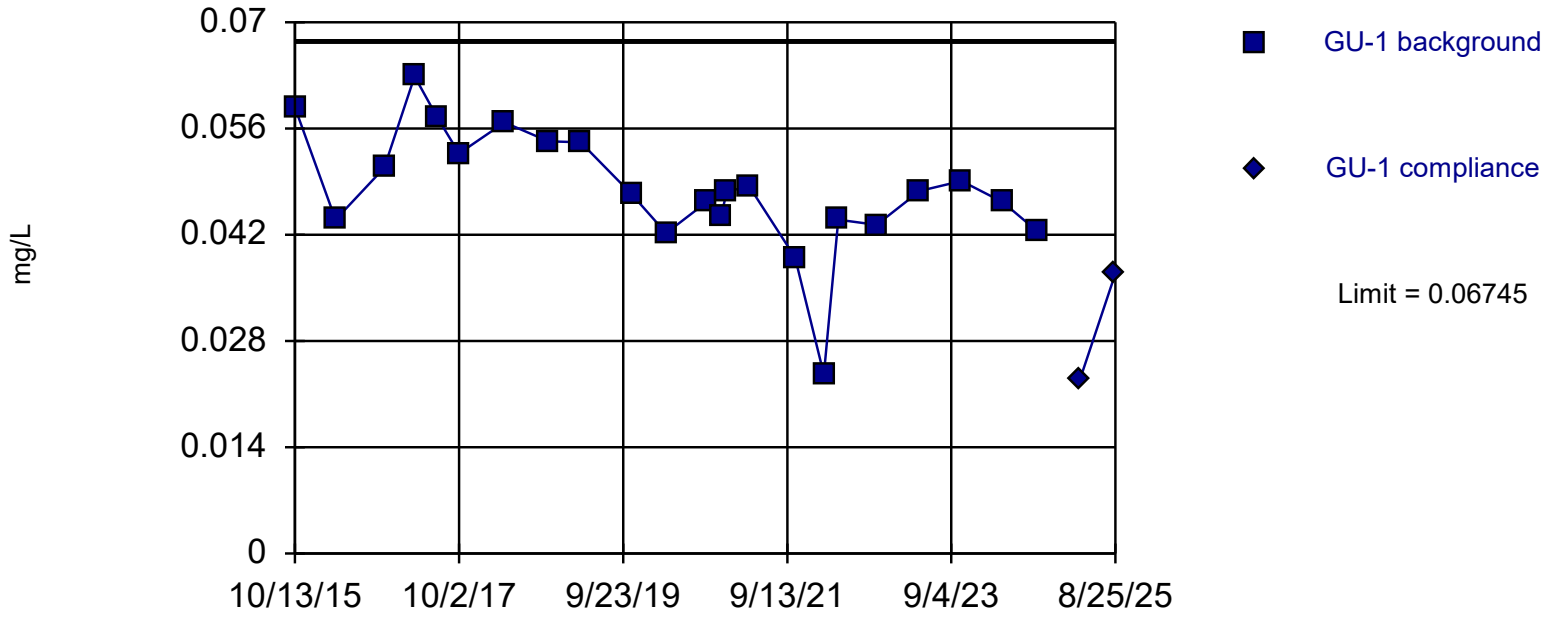
Constituent: Lead Analysis Run 10/21/2025 9:45 AM

Linn County SWAL Client: Foth Data: Site 2 - Fall 2025 Statistical Evaluation

Within Limit

Prediction Limit - Detection Monitoring

Intrawell Parametric



Background Data Summary: Mean=0.048, Std. Dev.=0.00807, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9294, critical = 0.881. Kappa = 2.411 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

Constituent: Nickel Analysis Run 10/21/2025 9:45 AM

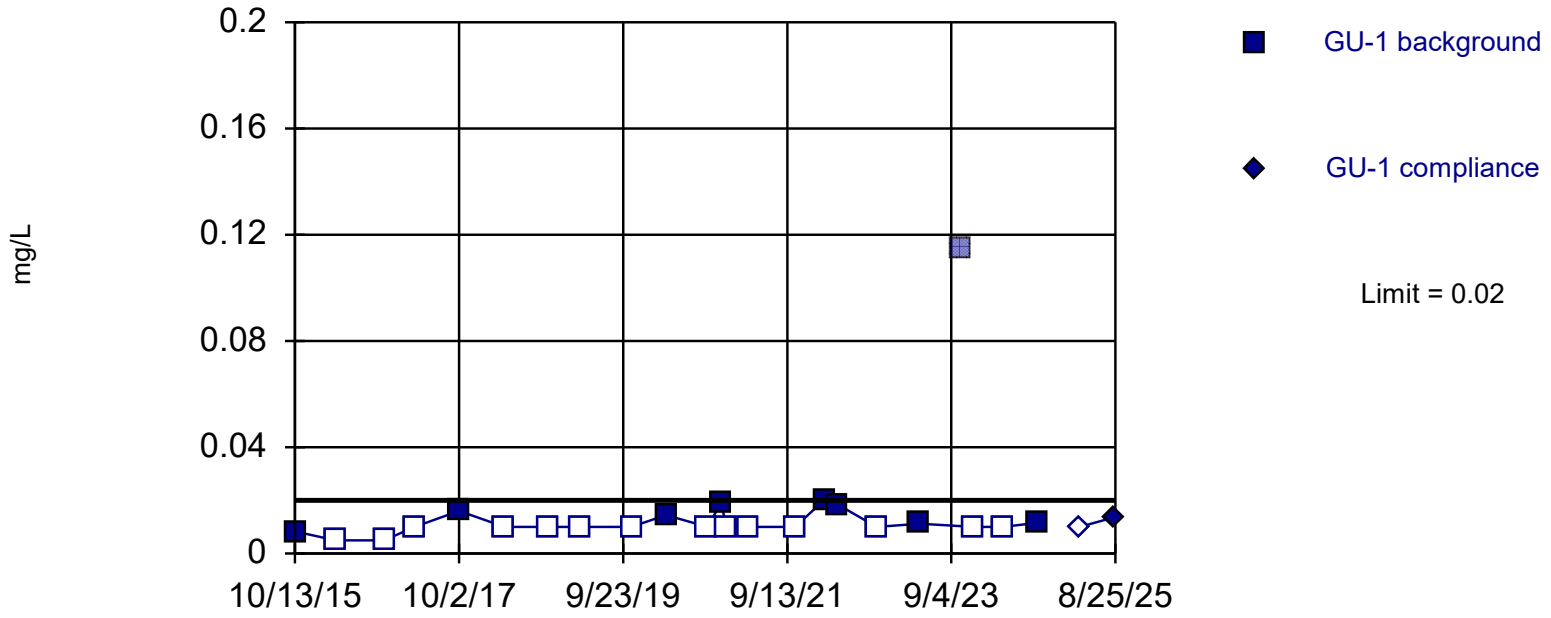
Linn County SWAL Client: Foth Data: Site 2 - Fall 2025 Statistical Evaluation

Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Detection Monitoring

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 63.64% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Zinc Analysis Run 10/21/2025 9:45 AM

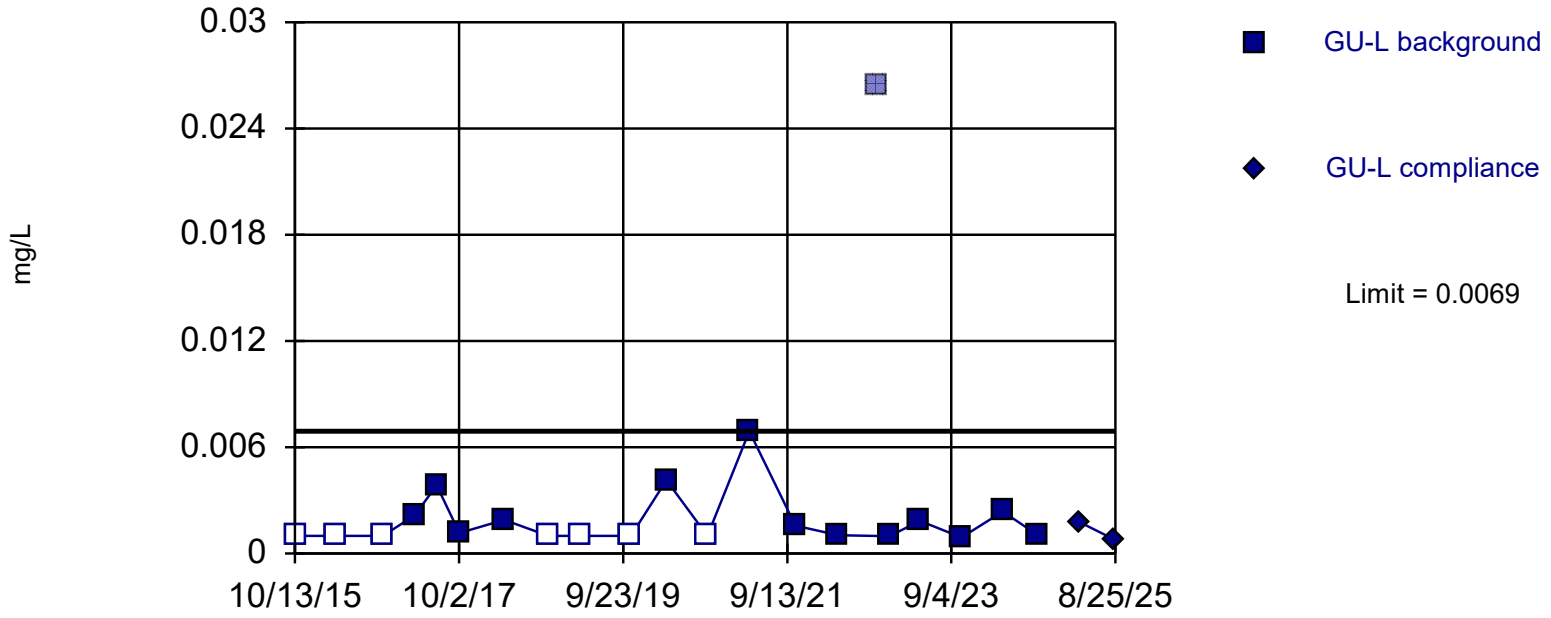
Linn County SWAL Client: Foth Data: Site 2 - Fall 2025 Statistical Evaluation

Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Detection Monitoring

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 20 background values. 35% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

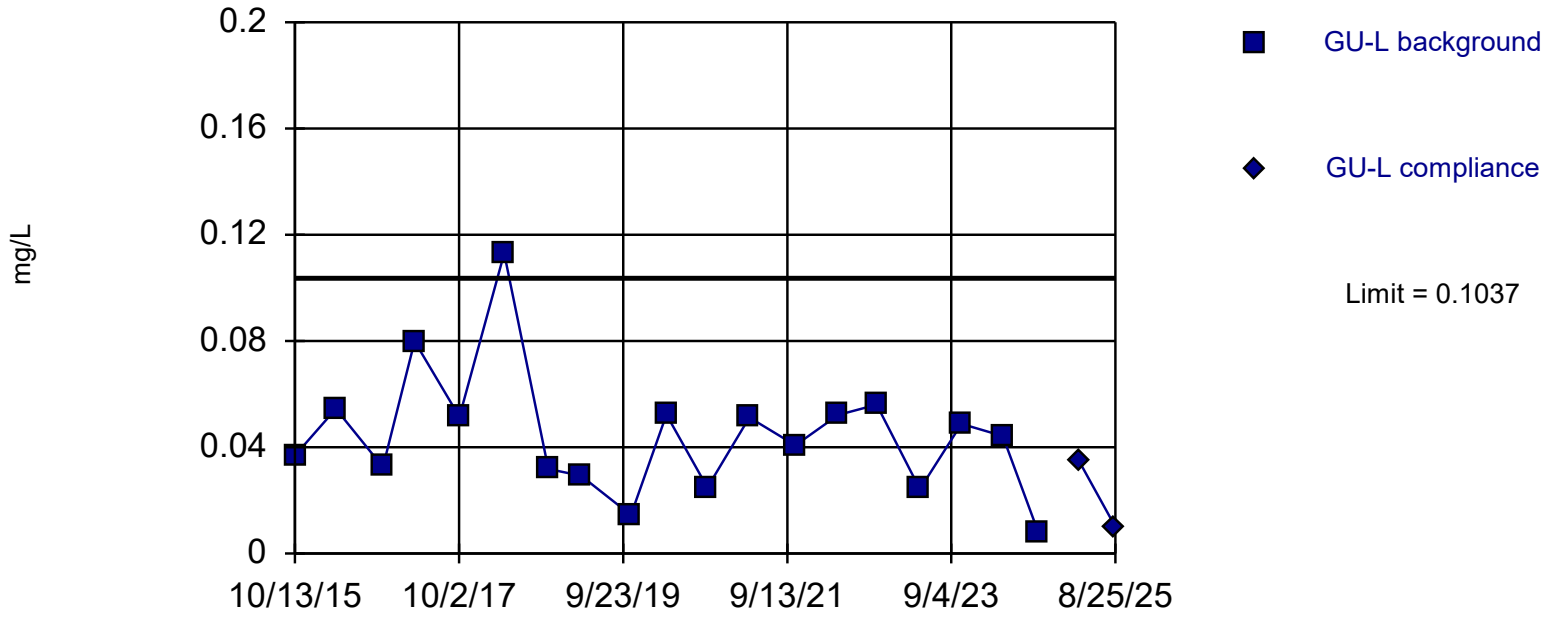
Constituent: Arsenic Analysis Run 10/21/2025 9:33 AM

Linn County SWAL Client: Foth Data: Site 2 - Fall 2025 Statistical Evaluation

Within Limit

Prediction Limit - Detection Monitoring

Intrawell Parametric



Background Data Summary: Mean=0.04457, Std. Dev.=0.0236, n=19. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8999, critical = 0.863. Kappa = 2.505 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

Constituent: Barium Analysis Run 10/21/2025 9:33 AM

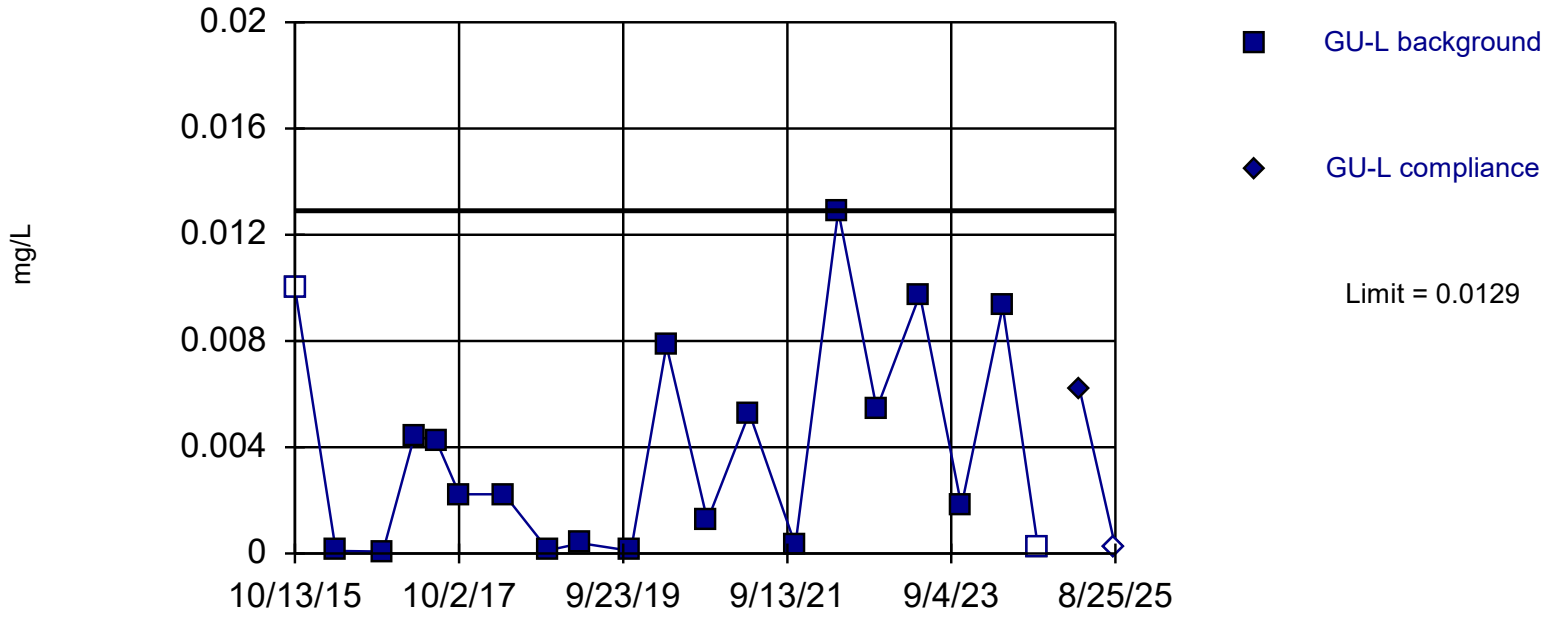
Linn County SWAL Client: Foth Data: Site 2 - Fall 2025 Statistical Evaluation

Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Detection Monitoring

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 20 background values. 10% NDs. Well-constituent pair annual alpha = 0.008564. Individual comparison alpha = 0.004291 (1 of 2).

Constituent: Cobalt Analysis Run 10/21/2025 9:45 AM

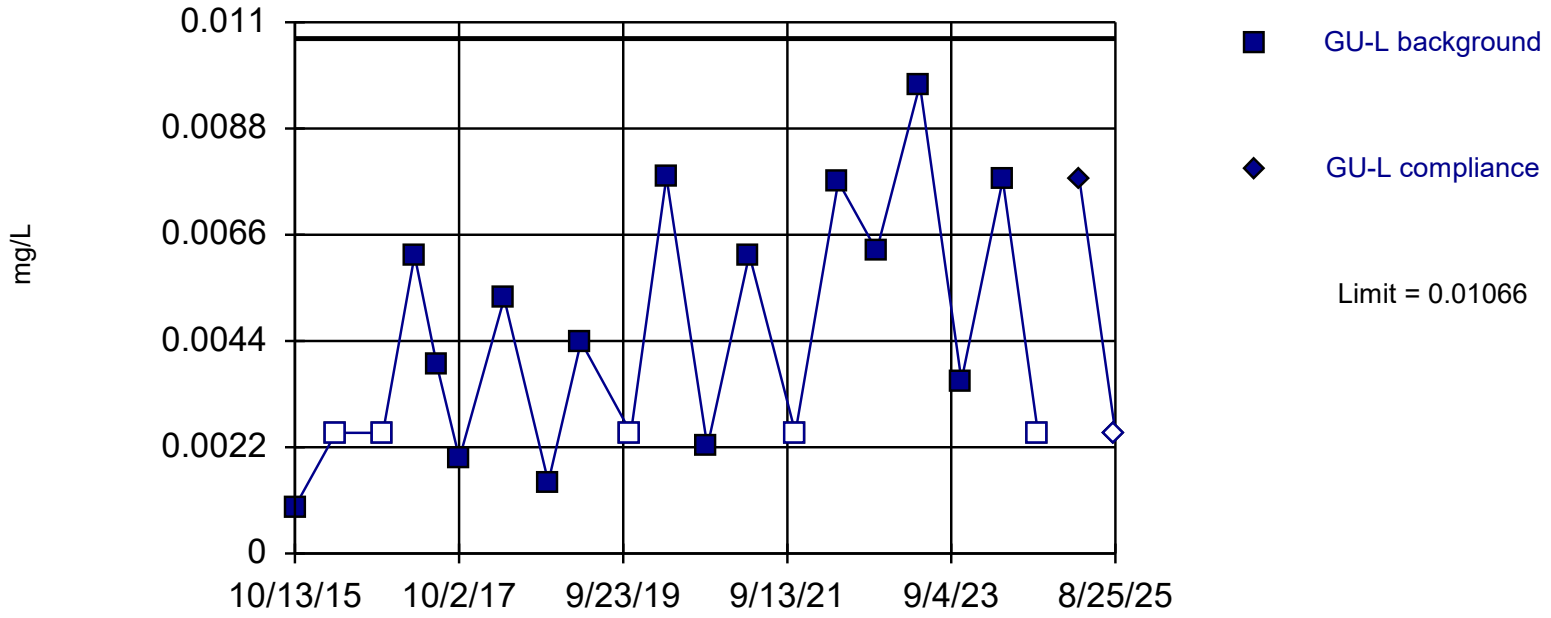
Linn County SWAL Client: Foth Data: Site 2 - Fall 2025 Statistical Evaluation

Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Detection Monitoring

Intrawell Parametric



Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.004431, Std. Dev.=0.002521, n=20, 25% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9137, critical = 0.868. Kappa = 2.472 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

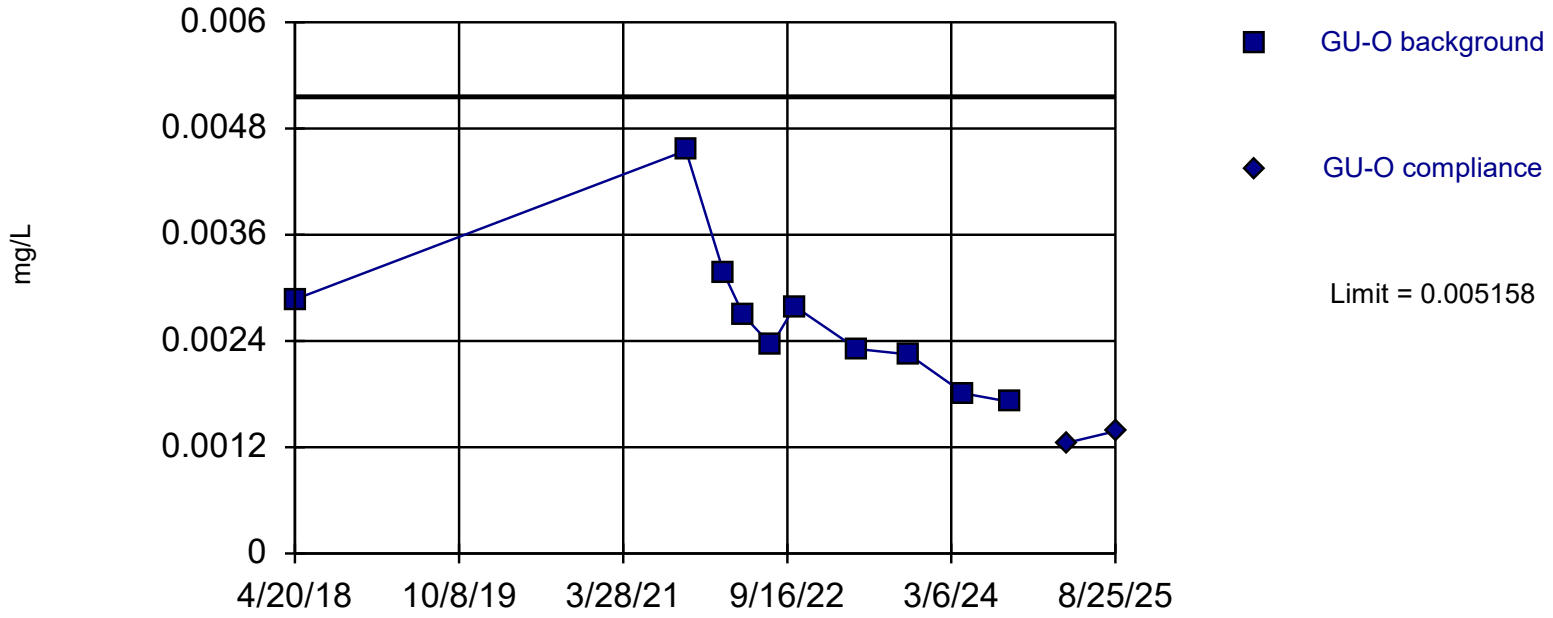
Constituent: Nickel Analysis Run 10/21/2025 9:33 AM

Linn County SWAL Client: Foth Data: Site 2 - Fall 2025 Statistical Evaluation

Within Limit

Prediction Limit - Detection Monitoring

Intrawell Parametric



Background Data Summary: Mean=0.002649, Std. Dev.=0.0008093, n=10. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8813, critical = 0.781. Kappa = 3.1 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

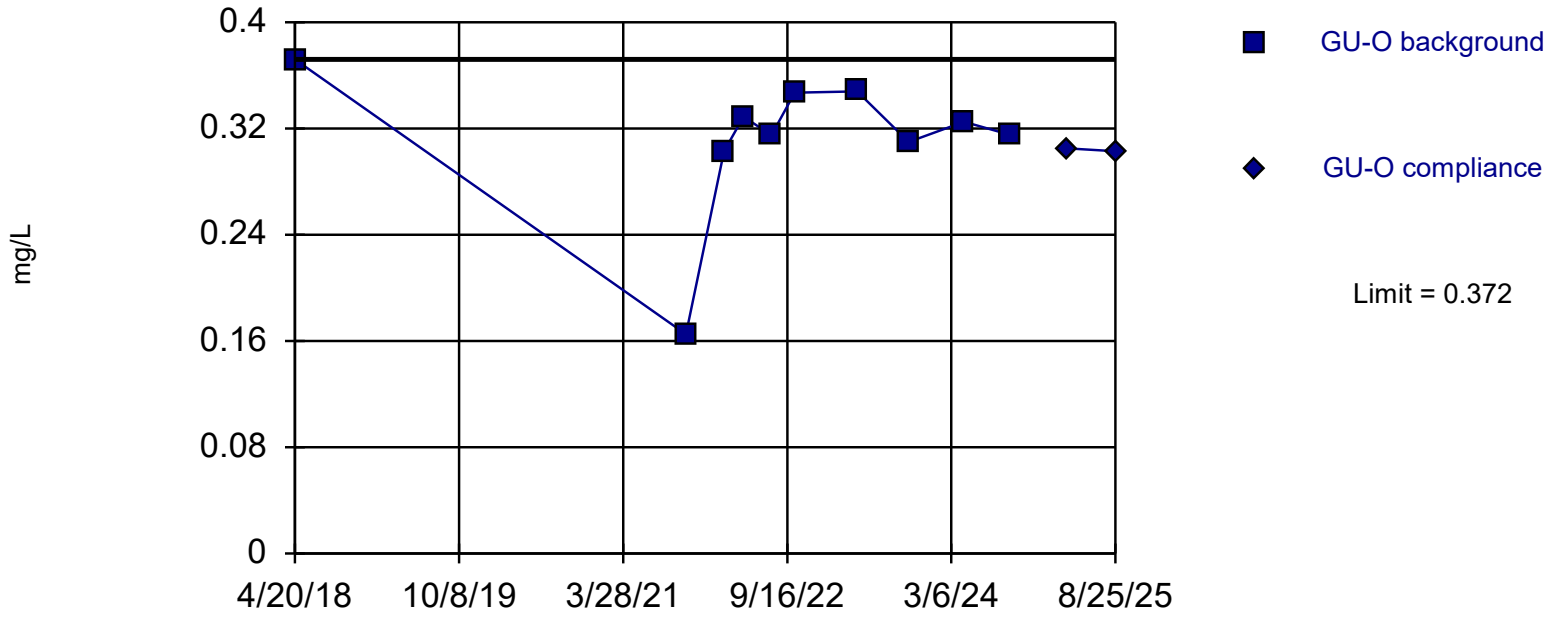
Constituent: Arsenic Analysis Run 10/21/2025 9:56 AM

Linn County SWAL Client: Foth Data: Site 2 - Fall 2025 Statistical Evaluation

Within Limit

Prediction Limit - Detection Monitoring

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 10 background values. Well-constituent pair annual alpha = 0.0293. Individual comparison alpha = 0.01476 (1 of 2).

Constituent: Barium Analysis Run 10/21/2025 9:56 AM

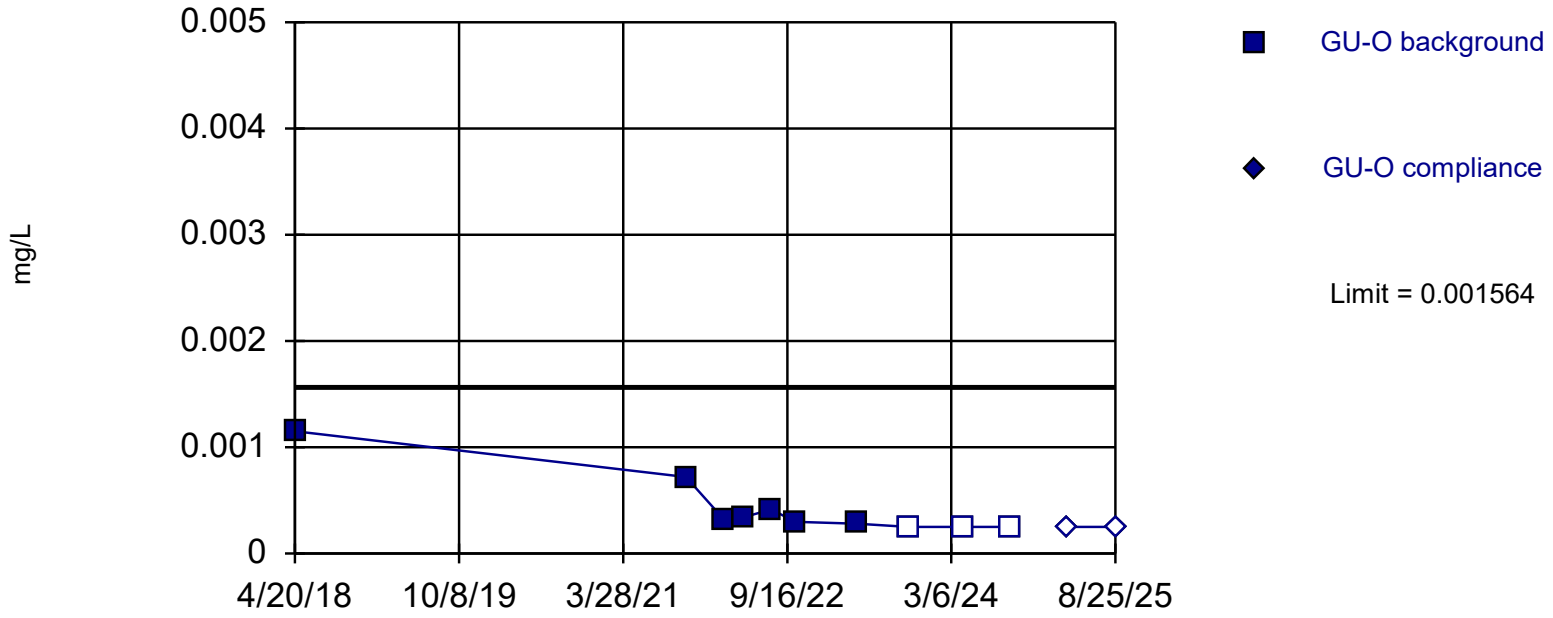
Linn County SWAL Client: Foth Data: Site 2 - Fall 2025 Statistical Evaluation

Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Detection Monitoring

Intrawell Parametric



Background Data Summary (based on natural log transformation) (after Kaplan-Meier Adjustment): Mean=-7.817, Std. Dev.=0.4377, n=10, 30% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7858, critical = 0.781. Kappa = 3.1 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

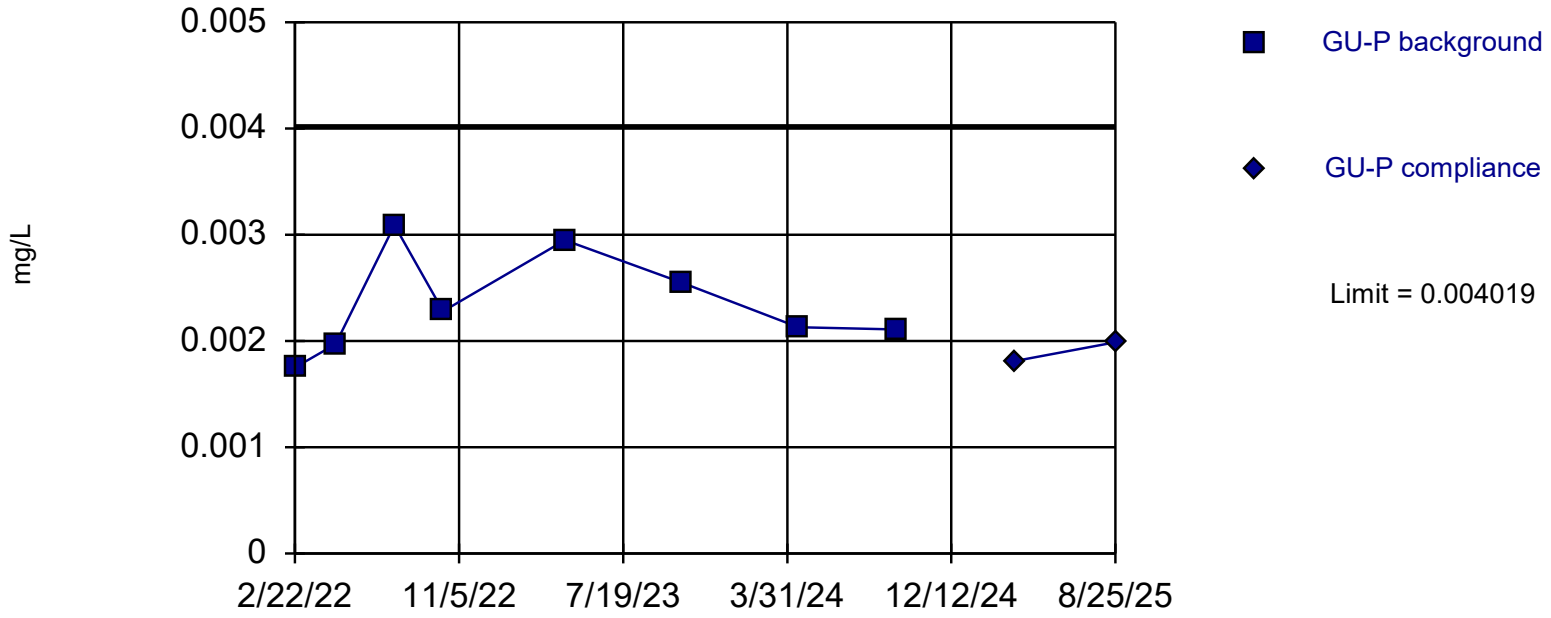
Constituent: Cobalt Analysis Run 10/21/2025 9:56 AM

Linn County SWAL Client: Foth Data: Site 2 - Fall 2025 Statistical Evaluation

Within Limit

Prediction Limit - Detection Monitoring

Intrawell Parametric



Background Data Summary: Mean=0.002354, Std. Dev.=0.0004725, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9309, critical = 0.749. Kappa = 3.524 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

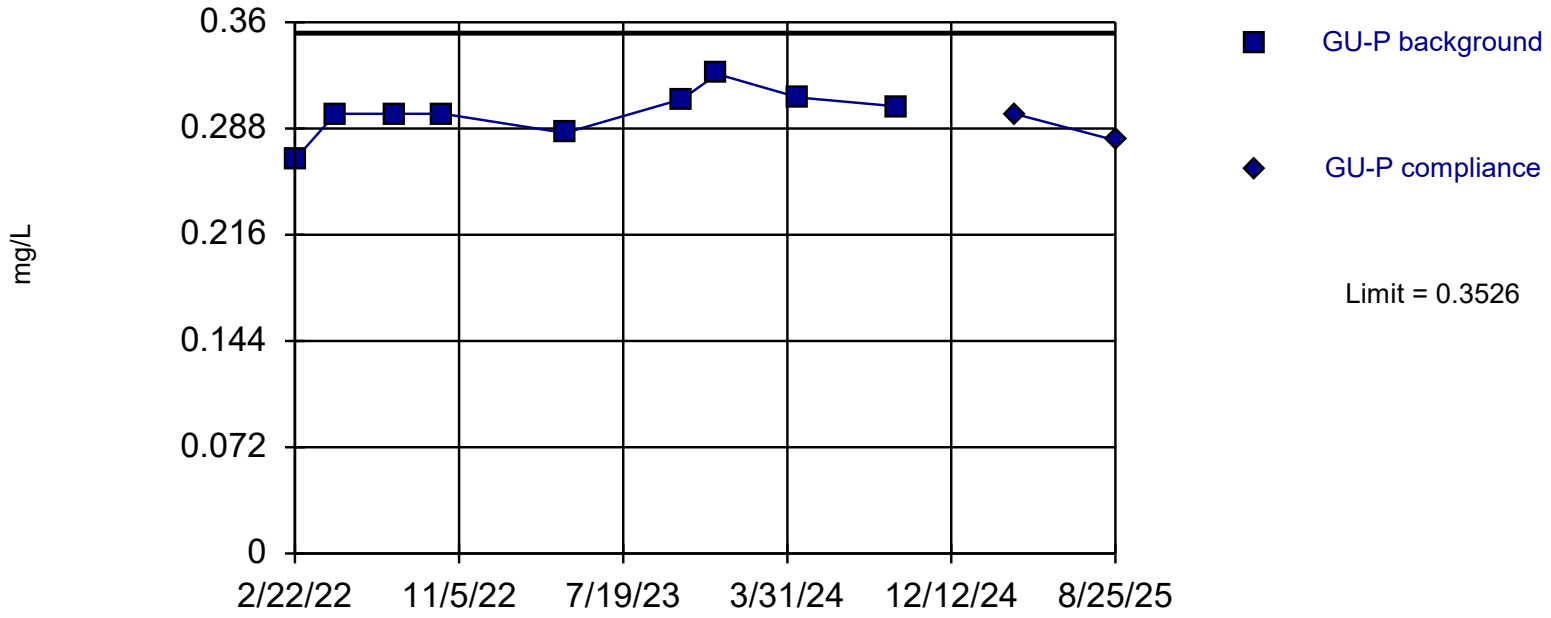
Constituent: Arsenic Analysis Run 10/21/2025 10:14 AM

Linn County SWAL Client: Foth Data: Site 2 - Fall 2025 Statistical Evaluation

Within Limit

Prediction Limit - Detection Monitoring

Intrawell Parametric



Background Data Summary: Mean=0.299, Std. Dev.=0.01619, n=9. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9399, critical = 0.764. Kappa = 3.312 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

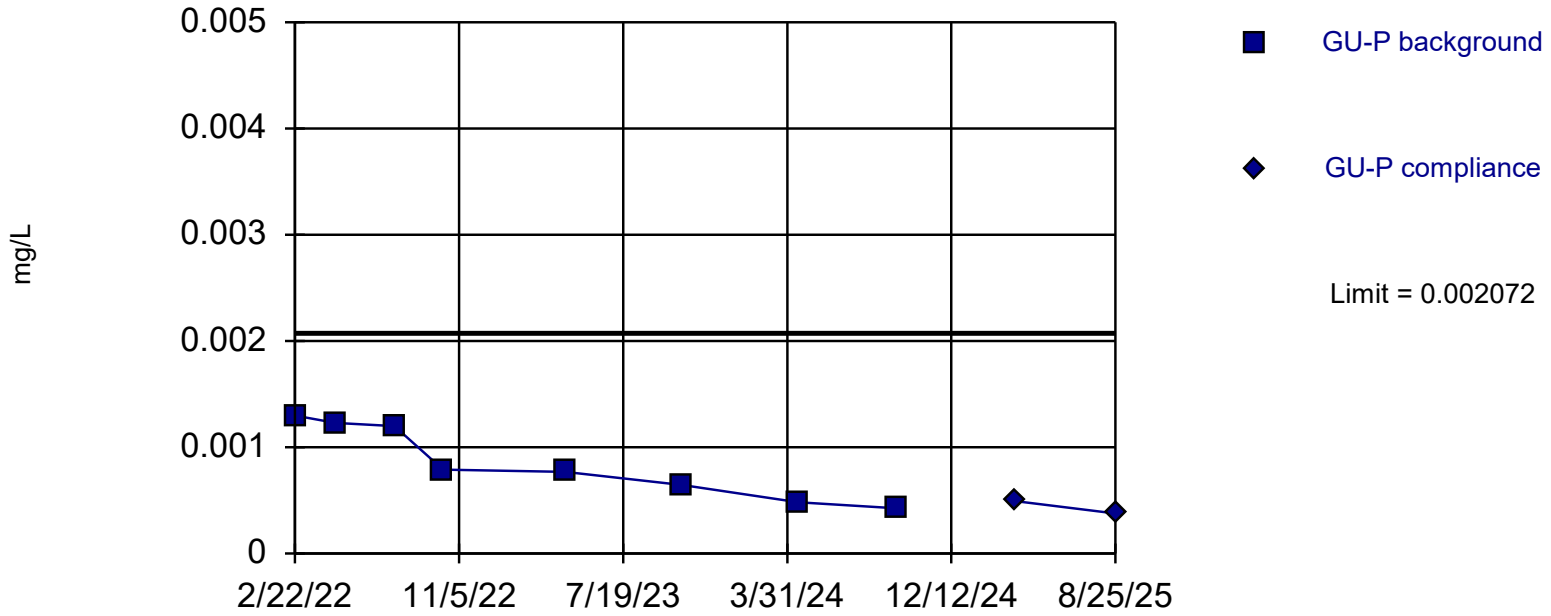
Constituent: Barium Analysis Run 10/21/2025 10:14 AM

Linn County SWAL Client: Foth Data: Site 2 - Fall 2025 Statistical Evaluation

Within Limit

Prediction Limit - Detection Monitoring

Intrawell Parametric



Background Data Summary: Mean=0.0008556, Std. Dev.=0.0003452, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8913, critical = 0.749. Kappa = 3.524 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

Constituent: Cobalt Analysis Run 10/21/2025 10:14 AM

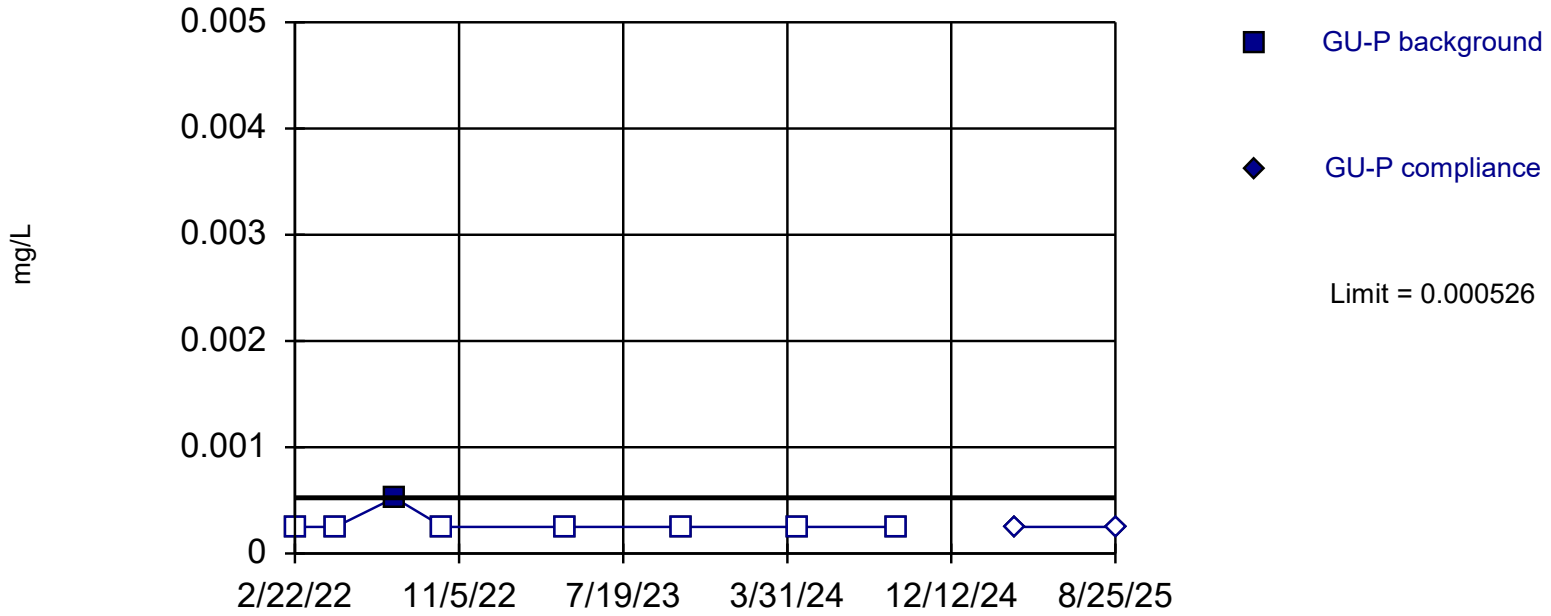
Linn County SWAL Client: Foth Data: Site 2 - Fall 2025 Statistical Evaluation

Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Detection Monitoring

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Lead Analysis Run 10/21/2025 10:14 AM

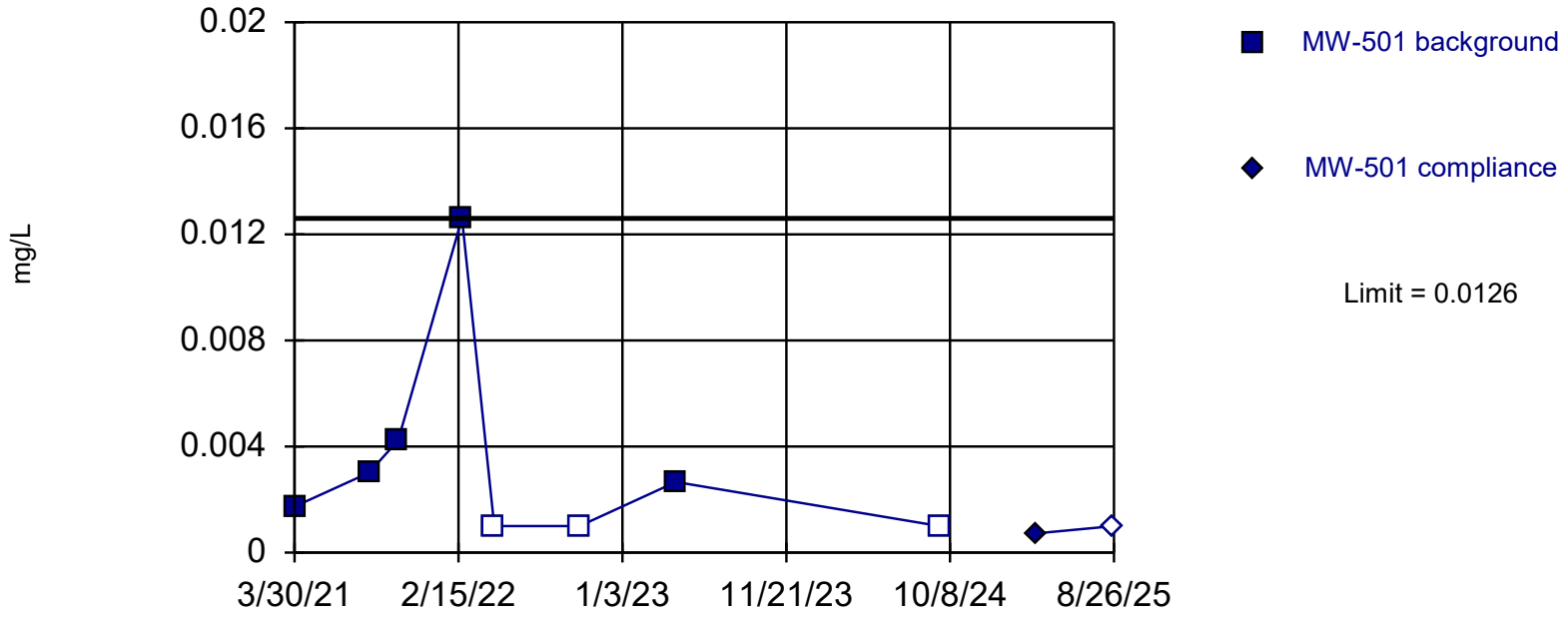
Linn County SWAL Client: Foth Data: Site 2 - Fall 2025 Statistical Evaluation

Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Detection Monitoring

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 8 background values. 37.5% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

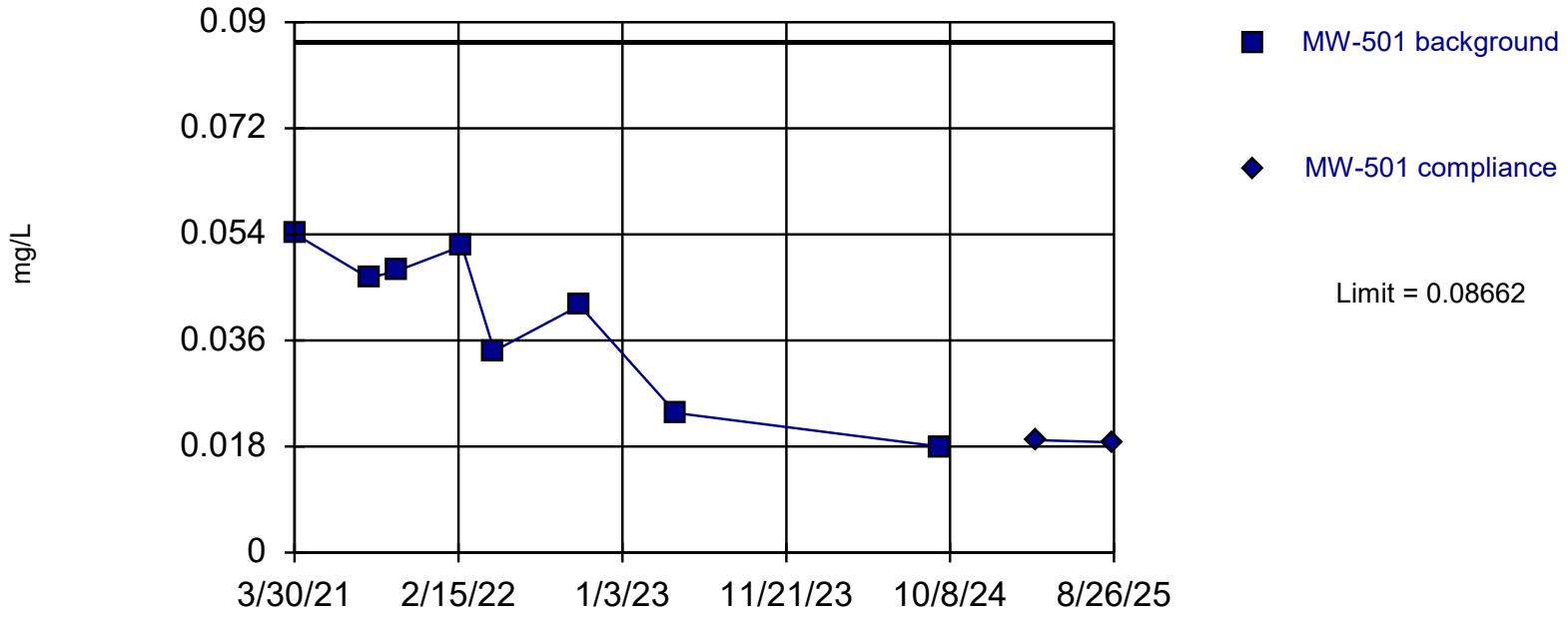
Constituent: Arsenic Analysis Run 10/21/2025 10:34 AM

Linn County SWAL Client: Foth Data: Site 2 - Fall 2025 Statistical Evaluation

Within Limit

Prediction Limit - Detection Monitoring

Intrawell Parametric



Background Data Summary: Mean=0.0398, Std. Dev.=0.01328, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9059, critical = 0.749. Kappa = 3.524 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

Constituent: Barium Analysis Run 10/21/2025 10:27 AM

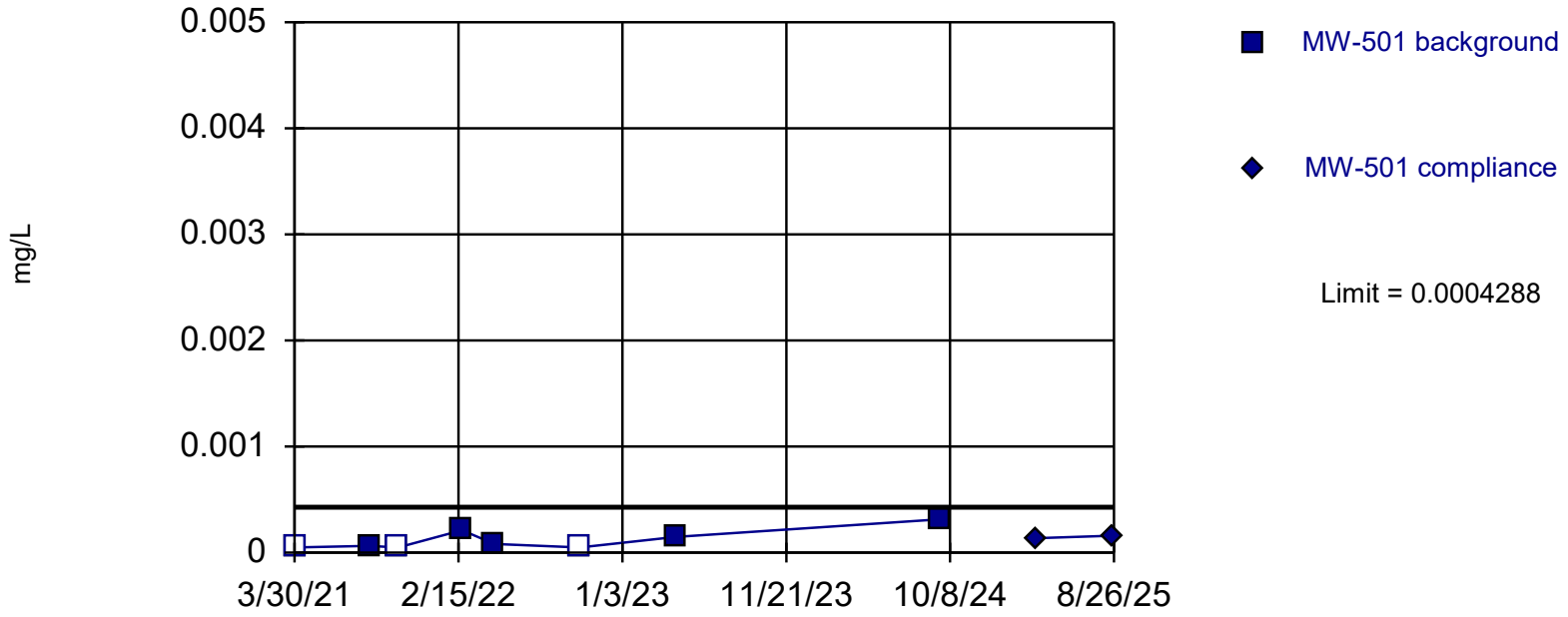
Linn County SWAL Client: Foth Data: Site 2 - Fall 2025 Statistical Evaluation

Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Detection Monitoring

Intrawell Parametric



Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.0001303, Std. Dev.=0.0000847, n=8, 37.5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7946, critical = 0.749. Kappa = 3.524 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

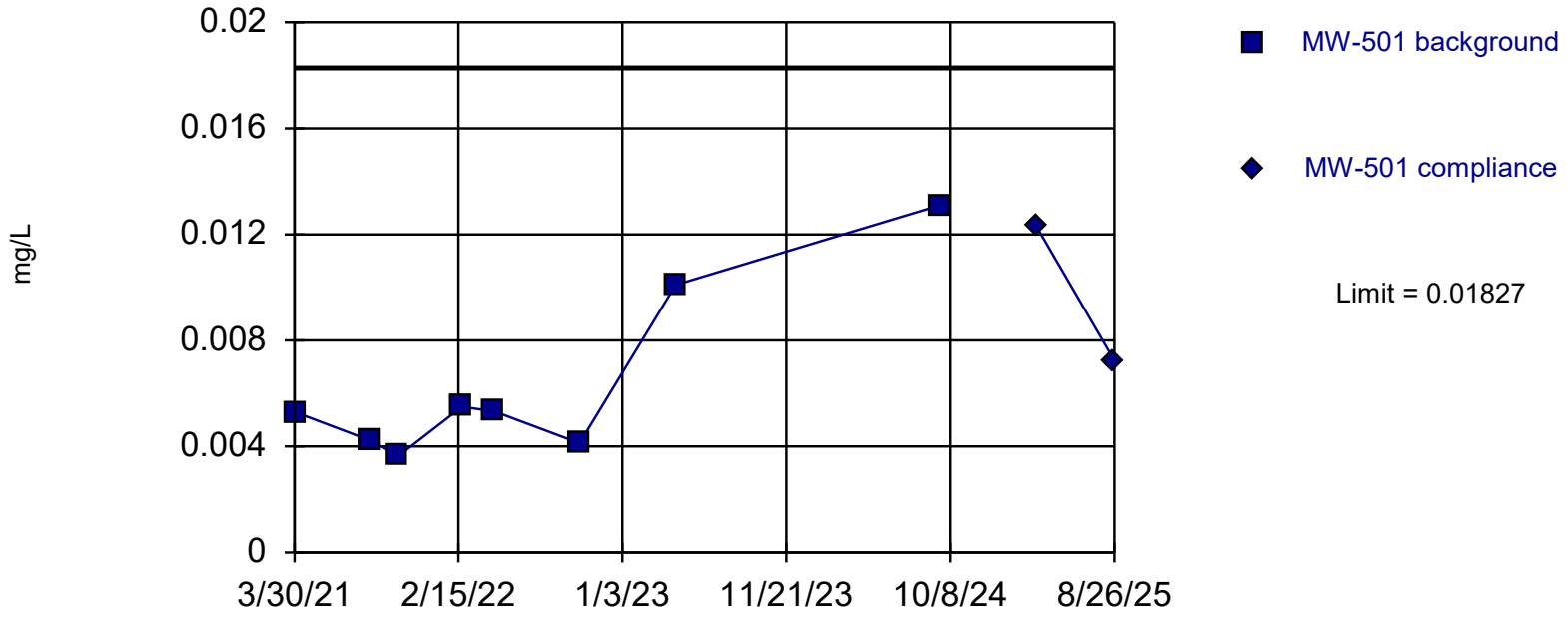
Constituent: Cadmium Analysis Run 10/21/2025 10:27 AM

Linn County SWAL Client: Foth Data: Site 2 - Fall 2025 Statistical Evaluation

Within Limit

Prediction Limit - Detection Monitoring

Intrawell Parametric



Background Data Summary: Mean=0.006415, Std. Dev.=0.003365, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7762, critical = 0.749. Kappa = 3.524 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

Constituent: Cobalt Analysis Run 10/21/2025 10:27 AM

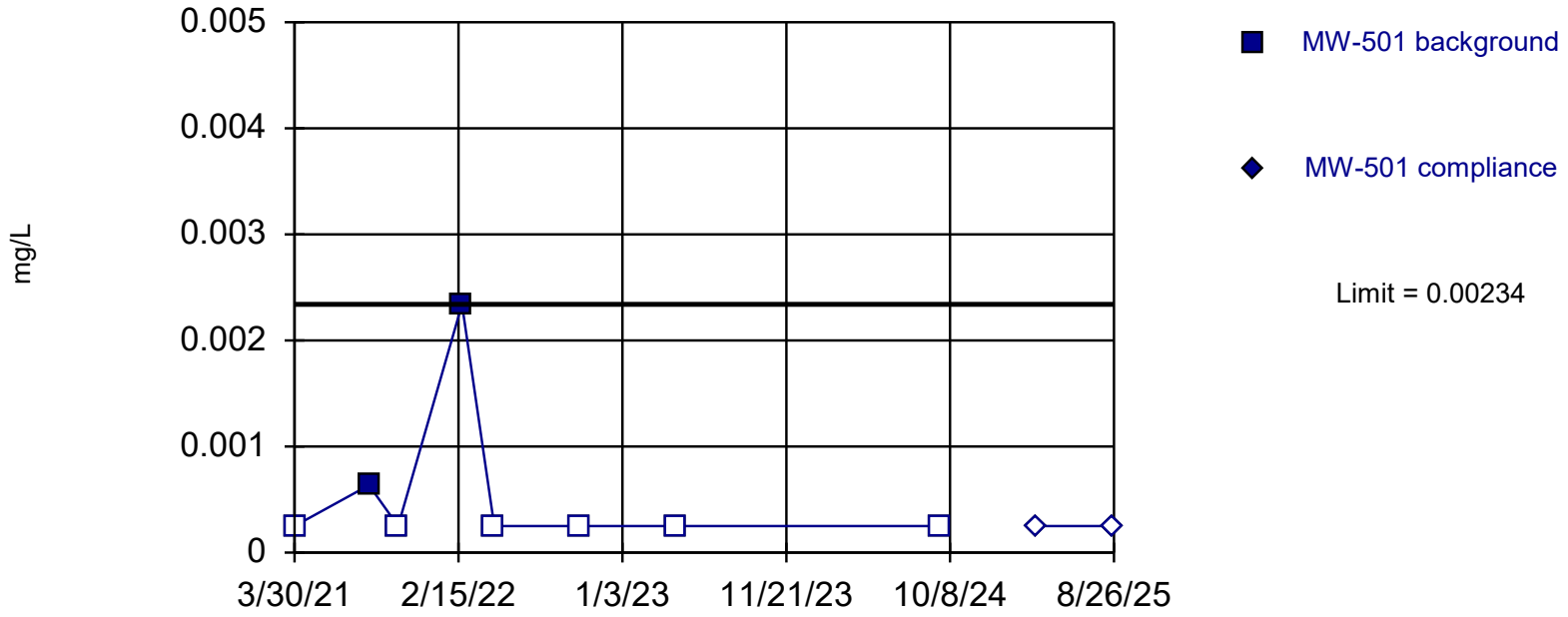
Linn County SWAL Client: Foth Data: Site 2 - Fall 2025 Statistical Evaluation

Hollow symbols indicate censored values.

Within Limit

Prediction Limit - Detection Monitoring

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 75% NDs. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

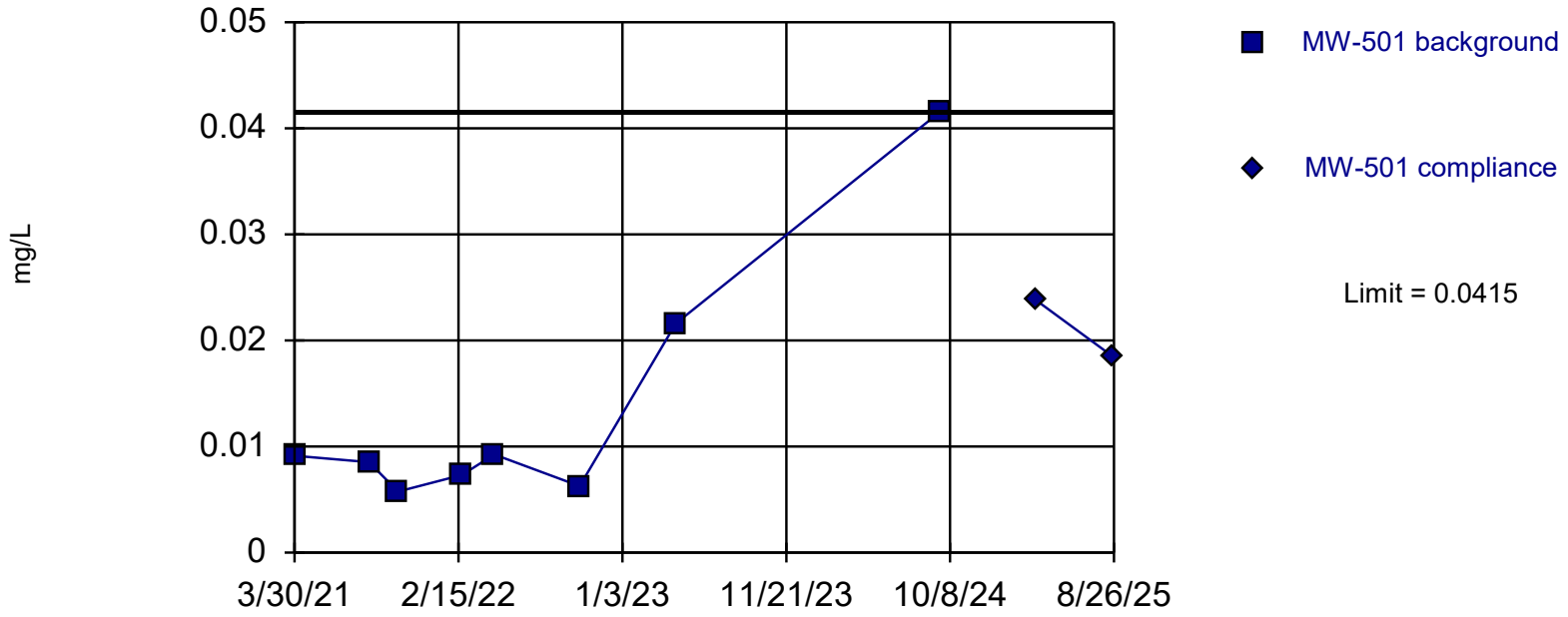
Constituent: Lead Analysis Run 10/21/2025 10:27 AM

Linn County SWAL Client: Foth Data: Site 2 - Fall 2025 Statistical Evaluation

Within Limit

Prediction Limit - Detection Monitoring

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 8 background values. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Nickel Analysis Run 10/21/2025 10:34 AM

Linn County SWAL Client: Foth Data: Site 2 - Fall 2025 Statistical Evaluation

Attachment 3
Sanitas Report Output for Interwell Prediction Limit Calculations

Interwell Prediction Limit

Constituent	Well	Upper Limit	Date	Observation	Exceed	Background N	Background Mean	Standard Deviation	% Non-detects	Non-detect Adjustment	Transformation	Alpha	Method
Assessment Monitoring Locations													
Antimony (mg/L)	MW-15	0.0023	8/27/2025	0.001ND	No	36	n/a	n/a	58	n/a	n/a	0.001311	NP Inter (NDs) 1 of 2
Antimony (mg/L)	MW-22	0.0023	8/27/2025	0.001ND	No	36	n/a	n/a	58	n/a	n/a	0.001311	NP Inter (NDs) 1 of 2
Antimony (mg/L)	MW-24	0.0023	8/26/2025	0.001ND	No	36	n/a	n/a	58	n/a	n/a	0.001311	NP Inter (NDs) 1 of 2
Antimony (mg/L)	MW-26A	0.0023	8/26/2025	0.001ND	No	36	n/a	n/a	58	n/a	n/a	0.001311	NP Inter (NDs) 1 of 2
Antimony (mg/L)	MW-300	0.0023	8/27/2025	0.00122J	No	36	n/a	n/a	58	n/a	n/a	0.001311	NP Inter (NDs) 1 of 2
Antimony (mg/L)	MW-302R	0.0023	8/27/2025	0.001ND	No	36	n/a	n/a	58	n/a	n/a	0.001311	NP Inter (NDs) 1 of 2
Antimony (mg/L)	MW-303	0.0023	8/26/2025	0.001ND	No	36	n/a	n/a	58	n/a	n/a	0.001311	NP Inter (NDs) 1 of 2
Antimony (mg/L)	MW-304R	0.0023	8/26/2025	0.001ND	No	36	n/a	n/a	58	n/a	n/a	0.001311	NP Inter (NDs) 1 of 2
Antimony (mg/L)	MW-305	0.0023	8/26/2025	0.001ND	No	36	n/a	n/a	58	n/a	n/a	0.001311	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	MW-15	0.00866	8/27/2025	0.00129J	No	37	n/a	n/a	14	n/a	n/a	0.001253	NP Inter (normality) 1 of 2
Arsenic (mg/L)	MW-22	0.00866	8/27/2025	0.00387	No	37	n/a	n/a	14	n/a	n/a	0.001253	NP Inter (normality) 1 of 2
Arsenic (mg/L)	MW-24	0.00866	8/26/2025	0.00073J	No	37	n/a	n/a	14	n/a	n/a	0.001253	NP Inter (normality) 1 of 2
Arsenic (mg/L)	MW-26A	0.00866	8/26/2025	0.0193	Yes	37	n/a	n/a	14	n/a	n/a	0.001253	NP Inter (normality) 1 of 2
Arsenic (mg/L)	MW-300	0.00866	8/27/2025	0.000719J	No	37	n/a	n/a	14	n/a	n/a	0.001253	NP Inter (normality) 1 of 2
Arsenic (mg/L)	MW-302R	0.00866	8/27/2025	0.000902J	No	37	n/a	n/a	14	n/a	n/a	0.001253	NP Inter (normality) 1 of 2
Arsenic (mg/L)	MW-303	0.00866	8/26/2025	0.001ND	No	37	n/a	n/a	14	n/a	n/a	0.001253	NP Inter (normality) 1 of 2
Arsenic (mg/L)	MW-304R	0.00866	8/26/2025	0.000607J	No	37	n/a	n/a	14	n/a	n/a	0.001253	NP Inter (normality) 1 of 2
Arsenic (mg/L)	MW-305	0.00866	8/26/2025	0.00157J	No	37	n/a	n/a	14	n/a	n/a	0.001253	NP Inter (normality) 1 of 2
Barium (mg/L)	MW-15	0.575	8/27/2025	0.0717	No	37	n/a	n/a	0	n/a	n/a	0.001253	NP Inter (normality) 1 of 2
Barium (mg/L)	MW-22	0.575	8/27/2025	0.92	Yes	37	n/a	n/a	0	n/a	n/a	0.001253	NP Inter (normality) 1 of 2
Barium (mg/L)	MW-24	0.575	8/26/2025	0.0504	No	37	n/a	n/a	0	n/a	n/a	0.001253	NP Inter (normality) 1 of 2
Barium (mg/L)	MW-26A	0.575	8/26/2025	0.764	Yes	37	n/a	n/a	0	n/a	n/a	0.001253	NP Inter (normality) 1 of 2
Barium (mg/L)	MW-300	0.575	8/27/2025	0.0945	No	37	n/a	n/a	0	n/a	n/a	0.001253	NP Inter (normality) 1 of 2
Barium (mg/L)	MW-302R	0.575	8/27/2025	0.112	No	37	n/a	n/a	0	n/a	n/a	0.001253	NP Inter (normality) 1 of 2
Barium (mg/L)	MW-303	0.575	8/26/2025	0.0209	No	37	n/a	n/a	0	n/a	n/a	0.001253	NP Inter (normality) 1 of 2
Barium (mg/L)	MW-304R	0.575	8/26/2025	0.0347	No	37	n/a	n/a	0	n/a	n/a	0.001253	NP Inter (normality) 1 of 2
Barium (mg/L)	MW-305	0.575	8/26/2025	0.0416	No	37	n/a	n/a	0	n/a	n/a	0.001253	NP Inter (normality) 1 of 2
Cobalt (mg/L)	MW-15	0.00243	8/27/2025	0.00418	Yes	37	n/a	n/a	24	n/a	n/a	0.001253	NP Inter (normality) 1 of 2
Cobalt (mg/L)	MW-22	0.00243	8/27/2025	0.00037J	No	37	n/a	n/a	24	n/a	n/a	0.001253	NP Inter (normality) 1 of 2
Cobalt (mg/L)	MW-24	0.00243	8/26/2025	0.000332J	No	37	n/a	n/a	24	n/a	n/a	0.001253	NP Inter (normality) 1 of 2
Cobalt (mg/L)	MW-26A	0.00243	8/26/2025	0.0418	Yes	37	n/a	n/a	24	n/a	n/a	0.001253	NP Inter (normality) 1 of 2
Cobalt (mg/L)	MW-300	0.00243	8/27/2025	0.000389J	No	37	n/a	n/a	24	n/a	n/a	0.001253	NP Inter (normality) 1 of 2
Cobalt (mg/L)	MW-302R	0.00243	8/27/2025	0.000464J	No	37	n/a	n/a	24	n/a	n/a	0.001253	NP Inter (normality) 1 of 2
Cobalt (mg/L)	MW-303	0.00243	8/26/2025	0.00308	Yes	37	n/a	n/a	24	n/a	n/a	0.001253	NP Inter (normality) 1 of 2
Cobalt (mg/L)	MW-304R	0.00243	8/26/2025	0.00446	Yes	37	n/a	n/a	24	n/a	n/a	0.001253	NP Inter (normality) 1 of 2
Cobalt (mg/L)	MW-305	0.00243	8/26/2025	0.00138	No	37	n/a	n/a	24	n/a	n/a	0.001253	NP Inter (normality) 1 of 2
Copper (mg/L)	MW-15	0.00322	8/27/2025	0.00388J	No	34	n/a	n/a	79	n/a	n/a	0.001453	NP Inter (NDs) 1 of 2
Copper (mg/L)	MW-22	0.00322	8/27/2025	0.0025ND	No	34	n/a	n/a	79	n/a	n/a	0.001453	NP Inter (NDs) 1 of 2
Copper (mg/L)	MW-24	0.00322	8/26/2025	0.0025ND	No	34	n/a	n/a	79	n/a	n/a	0.001453	NP Inter (NDs) 1 of 2
Copper (mg/L)	MW-26A	0.00322	8/26/2025	0.0025ND	No	34	n/a	n/a	79	n/a	n/a	0.001453	NP Inter (NDs) 1 of 2
Copper (mg/L)	MW-300	0.00322	8/27/2025	0.0025ND	No	34	n/a	n/a	79	n/a	n/a	0.001453	NP Inter (NDs) 1 of 2
Copper (mg/L)	MW-302R	0.00322	8/27/2025	0.0025ND	No	34	n/a	n/a	79	n/a	n/a	0.001453	NP Inter (NDs) 1 of 2
Copper (mg/L)	MW-303	0.00322	8/26/2025	0.0025ND	No	34	n/a	n/a	79	n/a	n/a	0.001453	NP Inter (NDs) 1 of 2
Copper (mg/L)	MW-304R	0.00322	8/26/2025	0.0025ND	No	34	n/a	n/a	79	n/a	n/a	0.001453	NP Inter (NDs) 1 of 2
Copper (mg/L)	MW-305	0.00322	8/26/2025	0.0025ND	No	34	n/a	n/a	79	n/a	n/a	0.001453	NP Inter (NDs) 1 of 2
Lead (mg/L)	MW-15	0.00687	8/27/2025	0.00025ND	No	37	n/a	n/a	65	n/a	n/a	0.001253	NP Inter (NDs) 1 of 2
Lead (mg/L)	MW-22	0.00687	8/27/2025	0.00025ND	No	37	n/a	n/a	65	n/a	n/a	0.001253	NP Inter (NDs) 1 of 2

Interwell Prediction Limit

Constituent	Well	Upper Limit	Date	Observation	Exceed	Background N	Background Mean	Standard Deviation	% Non-detects	Non-detect Adjustment	Transformation	Alpha	Method
Assessment Monitoring Locations Continued													
Lead (mg/L)	MW-24	0.00687	8/26/2025	0.00025ND	No	37	n/a	n/a	65	n/a	n/a	0.001253	NP Inter (NDs) 1 of 2
Lead (mg/L)	MW-26A	0.00687	8/26/2025	0.000869	No	37	n/a	n/a	65	n/a	n/a	0.001253	NP Inter (NDs) 1 of 2
Lead (mg/L)	MW-300	0.00687	8/27/2025	0.00025ND	No	37	n/a	n/a	65	n/a	n/a	0.001253	NP Inter (NDs) 1 of 2
Lead (mg/L)	MW-302R	0.00687	8/27/2025	0.00025ND	No	37	n/a	n/a	65	n/a	n/a	0.001253	NP Inter (NDs) 1 of 2
Lead (mg/L)	MW-303	0.00687	8/26/2025	0.00025ND	No	37	n/a	n/a	65	n/a	n/a	0.001253	NP Inter (NDs) 1 of 2
Lead (mg/L)	MW-304R	0.00687	8/26/2025	0.00025ND	No	37	n/a	n/a	65	n/a	n/a	0.001253	NP Inter (NDs) 1 of 2
Lead (mg/L)	MW-305	0.00687	8/26/2025	0.00025ND	No	37	n/a	n/a	65	n/a	n/a	0.001253	NP Inter (NDs) 1 of 2
Nickel (mg/L)	MW-15	0.00508	8/27/2025	0.00834	Yes	35	n/a	n/a	77	n/a	n/a	0.001369	NP Inter (NDs) 1 of 2
Nickel (mg/L)	MW-22	0.00508	8/27/2025	0.0347	Yes	35	n/a	n/a	77	n/a	n/a	0.001369	NP Inter (NDs) 1 of 2
Nickel (mg/L)	MW-24	0.00508	8/26/2025	0.0133	Yes	35	n/a	n/a	77	n/a	n/a	0.001369	NP Inter (NDs) 1 of 2
Nickel (mg/L)	MW-26A	0.00508	8/26/2025	0.0348	Yes	35	n/a	n/a	77	n/a	n/a	0.001369	NP Inter (NDs) 1 of 2
Nickel (mg/L)	MW-300	0.00508	8/27/2025	0.00468J	No	35	n/a	n/a	77	n/a	n/a	0.001369	NP Inter (NDs) 1 of 2
Nickel (mg/L)	MW-302R	0.00508	8/27/2025	0.0025ND	No	35	n/a	n/a	77	n/a	n/a	0.001369	NP Inter (NDs) 1 of 2
Nickel (mg/L)	MW-303	0.00508	8/26/2025	0.0814	Yes	35	n/a	n/a	77	n/a	n/a	0.001369	NP Inter (NDs) 1 of 2
Nickel (mg/L)	MW-304R	0.00508	8/26/2025	0.00543	Yes	35	n/a	n/a	77	n/a	n/a	0.001369	NP Inter (NDs) 1 of 2
Nickel (mg/L)	MW-305	0.00508	8/26/2025	0.00321J	No	35	n/a	n/a	77	n/a	n/a	0.001369	NP Inter (NDs) 1 of 2
Zinc (mg/L)	MW-15	0.02	8/27/2025	0.01ND	No	34	n/a	n/a	91	n/a	n/a	0.001453	NP Inter (NDs) 1 of 2
Zinc (mg/L)	MW-22	0.02	8/27/2025	0.01ND	No	34	n/a	n/a	91	n/a	n/a	0.001453	NP Inter (NDs) 1 of 2
Zinc (mg/L)	MW-24	0.02	8/26/2025	0.01ND	No	34	n/a	n/a	91	n/a	n/a	0.001453	NP Inter (NDs) 1 of 2
Zinc (mg/L)	MW-26A	0.02	8/26/2025	0.01ND	No	34	n/a	n/a	91	n/a	n/a	0.001453	NP Inter (NDs) 1 of 2
Zinc (mg/L)	MW-300	0.02	8/27/2025	0.01ND	No	34	n/a	n/a	91	n/a	n/a	0.001453	NP Inter (NDs) 1 of 2
Zinc (mg/L)	MW-302R	0.02	8/27/2025	0.01ND	No	34	n/a	n/a	91	n/a	n/a	0.001453	NP Inter (NDs) 1 of 2
Zinc (mg/L)	MW-303	0.02	8/26/2025	0.01ND	No	34	n/a	n/a	91	n/a	n/a	0.001453	NP Inter (NDs) 1 of 2
Zinc (mg/L)	MW-304R	0.02	8/26/2025	0.01ND	No	34	n/a	n/a	91	n/a	n/a	0.001453	NP Inter (NDs) 1 of 2
Zinc (mg/L)	MW-305	0.02	8/26/2025	0.01ND	No	34	n/a	n/a	91	n/a	n/a	0.001453	NP Inter (NDs) 1 of 2
Corrective Action Monitoring Locations - Assessment Constituents													
Antimony (mg/L)	MW-18	0.0023	8/27/2025	0.00115J	No	36	n/a	n/a	58	n/a	n/a	0.001311	NP Inter (NDs) 1 of 2
Antimony (mg/L)	MW-19	0.0023	8/27/2025	0.001ND	No	36	n/a	n/a	58	n/a	n/a	0.001311	NP Inter (NDs) 1 of 2
Antimony (mg/L)	MW-20	0.0023	8/27/2025	0.001ND	No	36	n/a	n/a	58	n/a	n/a	0.001311	NP Inter (NDs) 1 of 2
Antimony (mg/L)	MW-301	0.0023	8/27/2025	0.001ND	No	36	n/a	n/a	58	n/a	n/a	0.001311	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	MW-18	0.00866	8/27/2025	0.00134J	No	37	n/a	n/a	14	n/a	n/a	0.001253	NP Inter (normality) 1 of 2
Arsenic (mg/L)	MW-19	0.00866	8/27/2025	0.00132J	No	37	n/a	n/a	14	n/a	n/a	0.001253	NP Inter (normality) 1 of 2
Arsenic (mg/L)	MW-20	0.00866	8/27/2025	0.00318	No	37	n/a	n/a	14	n/a	n/a	0.001253	NP Inter (normality) 1 of 2
Arsenic (mg/L)	MW-301	0.00866	8/27/2025	0.00835	No	37	n/a	n/a	14	n/a	n/a	0.001253	NP Inter (normality) 1 of 2
Barium (mg/L)	MW-18	0.575	8/27/2025	0.0501	No	37	n/a	n/a	0	n/a	n/a	0.001253	NP Inter (normality) 1 of 2
Barium (mg/L)	MW-19	0.575	8/27/2025	0.0358	No	37	n/a	n/a	0	n/a	n/a	0.001253	NP Inter (normality) 1 of 2
Barium (mg/L)	MW-20	0.575	8/27/2025	0.654	Yes	37	n/a	n/a	0	n/a	n/a	0.001253	NP Inter (normality) 1 of 2
Barium (mg/L)	MW-301	0.575	8/27/2025	0.0543	No	37	n/a	n/a	0	n/a	n/a	0.001253	NP Inter (normality) 1 of 2
Copper (mg/L)	MW-18	0.00322	8/27/2025	0.0025ND	No	34	n/a	n/a	79	n/a	n/a	0.001453	NP Inter (NDs) 1 of 2
Copper (mg/L)	MW-19	0.00322	8/27/2025	0.0025ND	No	34	n/a	n/a	79	n/a	n/a	0.001453	NP Inter (NDs) 1 of 2
Copper (mg/L)	MW-20	0.00322	8/27/2025	0.0025ND	No	34	n/a	n/a	79	n/a	n/a	0.001453	NP Inter (NDs) 1 of 2
Copper (mg/L)	MW-301	0.00322	8/27/2025	0.0025ND	No	34	n/a	n/a	79	n/a	n/a	0.001453	NP Inter (NDs) 1 of 2
Lead (mg/L)	MW-18	0.00687	8/27/2025	0.00025ND	No	37	n/a	n/a	65	n/a	n/a	0.001253	NP Inter (NDs) 1 of 2
Lead (mg/L)	MW-19	0.00687	8/27/2025	0.00025ND	No	37	n/a	n/a	65	n/a	n/a	0.001253	NP Inter (NDs) 1 of 2
Lead (mg/L)	MW-20	0.00687	8/27/2025	0.00025ND	No	37	n/a	n/a	65	n/a	n/a	0.001253	NP Inter (NDs) 1 of 2
Lead (mg/L)	MW-301	0.00687	8/27/2025	0.00025ND	No	37	n/a	n/a	65	n/a	n/a	0.001253	NP Inter (NDs) 1 of 2
Nickel (mg/L)	MW-18	0.00508	8/27/2025	0.0114	Yes	35	n/a	n/a	77	n/a	n/a	0.001369	NP Inter (NDs) 1 of 2

Interwell Prediction Limit

Constituent	Well	Upper Limit	Date	Observation	Exceed	Background N	Background Mean	Standard Deviation	% Non-detects	Non-detect Adjustment	Transformation	Alpha	Method
Corrective Action Monitoring Locations - Assessment Constituents Continued													
Nickel (mg/L)	MW-19	0.00508	8/27/2025	0.0176	Yes	35	n/a	n/a	77	n/a	n/a	0.001369	NP Inter (NDs) 1 of 2
Nickel (mg/L)	MW-20	0.00508	8/27/2025	0.0135	Yes	35	n/a	n/a	77	n/a	n/a	0.001369	NP Inter (NDs) 1 of 2
Nickel (mg/L)	MW-301	0.00508	8/27/2025	0.0108	Yes	35	n/a	n/a	77	n/a	n/a	0.001369	NP Inter (NDs) 1 of 2
Zinc (mg/L)	MW-18	0.02	8/27/2025	0.01ND	No	34	n/a	n/a	91	n/a	n/a	0.001453	NP Inter (NDs) 1 of 2
Zinc (mg/L)	MW-19	0.02	8/27/2025	0.01ND	No	34	n/a	n/a	91	n/a	n/a	0.001453	NP Inter (NDs) 1 of 2
Zinc (mg/L)	MW-20	0.02	8/27/2025	0.01ND	No	34	n/a	n/a	91	n/a	n/a	0.001453	NP Inter (NDs) 1 of 2
Zinc (mg/L)	MW-301	0.02	8/27/2025	0.01ND	No	34	n/a	n/a	91	n/a	n/a	0.001453	NP Inter (NDs) 1 of 2
Delineation Monitoring Locations													
Cobalt (mg/L)	MW-29	0.00243	8/27/2025	0.000692	No	37	n/a	n/a	24	n/a	n/a	0.001253	NP Inter (normality) 1 of 2
Cobalt (mg/L)	MW-30	0.00243	8/27/2025	0.00035J	No	37	n/a	n/a	24	n/a	n/a	0.001253	NP Inter (normality) 1 of 2
Cobalt (mg/L)	MW-306	0.00243	8/27/2025	0.00223	No	37	n/a	n/a	24	n/a	n/a	0.001253	NP Inter (normality) 1 of 2
Cobalt (mg/L)	MW-307A	0.00243	8/27/2025	0.00234	No	37	n/a	n/a	24	n/a	n/a	0.001253	NP Inter (normality) 1 of 2

Notes:

• Interwell prediction limit data consists of the detected Appendix I and II parameters in the combined MW-9AR and MW-201B data set.

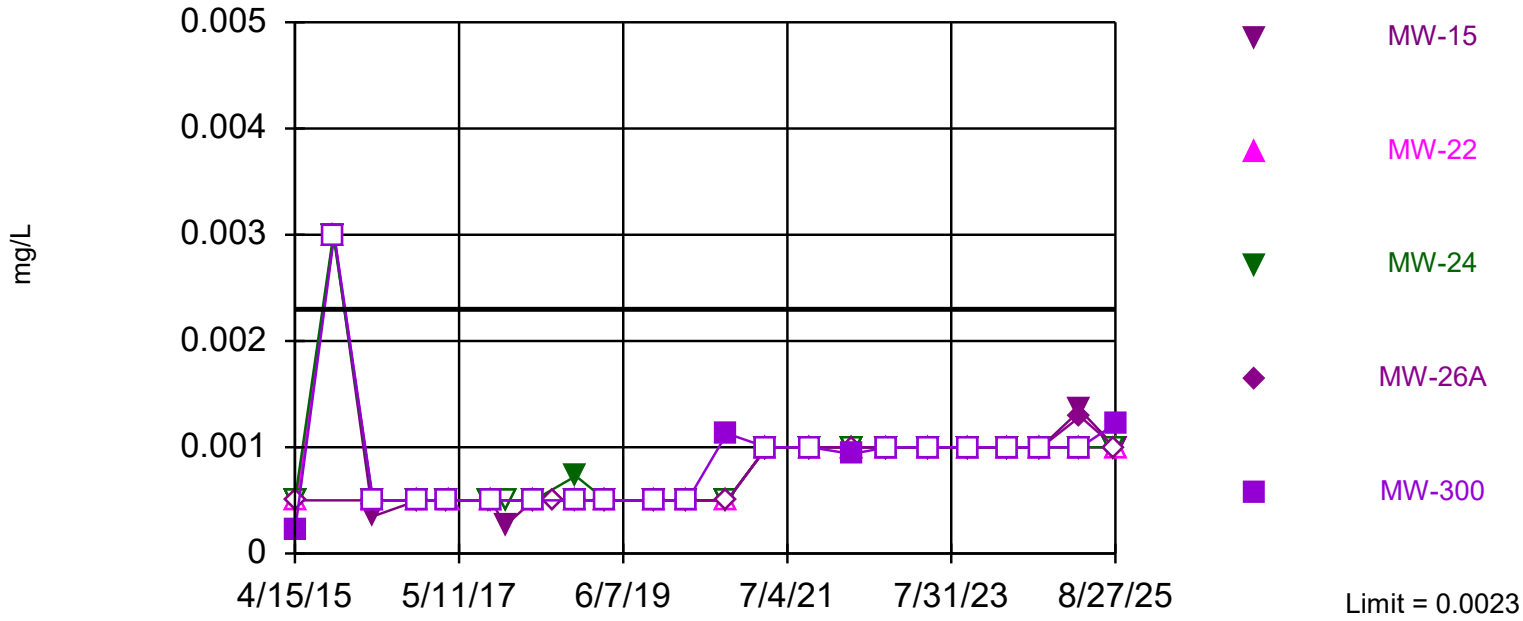
• Note that background and downgradient data set adjustments were incorporated in accordance with Section 3 of the Fall 2025 Statistical Evaluation memo. Of particular note, only data collected with low-flow sampling procedures (i.e. Apr. 2015 through current) were utilized for statistical comparisons. Data collected using high-volume sampling techniques (i.e. before Apr. 2015) were removed.

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 highest of 36 background values. 58.33% NDs. Annual per-constituent alpha = 0.04111. Individual comparison alpha = 0.001311 (1 of 2).

Constituent: Antimony Analysis Run 10/21/2025 1:53 PM

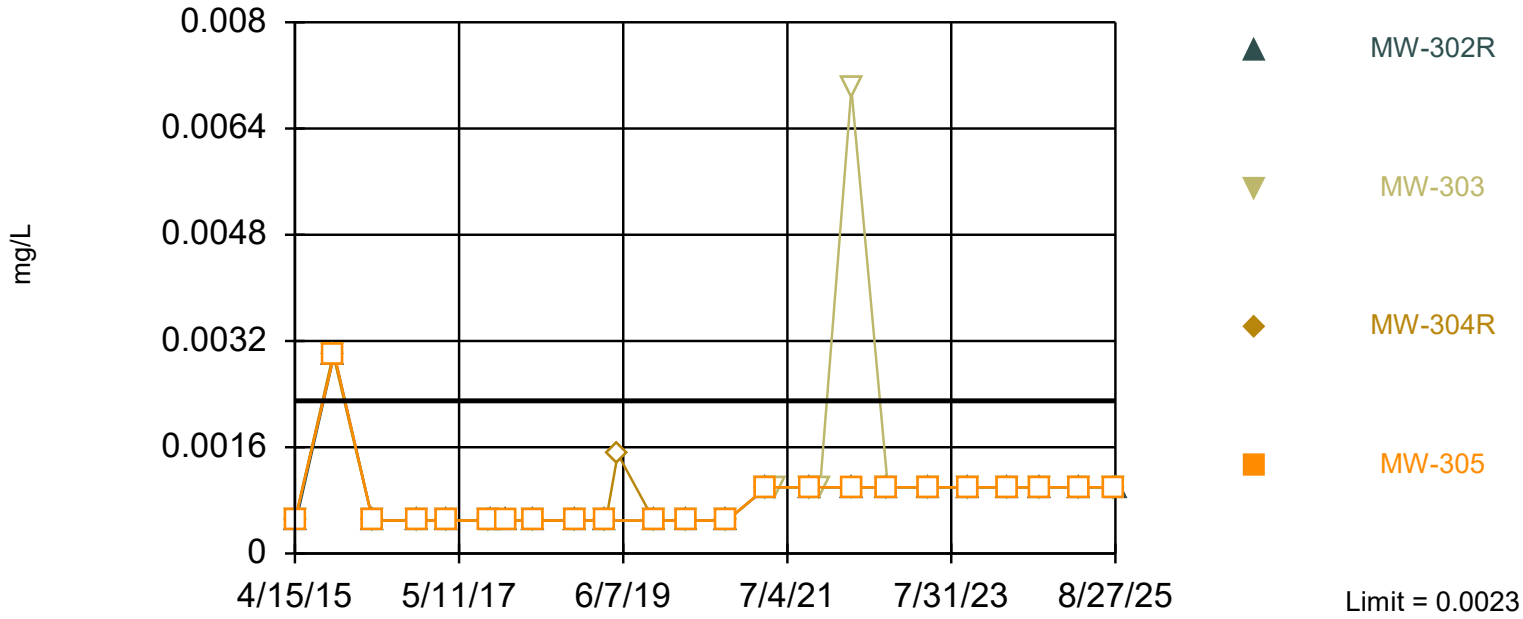
Linn County SWAL Client: Foth Data: Site 2 - Fall 2025 Statistical Evaluation

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 highest of 36 background values. 58.33% NDs. Annual per-constituent alpha = 0.04111. Individual comparison alpha = 0.001311 (1 of 2).

Constituent: Antimony Analysis Run 10/21/2025 1:59 PM

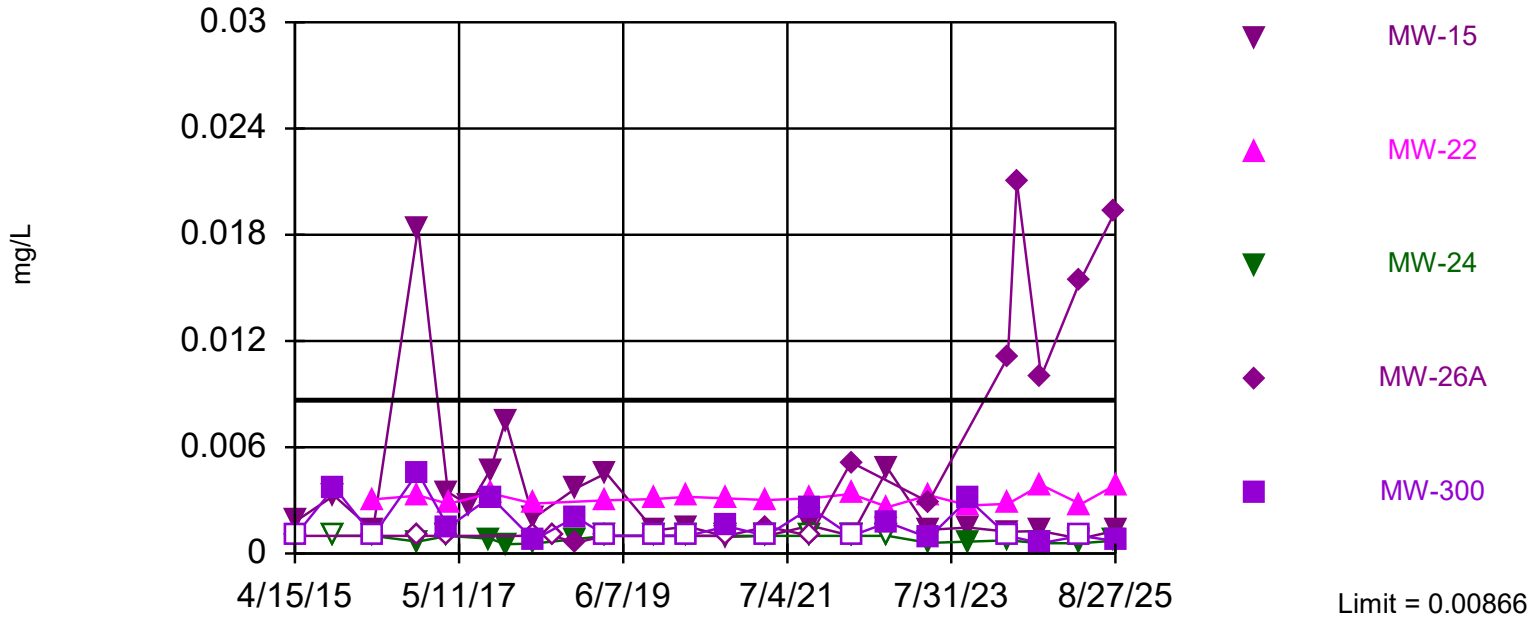
Linn County SWAL Client: Foth Data: Site 2 - Fall 2025 Statistical Evaluation

Hollow symbols indicate censored values.

Exceeds Limit: MW-26A

Prediction Limit - Assessment Monitoring

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 37 background values. 13.51% NDs. Annual per-constituent alpha = 0.03932. Individual comparison alpha = 0.001253 (1 of 2).

Constituent: Arsenic Analysis Run 10/21/2025 1:53 PM

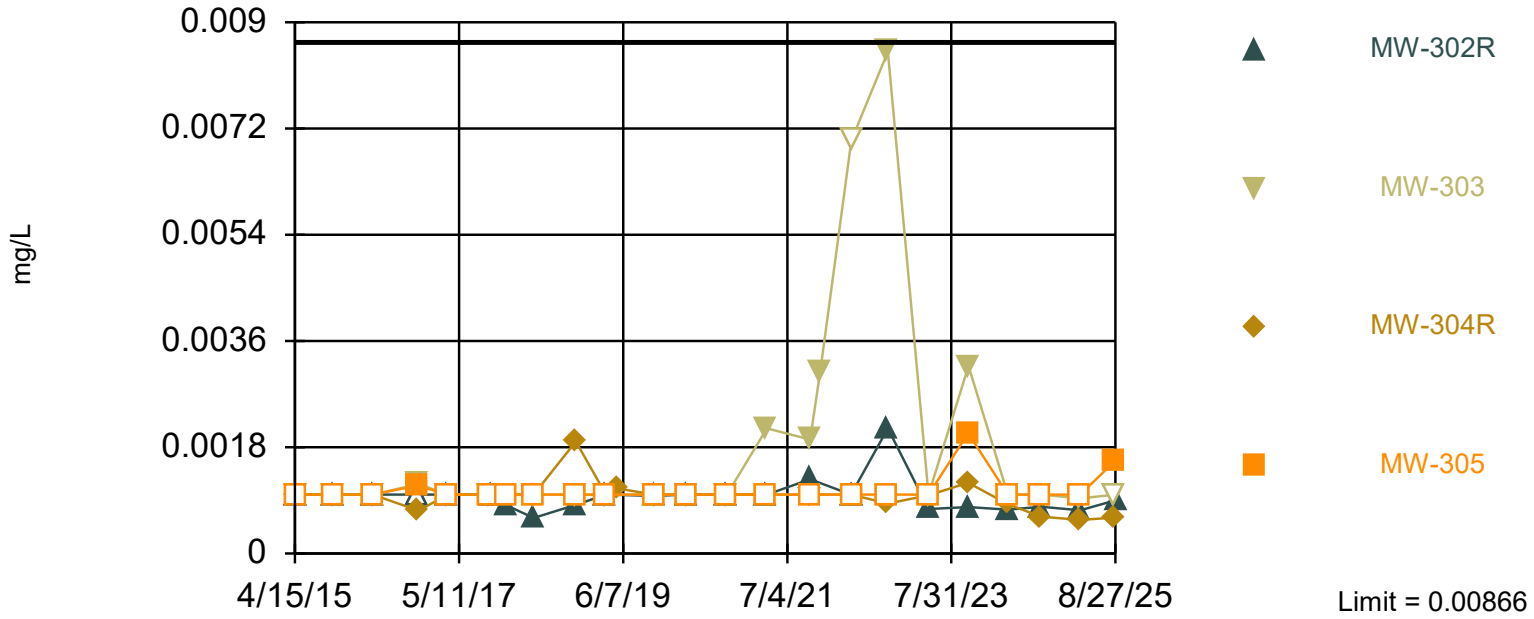
Linn County SWAL Client: Foth Data: Site 2 - Fall 2025 Statistical Evaluation

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 Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 37 background values. 13.51% NDs. Annual per-constituent alpha = 0.03932. Individual comparison alpha = 0.001253 (1 of 2).

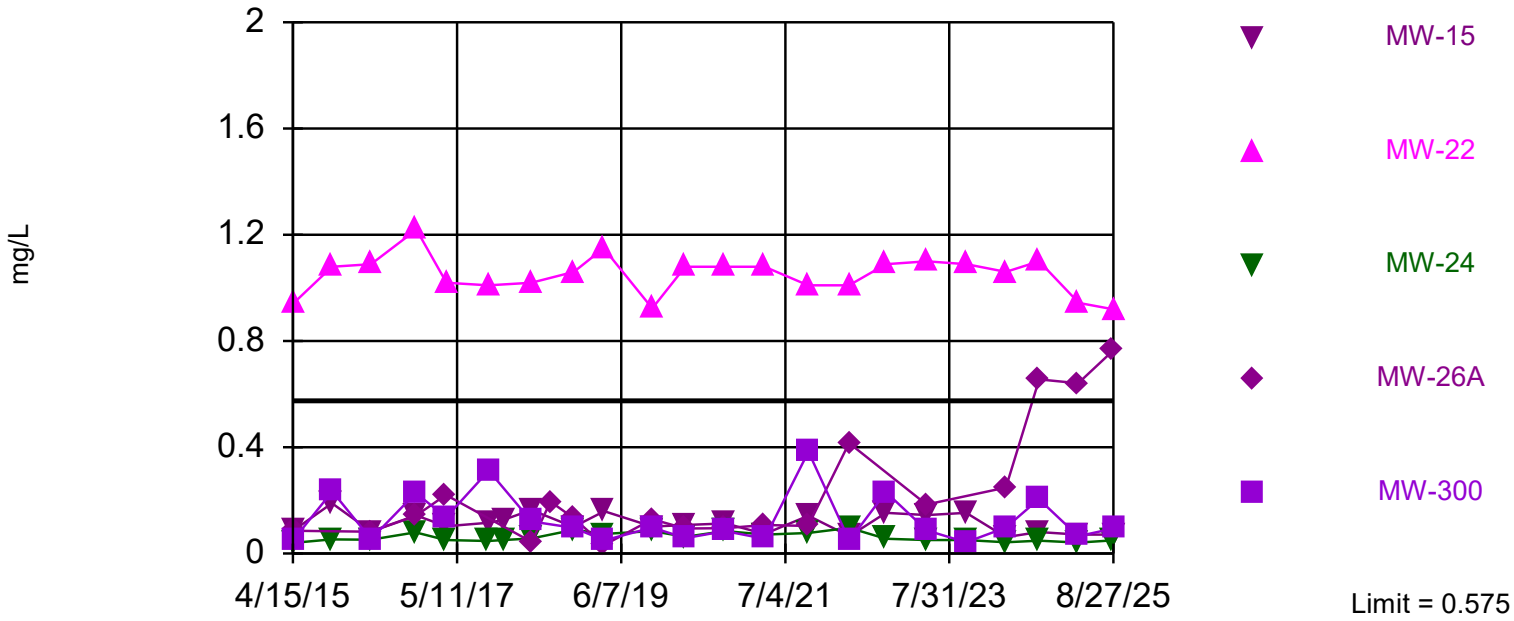
Constituent: Arsenic Analysis Run 10/21/2025 1:59 PM

Linn County SWAL Client: Foth Data: Site 2 - Fall 2025 Statistical Evaluation

Exceeds Limit: MW-22, MW-26A

Prediction Limit - Assessment Monitoring

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 37 background values. Annual per-constituent alpha = 0.03932. Individual comparison alpha = 0.001253 (1 of 2).

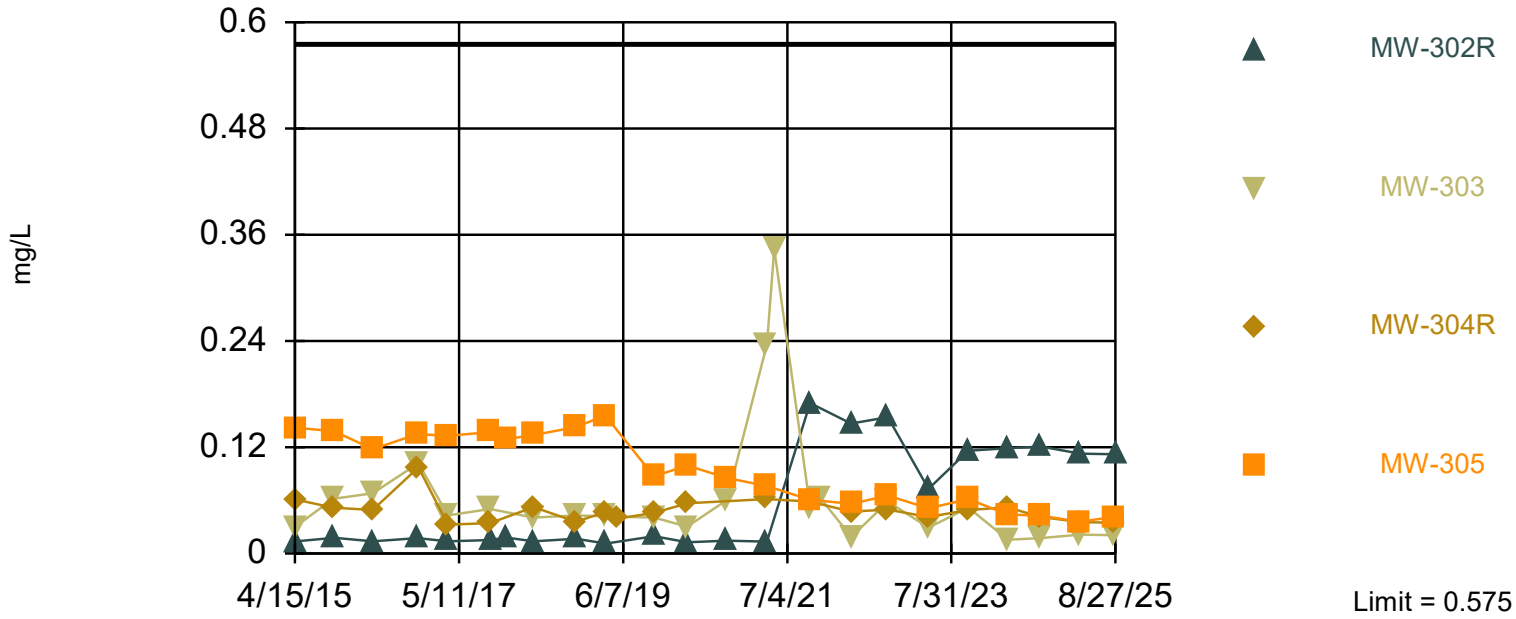
Constituent: Barium Analysis Run 10/21/2025 1:53 PM

Linn County SWAL Client: Foth Data: Site 2 - Fall 2025 Statistical Evaluation

Within Limit

Prediction Limit - Assessment Monitoring

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 37 background values. Annual per-constituent alpha = 0.03932. Individual comparison alpha = 0.001253 (1 of 2).

Constituent: Barium Analysis Run 10/21/2025 1:59 PM

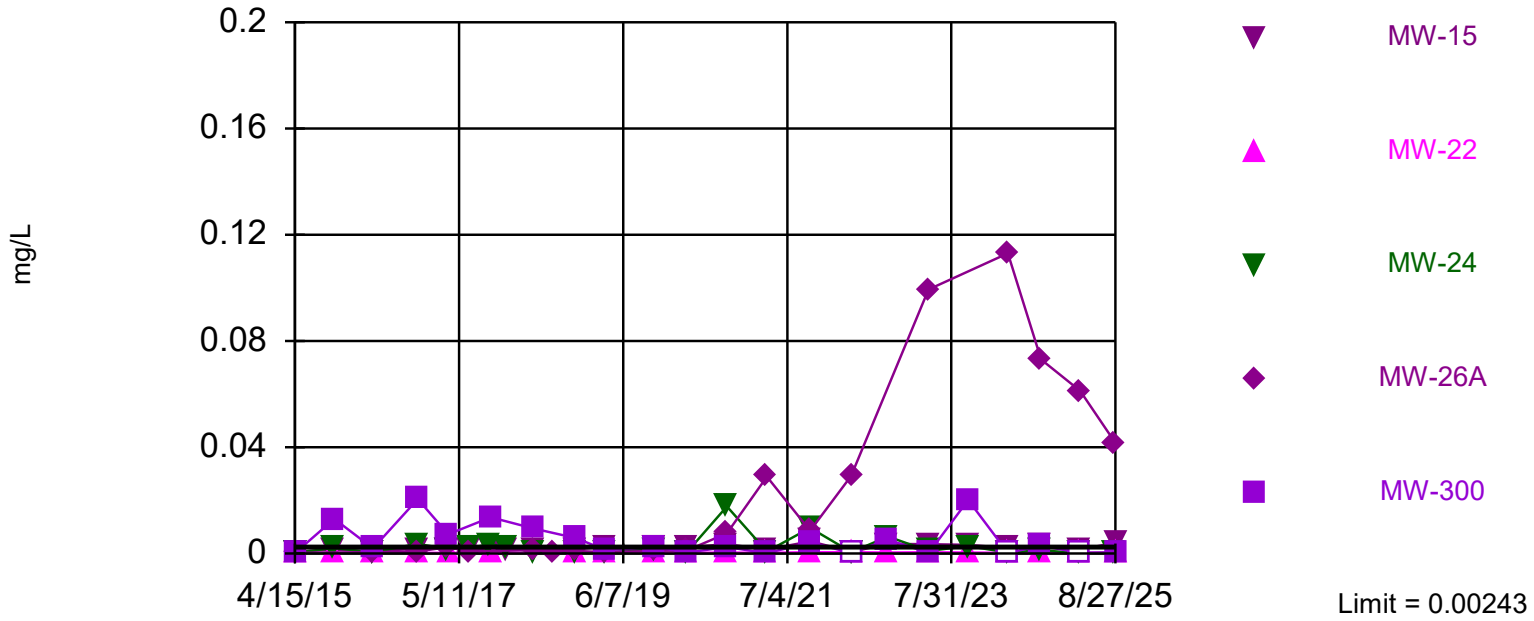
Linn County SWAL Client: Foth Data: Site 2 - Fall 2025 Statistical Evaluation

Hollow symbols indicate censored values.

Exceeds Limit: MW-15, MW-26A

Prediction Limit - Assessment Monitoring

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 37 background values. 24.32% NDs. Annual per-constituent alpha = 0.03932. Individual comparison alpha = 0.001253 (1 of 2).

Constituent: Cobalt Analysis Run 10/21/2025 1:53 PM

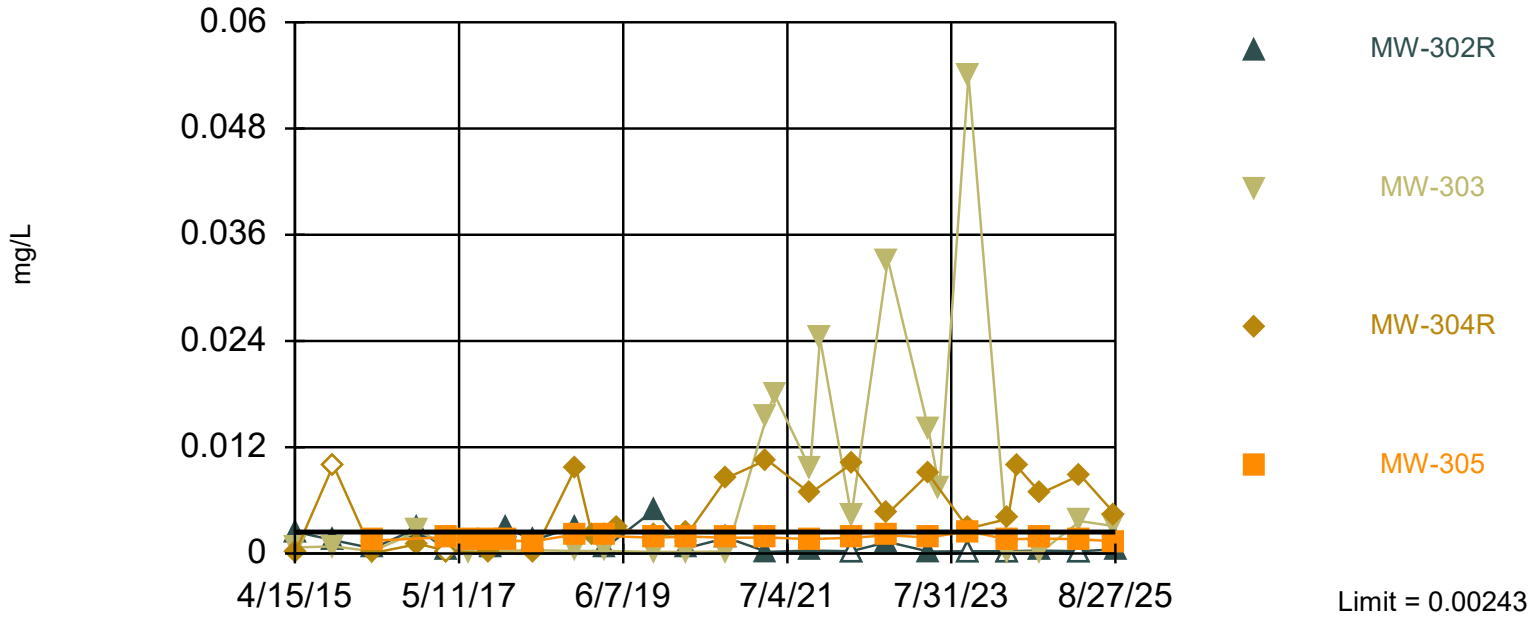
Linn County SWAL Client: Foth Data: Site 2 - Fall 2025 Statistical Evaluation

Hollow symbols indicate censored values.

Exceeds Limit: MW-303, MW-304R

Prediction Limit - Assessment Monitoring

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 37 background values. 24.32% NDs. Annual per-constituent alpha = 0.03932. Individual comparison alpha = 0.001253 (1 of 2).

Constituent: Cobalt Analysis Run 10/21/2025 1:59 PM

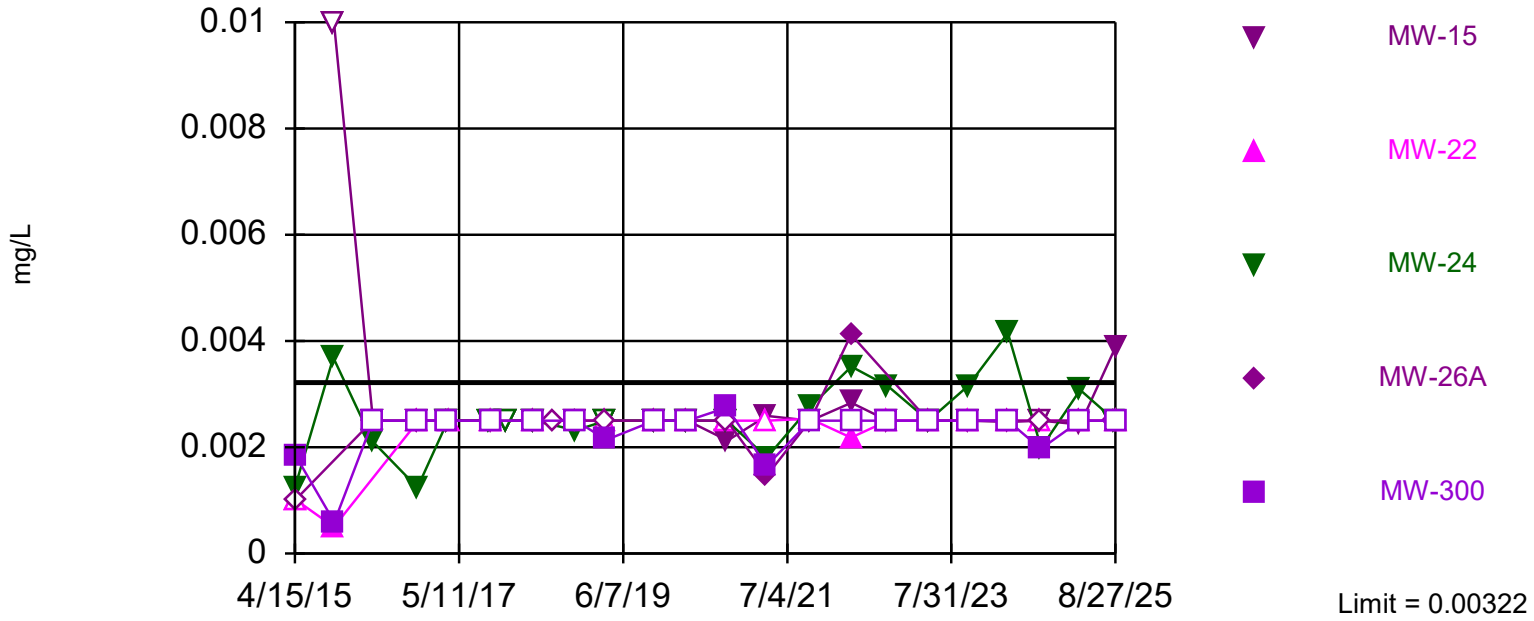
Linn County SWAL Client: Foth Data: Site 2 - Fall 2025 Statistical Evaluation

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 highest of 34 background values. 79.41% NDs. Annual per-constituent alpha = 0.04548. Individual comparison alpha = 0.001453 (1 of 2).

Constituent: Copper Analysis Run 10/21/2025 1:53 PM

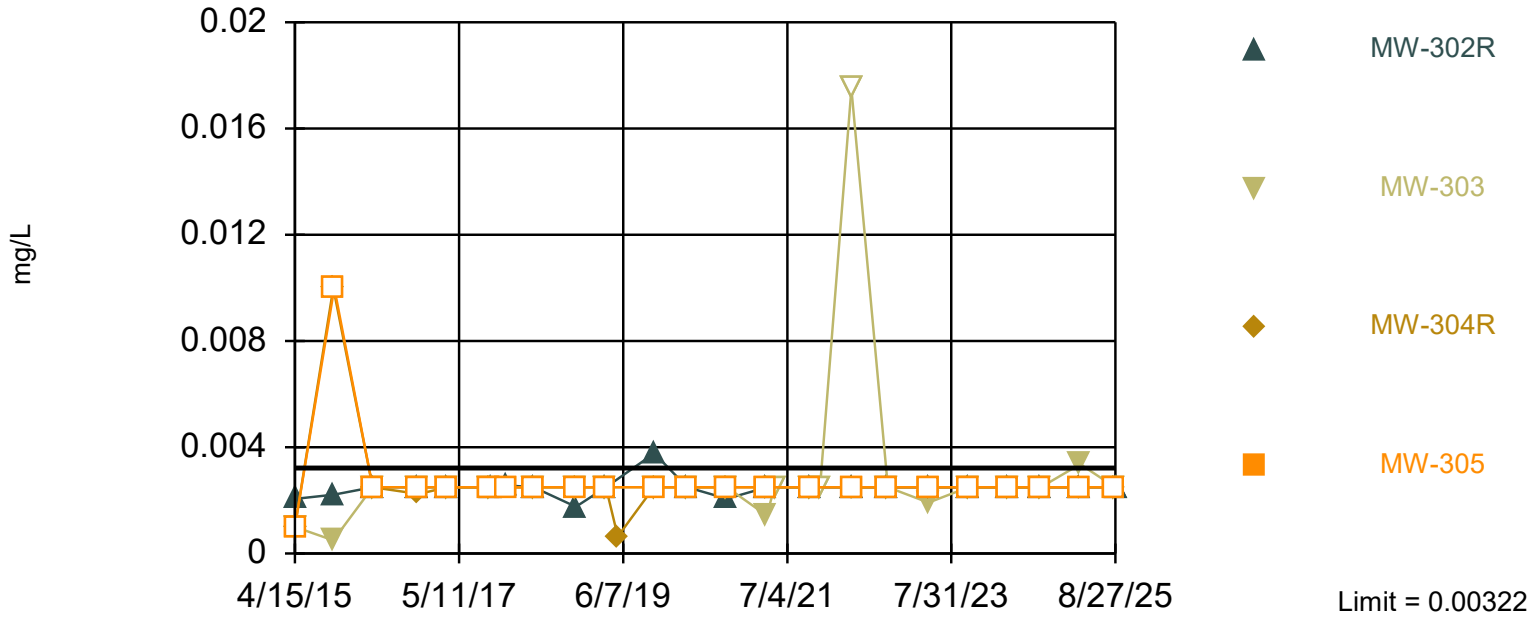
Linn County SWAL Client: Foth Data: Site 2 - Fall 2025 Statistical Evaluation

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 highest of 34 background values. 79.41% NDs. Annual per-constituent alpha = 0.04548. Individual comparison alpha = 0.001453 (1 of 2).

Constituent: Copper Analysis Run 10/21/2025 1:59 PM

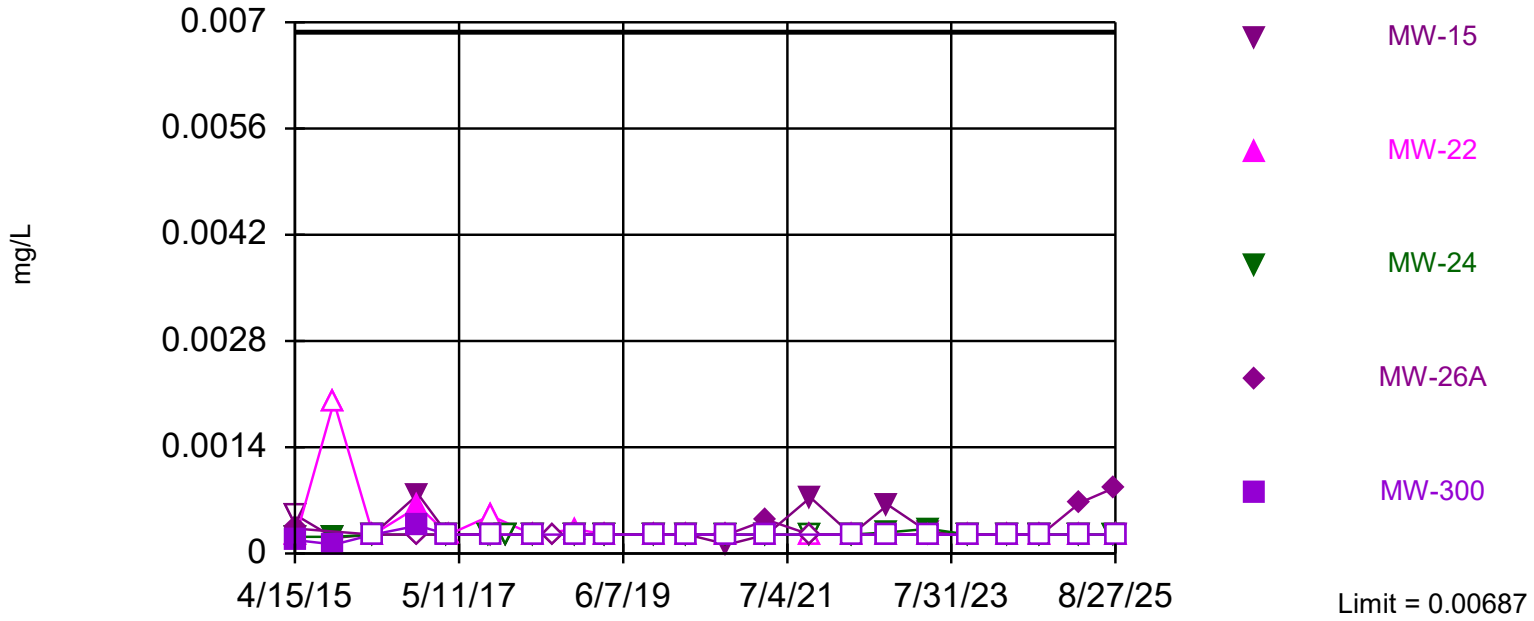
Linn County SWAL Client: Foth Data: Site 2 - Fall 2025 Statistical Evaluation

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 highest of 37 background values. 64.86% NDs. Annual per-constituent alpha = 0.03932. Individual comparison alpha = 0.001253 (1 of 2).

Constituent: Lead Analysis Run 10/21/2025 1:53 PM

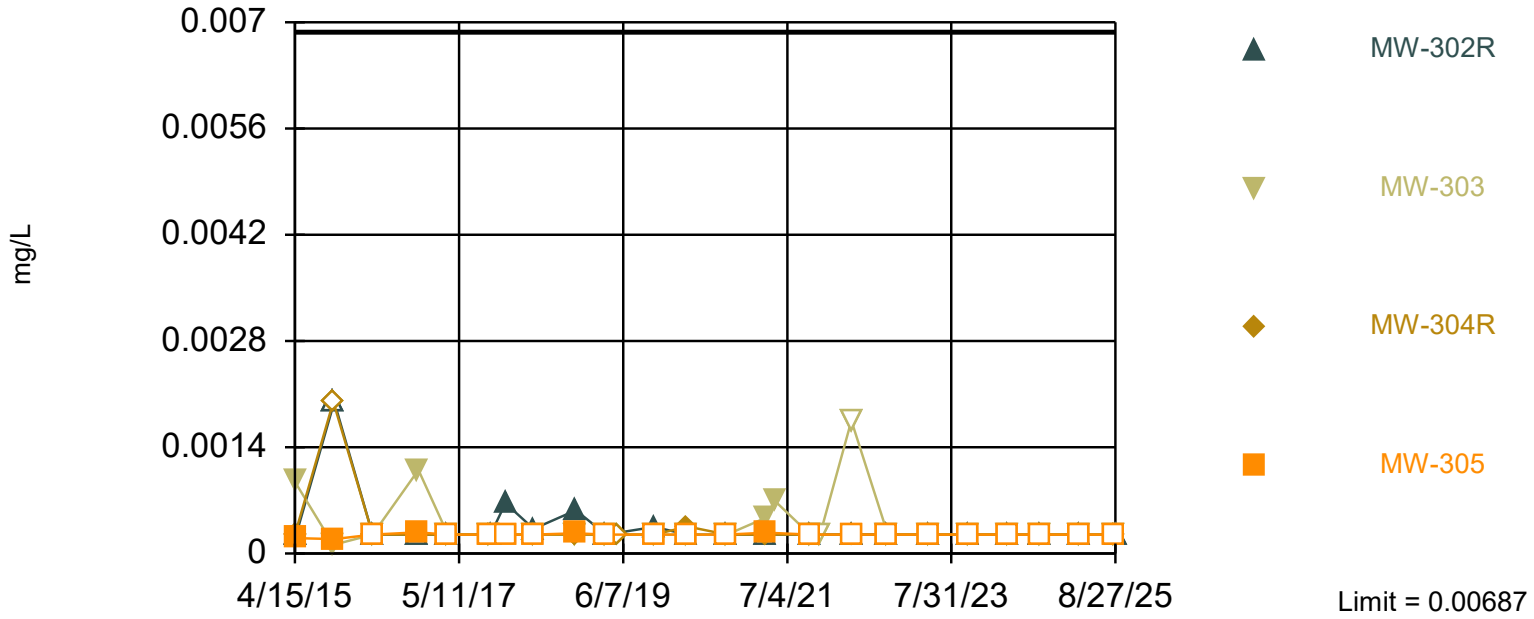
Linn County SWAL Client: Foth Data: Site 2 - Fall 2025 Statistical Evaluation

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 highest of 37 background values. 64.86% NDs. Annual per-constituent alpha = 0.03932. Individual comparison alpha = 0.001253 (1 of 2).

Constituent: Lead Analysis Run 10/21/2025 1:59 PM

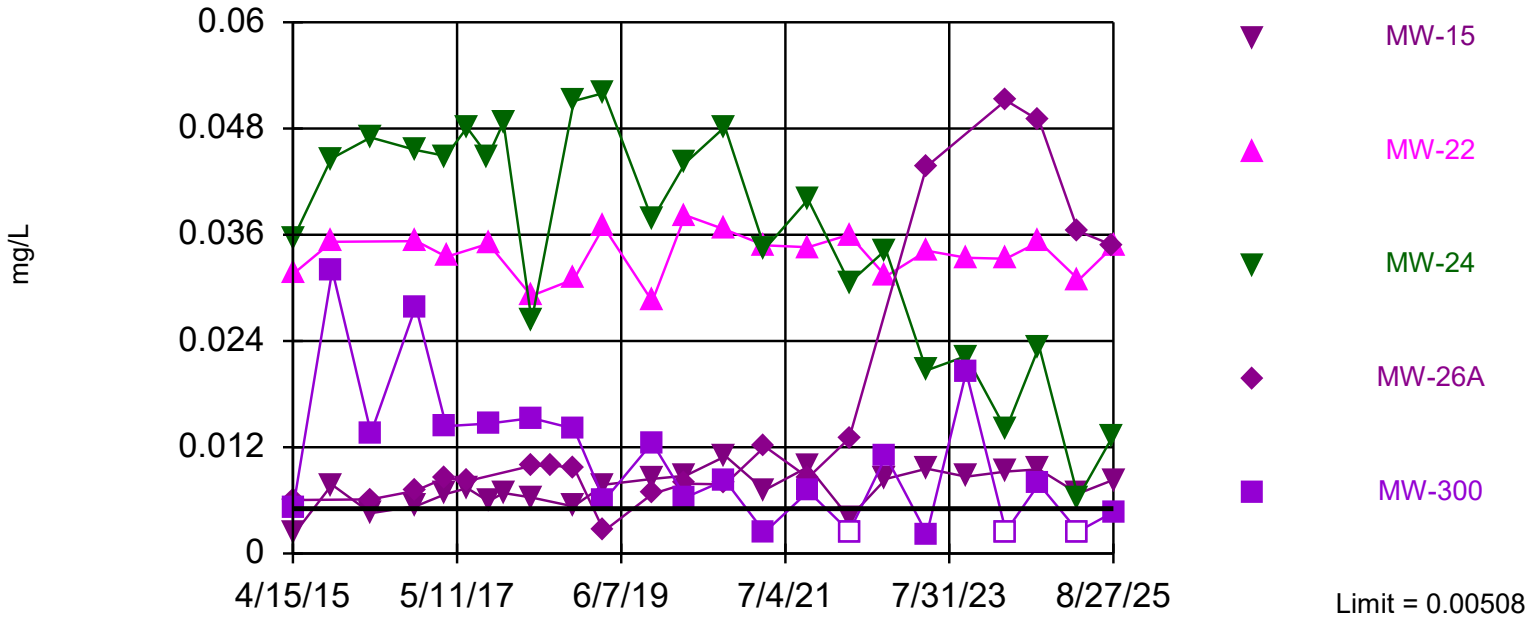
Linn County SWAL Client: Foth Data: Site 2 - Fall 2025 Statistical Evaluation

Hollow symbols indicate censored values.

Exceeds Limit: MW-15, MW-22, MW-24, MW-26A

Prediction Limit - Assessment Monitoring

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 35 background values. 77.14% NDs. Annual per-constituent alpha = 0.0429. Individual comparison alpha = 0.001369 (1 of 2).

Constituent: Nickel Analysis Run 10/21/2025 1:53 PM

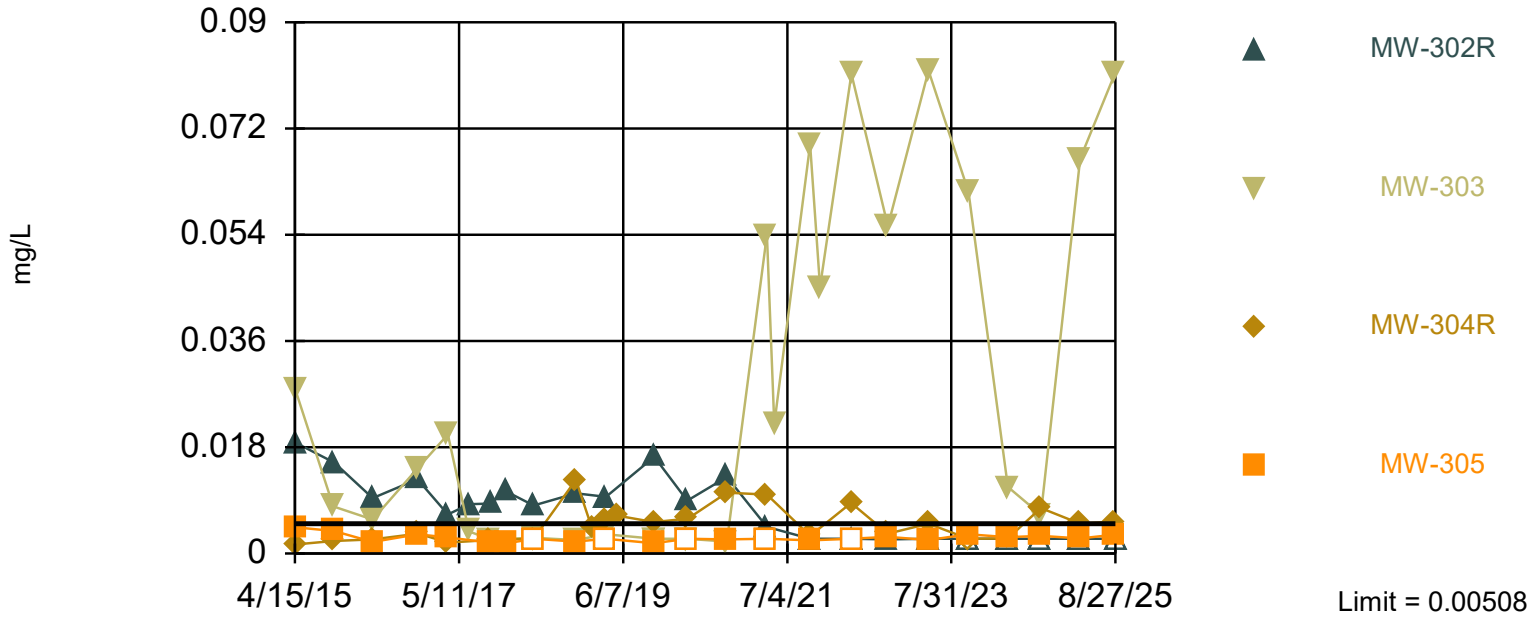
Linn County SWAL Client: Foth Data: Site 2 - Fall 2025 Statistical Evaluation

Hollow symbols indicate censored values.

Exceeds Limit: MW-303, MW-304R

Prediction Limit - Assessment Monitoring

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 35 background values. 77.14% NDs. Annual per-constituent alpha = 0.0429. Individual comparison alpha = 0.001369 (1 of 2).

Constituent: Nickel Analysis Run 10/21/2025 1:59 PM

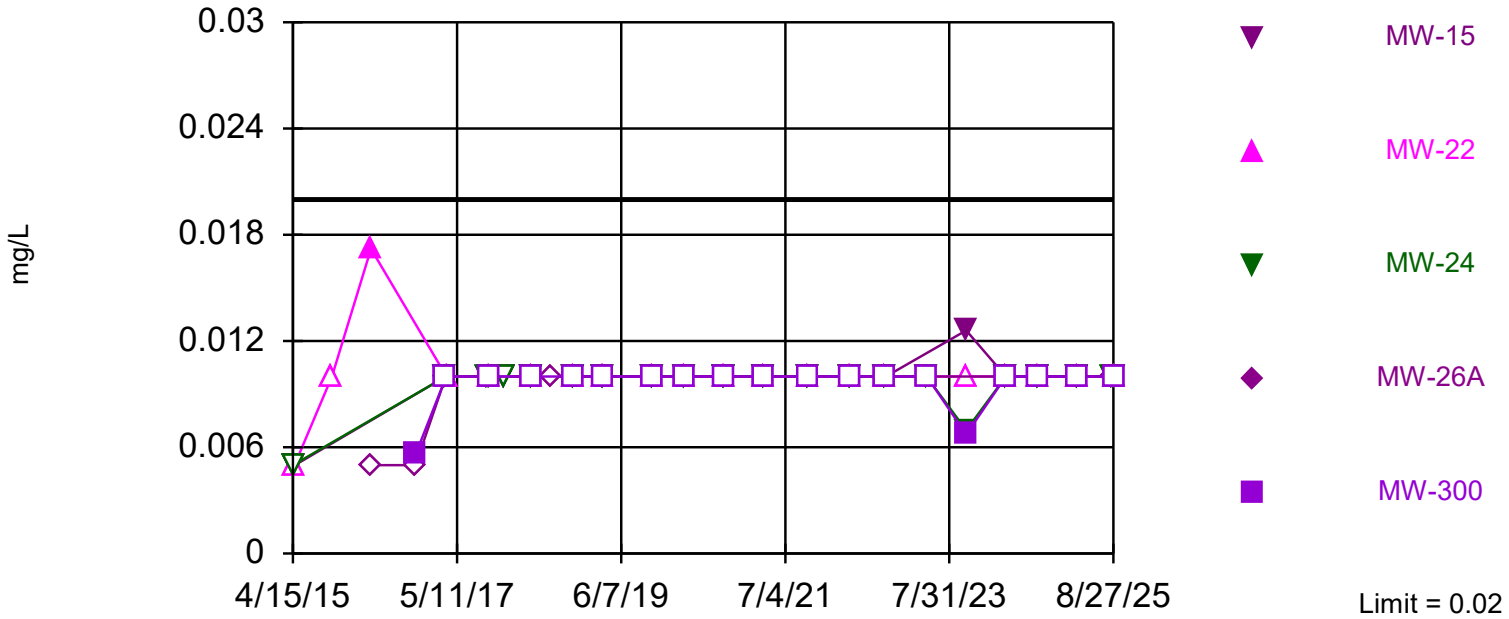
Linn County SWAL Client: Foth Data: Site 2 - Fall 2025 Statistical Evaluation

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 highest of 34 background values. 91.18% NDs. Annual per-constituent alpha = 0.04548. Individual comparison alpha = 0.001453 (1 of 2).

Constituent: Zinc Analysis Run 10/21/2025 1:53 PM

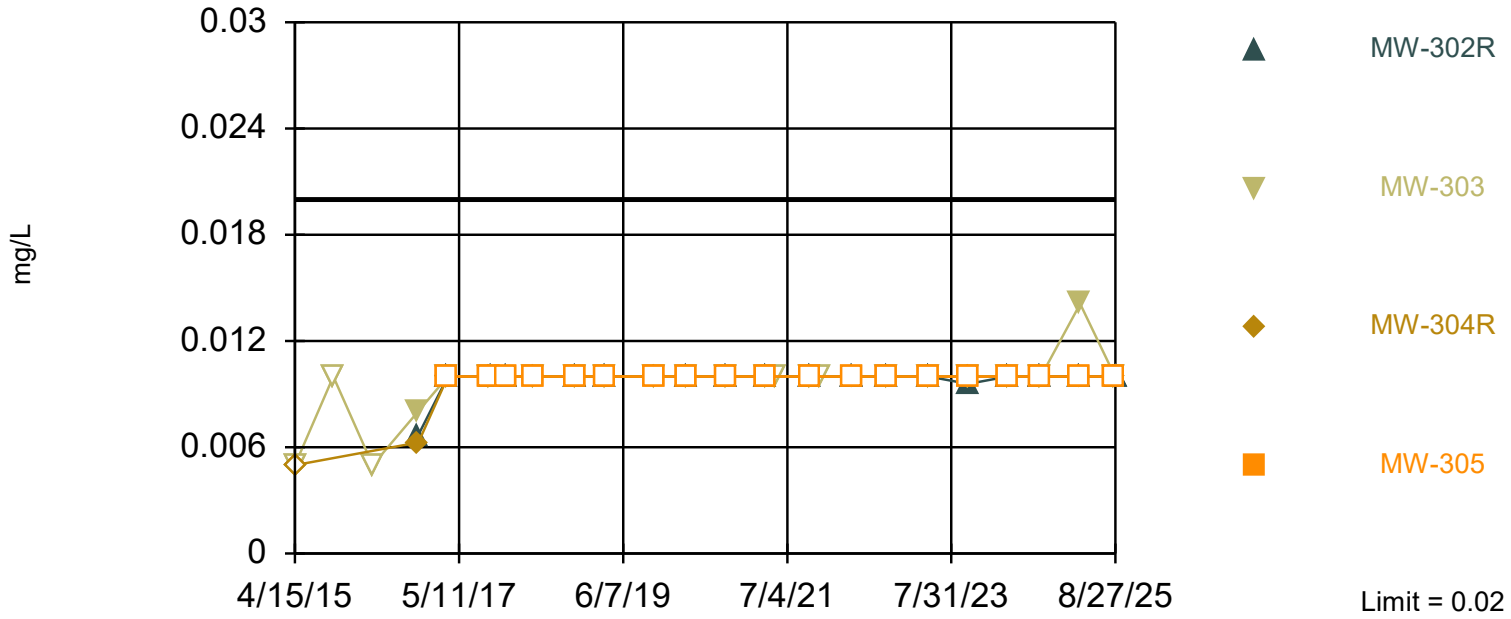
Linn County SWAL Client: Foth Data: Site 2 - Fall 2025 Statistical Evaluation

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 highest of 34 background values. 91.18% NDs. Annual per-constituent alpha = 0.04548. Individual comparison alpha = 0.001453 (1 of 2).

Constituent: Zinc Analysis Run 10/21/2025 1:59 PM

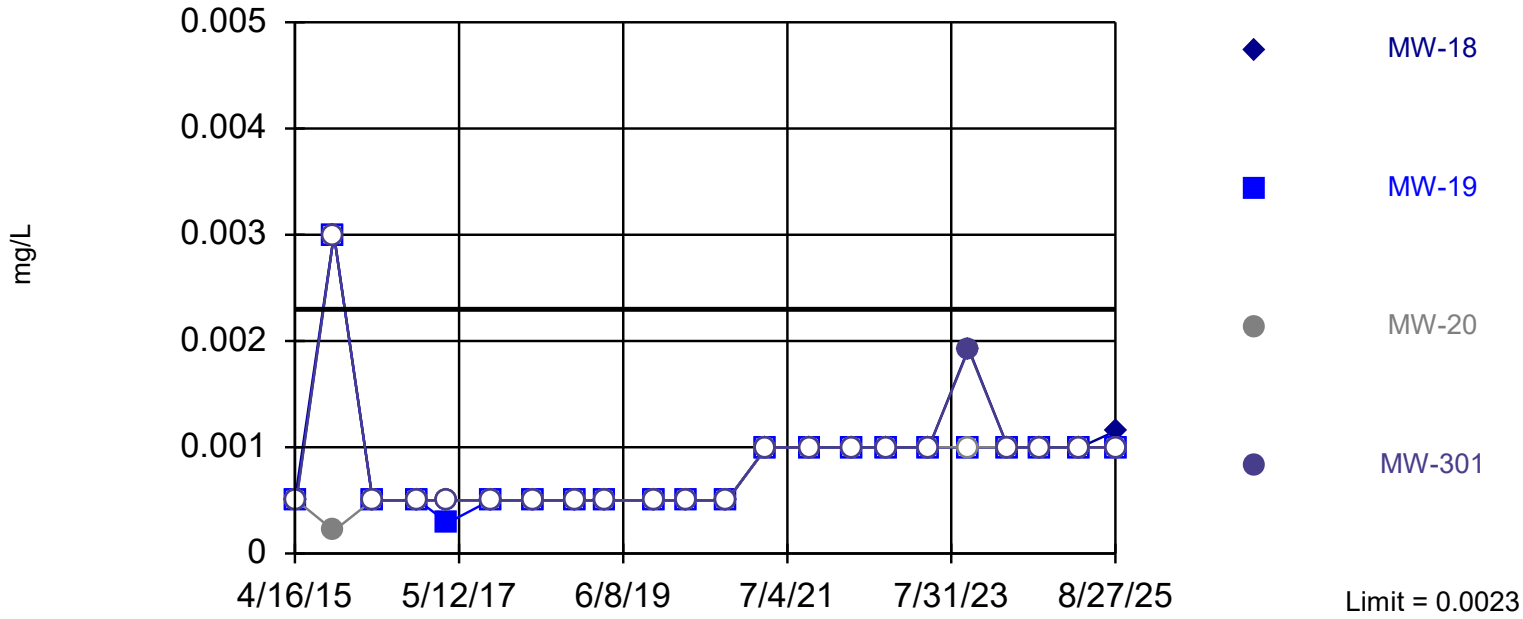
Linn County SWAL Client: Foth Data: Site 2 - Fall 2025 Statistical Evaluation

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 highest of 36 background values. 58.33% NDs. Annual per-constituent alpha = 0.04111. Individual comparison alpha = 0.001311 (1 of 2).

Constituent: Antimony Analysis Run 10/21/2025 2:11 PM

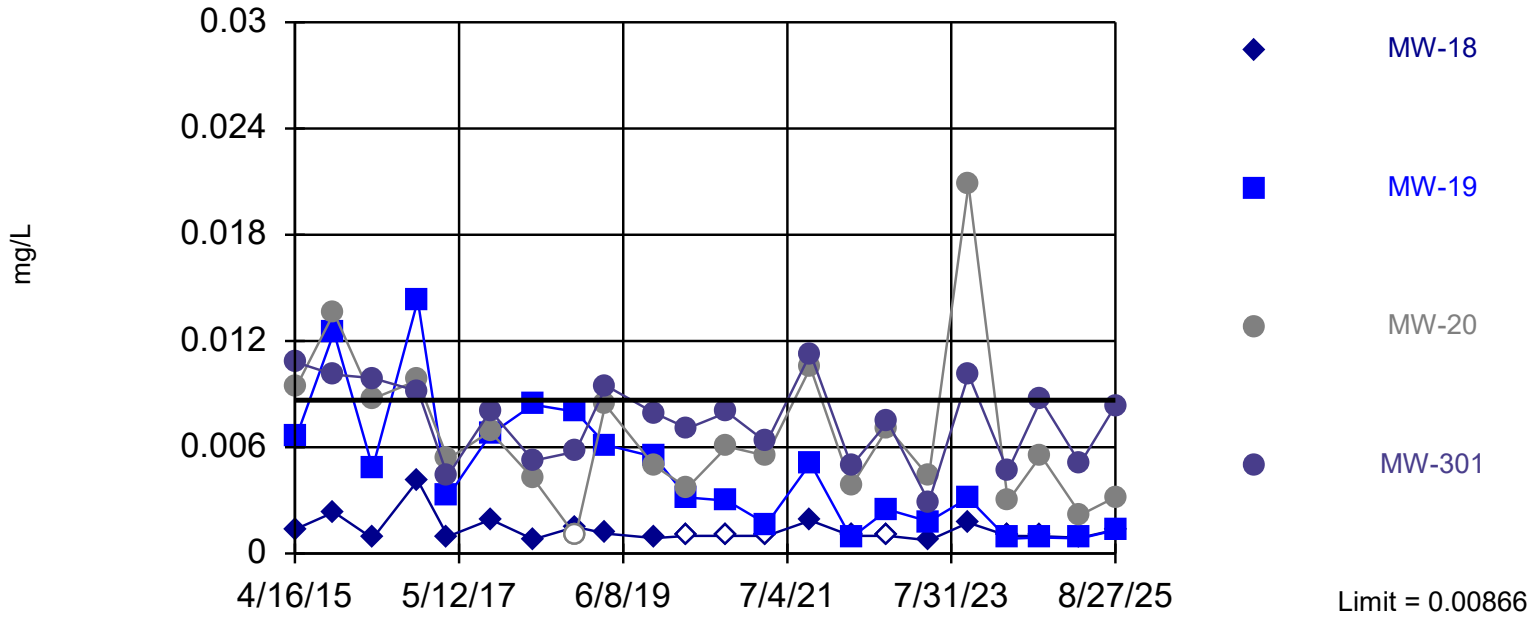
Linn County SWAL Client: Foth Data: Site 2 - Fall 2025 Statistical Evaluation

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 Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 37 background values. 13.51% NDs. Annual per-constituent alpha = 0.03932. Individual comparison alpha = 0.001253 (1 of 2).

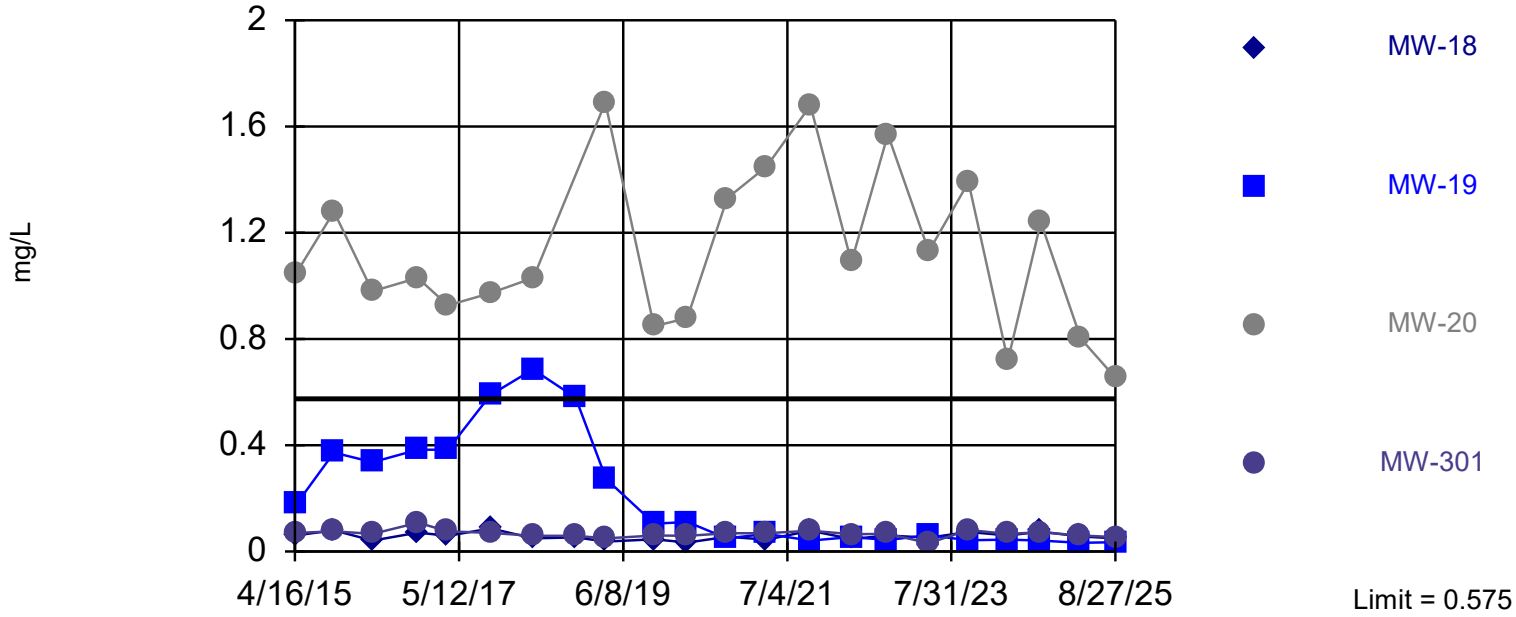
Constituent: Arsenic Analysis Run 10/21/2025 2:11 PM

Linn County SWAL Client: Foth Data: Site 2 - Fall 2025 Statistical Evaluation

Exceeds Limit: MW-20

Prediction Limit - Corrective Action Monitoring Assessment Constituents

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 37 background values. Annual per-constituent alpha = 0.03932. Individual comparison alpha = 0.001253 (1 of 2).

Constituent: Barium Analysis Run 10/21/2025 2:11 PM

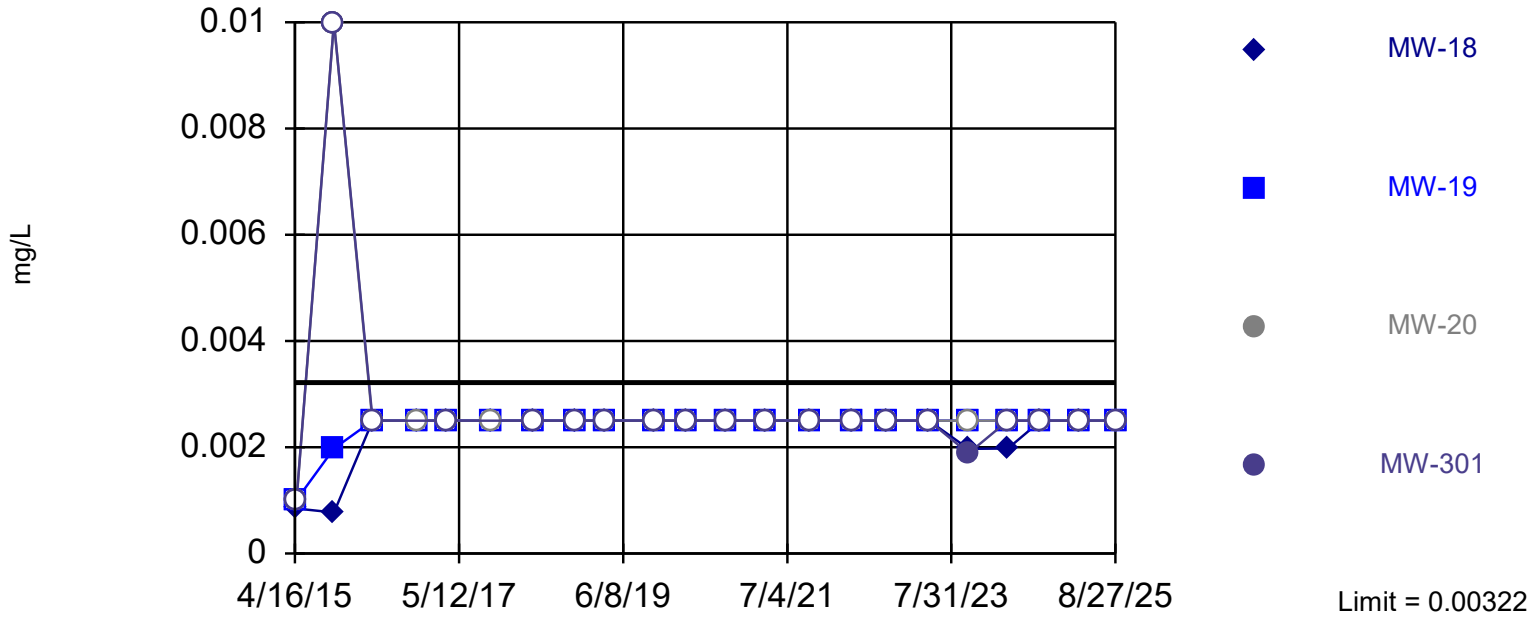
Linn County SWAL Client: Foth Data: Site 2 - Fall 2025 Statistical Evaluation

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 highest of 34 background values. 79.41% NDs. Annual per-constituent alpha = 0.04548. Individual comparison alpha = 0.001453 (1 of 2).

Constituent: Copper Analysis Run 10/21/2025 2:11 PM

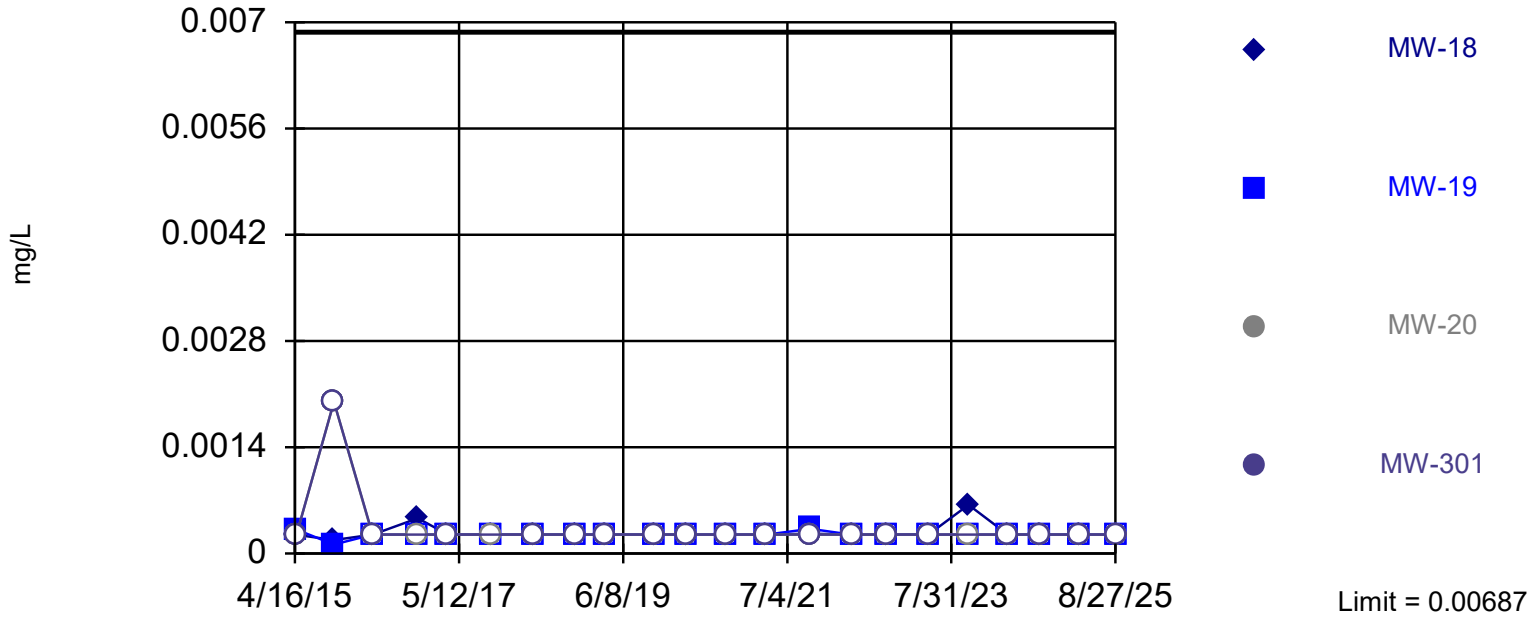
Linn County SWAL Client: Foth Data: Site 2 - Fall 2025 Statistical Evaluation

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 highest of 37 background values. 64.86% NDs. Annual per-constituent alpha = 0.03932. Individual comparison alpha = 0.001253 (1 of 2).

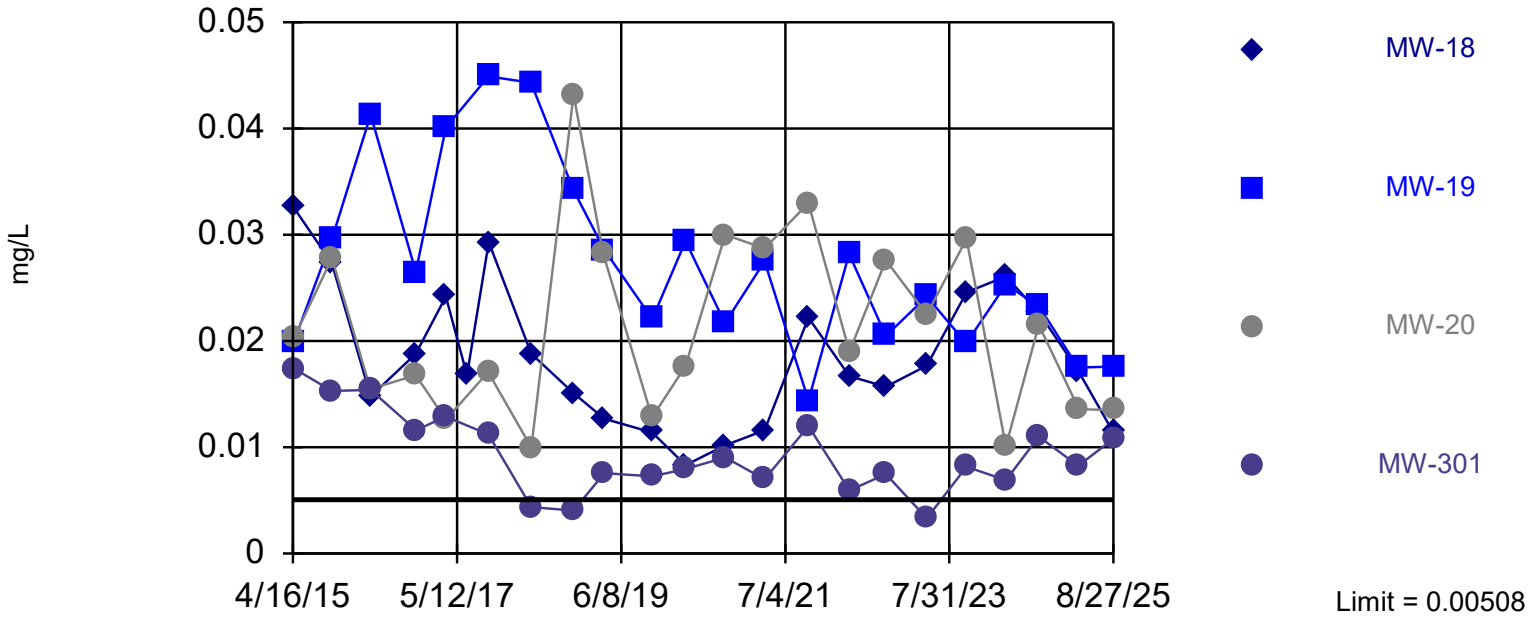
Constituent: Lead Analysis Run 10/21/2025 2:11 PM

Linn County SWAL Client: Foth Data: Site 2 - Fall 2025 Statistical Evaluation

Exceeds Limit: MW-18, MW-19, MW-20, MW-301

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 highest of 35 background values. 77.14% NDs. Annual per-constituent alpha = 0.0429. Individual comparison alpha = 0.001369 (1 of 2).

Constituent: Nickel Analysis Run 10/21/2025 2:11 PM

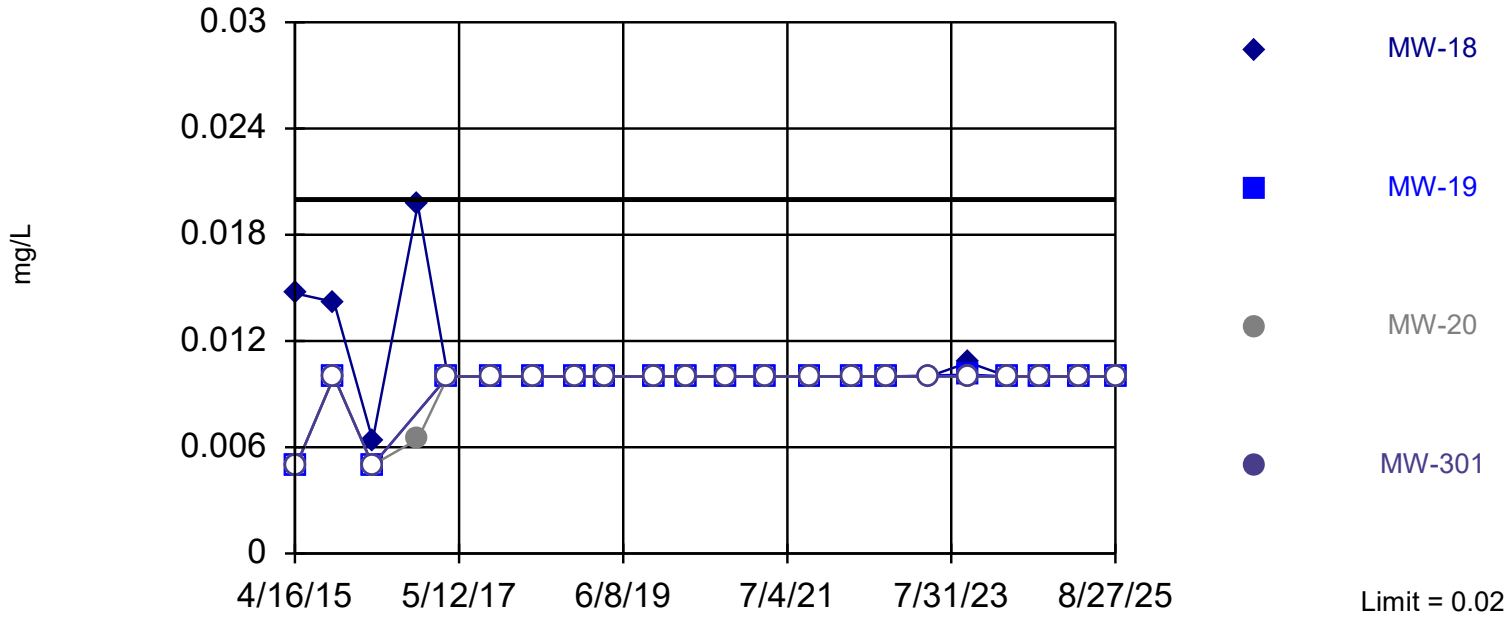
Linn County SWAL Client: Foth Data: Site 2 - Fall 2025 Statistical Evaluation

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 highest of 34 background values. 91.18% NDs. Annual per-constituent alpha = 0.04548. Individual comparison alpha = 0.001453 (1 of 2).

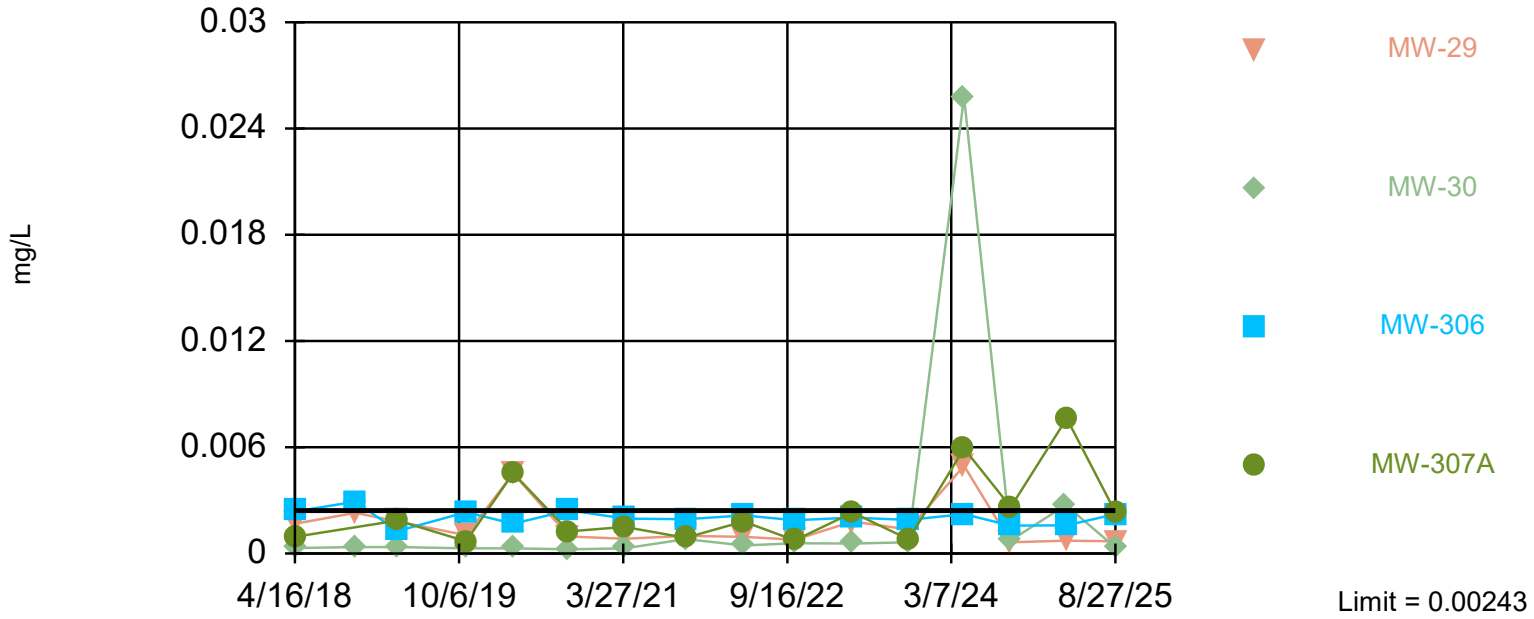
Constituent: Zinc Analysis Run 10/21/2025 2:11 PM

Linn County SWAL Client: Foth Data: Site 2 - Fall 2025 Statistical Evaluation

Within Limit

Prediction Limit - Delineation Monitoring

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 37 background values. 24.32% NDs. Annual per-constituent alpha = 0.03932. Individual comparison alpha = 0.001253 (1 of 2).

Constituent: Cobalt Analysis Run 10/21/2025 2:19 PM

Linn County SWAL Client: Foth Data: Site 2 - Fall 2025 Statistical Evaluation

Attachment 4

Sanitas Report Output for Double Quantification Rule Evaluations

Data Screening - Detection Monitoring

Analysis Run 10/22/2025 10:11 AM

Linn County SWAL Client: Foth Data: Site 2 - Fall 2025 Statistical Evaluation

A listing of detects for 212 constituents in GU-1 in Aug. 2025:

-none-

Data Screening - Detection Monitoring

Analysis Run 10/22/2025 10:31 AM

Linn County SWAL Client: Foth Data: Site 2 - Fall 2025 Statistical Evaluation

A listing of detects for 214 constituents in GU-L in Aug. 2025:

-none-

Data Screening - Detection Monitoring

Analysis Run 10/22/2025 1:28 PM

Linn County SWAL Client: Foth Data: Site 2 - Fall 2025 Statistical Evaluation

A listing of detects for 215 constituents in GU-O in Aug. 2025:

-none-

Data Screening - Detection Monitoring

Analysis Run 10/22/2025 3:43 PM

Linn County SWAL Client: Foth Data: Site 2 - Fall 2025 Statistical Evaluation

A listing of detects for 214 constituents in GU-P on Aug. 2025:

-none-

Data Screening - Detection Monitoring

Analysis Run 10/22/2025 10:59 AM

Linn County SWAL Client: Foth Data: Site 2 - Fall 2025 Statistical Evaluation

A listing of detects for 212 constituents in MW-501 in Aug. 2025:

-none-

Data Screening - Assessment Monitoring

Analysis Run 10/22/2025 10:56 AM

Linn County SWAL Client: Foth Data: Site 2 - Fall 2025 Statistical Evaluation

A listing of detects for 210 constituents in MW-15, MW-22, MW-24, MW-26A, MW-300, MW-302R, MW-303, MW-304R, and MW-305 in Aug. 2025:

Benzene, MW-22, 8/27/2025: 1.35 ug/L
Cadmium, MW-303, 8/26/2025: 0.00165 mg/L
Chromium, MW-304R, 8/26/2025: 0.00672 mg/L

A listing of detects for 210 constituents in MW-18, MW-19, MW-20, and MW-301 in Aug. 2025:

1,4-Dichlorobenzene, MW-19, 8/27/2025: 1.27 ug/L
Chlorobenzene, MW-19, 8/27/2025: 1.19 ug/L
Chlorobenzene, MW-20, 8/27/2025: 3.59 ug/L

Data Screening - Delineation Monitoring

Analysis Run 10/22/2025 11:18 AM

Linn County SWAL Client: Foth Data: Site 2 - Fall 2025 Statistical Evaluation

A listing of detects for Benzene in MW-29, MW-30, MW-306, and MW-307A in Aug. 2025:

-none-

Attachment 5
Sanitas Report Output for Confidence Interval Calculations & Confidence Bands around a Trend Line

Calculation of Cobalt Upper Tolerance Limit with 95% Coverage and 95% Confidence [1]

Constituent Name	Upper Limit	Background N	Background Wells	Background Mean	Standard Deviation	% Non-detects	Non-detect Adjustment	Transformation	Alpha	Method	Minimum Achieved Coverage
Cobalt (mg/l)	0.00243	37	MW-9AR,MW-201B	n/a	n/a	24	n/a	n/a	0.1499	NP Inter(normality)	92%

[1] Note that a nonparametric tolerance limit was utilized in the background as the cobalt GWPS calculation. Since a nonparametric limit was used, the minimum achieved tolerance limit coverage is less than 95%. This implies the upper tolerance limit gives a conservative estimate as the GWPS and is lower than what would be allowed with the *Unified Guidance* (USEPA, 2009) recommendation of an upper tolerance limit with 95% coverage.

Confidence Interval

Constituent Name	Well	Upper Limit	Lower Limit	Compliance Limit [2]	Exceed [2]	N	Mean	Standard Deviation	CV	a to Achieve 50% Power at R=1.5 [3,4]	a to Achieve 80% Power at R=2.0 [3,4]	% Non-detects	Non-detect Adjustment	Transformation	Alpha	Method
Assessment Monitoring Locations																
Arsenic (mg/L)	MW-26A	0.0100	0.0010	0.01	No	20	0.0049	0.0067	1.4	0.02	<0.01	55	None	No	0.02	NP (NDs)
Barium (mg/L)	MW-22	1.09	1.01	2	No	22	1.05	0.07	0.1	<0.01	<0.01	0	None	No	0.01	Param.
Barium (mg/L)	MW-26A	0.25	0.09	2	No	19	0.23	0.22	1.0	0.02	<0.01	0	None	No	0.02	NP (normality)
Benzene (ug/L)	MW-22	1.39	1.17	5	No	22	1.28	0.20	0.2	<0.01	<0.01	0	None	No	0.01	Param.
Cadmium (mg/L)	MW-303	0.00080	0.00013	0.005	No	25	0.00092	0.00166	1.8	<0.01	<0.01	36	None	No	0.01	NP (normality)
Chromium (mg/L)	MW-304R	0.007	0.003	0.1	No	21	0.003	0.002	0.6	0.02	<0.01	95	None	No	0.02	NP (NDs)
Cobalt (mg/L)	MW-15	0.00277	0.00164	0.00631	No	24	0.00221	0.00111	0.5	<0.01	<0.01	0	None	No	0.01	Param.
Cobalt (mg/L)	MW-26A	0.04180	0.00080	0.00631	No	20	0.02369	0.03561	1.5	0.02	<0.01	0	None	No	0.02	NP (normality)
Cobalt (mg/L)	MW-303	0.00960	0.00025	0.00631	No	26	0.00749	0.01281	1.7	<0.01	<0.01	0	None	No	0.01	NP (normality)
Cobalt (mg/L)	MW-304R	0.00885	0.00108	0.00631	No	25	0.00476	0.00385	0.8	<0.01	<0.01	8	None	No	0.01	NP (normality)
Nickel (mg/L)	MW-15	0.008	0.006	0.1	No	24	0.007	0.002	0.3	<0.01	<0.01	0	None	No	0.01	Param.
Nickel (mg/L)	MW-22	0.035	0.032	0.1	No	21	0.034	0.003	0.1	<0.01	<0.01	0	None	No	0.01	Param.
Nickel (mg/L)	MW-24	0.043	0.029	0.1	No	24	0.036	0.013	0.4	<0.01	<0.01	0	None	No	0.01	Param.
Nickel (mg/L)	MW-26A	0.035	0.007	0.1	No	20	0.017	0.016	0.9	0.02	<0.01	0	None	No	0.02	NP (normality)
Nickel (mg/L)	MW-303	0.056	0.003	0.1	No	25	0.029	0.030	1.0	<0.01	<0.01	8	None	No	0.01	NP (normality)
Nickel (mg/L)	MW-304R	0.007	0.003	0.1	No	24	0.005	0.003	0.6	<0.01	<0.01	8	None	No	0.01	Param.
Corrective Action Monitoring Locations - Assessment Constituents																
1,4-Dichlorobenzene (ug/L)	MW-19	4.0	1.9	75	No	22	2.9	1.9	0.7	0.01	<0.01	14	None	No	0.01	Param.
Barium (mg/L)	MW-20	1.30	0.96	2	No	21	1.13	0.30	0.3	<0.01	<0.01	0	None	No	0.01	Param.
Chlorobenzene (ug/L)	MW-19	5.1	2.5	100	No	22	3.8	2.4	0.6	0.01	<0.01	9	None	No	0.01	Param.
Chlorobenzene (ug/L)	MW-20	7.8	5.6	100	No	22	6.7	2.1	0.3	<0.01	<0.01	0	None	No	0.01	Param.
Nickel (mg/L)	MW-18	0.022	0.015	0.1	No	23	0.019	0.007	0.4	<0.01	<0.01	0	None	No	0.01	Param.
Nickel (mg/L)	MW-19	0.032	0.023	0.1	No	22	0.027	0.009	0.3	<0.01	<0.01	0	None	No	0.01	Param.
Nickel (mg/L)	MW-20	0.026	0.017	0.1	No	22	0.021	0.009	0.4	<0.01	<0.01	0	None	No	0.01	Param.
Nickel (mg/L)	MW-301	0.011	0.007	0.1	No	22	0.009	0.004	0.4	<0.01	<0.01	0	None	No	0.01	Param.
Corrective Action Monitoring Locations - Corrective Action Constituents																
Benzene (ug/L)	MW-20	Evaluated with Linear Regression Confidence Band Testing Method. Significant Decreasing Trend in Data since Apr. 2015.														
Cobalt (mg/L)	MW-18	Evaluated with Linear Regression Confidence Band Testing Method. Significant Decreasing Trend in Data since Apr. 2015.														
Cobalt (mg/L)	MW-19	0.01480	0.01283	0.00243	Yes	22	0.01382	0.00348	0.3	N/A	N/A	0	None	No	0.1	Param.
Cobalt (mg/L)	MW-20	0.00430	0.00356	0.00631	No	22	0.00393	0.00131	0.3	N/A	N/A	0	None	No	0.1	Param.
Cobalt (mg/L)	MW-301	Evaluated with Linear Regression Confidence Band Testing Method. Significant Decreasing Trend in Data since Apr. 2015.														

[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 cobalt. Two site-specific background GWPS values are utilized for cobalt depending on the geologic formation of the screened interval and location of the monitoring well, which is further discussed in the Fall 2025 Statistical Evaluation memo.

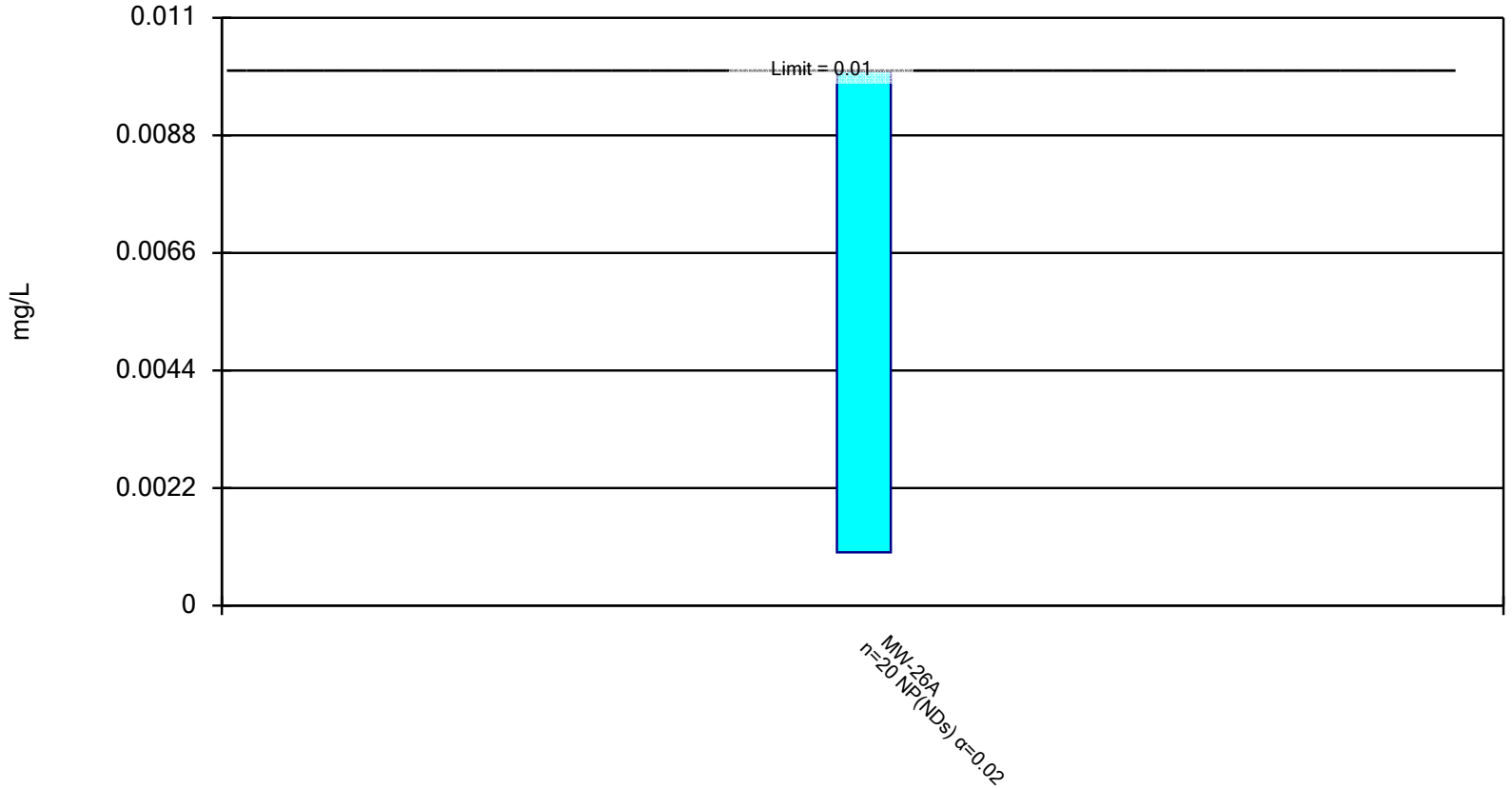
[2] Under assessment mode, an SSL is indicated when the lower confidence limit exceeds the groundwater protection standard (compliance limit).
Under corrective action mode, an SSL is rejected when the upper confidence limit lies below the groundwater protection standard (compliance limit).

[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., $1 - \beta = G_{T,n-1}\left(t_{1-\alpha,n-1} \middle| \Delta = \sqrt{n}(R-1)\right)$
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.

Non-Parametric Confidence Interval - Assessment Monitoring

Compliance Limit is not exceeded.

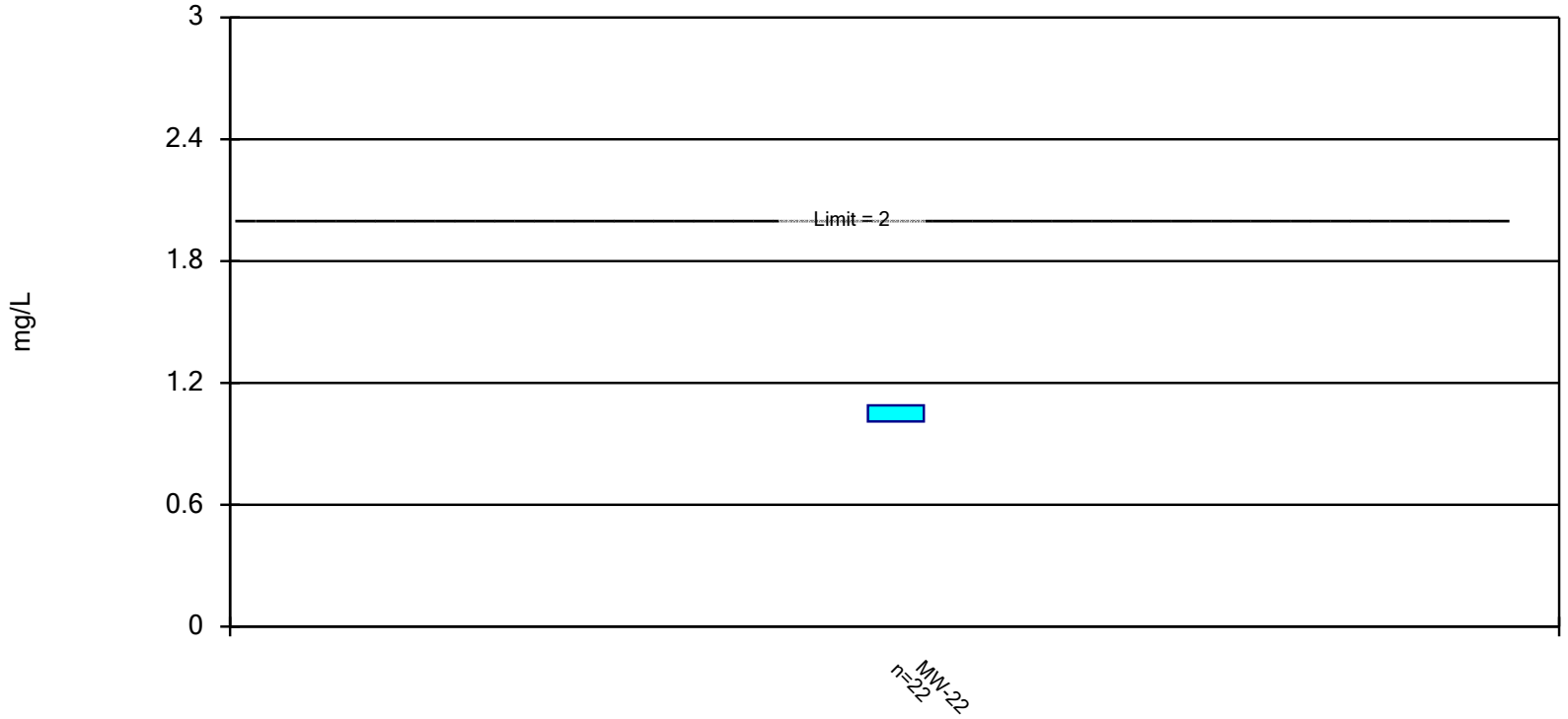


Constituent: Arsenic Analysis Run 10/23/2025 5:20 PM

Linn County SWAL Client: Foth Data: Site 2 - Fall 2025 Statistical Evaluation

Parametric Confidence Interval - Assessment Monitoring

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

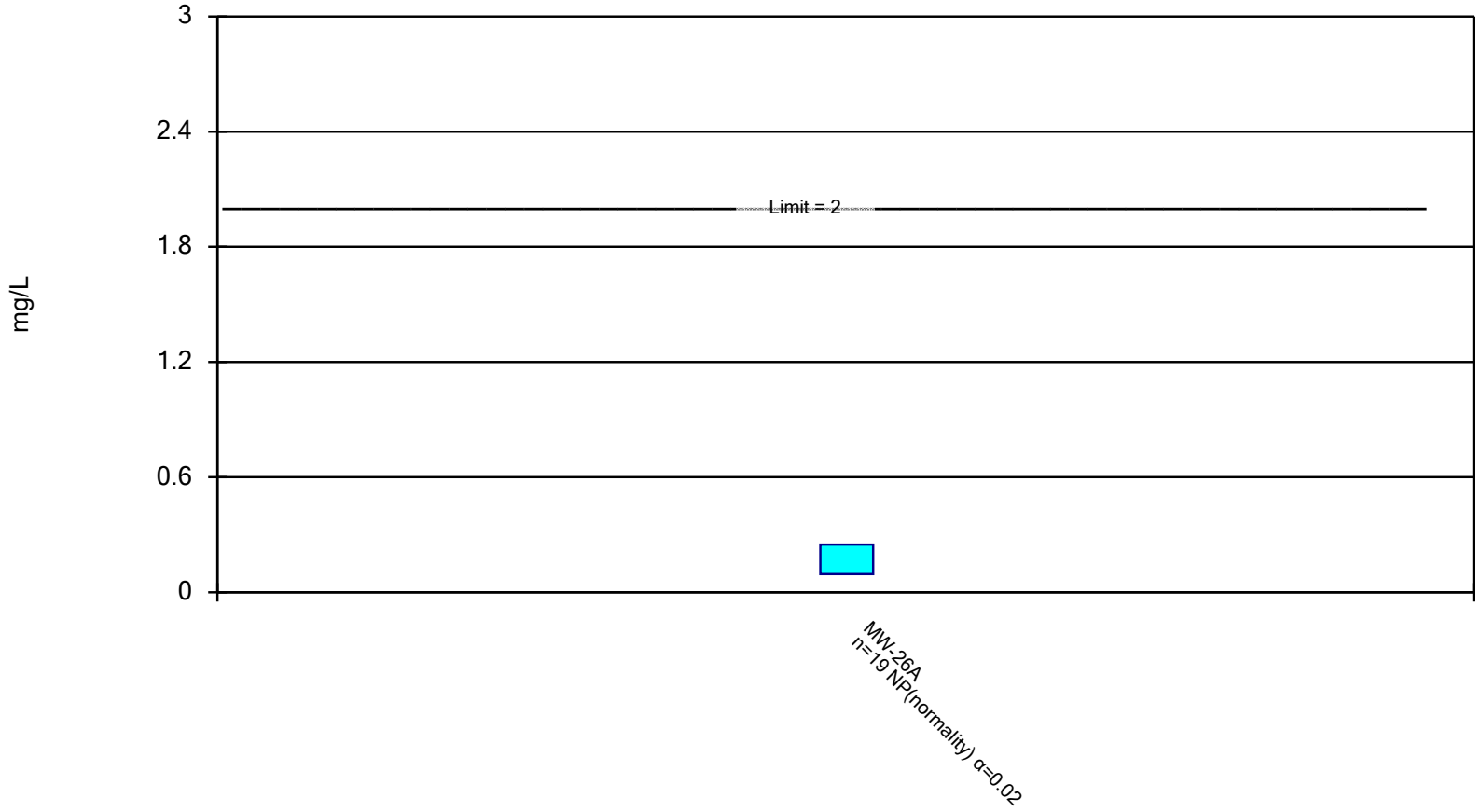


Constituent: Barium Analysis Run 10/23/2025 5:25 PM

Linn County SWAL Client: Foth Data: Site 2 - Fall 2025 Statistical Evaluation

Non-Parametric Confidence Interval - Assessment Monitoring

Compliance Limit is not exceeded.

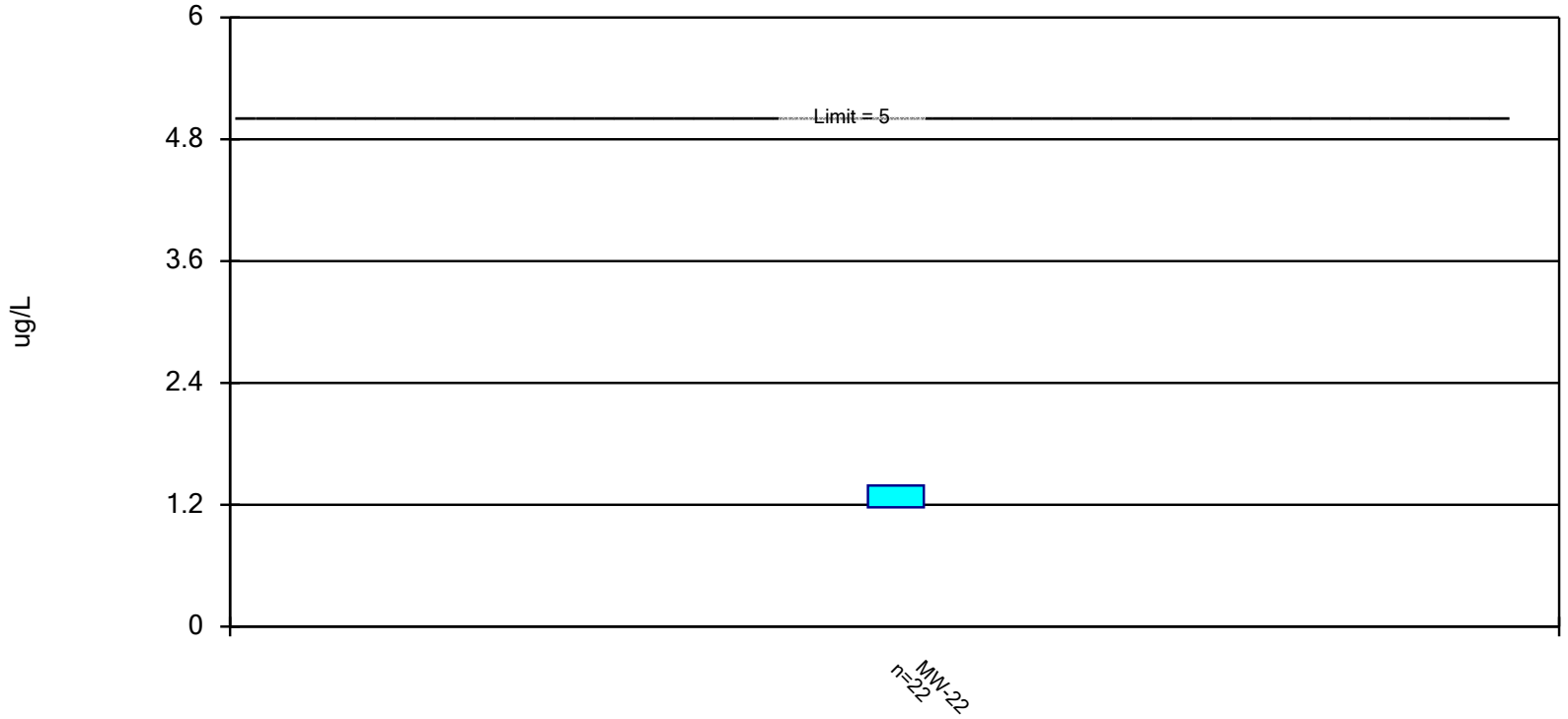


Constituent: Barium Analysis Run 10/23/2025 5:20 PM

Linn County SWAL Client: Foth Data: Site 2 - Fall 2025 Statistical Evaluation

Parametric Confidence Interval - Assessment Monitoring

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

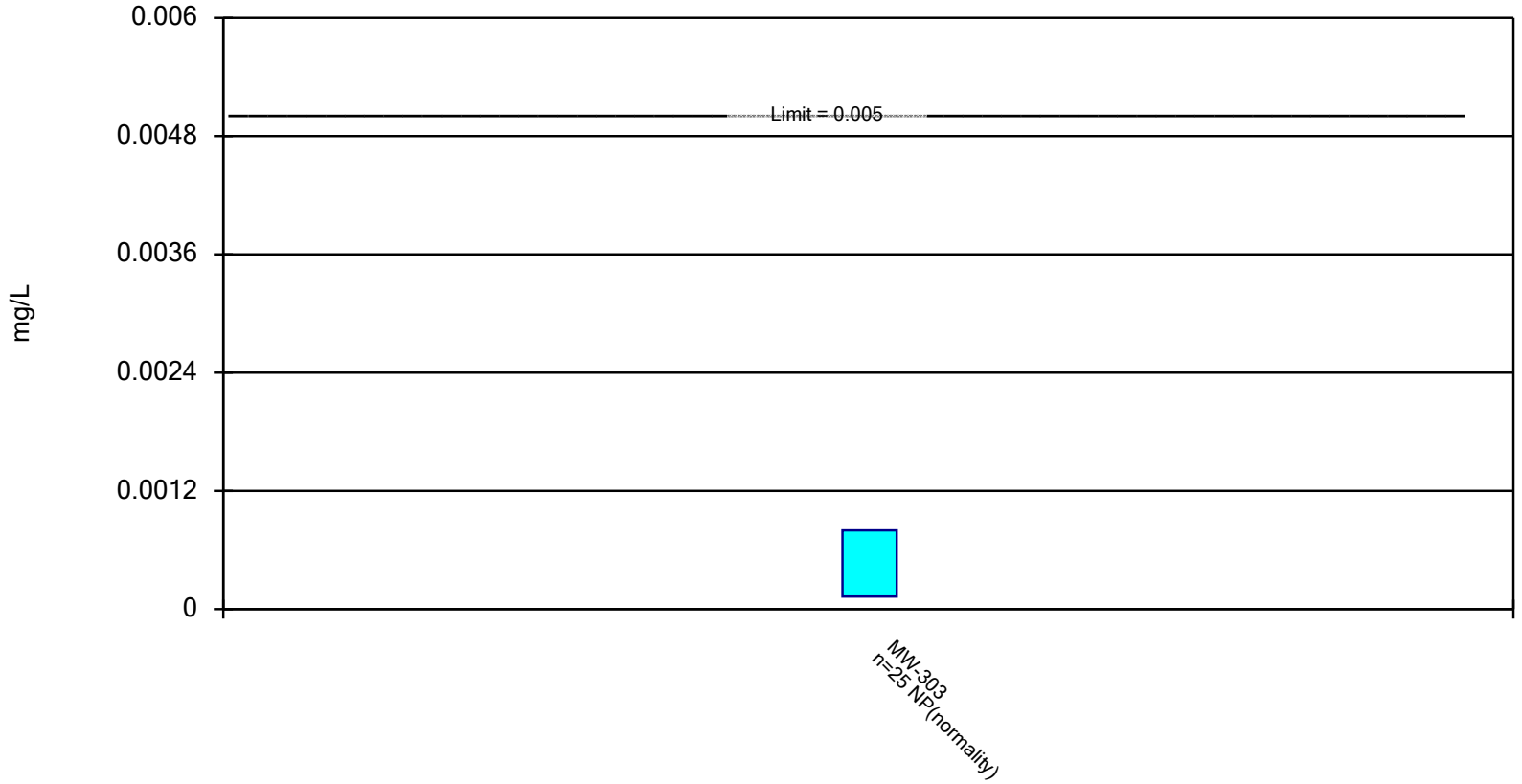


Constituent: Benzene Analysis Run 10/23/2025 5:25 PM

Linn County SWAL Client: Foth Data: Site 2 - Fall 2025 Statistical Evaluation

Non-Parametric Confidence Interval - Assessment Monitoring

Compliance Limit is not exceeded. Per-well alpha = 0.01.

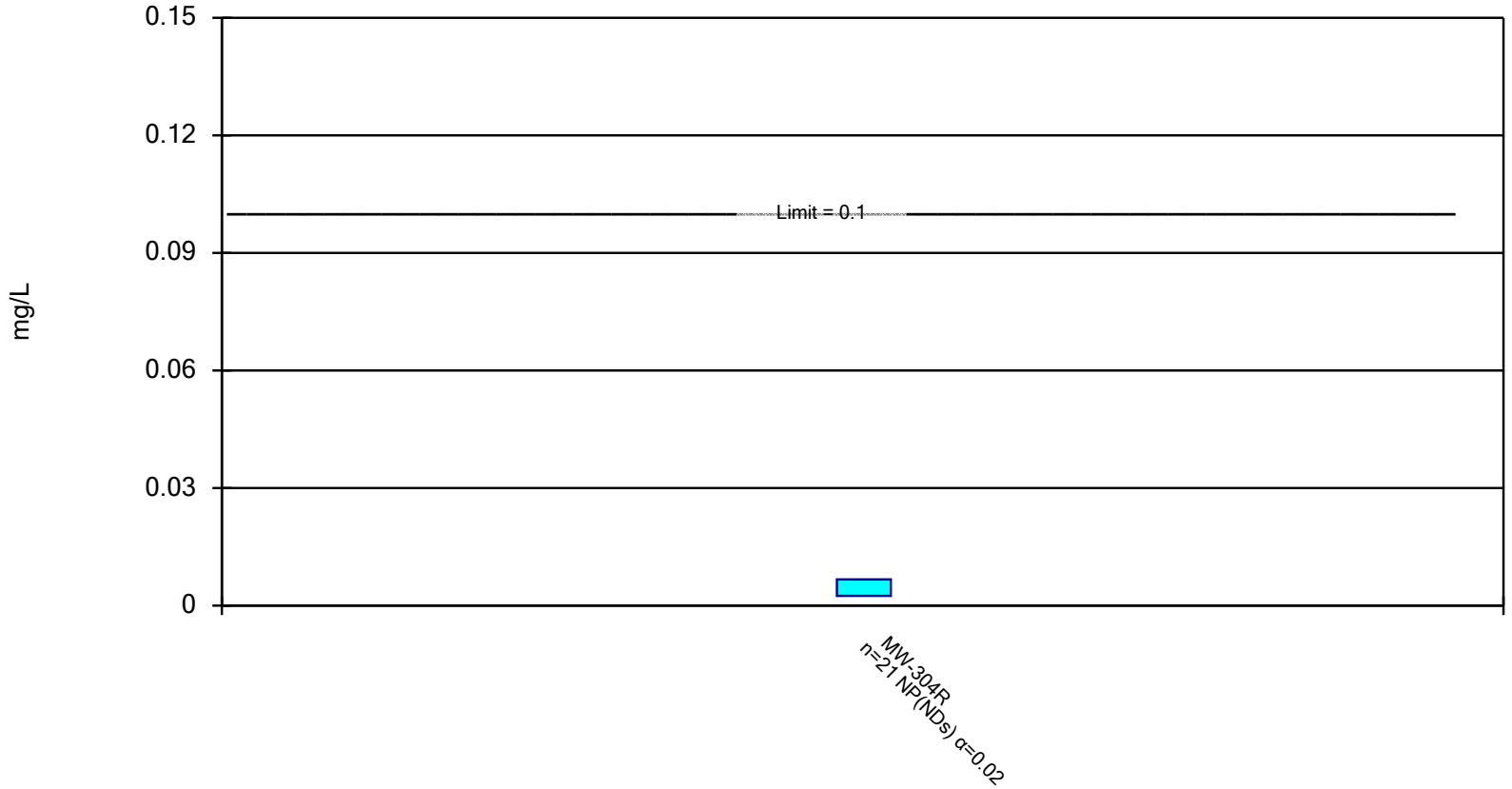


Constituent: Cadmium Analysis Run 10/23/2025 5:25 PM

Linn County SWAL Client: Foth Data: Site 2 - Fall 2025 Statistical Evaluation

Non-Parametric Confidence Interval - Assessment Monitoring

Compliance Limit is not exceeded.

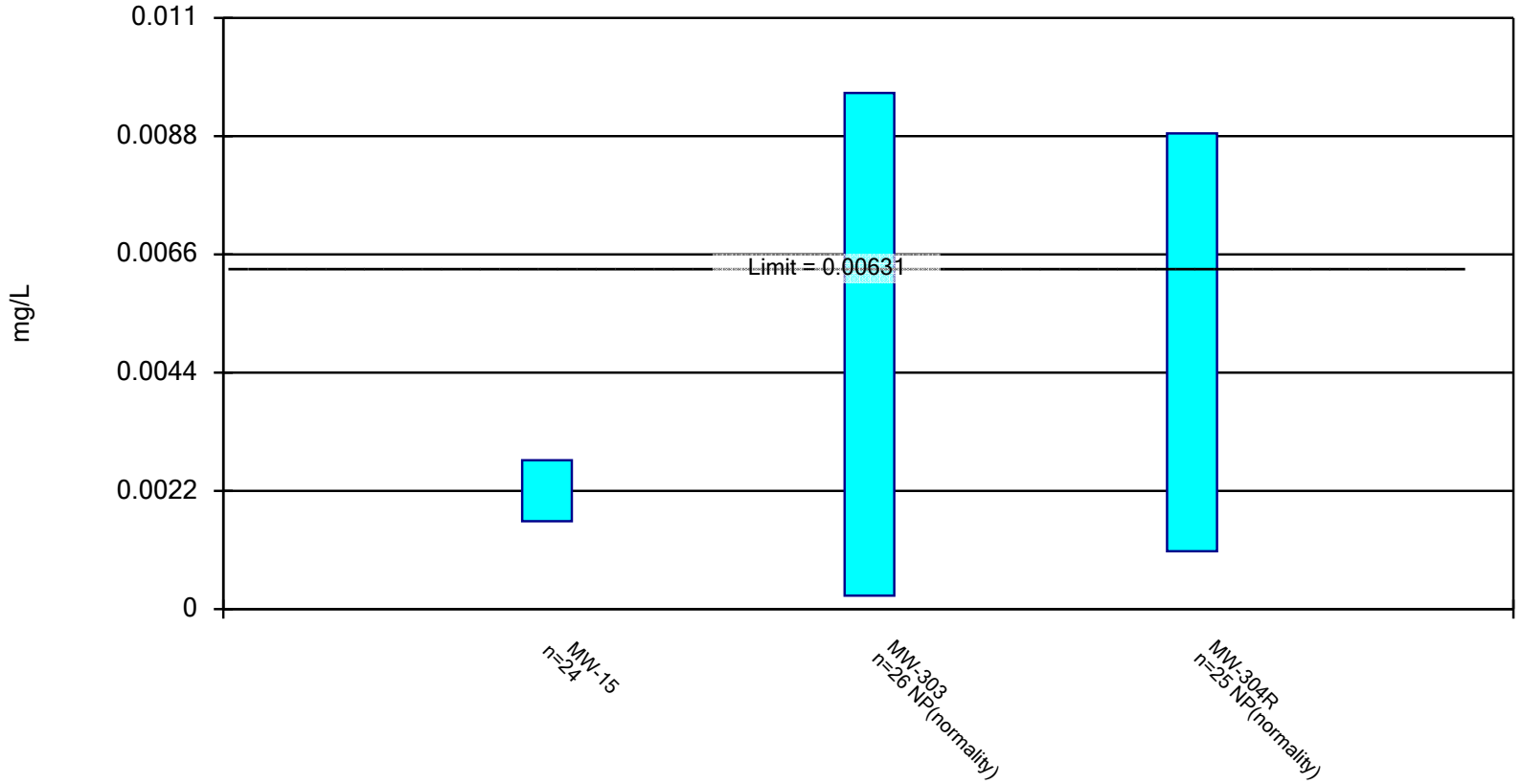


Constituent: Chromium Analysis Run 10/23/2025 5:20 PM

Linn County SWAL Client: Foth Data: Site 2 - Fall 2025 Statistical Evaluation

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.

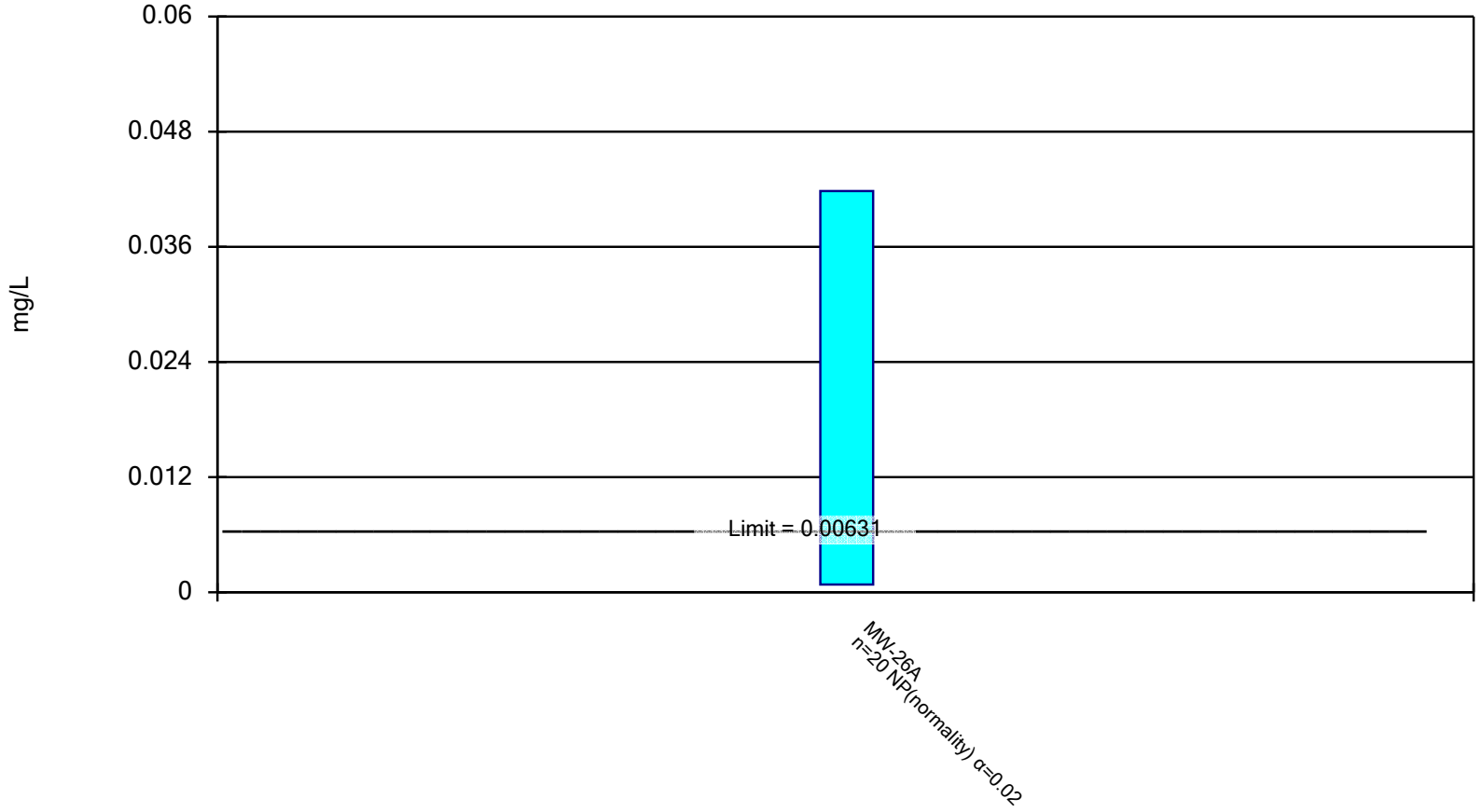


Constituent: Cobalt Analysis Run 10/23/2025 5:26 PM

Linn County SWAL Client: Foth Data: Site 2 - Fall 2025 Statistical Evaluation

Non-Parametric Confidence Interval - Assessment Monitoring

Compliance Limit is not exceeded.

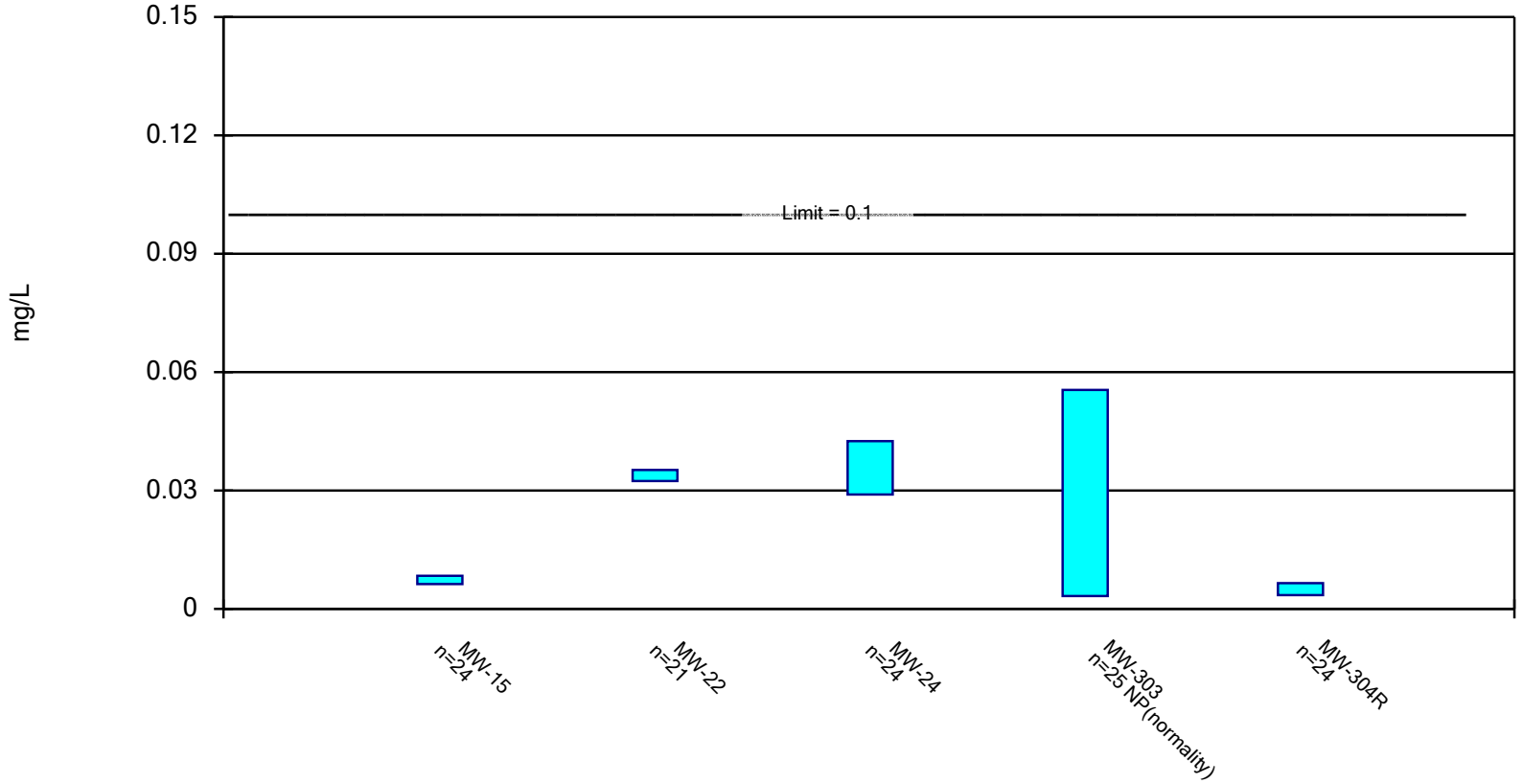


Constituent: Cobalt Analysis Run 10/23/2025 5:26 PM

Linn County SWAL Client: Foth Data: Site 2 - Fall 2025 Statistical Evaluation

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.

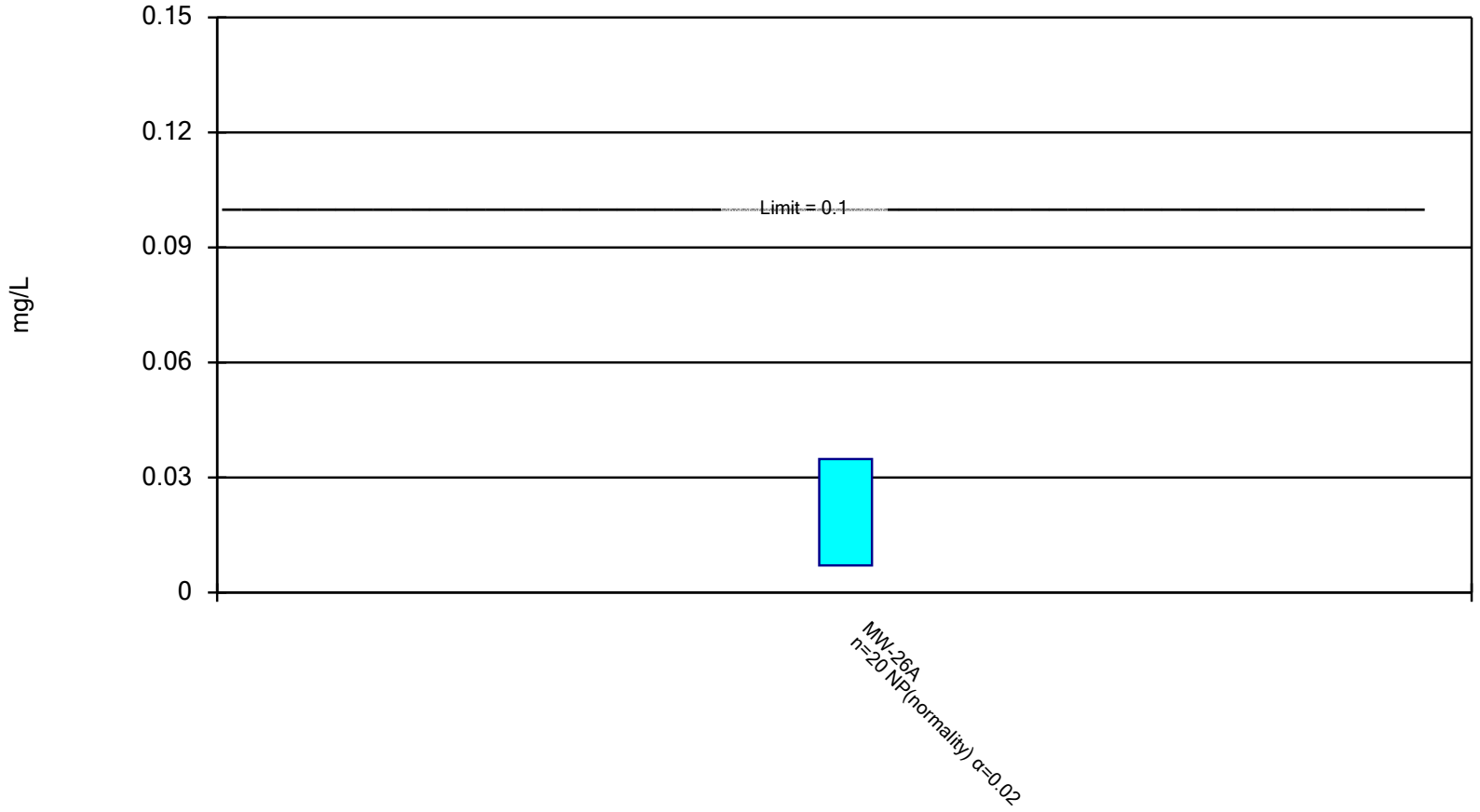


Constituent: Nickel Analysis Run 10/23/2025 5:25 PM

Linn County SWAL Client: Foth Data: Site 2 - Fall 2025 Statistical Evaluation

Non-Parametric Confidence Interval - Assessment Monitoring

Compliance Limit is not exceeded.



Constituent: Nickel Analysis Run 10/23/2025 5:20 PM

Linn County SWAL Client: Foth Data: Site 2 - Fall 2025 Statistical Evaluation

Parametric Confidence Interval - Corrective Action Monitoring Assessment Constituents

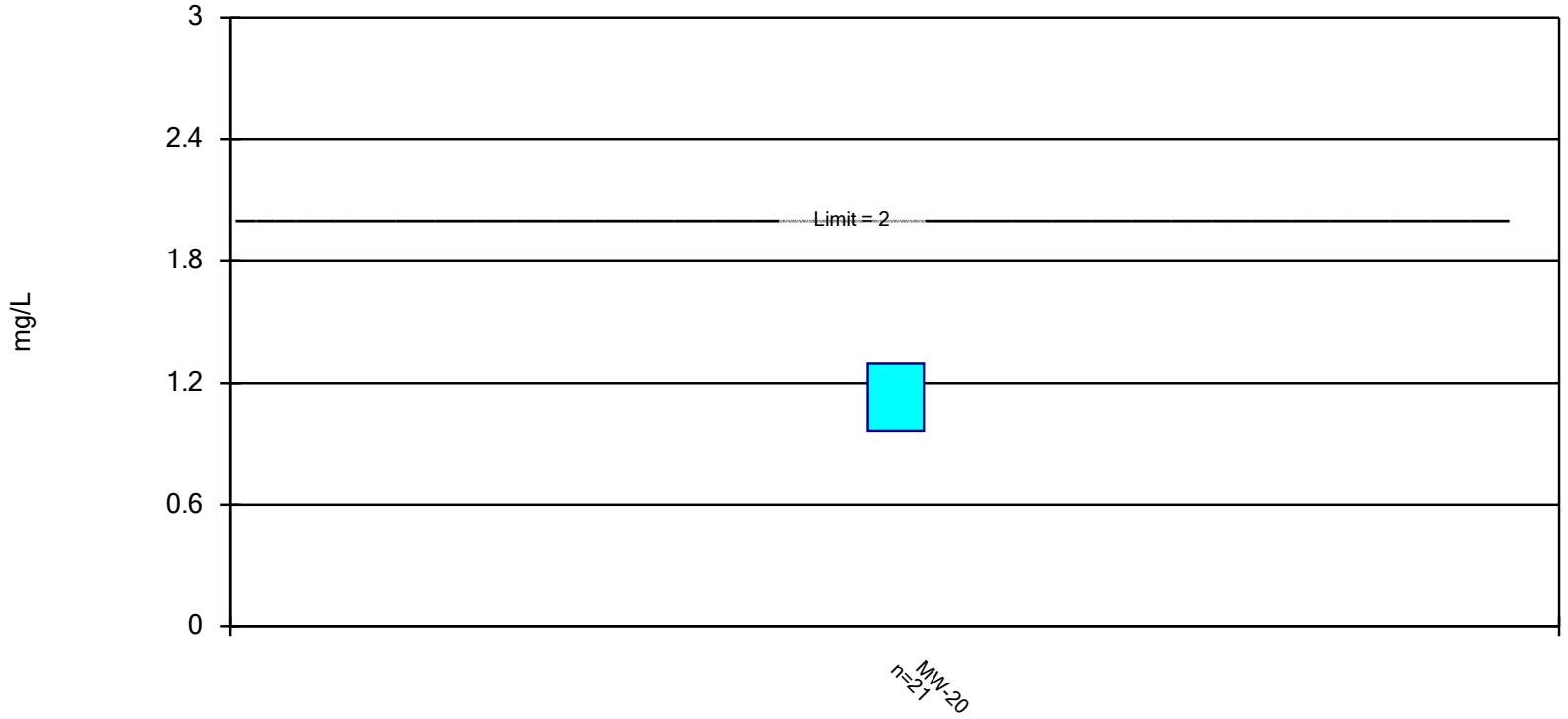
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

Constituent: 1,4-Dichlorobenzene Analysis Run 10/23/2025 5:37 PM

Linn County SWAL Client: Foth Data: Site 2 - Fall 2025 Statistical 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.

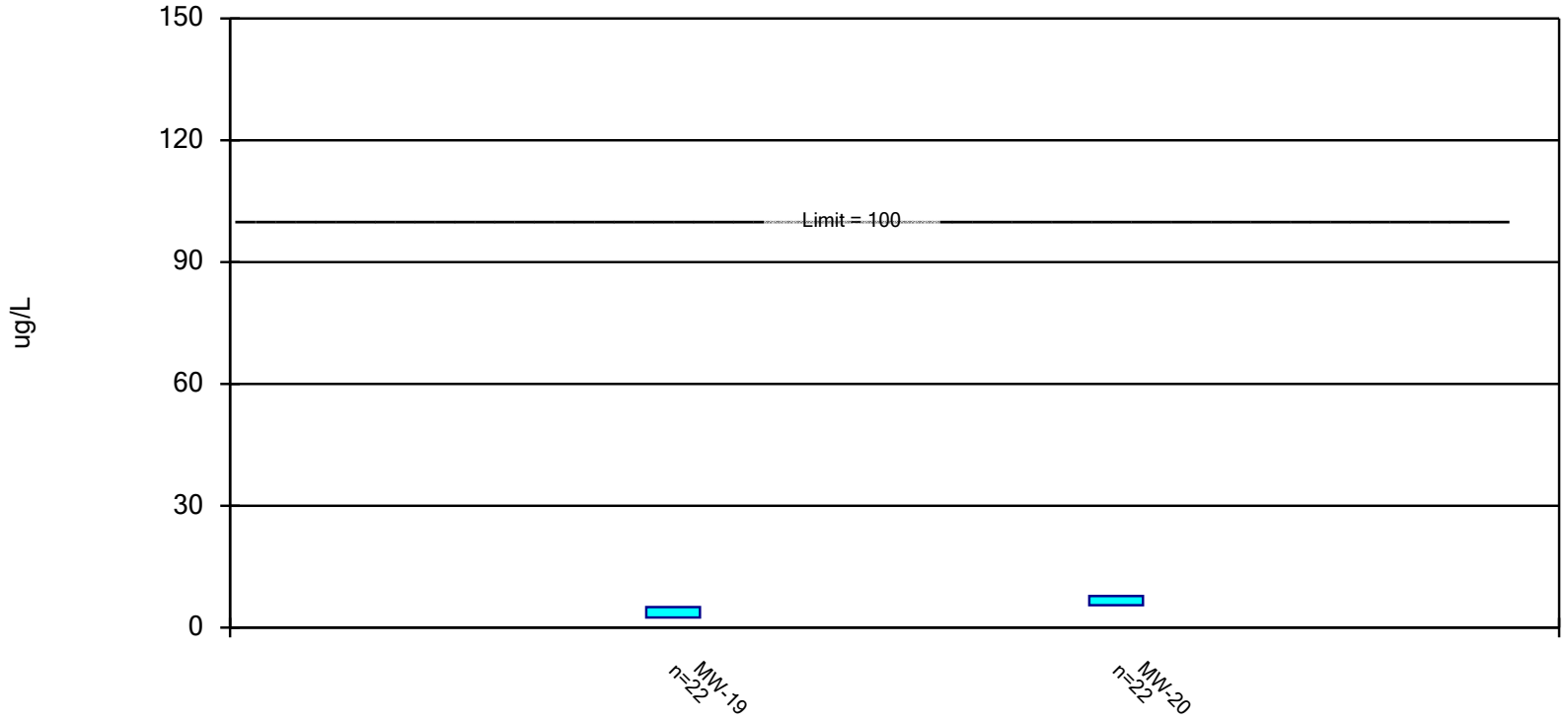


Constituent: Barium Analysis Run 10/23/2025 5:37 PM

Linn County SWAL Client: Foth Data: Site 2 - Fall 2025 Statistical 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.

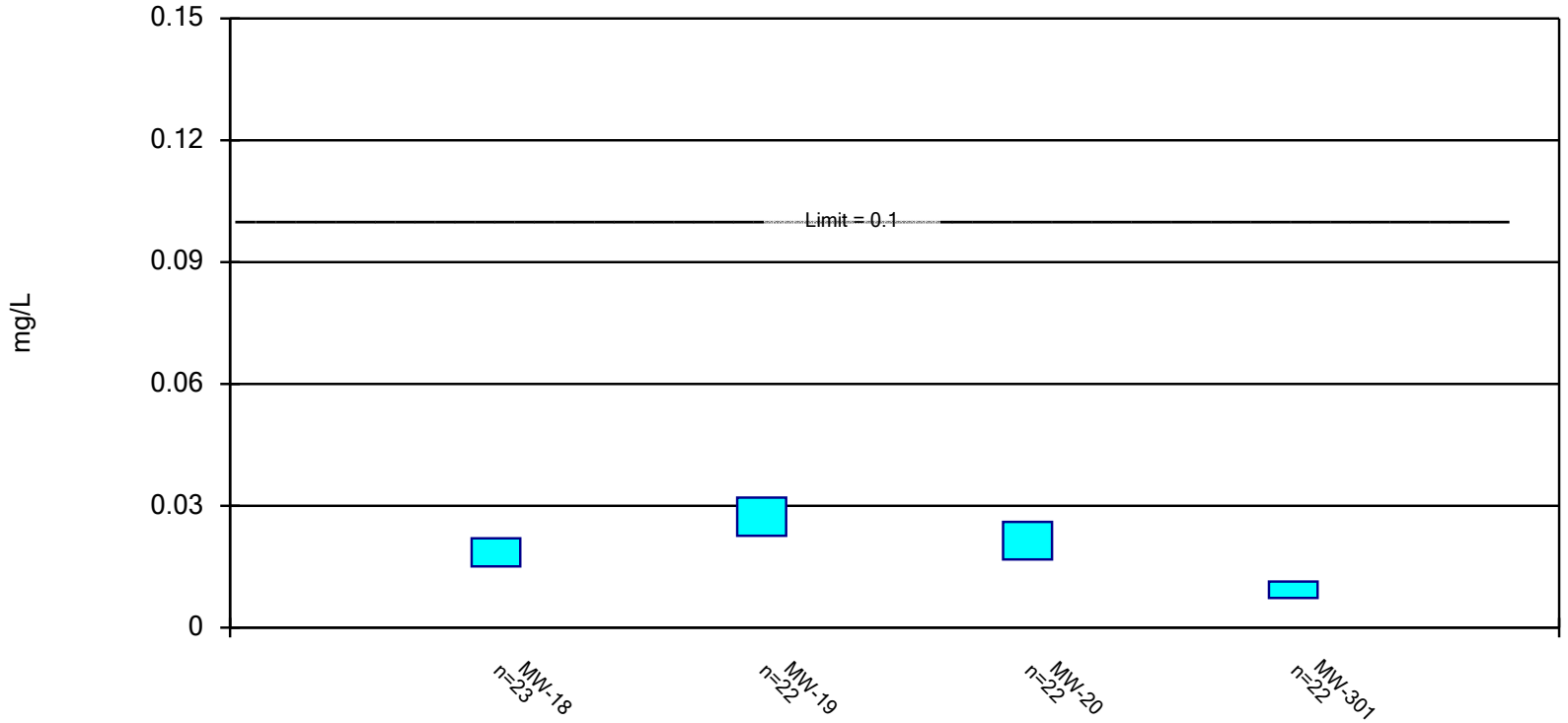


Constituent: Chlorobenzene Analysis Run 10/23/2025 5:37 PM

Linn County SWAL Client: Foth Data: Site 2 - Fall 2025 Statistical 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: Nickel Analysis Run 10/23/2025 5:37 PM

Linn County SWAL Client: Foth Data: Site 2 - Fall 2025 Statistical Evaluation

MW-20 Benzene Regression Analysis

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.572850947
R Square	0.328158208
Adjusted R Square	0.294566118
Standard Error	0.223880624
Observations	22

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	0.489642683	0.4896427	9.7689132	0.00532714
Residual	20	1.002450677	0.0501225		
Total	21	1.49209336			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	7.280186632	1.823442431	3.9925509	0.0007159	3.476552374	11.08382089	3.476552374	11.08382089
X Variable 1	-0.00012942	4.14081E-05	-3.125526	0.0053271	-0.000215798	-4.30463E-05	-0.0002158	-4.30463E-05

X	Y	ln(Y)	Predicted-Log Scale	Predicted	Upper 95% CL	Lower 95% CL	Upper 95% PL	Lower 95% PL
4/23/2015	6.33	1.85	1.83	6.23	7.30	5.31	9.46	4.10
10/12/2015	5.36	1.68	1.81	6.09	7.07	5.25	9.21	4.03
4/7/2016	5.36	1.68	1.78	5.95	6.84	5.19	8.97	3.95
11/3/2016	4.96	1.60	1.76	5.79	6.58	5.11	8.70	3.86
3/22/2017	5.78	1.75	1.74	5.69	6.41	5.05	8.52	3.80
10/3/2017	4.3	1.46	1.71	5.55	6.19	4.97	8.29	3.71
4/19/2018	5.01	1.61	1.69	5.41	5.98	4.89	8.06	3.63
10/31/2018	6.4	1.86	1.66	5.27	5.79	4.80	7.85	3.54
3/18/2019	5.77	1.75	1.64	5.18	5.66	4.74	7.70	3.49
10/29/2019	6.47	1.87	1.62	5.03	5.47	4.62	7.47	3.39
3/30/2020	6.98	1.94	1.60	4.93	5.36	4.54	7.32	3.32
9/30/2020	5.51	1.71	1.57	4.82	5.23	4.44	7.15	3.25
3/31/2021	6.12	1.81	1.55	4.70	5.12	4.32	6.99	3.17
10/19/2021	5.7	1.74	1.52	4.58	5.01	4.19	6.81	3.08
4/26/2022	5.34	1.68	1.50	4.47	4.92	4.07	6.66	3.01
10/12/2022	3.09	1.13	1.48	4.38	4.84	3.95	6.52	2.94
4/19/2023	2.71	1.00	1.45	4.27	4.77	3.83	6.38	2.86
10/19/2023	3.66	1.30	1.43	4.17	4.70	3.70	6.25	2.78
4/18/2024	3.47	1.24	1.40	4.07	4.63	3.58	6.12	2.71
9/17/2024	3.2	1.16	1.38	3.99	4.58	3.48	6.02	2.65
3/20/2025	4.21	1.44	1.36	3.90	4.52	3.36	5.90	2.58
8/27/2025	4.83	1.57	1.34	3.82	4.47	3.26	5.80	2.52

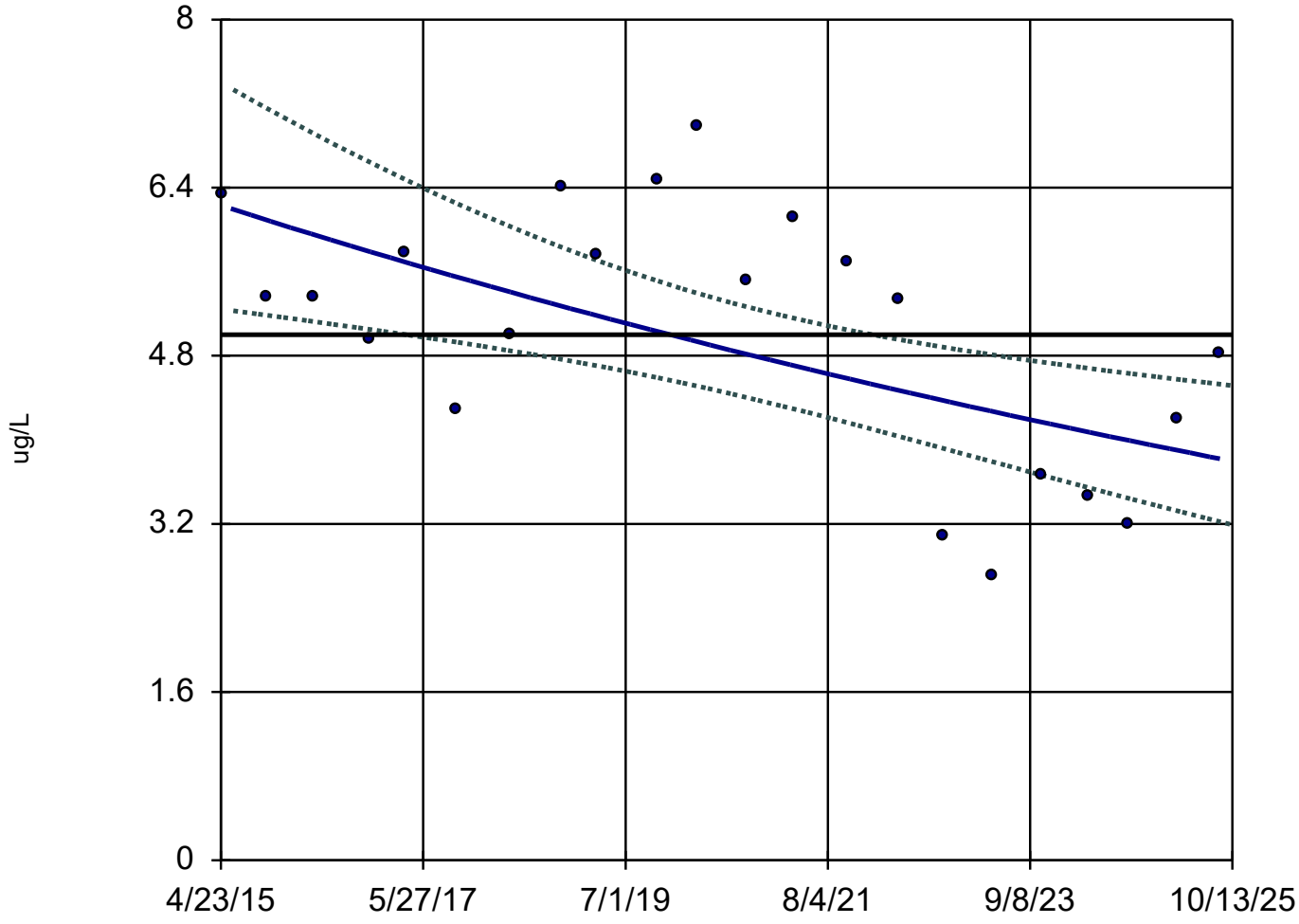
GWPS = 5 mg/L

First Achieved Compliance with the GWPS
Fall 2024

Projected Year to Completion
Spring 2027

Linear Regression and 90% Confidence Band

MW-20



n = 22

Slope = -0.04727
natural log units/year.

alpha = 0.02
t = -3.124
critical = -2.197

Significant decreasing trend.

Normality test on residuals:
Shapiro Wilk @alpha
= 0.01, calculated
= 0.9631 after natural
log transformation,
critical = 0.878.

GWPS = 5.

Constituent: Benzene Analysis Run 10/24/2025 1:49 PM

Linn County SWAL Client: Foth Data: Site 2 - Fall 2025 Statistical Evaluation

MW-18 Cobalt Regression Analysis

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.667026558
R Square	0.44492443
Adjusted R Square	0.41849226
Standard Error	0.584830038
Observations	23

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	5.757219323	5.7572193	16.832686	0.000508212
Residual	21	7.182549635	0.3420262		
Total	22	12.93976896			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	14.11683241	4.664965449	3.0261387	0.0064258	4.415505677	23.81815914	4.415505677	23.81815914
X Variable 1	-0.00043511	0.000106053	-4.102766	0.0005082	-0.000655657	-0.00021456	-0.00065566	-0.00021456

X	Y	ln(Y)	Predicted-Log Scale	Predicted	Upper 95% CL	Lower 95% CL	Upper 95% PL	Lower 95% PL
4/16/2015	0.0152	-4.18646	-4.20560	0.01491	0.02223	0.01000	0.04403	0.00505
10/13/2015	0.0246	-3.70501	-4.28392	0.01379	0.02000	0.00951	0.04031	0.00472
4/9/2016	0.067	-2.70306	-4.36181	0.01276	0.01802	0.00903	0.03696	0.00440
11/2/2016	0.0179	-4.02295	-4.45187	0.01166	0.01599	0.00850	0.03347	0.00406
3/22/2017	0.00817	-4.80729	-4.51279	0.01097	0.01477	0.00814	0.03132	0.00384
6/27/2017	0.00746	-4.89820	-4.55499	0.01051	0.01399	0.00790	0.02993	0.00369
10/5/2017	0.00987	-4.61826	-4.59850	0.01007	0.01323	0.00766	0.02856	0.00355
4/20/2018	0.00657	-5.02524	-4.68422	0.00924	0.01189	0.00718	0.02607	0.00327
10/31/2018	0.00612	-5.09619	-4.76863	0.00849	0.01073	0.00672	0.02386	0.00302
3/22/2019	0.0051	-5.27851	-4.83042	0.00798	0.00999	0.00638	0.02238	0.00285
10/30/2019	0.00407	-5.50411	-4.92701	0.00725	0.00897	0.00586	0.02028	0.00259
3/21/2020	0.00271	-5.91081	-4.98923	0.00681	0.00840	0.00552	0.01904	0.00244
9/30/2020	0.00362	-5.62128	-5.07321	0.00626	0.00774	0.00507	0.01751	0.00224
3/31/2021	0.00338	-5.68988	-5.15240	0.00579	0.00719	0.00465	0.01620	0.00207
10/19/2021	0.00591	-5.13111	-5.24029	0.00530	0.00667	0.00421	0.01488	0.00189
4/26/2022	0.00446	-5.41261	-5.32253	0.00488	0.00624	0.00382	0.01375	0.00173
10/12/2022	0.00496	-5.30635	-5.39606	0.00453	0.00590	0.00348	0.01283	0.00160
4/19/2023	0.00255	-5.97166	-5.47829	0.00418	0.00556	0.00314	0.01189	0.00147
10/19/2023	0.0071	-4.94766	-5.55792	0.00386	0.00526	0.00283	0.01105	0.00135
4/18/2024	0.00346	-5.66649	-5.63711	0.00356	0.00498	0.00255	0.01029	0.00123
9/17/2024	0.00709	-4.94907	-5.70325	0.00334	0.00476	0.00233	0.00970	0.00115
3/18/2025	0.00506	-5.28639	-5.78244	0.00308	0.00452	0.00210	0.00905	0.00105
8/27/2025	0.0036	-5.62682	-5.85292	0.00287	0.00432	0.00191	0.00851	0.00097

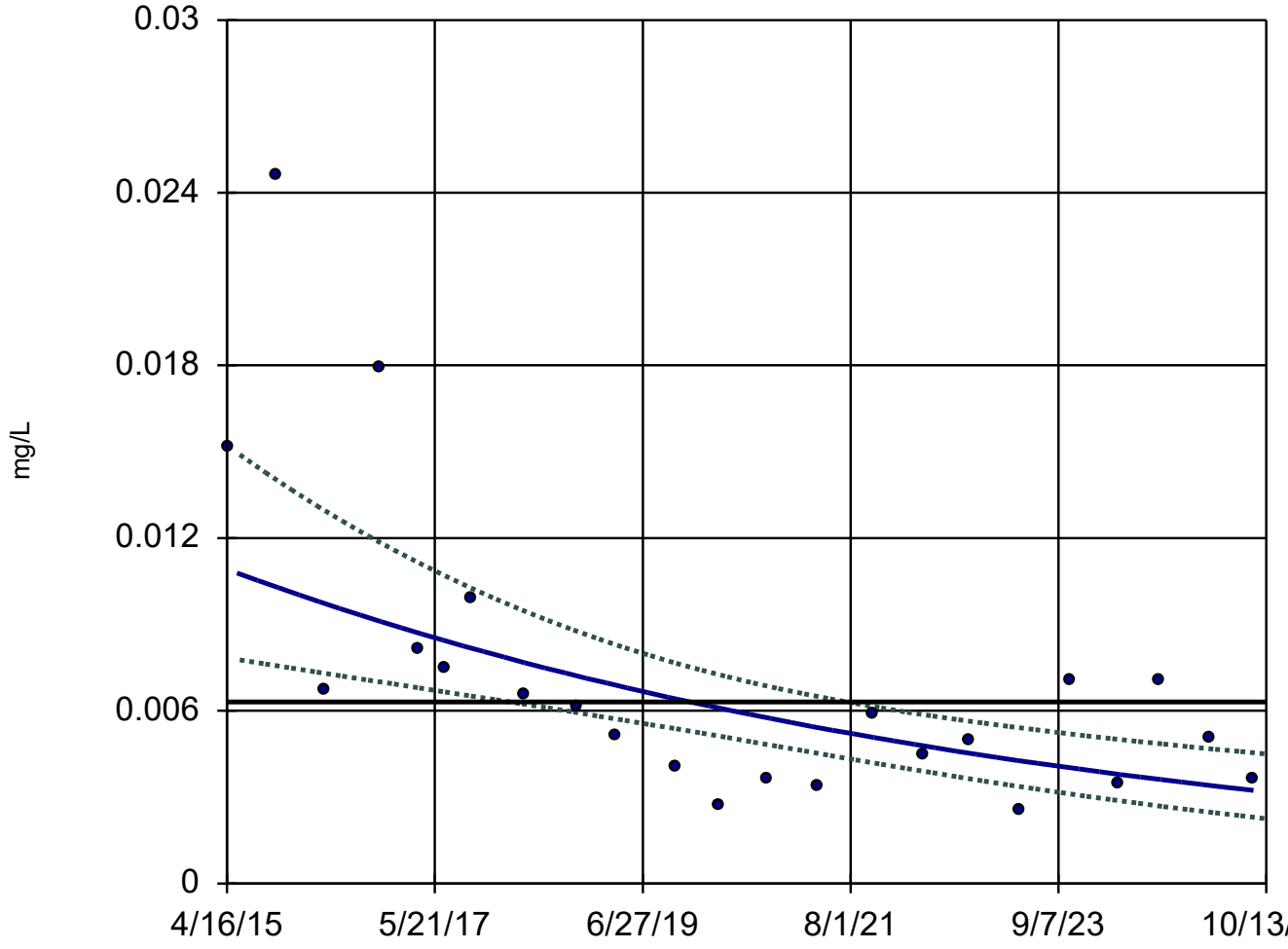
GWPS (Background in Alluvium & Indian Creek Floodplain) = 0.00631 mg/L

First Achieved Compliance with the GWPS
Spring 2024

Projected Year to Completion
Fall 2026

Linear Regression and 90% Confidence Band

MW-18



n = 23

Slope = -0.1174
natural log units/year.

alpha = 0.02
t = -3.956
critical = -2.189

Significant decreasing trend.

Normality test on residuals:
Shapiro Wilk @alpha
= 0.01, calculated
= 0.9713 after natural
log transformation,
critical = 0.881.

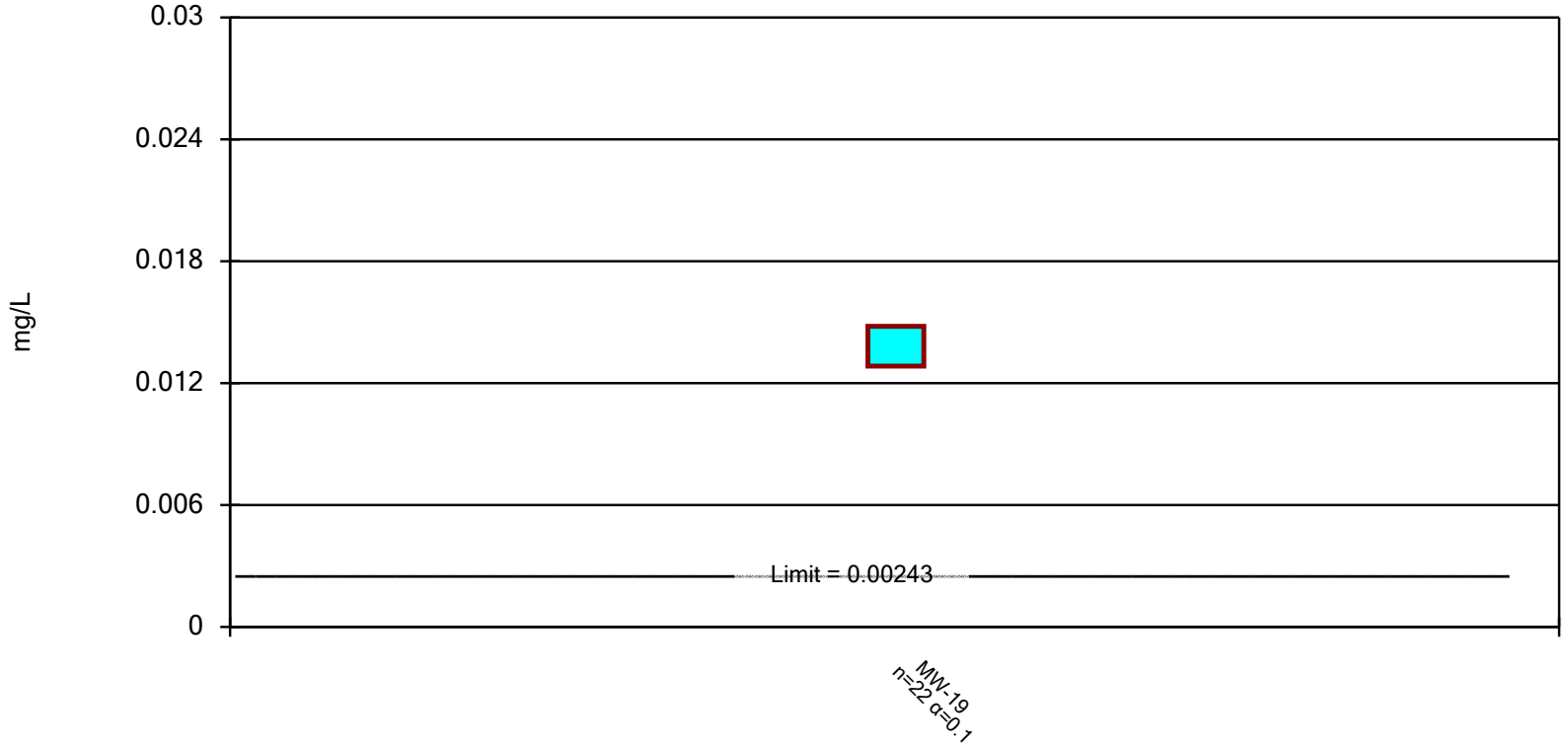
GWPS (Background in Alluvium &
Indian Creek Floodplain) =
0.00631.

Constituent: Cobalt Analysis Run 10/24/2025 1:54 PM

Linn County SWAL Client: Foth Data: Site 2 - Fall 2025 Statistical Evaluation

Parametric Confidence Interval, Corrective Action Mode

Compliance limit is exceeded. Normality Test: Shapiro Wilk, alpha based on n.

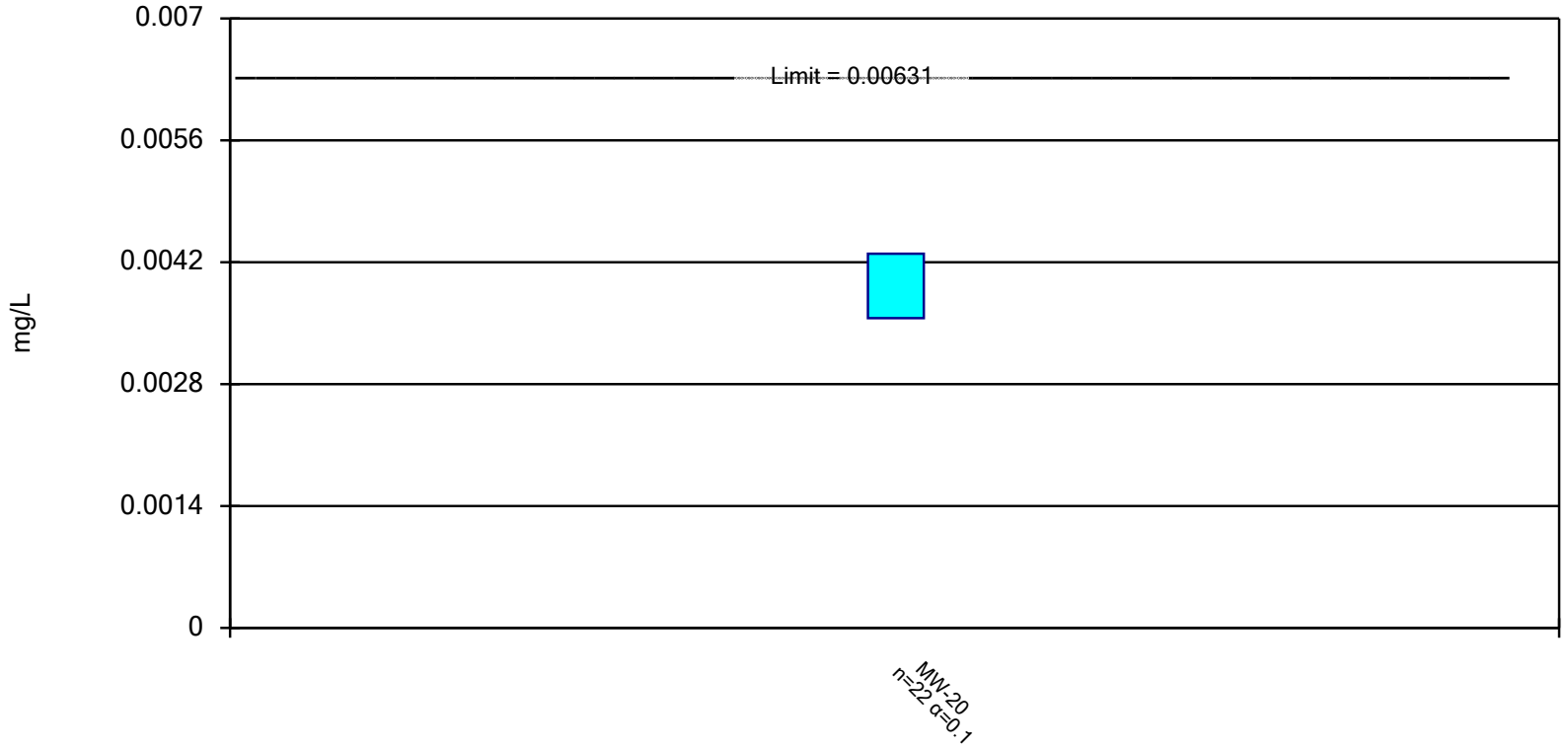


Constituent: Cobalt Analysis Run 10/24/2025 2:02 PM

Linn County SWAL Client: Foth Data: Site 2 - Fall 2025 Statistical Evaluation

Parametric Confidence Interval, Corrective Action Mode

Compliance Limit is not exceeded. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Cobalt Analysis Run 10/24/2025 2:03 PM

Linn County SWAL Client: Foth Data: Site 2 - Fall 2025 Statistical Evaluation

MW-301 Cobalt Regression Analysis

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.634333211
R Square	0.402378622
Adjusted R Square	0.372497553
Standard Error	0.002050908
Observations	22

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	5.6641E-05	5.664E-05	13.466005	0.00152113
Residual	20	8.41245E-05	4.206E-06		
Total	21	0.000140766			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	0.067883958	0.016709859	4.0625093	0.0006078	0.0330278	0.1027401	0.0330278	0.102740113
X Variable 1	-1.39247E-06	3.79461E-07	-3.669606	0.0015211	-2.184E-06	-6.01E-07	-2.184E-06	-6.00931E-07

X	Y	Predicted	Upper 95% CL	Lower 95% CL	Upper 95% PL	Lower 95% PL
4/23/2015	0.0135	0.00924	0.01069	0.00778	0.01306	0.00541
10/13/2015	0.00924	0.00900	0.01036	0.00764	0.01279	0.00521
4/9/2016	0.0106	0.00875	0.01001	0.00748	0.01250	0.00499
11/4/2016	0.00745	0.00846	0.00961	0.00730	0.01218	0.00473
3/20/2017	0.0093	0.00827	0.00936	0.00717	0.01197	0.00456
10/4/2017	0.0076	0.00799	0.00899	0.00699	0.01167	0.00431
4/20/2018	0.00465	0.00772	0.00864	0.00679	0.01137	0.00406
10/31/2018	0.00308	0.00745	0.00830	0.00659	0.01108	0.00381
3/22/2019	0.00766	0.00725	0.00806	0.00643	0.01088	0.00362
10/30/2019	0.00546	0.00694	0.00771	0.00617	0.01056	0.00332
3/21/2020	0.007	0.00674	0.00750	0.00598	0.01036	0.00312
9/30/2020	0.0064	0.00647	0.00723	0.00571	0.01009	0.00285
3/31/2021	0.0048	0.00622	0.00699	0.00544	0.00984	0.00260
10/19/2021	0.0091	0.00594	0.00675	0.00512	0.00957	0.00231
4/26/2022	0.0045	0.00567	0.00654	0.00480	0.00931	0.00203
10/12/2022	0.00498	0.00544	0.00636	0.00451	0.00909	0.00178
4/19/2023	0.00273	0.00517	0.00618	0.00417	0.00885	0.00150
10/19/2023	0.00517	0.00492	0.00601	0.00383	0.00862	0.00122
4/18/2024	0.00424	0.00467	0.00584	0.00349	0.00839	0.00094
9/17/2024	0.0059	0.00445	0.00571	0.00320	0.00821	0.00070
3/18/2025	0.00494	0.00420	0.00555	0.00285	0.00799	0.00041
8/27/2025	0.0066	0.00398	0.00542	0.00253	0.00779	0.00016

GWPS (Background) = 0.00243 mg/L

Projected Year to Attain Compliance with the GWPS (Assuming Future First Order Attenuation Instead of Linear Decay)

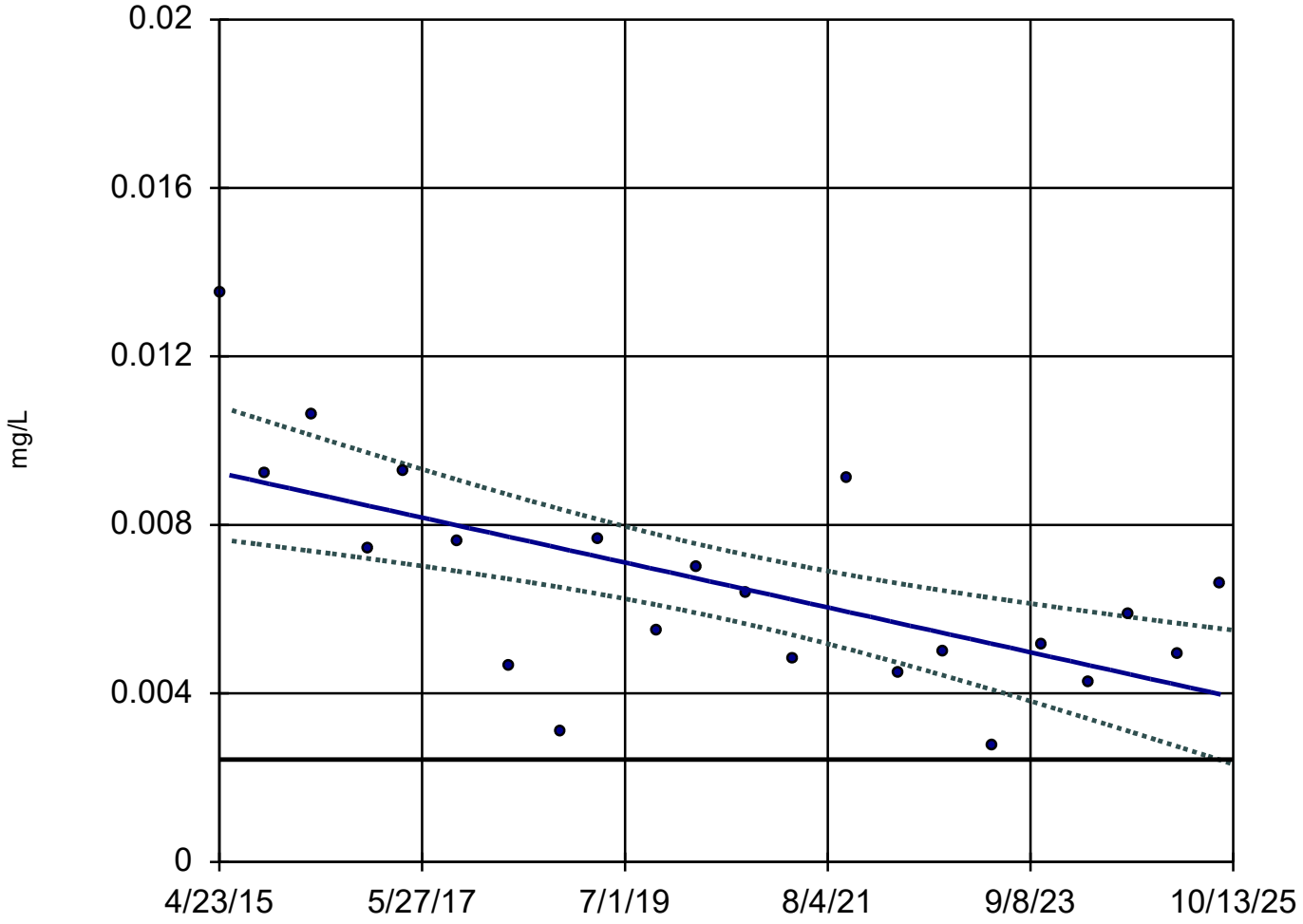
10/28/2033 -6.020 0.00243

Projected Year to Completion

10/27/2036

Linear Regression and 90% Confidence Band

MW-301



n = 22

Slope = -0.0005086 units/year.

alpha = 0.02
t = -3.668
critical = -2.197

Significant decreasing trend.

Normality test on residuals:
Shapiro Wilk @alpha
= 0.01, calculated
= 0.9866, critical
= 0.878.

GWPS = 0.00243 mg/L.

Constituent: Cobalt Analysis Run 10/24/2025 3:23 PM

Linn County SWAL Client: Foth Data: Site 2 - Fall 2025 Statistical Evaluation

Sample Values and Corresponding 1st-Order Regression Calculations for Date to Completion

Date	MW-19 Cobalt mg/L
2015/04	0.00936
2015/10	0.00931
2016/04	0.0147
2016/11	0.00948
2017/03	0.0133
2017/10	0.0156
2018/04	0.0198
2018/11	0.0172
2019/03	0.0152
2019/10	0.0124
2020/03	0.0145
2020/09	0.0154
2021/03	0.0149
2021/10	0.0129
2022/04	0.00707
2022/10	0.015
2023/04	0.0156
2023/10	0.019
2024/04	0.00852
2024/09	0.0154
2025/03	0.011
2025/08	0.0183
Aug. 2025 Sample	0.0183
GWPS	0.00243
Regression Sample Size	22
Regression Slope	3.67914E-05
Regression y-Intercept	-5.935820949
Regression *p* -level	0.487
Estimated Date to Attain GWPS	No Attenuation
Projected Year to Completion	No Attenuation

Attachment 6

Effective Power and Site-Wide False Positive Rate Discussion

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, the parametric and non-parametric intrawell prediction limits and the non-parametric interwell prediction limits have good power.

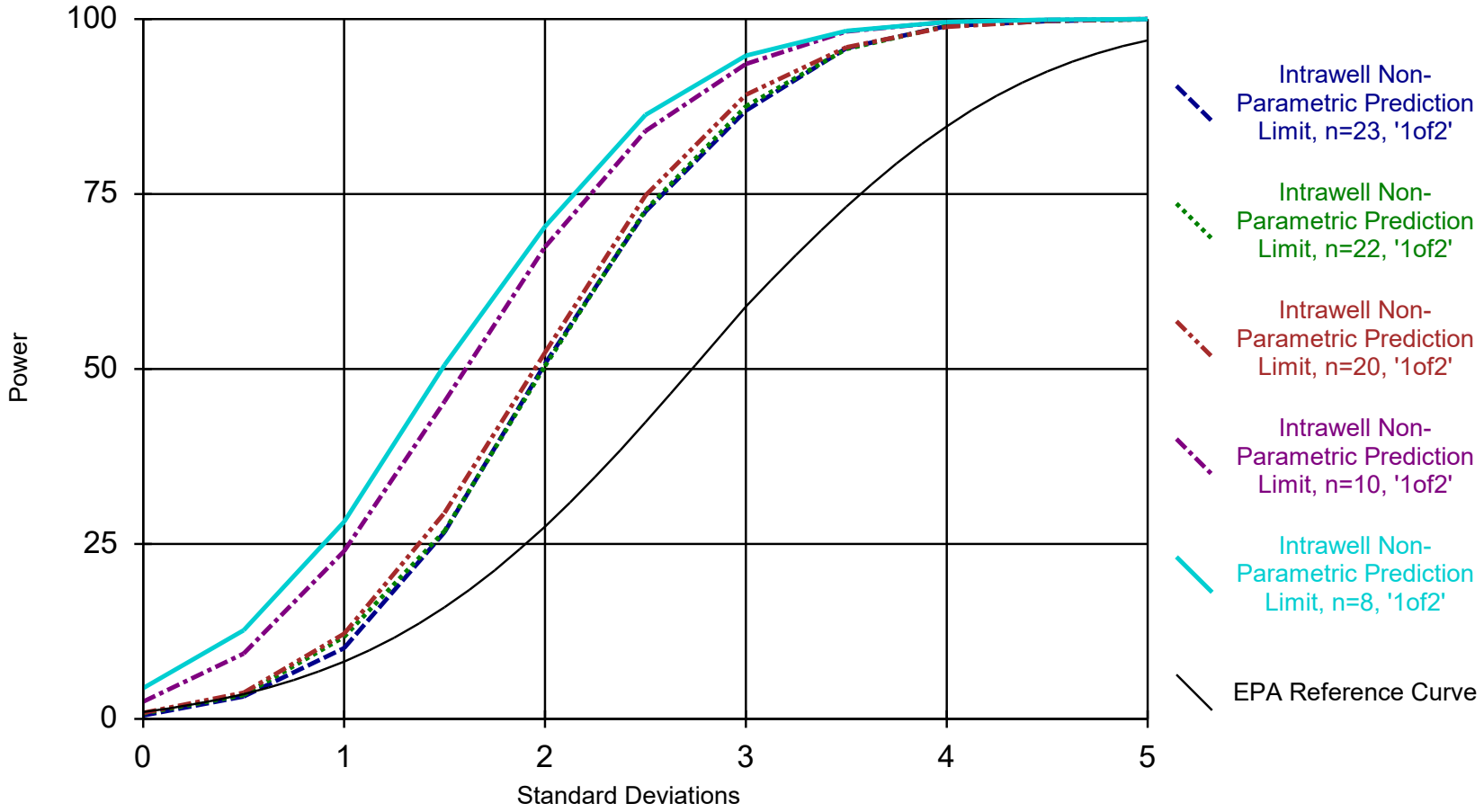
The Unified Guidance "strongly encourages use of a comprehensive design strategy to account for both the cumulative SWFPR and effective power to identify real exceedances." The Unified Guidance recommends and uses an annual SWFPR target of 10%. The current annual SWFPR based on the 1-of-2 prediction 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 18 compliance locations semiannually, with a total of 254 single tests annually.

The Sanitas prediction limit report output of Attachments 2 and 3 include annual individual test α-levels for each well/constituent pair. The α-levels reported by Sanitas account for the 1-of-2 plan, as well as two semiannual events conducted at the site.

The cumulative annual SWFPR can be approximated directly from the α-levels reported in the Sanitas output as SWFPR $= 1 - \prod_{i=1}^{127}(1-\alpha_i)^2 = 0.411 \approx 41\%$. The current annual SWFPR is higher than the Unified Guidance target 10% false positive rate due to smaller background sizes for intrawell prediction limits and the relatively large number of downgradient comparisons with nonparametric prediction limits. A combined background (intrawell and interwell background) sample size of approximately 40-50 would need to be reached before the SWFPR approaches the 10% target.

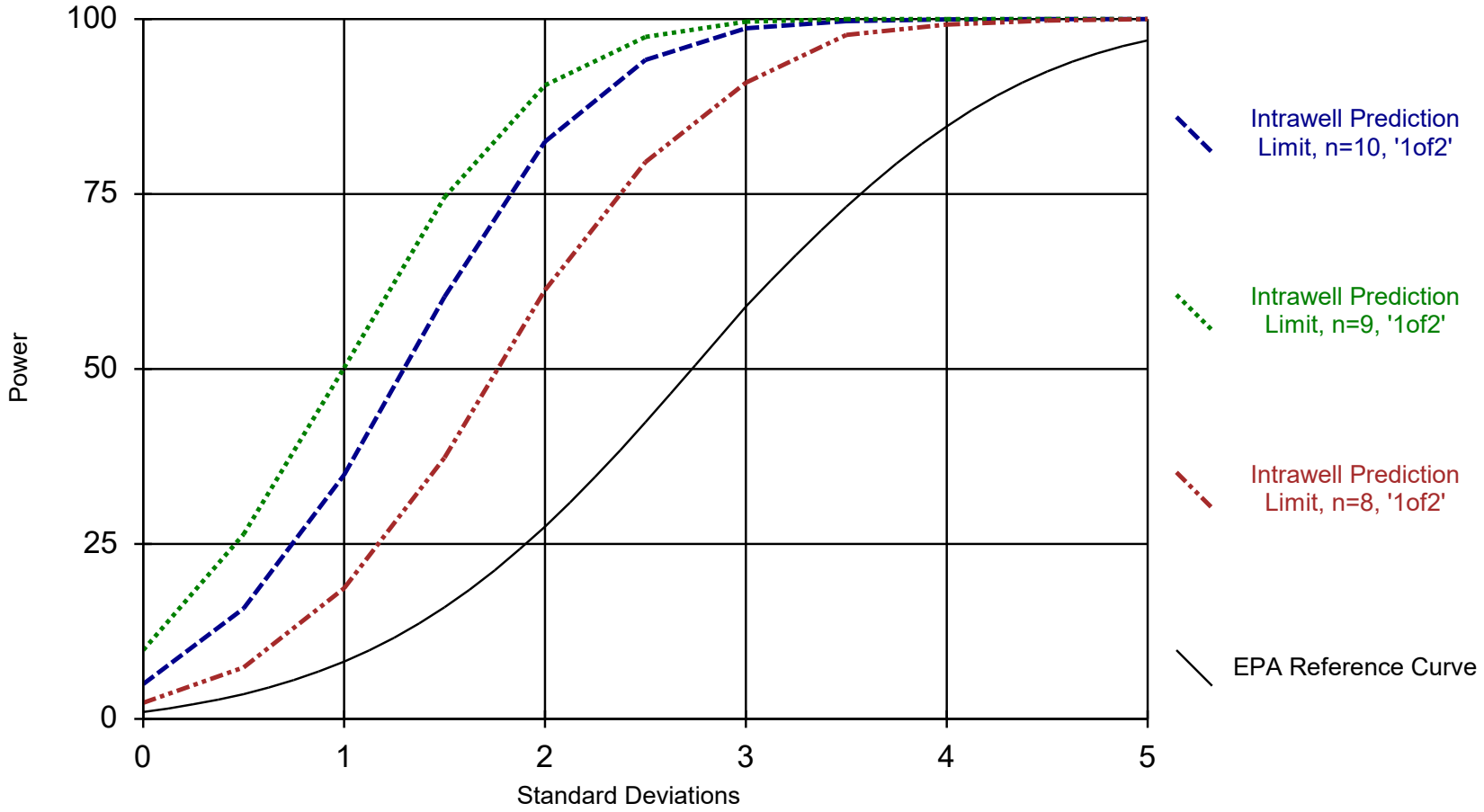
Power Curves - Intrawell Non-Parametric



Analysis Run 11/17/2025 3:31 PM

Linn County SWAL Client: Foth Data: Site 2 - Fall 2025 Statistical Evaluation

Power Curves - Intrawell Parametric



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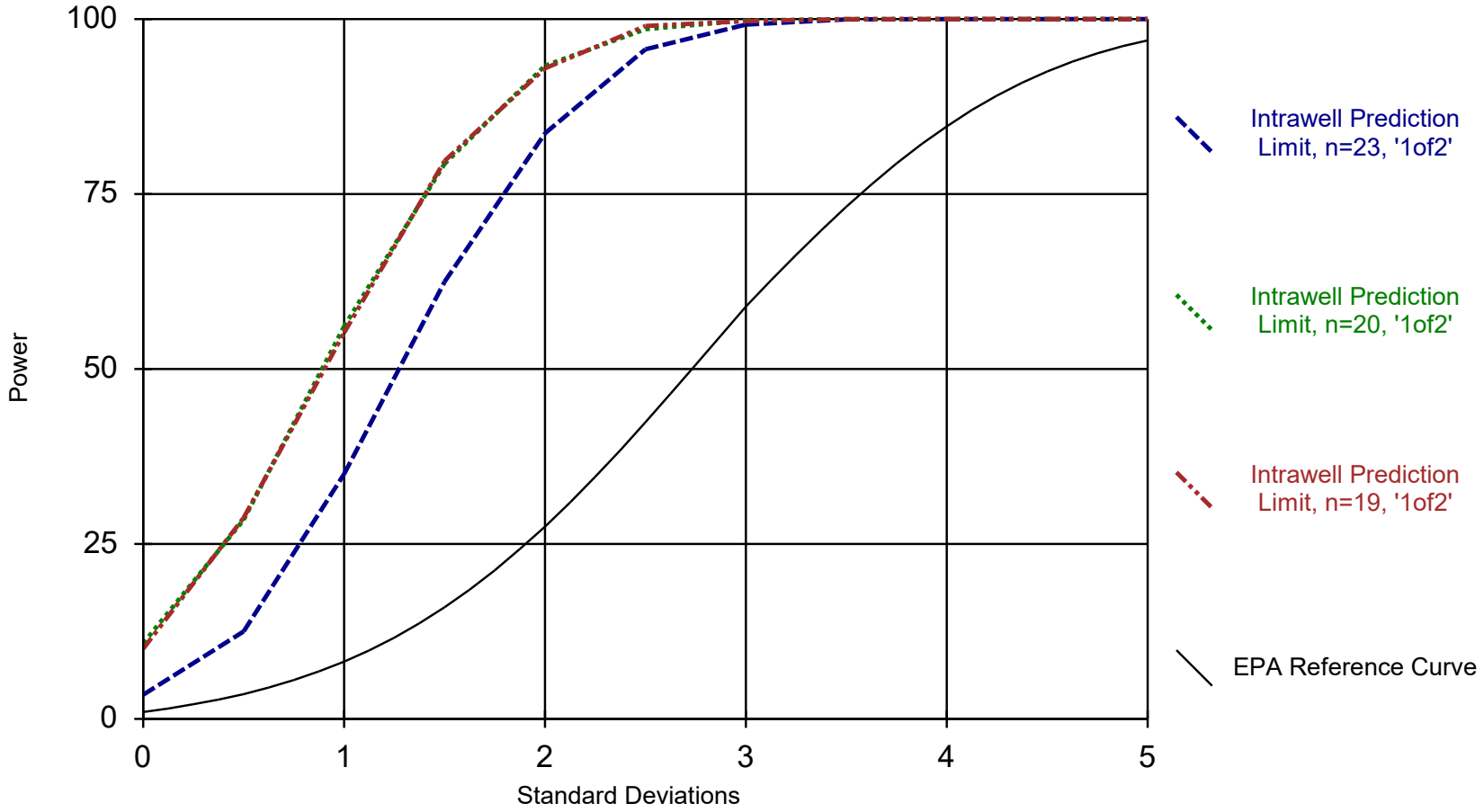
Linn County SWAL Client: Foth Data: Site 2 - Fall 2025 Statistical Evaluation

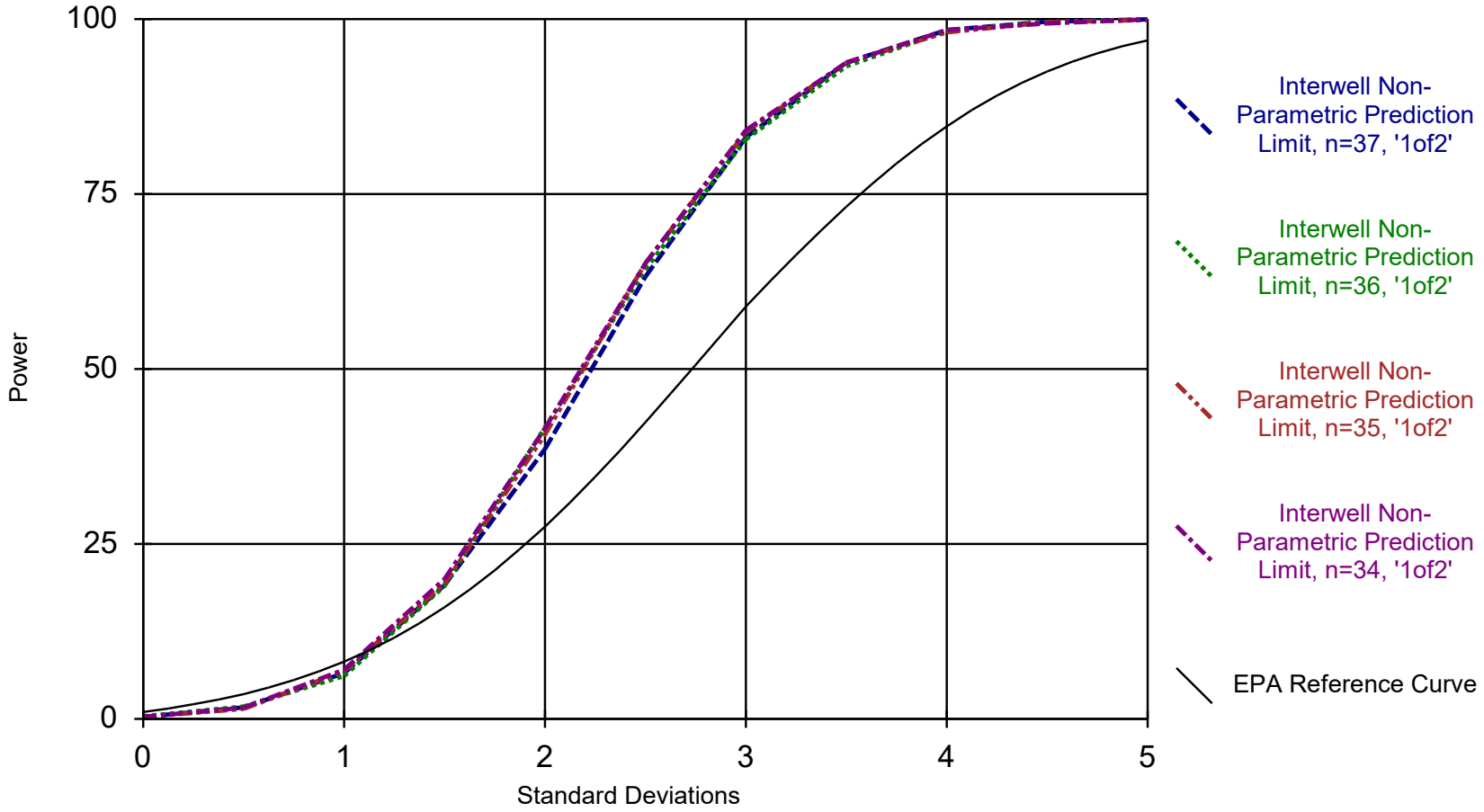
Power Curve



Analysis Run 11/17/2025 3:35 PM

Linn County SWAL Client: Foth Data: Site 2 - Fall 2025 Statistical Evaluation

Power Curves - Interwell Non-Parametric



Analysis Run 11/17/2025 3:37 PM

Linn County SWAL Client: Foth Data: Site 2 - Fall 2025 Statistical Evaluation

Attachment 7

References

References

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HDR, 2020. *2020 Spring Statistical Report, Cedar Rapids/Linn County Solid Waste Agency Site 2, Permit No. 57-SDP-01-72P.* June 9. [Doc. No. 97891].

HDR, 2021. *2021 Landfill Permit Renewal Application, Cedar Rapids Linn County Solid Waste Agency Site 2, Permit No. 57-SDP-01-72P, Appendix J: Hydrologic Monitoring System Plan.* September. [Doc. No. 101219 and No. 102539].

HDR, 2022. *2022 Annual Water Quality Report, Cedar Rapids Linn County Solid Waste Agency - Site 2, Permit No. 57-SDP-01-72P, Marion, Iowa.* January 19. [Doc. No. 105539].

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HDR, 2024a. *Alternative Source Demonstration: Spring 2024, Cedar Rapids/Linn County Solid Waste Agency Site 2, Permit No. 57-SDP-01-72P.* August 2. [Doc. No. 110634].

HDR, 2024b. *2024 Spring Statistical Report, Cedar Rapids/Linn County Solid Waste Agency Site 2, Permit No. 57-SDP-01-72P*. August 2. [Doc. No. 110633].

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Iowa Department of Natural Resources (Brian L. Rath, P.E.), Letter to Karmin McShane, 23 Dec 2024. "Cedar Rapids/Linn County Solid Waste Agency Sanitary Landfill (Site #2 – Marion), Permit No. 57-SDP-01-72P, 2023 Annual Water Quality Report (Document No. 108948), 2024 Spring Statistical Report (Document No. 110633), Alternative Source Demonstration: Spring 2024 (Document No. 110634)." [Doc. No. 111536].

United States Environmental Protection Agency (USEPA), 1997. *The Lognormal Distribution in Environmental Applications*. EPA/600/R97/006. Office of Solid Waste and Emergency Response, Washington, D.C.

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.

Appendix C
Leachate Collection System Data

Leachate Sample Analytical Results
Leachate Line Cleaning and Inspection Report

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 11/25/2025 11:04:40 AM

JOB DESCRIPTION

CRLCSWA 2 _ Leachate

JOB NUMBER

310-320380-1

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
11/25/2025 11:04:40 AM

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

Table of Contents

Job ID: 310-320380-1 Eurofins Cedar Falls

Job Narrative
310-320380-1

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 sample was received on 11/12/2025 4:30 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 4.6°C.

GC/MS VOA
Method 8260D: The continuing calibration verification (CCV) associated with batch 310-473627 recovered above the upper control limit for Bromomethane (56%D). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCV 310-473627/4).

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: The continuing calibration verification (CCV) associated with batch 310-473905 recovered above the upper control limit for 2-Nitrophenol(23%D). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCV 310-473905/3).

Method 8270E: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 310-473723 and analytical batch 310-473905 recovered outside control limits for the following analytes: Pyridine.

Method 8270E: The laboratory control sample (LCS) for preparation batch 310-473723 and analytical batch 310-473905 recovered outside acceptance limits for Pyridine. There was insufficient sample and holding-time to perform a re-extraction or re-analysis; therefore, the data have been reported.

Method 8270E: The continuing calibration verification (CCV) associated with batch 310-474293 recovered above the upper control limit for Benzo(k)fluoranthene(25%D) and Hexachloropropene(22%D). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCV 310-474293/3).

Method 8270E: The continuing calibration verification (CCV) analyzed in batch 310-474293 was outside the method criteria for the following analyte(s): Bis(2-ethylhexyl) phthalate(-24%D) and p-Dimethylamino azobenzene(-23%D). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8270E: The laboratory control sample and/or the laboratory control sample duplicate (LCS/LCSD) for preparation batch 310-473723 and analytical batch 310-474293 recovered outside control limits for the following analyte(s): Methapyrilene and 1,4-phenylenediamine. Methapyrilene and 1,4-phenylenediamine have been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed.

Method 8270E: The laboratory control sample (LCS) for preparation batch 310-473723 and analytical batch 310-474293 recovered outside acceptance limits for Pyridine. There was insufficient sample and holding-time to perform a re-extraction or re-analysis; therefore, the data have been reported.

Method 8270E: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 310-473723 and analytical batch 310-474293 recovered outside control limits for the following analytes: 3,3'-Dimethylbenzidine, Methapyrilene, 4-Nitrophenol, Phenol, 1,4-phenylenediamine and Pyridine.

Job ID: 310-320380-1 (Continued) Eurofins Cedar Falls

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

Herbicides
Method 8151A: The continuing calibration verification (CCV) associated with batch 500-843799 recovered above the upper control limit for Silvex (2,4,5-TP). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCV 500-843799/20).

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

PCBs
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.

Metals
Method 6020B: The laboratory control sample (LCS) for preparation batch 310-473632 and analytical batch 310-474577 recovered outside control limits for the following analytes: Silver. These analytes were biased high in the LCS and were not detected in the associated samples; 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.

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: 310-320380-1
Project/Site: CRLCSWA 2 _ Leachate

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
310-320380-1	CRLCSWA2_Leachate_25_11	Wastewater	11/12/25 09:30	11/12/25 16:30	Iowa

Detection Summary

Client: Foth Infrastructure & Environment, LLC
Job ID: 310-320380-1
Project/Site: CRLCSWA 2 _ Leachate

Client Sample ID: CRLCSWA2_Leachate_25_11
Lab Sample ID: 310-320380-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	1.41		1.00	0.420	ug/L	1		8260D	Total/NA
1,4-Dichlorobenzene	2.01		1.00	0.490	ug/L	1		8260D	Total/NA
Acetone	23.9		10.0	3.80	ug/L	1		8260D	Total/NA
Benzene	0.923		0.500	0.220	ug/L	1		8260D	Total/NA
Chlorobenzene	1.52		1.00	0.350	ug/L	1		8260D	Total/NA
Ethylbenzene	1.86		1.00	0.420	ug/L	1		8260D	Total/NA
Isopropylbenzene	0.804	J	1.00	0.350	ug/L	1		8260D	Total/NA
Naphthalene	2.49	J	5.00	1.80	ug/L	1		8260D	Total/NA
p-Isopropyltoluene	0.948	J	1.00	0.330	ug/L	1		8260D	Total/NA
Toluene	0.743	J	1.00	0.430	ug/L	1		8260D	Total/NA
Xylenes, Total	7.97		3.00	1.10	ug/L	1		8260D	Total/NA
Arsenic	0.0123		0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.299		0.00200	0.000660	mg/L	1		6020B	Total/NA
Chromium	0.0226		0.00500	0.00180	mg/L	1		6020B	Total/NA
Copper	0.0133		0.00500	0.00320	mg/L	1		6020B	Total/NA
Iron	2.04		0.100	0.0500	mg/L	1		6020B	Total/NA
Magnesium	79.1		0.500	0.150	mg/L	1		6020B	Total/NA
Nickel	0.0399		0.00500	0.00230	mg/L	1		6020B	Total/NA
Potassium	137		2.00	0.680	mg/L	4		6020B	Total/NA
Total Volatile Solids	970		250	250	mg/L	1		2540E	Total/NA
Fixed Solids	1870		250	250	mg/L	1		2540E	Total/NA
Ammonia as N	216		50.0	12.0	mg/L	100		350.1	Total/NA
Total Kjeldahl Nitrogen	295	B	50.0	31.0	mg/L	10		351.2	Total/NA
Nitrate as N	0.252		0.100	0.0800	mg/L	1		353.2	Total/NA
Total Phosphorus as P	2.55		0.100	0.0680	mg/L	1		365.1	Total/NA
Phosphorus as PO4	7.82		0.310	0.210	mg/L	1		365.1	Total/NA
pH	7.66	HF	1.00	1.00	SU	1		9040C	Total/NA
Total Suspended Solids	22.7		5.00	3.50	mg/L	1		I-3765-85	Total/NA
Total Solids	2840		250	225	mg/L	1		SM 2540B	Total/NA
Total Dissolved Solids	1850		250	180	mg/L	1		SM 2540C	Total/NA
Chloride	517		20.0	14.0	mg/L	10		SM 4500 Cl- E	Total/NA
Carbonaceous Biochemical Oxygen Demand	38.4		3.00	3.00	mg/L	1		SM 5210B	Total/NA
Chemical Oxygen Demand	280		250	230	mg/L	50		SM 5220D	Total/NA
Orthophosphate as P	1.56		0.100	0.0300	mg/L	1		365.1	Dissolved

This Detection Summary does not include radiochemical test results.

Client: Foth Infrastructure & Environment, LLC
Job ID: 310-320380-1
Project/Site: CRLCSWA 2 _ Leachate

Client Sample ID: CRLCSWA2_Leachate_25_11
Lab Sample ID: 310-320380-1
Date Collected: 11/12/25 09:30
Matrix: Wastewater
Date Received: 11/12/25 16:30

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			11/15/25 09:33	1
1,1,1-Trichloroethane	<0.420		1.00	0.420	ug/L			11/15/25 09:33	1
1,1,2,2-Tetrachloroethane	<0.350		1.00	0.350	ug/L			11/15/25 09:33	1
1,1,2-Trichloroethane	<0.330		1.00	0.330	ug/L			11/15/25 09:33	1
1,1-Dichloroethane	<0.400		1.00	0.400	ug/L			11/15/25 09:33	1
1,1-Dichloroethene	<0.460		2.00	0.460	ug/L			11/15/25 09:33	1
1,1-Dichloropropene	<0.410		1.00	0.410	ug/L			11/15/25 09:33	1
1,2,3-Trichlorobenzene	<1.80		5.00	1.80	ug/L			11/15/25 09:33	1
1,2,3-Trichloropropane	<0.430		1.00	0.430	ug/L			11/15/25 09:33	1
1,2,4-Trichlorobenzene	<1.90		5.00	1.90	ug/L			11/15/25 09:33	1
1,2,4-Trimethylbenzene	**1.41**		1.00	0.420	ug/L			11/15/25 09:33	1
1,2-Dibromo-3-Chloropropane	<1.20		5.00	1.20	ug/L			11/15/25 09:33	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			11/15/25 09:33	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			11/15/25 09:33	1
1,2-Dichloroethane	<0.890		1.00	0.890	ug/L			11/15/25 09:33	1
1,2-Dichloropropane	<0.380		1.00	0.380	ug/L			11/15/25 09:33	1
1,3,5-Trimethylbenzene	<0.370		1.00	0.370	ug/L			11/15/25 09:33	1
1,3-Dichlorobenzene	<0.470		1.00	0.470	ug/L			11/15/25 09:33	1
1,3-Dichloropropane	<0.390		1.00	0.390	ug/L			11/15/25 09:33	1
1,4-Dichlorobenzene	**2.01**		1.00	0.490	ug/L			11/15/25 09:33	1
2,2-Dichloropropane	<0.690		4.00	0.690	ug/L			11/15/25 09:33	1
2-Butanone (MEK)	<3.40		10.0	3.40	ug/L			11/15/25 09:33	1
2-Chloroethyl vinyl ether	<0.800		2.00	0.800	ug/L			11/15/25 09:33	1
2-Chlorotoluene	<0.470		1.00	0.470	ug/L			11/15/25 09:33	1
4-Chlorotoluene	<0.290		1.00	0.290	ug/L			11/15/25 09:33	1
Acetone	**23.9**		10.0	3.80	ug/L			11/15/25 09:33	1
Benzene	**0.923**		0.500	0.220	ug/L			11/15/25 09:33	1
Bromobenzene	<0.490		1.00	0.490	ug/L			11/15/25 09:33	1
Bromochloromethane	<1.70		5.00	1.70	ug/L			11/15/25 09:33	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			11/15/25 09:33	1
Bromoform	<2.60		5.00	2.60	ug/L			11/15/25 09:33	1
Bromomethane	<1.10		4.00	1.10	ug/L			11/15/25 09:33	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			11/15/25 09:33	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			11/15/25 09:33	1
Chlorobenzene	**1.52**		1.00	0.350	ug/L			11/15/25 09:33	1
Chlorodibromomethane	<1.50		5.00	1.50	ug/L			11/15/25 09:33	1
Chloroethane	<0.900		4.00	0.900	ug/L			11/15/25 09:33	1
Chloroform	<1.30		3.00	1.30	ug/L			11/15/25 09:33	1
Chloromethane	<0.610		3.00	0.610	ug/L			11/15/25 09:33	1
cis-1,2-Dichloroethene	<0.550		1.00	0.550	ug/L			11/15/25 09:33	1
cis-1,3-Dichloropropene	<1.20		5.00	1.20	ug/L			11/15/25 09:33	1
Dibromomethane	<0.330		1.00	0.330	ug/L			11/15/25 09:33	1
Dichlorodifluoromethane	<0.850		3.00	0.850	ug/L			11/15/25 09:33	1
Ethylbenzene	**1.86**		1.00	0.420	ug/L			11/15/25 09:33	1
Hexachlorobutadiene	<1.40		5.00	1.40	ug/L			11/15/25 09:33	1
Hexane	<0.780		1.00	0.780	ug/L			11/15/25 09:33	1
Isopropylbenzene	**0.804**	**J**	1.00	0.350	ug/L			11/15/25 09:33	1
Methyl tert-butyl ether	<0.300		1.00	0.300	ug/L			11/15/25 09:33	1
Methylene Chloride	<1.70		5.00	1.70	ug/L			11/15/25 09:33	1

Client Sample ID: CRLCSWA2_Leachate_25_11
Lab Sample ID: 310-320380-1
Date Collected: 11/12/25 09:30
Matrix: Wastewater
Date Received: 11/12/25 16:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	**2.49**	**J**	5.00	1.80	ug/L			11/15/25 09:33	1
n-Butylbenzene	<0.440		1.00	0.440	ug/L			11/15/25 09:33	1
N-Propylbenzene	<0.390		1.00	0.390	ug/L			11/15/25 09:33	1
p-Isopropyltoluene	**0.948**	**J**	1.00	0.330	ug/L			11/15/25 09:33	1
sec-Butylbenzene	<0.440		1.00	0.440	ug/L			11/15/25 09:33	1
Styrene	<0.370		1.00	0.370	ug/L			11/15/25 09:33	1
tert-Butylbenzene	<0.380		1.00	0.380	ug/L			11/15/25 09:33	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			11/15/25 09:33	1
Toluene	**0.743**	**J**	1.00	0.430	ug/L			11/15/25 09:33	1
trans-1,2-Dichloroethene	<0.410		1.00	0.410	ug/L			11/15/25 09:33	1
trans-1,3-Dichloropropene	<2.30		5.00	2.30	ug/L			11/15/25 09:33	1
Trichloroethene	<0.350		1.00	0.350	ug/L			11/15/25 09:33	1
Trichlorofluoromethane	<0.470		4.00	0.470	ug/L			11/15/25 09:33	1
Vinyl chloride	<0.430		1.00	0.430	ug/L			11/15/25 09:33	1
Xylenes, Total	**7.97**		3.00	1.10	ug/L			11/15/25 09:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*100*		*76 - 130*		*11/15/25 09:33*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*		*11/15/25 09:33*	*1*
4-Bromofluorobenzene (Surr)	*107*		*80 - 120*		*11/15/25 09:33*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.667		10.4	0.667	ug/L		11/17/25 07:50	11/18/25 22:09	1
Acenaphthylene	<0.750		10.4	0.750	ug/L		11/17/25 07:50	11/18/25 22:09	1
Acetophenone	<0.719		10.4	0.719	ug/L		11/17/25 07:50	11/18/25 22:09	1
2-Acetylaminofluorene	<2.81		10.4	2.81	ug/L		11/17/25 07:50	11/20/25 23:38	1
4-Aminobiphenyl	<2.29		10.4	2.29	ug/L		11/17/25 07:50	11/20/25 23:38	1
Anthracene	<0.906		10.4	0.906	ug/L		11/17/25 07:50	11/18/25 22:09	1
Benzo[a]anthracene	<0.885		10.4	0.885	ug/L		11/17/25 07:50	11/18/25 22:09	1
Benzo[a]pyrene	<8.44		10.4	8.44	ug/L		11/17/25 07:50	11/18/25 22:09	1
Benzo[b]fluoranthene	<5.10		10.4	5.10	ug/L		11/17/25 07:50	11/18/25 22:09	1
Benzo[g,h,i]perylene	<6.56		10.4	6.56	ug/L		11/17/25 07:50	11/18/25 22:09	1
Benzoic acid	<17.7		104	17.7	ug/L		11/17/25 07:50	11/18/25 22:09	1
Benzo[k]fluoranthene	<2.29		10.4	2.29	ug/L		11/17/25 07:50	11/18/25 22:09	1
Benzyl alcohol	<1.35		10.4	1.35	ug/L		11/17/25 07:50	11/18/25 22:09	1
Bis(2-chloroethoxy)methane	<0.792		10.4	0.792	ug/L		11/17/25 07:50	11/18/25 22:09	1
Bis(2-chloroethyl)ether	<0.854		10.4	0.854	ug/L		11/17/25 07:50	11/18/25 22:09	1
bis (2-chloroisopropyl) ether	<0.563		10.4	0.563	ug/L		11/17/25 07:50	11/18/25 22:09	1
Bis(2-ethylhexyl) phthalate	<5.73		10.4	5.73	ug/L		11/17/25 07:50	11/18/25 22:09	1
4-Bromophenyl phenyl ether	<0.729		10.4	0.729	ug/L		11/17/25 07:50	11/18/25 22:09	1
Butyl benzyl phthalate	<5.63		10.4	5.63	ug/L		11/17/25 07:50	11/18/25 22:09	1
4-Chloroaniline	<0.646		10.4	0.646	ug/L		11/17/25 07:50	11/18/25 22:09	1
Chlorobenzilate	<3.75		10.4	3.75	ug/L		11/17/25 07:50	11/20/25 23:38	1
4-Chloro-3-methylphenol	<0.875		10.4	0.875	ug/L		11/17/25 07:50	11/18/25 22:09	1
2-Chloronaphthalene	<0.667		10.4	0.667	ug/L		11/17/25 07:50	11/18/25 22:09	1
2-Chlorophenol	<0.563		10.4	0.563	ug/L		11/17/25 07:50	11/18/25 22:09	1
4-Chlorophenyl phenyl ether	<0.719		10.4	0.719	ug/L		11/17/25 07:50	11/18/25 22:09	1
Chrysene	<0.906		10.4	0.906	ug/L		11/17/25 07:50	11/18/25 22:09	1
Diallate	<4.17		10.4	4.17	ug/L		11/17/25 07:50	11/20/25 23:38	1

Client: Foth Infrastructure & Environment, LLC
Job ID: 310-320380-1
Project/Site: CRLCSWA 2 _ Leachate

Client Sample ID: CRLCSWA2_Leachate_25_11
Lab Sample ID: 310-320380-1
Date Collected: 11/12/25 09:30
Matrix: Wastewater
Date Received: 11/12/25 16:30

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzo(a,h)anthracene	<4.06		10.4	4.06	ug/L		11/17/25 07:50	11/18/25 22:09	1
Dibenzofuran	<0.771		10.4	0.771	ug/L		11/17/25 07:50	11/18/25 22:09	1
3,3'-Dichlorobenzidine	<1.46		10.4	1.46	ug/L		11/17/25 07:50	11/18/25 22:09	1
2,4-Dichlorophenol	<0.885		10.4	0.885	ug/L		11/17/25 07:50	11/18/25 22:09	1
2,6-Dichlorophenol	<0.719		10.4	0.719	ug/L		11/17/25 07:50	11/18/25 22:09	1
Diethyl phthalate	<1.77		10.4	1.77	ug/L		11/17/25 07:50	11/18/25 22:09	1
Dimethoate	<3.75		10.4	3.75	ug/L		11/17/25 07:50	11/20/25 23:38	1
7,12-Dimethylbenz(a)anthracene	<1.98		10.4	1.98	ug/L		11/17/25 07:50	11/20/25 23:38	1
3,3'-Dimethylbenzidine	<1.56	*1	10.4	1.56	ug/L		11/17/25 07:50	11/20/25 23:38	1
2,4-Dimethylphenol	<0.604		10.4	0.604	ug/L		11/17/25 07:50	11/18/25 22:09	1
Dimethyl phthalate	<1.04		10.4	1.04	ug/L		11/17/25 07:50	11/18/25 22:09	1
Di-n-butyl phthalate	<5.83		10.4	5.83	ug/L		11/17/25 07:50	11/18/25 22:09	1
1,3-Dinitrobenzene	<3.33		10.4	3.33	ug/L		11/17/25 07:50	11/18/25 22:09	1
4,6-Dinitro-2-methylphenol	<7.19		10.4	7.19	ug/L		11/17/25 07:50	11/18/25 22:09	1
2,4-Dinitrophenol	<13.5		20.8	13.5	ug/L		11/17/25 07:50	11/18/25 22:09	1
2,4-Dinitrotoluene	<6.67		10.4	6.67	ug/L		11/17/25 07:50	11/18/25 22:09	1
2,6-Dinitrotoluene	<0.542		10.4	0.542	ug/L		11/17/25 07:50	11/18/25 22:09	1
Di-n-octyl phthalate	<7.29		20.8	7.29	ug/L		11/17/25 07:50	11/18/25 22:09	1
Dinoseb	<2.50		10.4	2.50	ug/L		11/17/25 07:50	11/20/25 23:38	1
Diphenylamine	<6.25		10.4	6.25	ug/L		11/17/25 07:50	11/18/25 22:09	1
Disulfoton	<2.50		10.4	2.50	ug/L		11/17/25 07:50	11/20/25 23:38	1
Ethyl methanesulfonate	<3.75		10.4	3.75	ug/L		11/17/25 07:50	11/20/25 23:38	1
Ethyl Parathion	<2.29		10.4	2.29	ug/L		11/17/25 07:50	11/20/25 23:38	1
Famphur	<3.96		10.4	3.96	ug/L		11/17/25 07:50	11/20/25 23:38	1
Fluoranthene	<1.77		10.4	1.77	ug/L		11/17/25 07:50	11/18/25 22:09	1
Fluorene	<0.823		10.4	0.823	ug/L		11/17/25 07:50	11/18/25 22:09	1
Hexachlorobenzene	<0.729		10.4	0.729	ug/L		11/17/25 07:50	11/18/25 22:09	1
Hexachlorobutadiene	<0.896		10.4	0.896	ug/L		11/17/25 07:50	11/18/25 22:09	1
Hexachlorocyclopentadiene	<5.31		10.4	5.31	ug/L		11/17/25 07:50	11/18/25 22:09	1
Hexachloroethane	<1.01		10.4	1.01	ug/L		11/17/25 07:50	11/18/25 22:09	1
Hexachloropropene	<2.71		10.4	2.71	ug/L		11/17/25 07:50	11/20/25 23:38	1
Indeno[1,2,3-cd]pyrene	<4.38		10.4	4.38	ug/L		11/17/25 07:50	11/18/25 22:09	1
Isodrin	<4.90		10.4	4.90	ug/L		11/17/25 07:50	11/20/25 23:38	1
Isophorone	<0.969		10.4	0.969	ug/L		11/17/25 07:50	11/18/25 22:09	1
Isosafrole	<2.40		10.4	2.40	ug/L		11/17/25 07:50	11/20/25 23:38	1
Kepone	<1.04		10.4	1.04	ug/L		11/17/25 07:50	11/20/25 23:38	1
Methapyrilene	<0.792	*- *1	10.4	0.792	ug/L		11/17/25 07:50	11/20/25 23:38	1
3-Methylcholanthrene	<0.333		10.4	0.333	ug/L		11/17/25 07:50	11/20/25 23:38	1
Methyl methanesulfonate	<3.44		10.4	3.44	ug/L		11/17/25 07:50	11/20/25 23:38	1
2-Methylnaphthalene	<0.615		10.4	0.615	ug/L		11/17/25 07:50	11/18/25 22:09	1
Methyl parathion	<2.40		10.4	2.40	ug/L		11/17/25 07:50	11/20/25 23:38	1
2-Methylphenol	<0.677		10.4	0.677	ug/L		11/17/25 07:50	11/18/25 22:09	1
Methylphenol, 3 & 4	<0.729		10.4	0.729	ug/L		11/17/25 07:50	11/18/25 22:09	1
1,4-Naphthoquinone	<3.75		10.4	3.75	ug/L		11/17/25 07:50	11/20/25 23:38	1
1-Naphthylamine	<2.60		10.4	2.60	ug/L		11/17/25 07:50	11/20/25 23:38	1
2-Naphthylamine	<2.19		10.4	2.19	ug/L		11/17/25 07:50	11/20/25 23:38	1
2-Nitroaniline	<6.15		10.4	6.15	ug/L		11/17/25 07:50	11/18/25 22:09	1
3-Nitroaniline	<2.81		10.4	2.81	ug/L		11/17/25 07:50	11/18/25 22:09	1
4-Nitroaniline	<1.35		10.4	1.35	ug/L		11/17/25 07:50	11/18/25 22:09	1

Client: Foth Infrastructure & Environment, LLC
Job ID: 310-320380-1
Project/Site: CRLCSWA 2 _ Leachate

Client Sample ID: CRLCSWA2_Leachate_25_11
Lab Sample ID: 310-320380-1
Date Collected: 11/12/25 09:30
Matrix: Wastewater
Date Received: 11/12/25 16:30

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrobenzene	<0.833		10.4	0.833	ug/L		11/17/25 07:50	11/18/25 22:09	1
5-Nitro-o-toluidine	<2.92		10.4	2.92	ug/L		11/17/25 07:50	11/20/25 23:38	1
2-Nitrophenol	<7.08		10.4	7.08	ug/L		11/17/25 07:50	11/18/25 22:09	1
4-Nitrophenol	<7.92		10.4	7.92	ug/L		11/17/25 07:50	11/18/25 22:09	1
N-Nitrosodiethylamine	<3.54		10.4	3.54	ug/L		11/17/25 07:50	11/20/25 23:38	1
N-Nitrosodimethylamine	<0.750		10.4	0.750	ug/L		11/17/25 07:50	11/18/25 22:09	1
N-Nitrosodi-n-butylamine	<4.06		10.4	4.06	ug/L		11/17/25 07:50	11/20/25 23:38	1
N-Nitrosodi-n-propylamine	<0.958		10.4	0.958	ug/L		11/17/25 07:50	11/18/25 22:09	1
N-Nitrosodiphenylamine	<0.781		10.4	0.781	ug/L		11/17/25 07:50	11/18/25 22:09	1
N-Nitrosomethylethylamine	<5.10		10.4	5.10	ug/L		11/17/25 07:50	11/20/25 23:38	1
N-Nitrosopiperidine	<2.81		10.4	2.81	ug/L		11/17/25 07:50	11/20/25 23:38	1
N-Nitrosopyrrolidine	<3.75		10.4	3.75	ug/L		11/17/25 07:50	11/20/25 23:38	1
o,o',o''-Triethylphosphorothioate	<3.33		10.4	3.33	ug/L		11/17/25 07:50	11/20/25 23:38	1
o-Toluidine	<3.02		10.4	3.02	ug/L		11/17/25 07:50	11/20/25 23:38	1
p-Dimethylamino azobenzene	<2.29		10.4	2.29	ug/L		11/17/25 07:50	11/20/25 23:38	1
Pentachlorobenzene	<2.92		10.4	2.92	ug/L		11/17/25 07:50	11/20/25 23:38	1
Pentachloronitrobenzene	<6.04		10.4	6.04	ug/L		11/17/25 07:50	11/20/25 23:38	1
Pentachlorophenol	<10.0		10.4	10.0	ug/L		11/17/25 07:50	11/18/25 22:09	1
Phenacetin	<1.98		10.4	1.98	ug/L		11/17/25 07:50	11/20/25 23:38	1
Phenanthrene	<0.823		10.4	0.823	ug/L		11/17/25 07:50	11/18/25 22:09	1
Phenol	<1.15		10.4	1.15	ug/L		11/17/25 07:50	11/18/25 22:09	1
1,4-phenylenediamine	<1.98	*-	10.4	1.98	ug/L		11/17/25 07:50	11/20/25 23:38	1
Phorate	<3.33		10.4	3.33	ug/L		11/17/25 07:50	11/20/25 23:38	1
Pronamide	<2.81		10.4	2.81	ug/L		11/17/25 07:50	11/20/25 23:38	1
Pyrene	<0.823		10.4	0.823	ug/L		11/17/25 07:50	11/18/25 22:09	1
Pyridine	<1.67	*- *1	10.4	1.67	ug/L		11/17/25 07:50	11/18/25 22:09	1
Safrole	<2.92		10.4	2.92	ug/L		11/17/25 07:50	11/20/25 23:38	1
1,2,4,5-Tetrachlorobenzene	<0.563		10.4	0.563	ug/L		11/17/25 07:50	11/18/25 22:09	1
2,3,4,6-Tetrachlorophenol	<5.52		10.4	5.52	ug/L		11/17/25 07:50	11/18/25 22:09	1
Thionazin	<3.65		10.4	3.65	ug/L		11/17/25 07:50	11/20/25 23:38	1
2,4,5-Trichlorophenol	<5.52		10.4	5.52	ug/L		11/17/25 07:50	11/18/25 22:09	1
2,4,6-Trichlorophenol	<5.21		10.4	5.21	ug/L		11/17/25 07:50	11/18/25 22:09	1
1,3,5-Trinitrobenzene	<2.40		10.4	2.40	ug/L		11/17/25 07:50	11/20/25 23:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*66*		*33 - 126*	*11/17/25 07:50*	*11/18/25 22:09*	*1*
2-Fluorophenol (Surr)	*56*		*21 - 110*	*11/17/25 07:50*	*11/18/25 22:09*	*1*
Nitrobenzene-d5 (Surr)	*73*		*39 - 140*	*11/17/25 07:50*	*11/18/25 22:09*	*1*
Phenol-d5 (Surr)	*48*		*21 - 110*	*11/17/25 07:50*	*11/18/25 22:09*	*1*
Terphenyl-d14 (Surr)	*54*		*13 - 150*	*11/17/25 07:50*	*11/18/25 22:09*	*1*
2,4,6-Tribromophenol (Surr)	*81*		*20 - 144*	*11/17/25 07:50*	*11/18/25 22:09*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	<0.0210		0.0954	0.0210	ug/L		11/17/25 12:51	11/21/25 16:33	1
alpha-BHC	<0.00954		0.0954	0.00954	ug/L		11/17/25 12:51	11/21/25 16:33	1
beta-BHC	<0.0401		0.0954	0.0401	ug/L		11/17/25 12:51	11/21/25 16:33	1
gamma-BHC (Lindane)	<0.00954		0.0954	0.00954	ug/L		11/17/25 12:51	11/21/25 16:33	1
Chlordane (technical)	<0.372		1.91	0.372	ug/L		11/17/25 12:51	11/21/25 16:33	1
delta-BHC	<0.0305		0.0954	0.0305	ug/L		11/17/25 12:51	11/21/25 16:33	1

Client Sample ID: CRLCSWA2_Leachate_25_11
Lab Sample ID: 310-320380-1
Date Collected: 11/12/25 09:30
Matrix: Wastewater
Date Received: 11/12/25 16:30

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dieldrin	<0.0200		0.0954	0.0200	ug/L		11/17/25 12:51	11/21/25 16:33	1
4,4'-DDD	<0.0238		0.0954	0.0238	ug/L		11/17/25 12:51	11/21/25 16:33	1
4,4'-DDE	<0.0286		0.0954	0.0286	ug/L		11/17/25 12:51	11/21/25 16:33	1
4,4'-DDT	<0.0191		0.0954	0.0191	ug/L		11/17/25 12:51	11/21/25 16:33	1
Endosulfan I	<0.0267		0.0954	0.0267	ug/L		11/17/25 12:51	11/21/25 16:33	1
Endosulfan II	<0.0248		0.0954	0.0248	ug/L		11/17/25 12:51	11/21/25 16:33	1
Endosulfan sulfate	<0.0172		0.0954	0.0172	ug/L		11/17/25 12:51	11/21/25 16:33	1
Endrin	<0.0267		0.0954	0.0267	ug/L		11/17/25 12:51	11/21/25 16:33	1
Endrin aldehyde	<0.0257		0.0954	0.0257	ug/L		11/17/25 12:51	11/21/25 16:33	1
Heptachlor	<0.0219		0.0954	0.0219	ug/L		11/17/25 12:51	11/21/25 16:33	1
Heptachlor epoxide	<0.0305		0.0954	0.0305	ug/L		11/17/25 12:51	11/21/25 16:33	1
Methoxychlor	<0.0305		0.0954	0.0305	ug/L		11/17/25 12:51	11/21/25 16:33	1
Toxaphene	<0.954		1.91	0.954	ug/L		11/17/25 12:51	11/21/25 16:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*48*		*10 - 150*	*11/17/25 12:51*	*11/21/25 16:33*	*1*
Tetrachloro-m-xylene (Surr)	*91*		*17 - 150*	*11/17/25 12:51*	*11/21/25 16:33*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.782		1.91	0.782	ug/L		11/17/25 12:51	11/21/25 16:33	1
PCB-1221	<0.782		1.91	0.782	ug/L		11/17/25 12:51	11/21/25 16:33	1
PCB-1232	<0.782		1.91	0.782	ug/L		11/17/25 12:51	11/21/25 16:33	1
PCB-1242	<0.782		1.91	0.782	ug/L		11/17/25 12:51	11/21/25 16:33	1
PCB-1248	<0.658		1.91	0.658	ug/L		11/17/25 12:51	11/21/25 16:33	1
PCB-1254	<0.658		1.91	0.658	ug/L		11/17/25 12:51	11/21/25 16:33	1
PCB-1260	<0.658		1.91	0.658	ug/L		11/17/25 12:51	11/21/25 16:33	1
PCB-1268	<0.658		1.91	0.658	ug/L		11/17/25 12:51	11/21/25 16:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*44*		*10 - 150*	*11/17/25 12:51*	*11/21/25 16:33*	*1*
Tetrachloro-m-xylene (Surr)	*83*		*17 - 150*	*11/17/25 12:51*	*11/21/25 16:33*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	<0.126		1.00	0.126	ug/L		11/18/25 07:09	11/18/25 20:56	1
Silvex (2,4,5-TP)	<0.105		1.00	0.105	ug/L		11/18/25 07:09	11/18/25 20:56	1
2,4,5-T	<0.140		1.00	0.140	ug/L		11/18/25 07:09	11/18/25 20:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCAA	*124*		*25 - 130*	*11/18/25 07:09*	*11/18/25 20:56*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0123**		0.00200	0.000530	mg/L		11/17/25 08:30	11/24/25 02:31	1
Barium	**0.299**		0.00200	0.000660	mg/L		11/17/25 08:30	11/24/25 02:31	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		11/17/25 08:30	11/24/25 02:31	1
Chromium	**0.0226**		0.00500	0.00180	mg/L		11/17/25 08:30	11/24/25 02:31	1
Copper	**0.0133**		0.00500	0.00320	mg/L		11/17/25 08:30	11/24/25 02:31	1
Iron	**2.04**		0.100	0.0500	mg/L		11/17/25 08:30	11/24/25 16:02	1
Lead	<0.000330		0.000500	0.000330	mg/L		11/17/25 08:30	11/24/25 02:31	1

Client: Foth Infrastructure & Environment, LLC
Job ID: 310-320380-1
Project/Site: CRLCSWA 2 _ Leachate

Client Sample ID: CRLCSWA2_Leachate_25_11

Lab Sample ID: 310-320380-1

Date Collected: 11/12/25 09:30

Matrix: Wastewater

Date Received: 11/12/25 16:30

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Magnesium	**79.1**		0.500	0.150	mg/L		11/17/25 08:30	11/24/25 16:02	1
Nickel	**0.0399**		0.00500	0.00230	mg/L		11/17/25 08:30	11/24/25 02:31	1
Potassium	**137**		2.00	0.680	mg/L		11/17/25 08:30	11/24/25 16:05	4
Selenium	<0.00140		0.00500	0.00140	mg/L		11/17/25 08:30	11/24/25 02:31	1
Silver	<0.000500	*+	0.00100	0.000500	mg/L		11/17/25 08:30	11/24/25 02:31	1
Zinc	<0.0130		0.0200	0.0130	mg/L		11/17/25 08:30	11/24/25 16:02	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000110		0.000200	0.000110	mg/L		11/20/25 13:30	11/21/25 09:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia as N (EPA 350.1)	**216**		50.0	12.0	mg/L			11/19/25 13:39	100
Total Kjeldahl Nitrogen (EPA 351.2)	**295**	**B**	50.0	31.0	mg/L		11/14/25 05:02	11/14/25 14:44	10
Nitrate as N (EPA 353.2)	**0.252**		0.100	0.0800	mg/L			11/12/25 18:29	1
Total Phosphorus as P (EPA 365.1)	**2.55**		0.100	0.0680	mg/L		11/18/25 18:52	11/19/25 20:56	1
Phosphorus as PO4 (EPA 365.1)	**7.82**		0.310	0.210	mg/L		11/18/25 18:52	11/19/25 20:56	1
Cyanide, Total (SW846 9012B)	<0.00350		0.0100	0.00350	mg/L		11/20/25 08:45	11/21/25 23:56	1
Total Suspended Solids (USGS I-3765-85)	**22.7**		5.00	3.50	mg/L			11/13/25 10:53	1
Total Solids (SM 2540B)	**2840**		250	225	mg/L			11/13/25 10:03	1
Total Dissolved Solids (SM 2540C)	**1850**		250	180	mg/L			11/18/25 10:07	1
Chloride (SM 4500 Cl- E)	**517**		20.0	14.0	mg/L			11/18/25 13:32	10
Carbonaceous Biochemical Oxygen Demand (SM 5210B)	**38.4**		3.00	3.00	mg/L			11/13/25 06:31	1
Chemical Oxygen Demand (SM 5220D)	**280**		250	230	mg/L			11/19/25 14:45	50

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Volatile Solids (SM 2540E)	**970**		250	250	mg/L			11/13/25 10:03	1
Fixed Solids (SM 2540E)	**1870**		250	250	mg/L			11/13/25 10:03	1
pH (SW846 9040C)	**7.66**	**HF**	1.00	1.00	SU			11/12/25 18:01	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Orthophosphate as P (EPA 365.1)	**1.56**		0.100	0.0300	mg/L			11/12/25 18:53	1
Chromium (VI) (SM 3500 CR B)	<0.00690		0.0200	0.00690	mg/L			11/12/25 17:37	1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
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
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*1	LCS/LCSD RPD exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
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.
F1	MS and/or MSD recovery exceeds control limits.
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
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.
B	Compound was found in the blank and sample.
E	Result exceeded calibration range.
F1	MS and/or MSD recovery exceeds control limits.
F3	Duplicate RPD exceeds the control limit
HF	Parameter with a holding time of 15 minutes. Test performed by laboratory at client's request. Sample was analyzed outside of hold time.
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

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
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: 310-320380-1
Project/Site: CRLCSWA 2 _ Leachate

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

Matrix: Wastewater — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		DBFM	TOL	BFB
Lab Sample ID	Client Sample ID	(76-130)	(80-120)	(80-120)
310-320380-1	CRLCSWA2_Leachate_25_11	100	105	107

Surrogate Legend

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

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)
310-320388-D-4 MS	Matrix Spike	99	105	100
310-320388-D-4 MSD	Matrix Spike Duplicate	101	104	101
LCS 310-473627/6	Lab Control Sample	100	103	102
LCS 310-473627/7	Lab Control Sample	101	102	109
MB 310-473627/5	Method Blank	102	103	108

Surrogate Legend

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

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Wastewater — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		FBP	2FP	NBZ	PHL	TPHL	TBP
Lab Sample ID	Client Sample ID	(33-126)	(21-110)	(39-140)	(21-110)	(13-150)	(20-144)
310-320380-1	CRLCSWA2_Leachate_25_11	66	56	73	48	54	81

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: 8270E - 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	(33-126)	(21-110)	(39-140)	(21-110)	(13-150)	(20-144)
LCS 310-473723/2-A	Lab Control Sample	84	72	88	58	77	100
LCSD 310-473723/3-A	Lab Control Sample Dup	86	87	90	80	77	96
MB 310-473723/1-A	Method Blank	82	72	89	60	77	91

Surrogate Legend

FBP = 2-Fluorobiphenyl (Surr)
2FP = 2-Fluorophenol (Surr)

Surrogate Summary

Client: Foth Infrastructure & Environment, LLC
Job ID: 310-320380-1
Project/Site: CRLCSWA 2 _ Leachate

NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHL = Terphenyl-d14 (Surr)
TBP = 2,4,6-Tribromophenol (Surr)

Method: 8081B - Organochlorine Pesticides (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)									
		DCB1	TCX1								
Lab Sample ID	Client Sample ID	(10-150)	(17-150)								
310-320380-1	CRLCSWA2_Leachate_25_11	48	91								

Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)
TCX = Tetrachloro-m-xylene (Surr)

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

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

		Percent Surrogate Recovery (Acceptance Limits)									
		DCB2	TCX2								
Lab Sample ID	Client Sample ID	(10-150)	(17-150)								
310-320380-1	CRLCSWA2_Leachate_25_11	44	83								
310-320380-1 MS	CRLCSWA2_Leachate_25_11	43	65								
310-320380-1 MSD	CRLCSWA2_Leachate_25_11	41	67								

Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)
TCX = Tetrachloro-m-xylene (Surr)

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

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

		Percent Surrogate Recovery (Acceptance Limits)									
		DCB2	TCX2								
Lab Sample ID	Client Sample ID	(10-150)	(17-150)								
LCS 310-473789/28-A	Lab Control Sample	45	80								

Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)
TCX = Tetrachloro-m-xylene (Surr)

Method: 8151A - Herbicides (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)									
		DCPAA1									
Lab Sample ID	Client Sample ID	(25-130)									
310-320380-1	CRLCSWA2_Leachate_25_11	124									

Surrogate Legend

DCPAA = DCAA

Surrogate Summary

Client: Foth Infrastructure & Environment, LLC
Job ID: 310-320380-1
Project/Site: CRLCSWA 2 _ Leachate

Method: 8151A - Herbicides (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)
		DCPAA1
Lab Sample ID	Client Sample ID	(25-130)
LB 500-843175/1-F	Method Blank	95
LCS 500-843597/2-A	Lab Control Sample	109
LCSD 500-843597/3-A	Lab Control Sample Dup	114
MB 500-843597/1-A	Method Blank	100

Surrogate Legend

DCPAA = DCAA

Method: 8151A - Herbicides (GC)

Matrix: Water **Prep Type: TCLP**

		Percent Surrogate Recovery (Acceptance Limits)
		DCPAA1
Lab Sample ID	Client Sample ID	(25-130)
310-320279-C-1-C MS	Matrix Spike	94

Surrogate Legend

DCPAA = DCAA

Client: Foth Infrastructure & Environment, LLC
Job ID: 310-320380-1
Project/Site: CRLCSWA 2 _ Leachate

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

Lab Sample ID: MB 310-473627/5
Matrix: Water
Analysis Batch: 473627

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			11/15/25 01:34	1
1,1,1-Trichloroethane	<0.420		1.00	0.420	ug/L			11/15/25 01:34	1
1,1,2,2-Tetrachloroethane	<0.350		1.00	0.350	ug/L			11/15/25 01:34	1
1,1,2-Trichloroethane	<0.330		1.00	0.330	ug/L			11/15/25 01:34	1
1,1-Dichloroethane	<0.400		1.00	0.400	ug/L			11/15/25 01:34	1
1,1-Dichloroethene	<0.460		2.00	0.460	ug/L			11/15/25 01:34	1
1,1-Dichloropropene	<0.410		1.00	0.410	ug/L			11/15/25 01:34	1
1,2,3-Trichlorobenzene	<1.80		5.00	1.80	ug/L			11/15/25 01:34	1
1,2,3-Trichloropropane	<0.430		1.00	0.430	ug/L			11/15/25 01:34	1
1,2,4-Trichlorobenzene	<1.90		5.00	1.90	ug/L			11/15/25 01:34	1
1,2,4-Trimethylbenzene	<0.420		1.00	0.420	ug/L			11/15/25 01:34	1
1,2-Dibromo-3-Chloropropane	<1.20		5.00	1.20	ug/L			11/15/25 01:34	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			11/15/25 01:34	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			11/15/25 01:34	1
1,2-Dichloroethane	<0.890		1.00	0.890	ug/L			11/15/25 01:34	1
1,2-Dichloropropane	<0.380		1.00	0.380	ug/L			11/15/25 01:34	1
1,3,5-Trimethylbenzene	<0.370		1.00	0.370	ug/L			11/15/25 01:34	1
1,3-Dichlorobenzene	<0.470		1.00	0.470	ug/L			11/15/25 01:34	1
1,3-Dichloropropane	<0.390		1.00	0.390	ug/L			11/15/25 01:34	1
1,4-Dichlorobenzene	<0.490		1.00	0.490	ug/L			11/15/25 01:34	1
2,2-Dichloropropane	<0.690		4.00	0.690	ug/L			11/15/25 01:34	1
2-Butanone (MEK)	<3.40		10.0	3.40	ug/L			11/15/25 01:34	1
2-Chloroethyl vinyl ether	<0.800		2.00	0.800	ug/L			11/15/25 01:34	1
2-Chlorotoluene	<0.470		1.00	0.470	ug/L			11/15/25 01:34	1
4-Chlorotoluene	<0.290		1.00	0.290	ug/L			11/15/25 01:34	1
Acetone	<3.80		10.0	3.80	ug/L			11/15/25 01:34	1
Benzene	<0.220		0.500	0.220	ug/L			11/15/25 01:34	1
Bromobenzene	<0.490		1.00	0.490	ug/L			11/15/25 01:34	1
Bromochloromethane	<1.70		5.00	1.70	ug/L			11/15/25 01:34	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			11/15/25 01:34	1
Bromoform	<2.60		5.00	2.60	ug/L			11/15/25 01:34	1
Bromomethane	<1.10		4.00	1.10	ug/L			11/15/25 01:34	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			11/15/25 01:34	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			11/15/25 01:34	1
Chlorobenzene	<0.350		1.00	0.350	ug/L			11/15/25 01:34	1
Chlorodibromomethane	<1.50		5.00	1.50	ug/L			11/15/25 01:34	1
Chloroethane	<0.900		4.00	0.900	ug/L			11/15/25 01:34	1
Chloroform	<1.30		3.00	1.30	ug/L			11/15/25 01:34	1
Chloromethane	<0.610		3.00	0.610	ug/L			11/15/25 01:34	1
cis-1,2-Dichloroethene	<0.550		1.00	0.550	ug/L			11/15/25 01:34	1
cis-1,3-Dichloropropene	<1.20		5.00	1.20	ug/L			11/15/25 01:34	1
Dibromomethane	<0.330		1.00	0.330	ug/L			11/15/25 01:34	1
Dichlorodifluoromethane	<0.850		3.00	0.850	ug/L			11/15/25 01:34	1
Ethylbenzene	<0.420		1.00	0.420	ug/L			11/15/25 01:34	1
Hexachlorobutadiene	<1.40		5.00	1.40	ug/L			11/15/25 01:34	1
Hexane	<0.780		1.00	0.780	ug/L			11/15/25 01:34	1
Isopropylbenzene	<0.350		1.00	0.350	ug/L			11/15/25 01:34	1
Methyl tert-butyl ether	<0.300		1.00	0.300	ug/L			11/15/25 01:34	1

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

Lab Sample ID: MB 310-473627/5
Matrix: Water
Analysis Batch: 473627

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	<1.70		5.00	1.70	ug/L			11/15/25 01:34	1
Naphthalene	<1.80		5.00	1.80	ug/L			11/15/25 01:34	1
n-Butylbenzene	<0.440		1.00	0.440	ug/L			11/15/25 01:34	1
N-Propylbenzene	<0.390		1.00	0.390	ug/L			11/15/25 01:34	1
p-Isopropyltoluene	<0.330		1.00	0.330	ug/L			11/15/25 01:34	1
sec-Butylbenzene	<0.440		1.00	0.440	ug/L			11/15/25 01:34	1
Styrene	<0.370		1.00	0.370	ug/L			11/15/25 01:34	1
tert-Butylbenzene	<0.380		1.00	0.380	ug/L			11/15/25 01:34	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			11/15/25 01:34	1
Toluene	<0.430		1.00	0.430	ug/L			11/15/25 01:34	1
trans-1,2-Dichloroethene	<0.410		1.00	0.410	ug/L			11/15/25 01:34	1
trans-1,3-Dichloropropene	<2.30		5.00	2.30	ug/L			11/15/25 01:34	1
Trichloroethene	<0.350		1.00	0.350	ug/L			11/15/25 01:34	1
Trichlorofluoromethane	<0.470		4.00	0.470	ug/L			11/15/25 01:34	1
Vinyl chloride	<0.430		1.00	0.430	ug/L			11/15/25 01:34	1
Xylenes, Total	<1.10		3.00	1.10	ug/L			11/15/25 01:34	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*102*		*76 - 130*		*11/15/25 01:34*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*11/15/25 01:34*	*1*
4-Bromofluorobenzene (Surr)	*108*		*80 - 120*		*11/15/25 01:34*	*1*

Lab Sample ID: LCS 310-473627/6
Matrix: Water
Analysis Batch: 473627

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	20.10		ug/L		101	70 - 121
1,1,1-Trichloroethane	20.0	18.76		ug/L		94	69 - 130
1,1,2,2-Tetrachloroethane	20.0	20.35		ug/L		102	70 - 122
1,1,2-Trichloroethane	20.0	19.41		ug/L		97	75 - 121
1,1-Dichloroethane	20.0	19.54		ug/L		98	69 - 127
1,1-Dichloroethene	20.0	21.40		ug/L		107	64 - 134
1,1-Dichloropropene	20.0	18.86		ug/L		94	70 - 133
1,2,3-Trichlorobenzene	20.0	21.73		ug/L		109	69 - 124
1,2,3-Trichloropropane	20.0	22.32		ug/L		112	70 - 122
1,2,4-Trichlorobenzene	20.0	21.78		ug/L		109	69 - 125
1,2,4-Trimethylbenzene	20.0	20.73		ug/L		104	71 - 125
1,2-Dibromo-3-Chloropropane	20.0	22.12		ug/L		111	62 - 132
1,2-Dibromoethane (EDB)	20.0	19.75		ug/L		99	74 - 122
1,2-Dichlorobenzene	20.0	21.41		ug/L		107	74 - 120
1,2-Dichloroethane	20.0	17.93		ug/L		90	68 - 125
1,2-Dichloropropane	20.0	18.01		ug/L		90	72 - 128
1,3,5-Trimethylbenzene	20.0	20.46		ug/L		102	72 - 124
1,3-Dichlorobenzene	20.0	21.68		ug/L		108	71 - 120
1,3-Dichloropropane	20.0	18.71		ug/L		94	72 - 125
1,4-Dichlorobenzene	20.0	21.54		ug/L		108	72 - 120
2,2-Dichloropropane	20.0	16.00		ug/L		80	51 - 146

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

Lab Sample ID: LCS 310-473627/6
Matrix: Water
Analysis Batch: 473627

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	38.77		ug/L		97	60 - 134
2-Chloroethyl vinyl ether	20.0	17.10		ug/L		85	50 - 150
2-Chlorotoluene	20.0	20.13		ug/L		101	73 - 121
4-Chlorotoluene	20.0	20.38		ug/L		102	72 - 121
Acetone	40.0	38.49		ug/L		96	59 - 136
Benzene	20.0	18.65		ug/L		93	71 - 125
Bromobenzene	20.0	21.25		ug/L		106	71 - 120
Bromochloromethane	20.0	19.43		ug/L		97	69 - 131
Bromodichloromethane	20.0	18.26		ug/L		91	70 - 122
Bromoform	20.0	19.22		ug/L		96	62 - 122
Carbon disulfide	20.0	20.40		ug/L		102	58 - 137
Carbon tetrachloride	20.0	19.13		ug/L		96	63 - 136
Chlorobenzene	20.0	20.29		ug/L		101	74 - 120
Chlorodibromomethane	20.0	19.72		ug/L		99	69 - 121
Chloroform	20.0	18.40		ug/L		92	72 - 122
cis-1,2-Dichloroethene	20.0	19.53		ug/L		98	72 - 123
cis-1,3-Dichloropropene	20.0	17.93		ug/L		90	72 - 123
Dibromomethane	20.0	19.18		ug/L		96	72 - 122
Ethylbenzene	20.0	20.79		ug/L		104	75 - 120
Hexachlorobutadiene	20.0	20.41		ug/L		102	67 - 127
Hexane	20.0	19.49		ug/L		97	49 - 150
Isopropylbenzene	20.0	20.34		ug/L		102	74 - 122
Methyl tert-butyl ether	20.0	17.46		ug/L		87	66 - 130
Methylene Chloride	20.0	20.13		ug/L		101	72 - 128
Naphthalene	20.0	21.05		ug/L		105	69 - 126
n-Butylbenzene	20.0	19.96		ug/L		100	70 - 130
N-Propylbenzene	20.0	20.37		ug/L		102	73 - 125
p-Isopropyltoluene	20.0	20.72		ug/L		104	72 - 127
sec-Butylbenzene	20.0	20.63		ug/L		103	72 - 127
Styrene	20.0	20.25		ug/L		101	74 - 122
tert-Butylbenzene	20.0	21.13		ug/L		106	72 - 125
Tetrachloroethene	20.0	21.93		ug/L		110	70 - 128
Toluene	20.0	20.24		ug/L		101	74 - 120
trans-1,2-Dichloroethene	20.0	20.14		ug/L		101	67 - 127
trans-1,3-Dichloropropene	20.0	16.74		ug/L		84	67 - 123
Trichloroethene	20.0	18.59		ug/L		93	70 - 128
Xylenes, Total	40.0	40.99		ug/L		102	74 - 121

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*100*		*76 - 130*
Toluene-d8 (Surr)	*103*		*80 - 120*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*

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

Lab Sample ID: LCS 310-473627/7
Matrix: Water
Analysis Batch: 473627

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	25.53		ug/L		128	33 - 138		
Chloroethane			20.0	18.20		ug/L		91	59 - 139		
Chloromethane			20.0	18.07		ug/L		90	52 - 146		
Dichlorodifluoromethane			20.0	18.91		ug/L		95	45 - 150		
Trichlorofluoromethane			20.0	18.44		ug/L		92	55 - 150		
Vinyl chloride			20.0	17.87		ug/L		89	60 - 142		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*101*		*76 - 130*
Toluene-d8 (Surr)	*102*		*80 - 120*
4-Bromofluorobenzene (Surr)	*109*		*80 - 120*

Lab Sample ID: 310-320388-D-4 MS
Matrix: Water
Analysis Batch: 473627

Client Sample ID: Matrix Spike
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		20.0	17.04		ug/L		85	55 - 121		
1,1,1-Trichloroethane	<0.420		20.0	15.74		ug/L		79	53 - 130		
1,1,2,2-Tetrachloroethane	<0.350		20.0	18.41		ug/L		92	55 - 123		
1,1,2-Trichloroethane	<0.330		20.0	17.08		ug/L		85	60 - 121		
1,1-Dichloroethane	<0.400		20.0	17.39		ug/L		87	53 - 127		
1,1-Dichloroethene	<0.460		20.0	18.33		ug/L		92	51 - 134		
1,1-Dichloropropene	<0.410		20.0	15.77		ug/L		79	55 - 133		
1,2,3-Trichlorobenzene	<1.80		20.0	19.14		ug/L		96	54 - 127		
1,2,3-Trichloropropane	<0.430		20.0	20.31		ug/L		102	56 - 122		
1,2,4-Trichlorobenzene	<1.90		20.0	18.44		ug/L		92	55 - 126		
1,2,4-Trimethylbenzene	<0.420		20.0	18.55		ug/L		93	51 - 125		
1,2-Dibromo-3-Chloropropane	<1.20		20.0	19.39		ug/L		97	44 - 138		
1,2-Dibromoethane (EDB)	<0.340		20.0	17.82		ug/L		89	60 - 122		
1,2-Dichlorobenzene	<0.370		20.0	19.07		ug/L		95	60 - 120		
1,2-Dichloroethane	<0.890		20.0	16.25		ug/L		81	48 - 128		
1,2-Dichloropropane	<0.380		20.0	16.14		ug/L		81	59 - 128		
1,3,5-Trimethylbenzene	<0.370		20.0	17.93		ug/L		90	53 - 124		
1,3-Dichlorobenzene	<0.470		20.0	19.05		ug/L		95	58 - 120		
1,3-Dichloropropane	<0.390		20.0	16.50		ug/L		83	58 - 125		
1,4-Dichlorobenzene	<0.490		20.0	19.00		ug/L		95	58 - 120		
2,2-Dichloropropane	<0.690		20.0	12.24		ug/L		61	34 - 146		
2-Butanone (MEK)	<3.40		40.0	35.00		ug/L		87	46 - 134		
2-Chloroethyl vinyl ether	<0.800	F1	20.0	<0.800	F1	ug/L		0	41 - 150		
2-Chlorotoluene	<0.470		20.0	17.85		ug/L		89	54 - 121		
4-Chlorotoluene	<0.290		20.0	17.86		ug/L		89	52 - 122		
Acetone	9.08	J	40.0	45.59		ug/L		91	39 - 141		
Benzene	<0.220		20.0	16.43		ug/L		82	48 - 125		
Bromobenzene	<0.490		20.0	19.10		ug/L		96	57 - 120		
Bromochloromethane	<1.70		20.0	17.42		ug/L		87	55 - 131		
Bromodichloromethane	<0.390		20.0	15.73		ug/L		79	53 - 122		
Bromoform	<2.60		20.0	15.55		ug/L		78	47 - 122		

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

Lab Sample ID: 310-320388-D-4 MS
Matrix: Water
Analysis Batch: 473627

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Carbon disulfide	<0.450		20.0	17.89		ug/L		89	45 - 137
Carbon tetrachloride	<0.650		20.0	15.54		ug/L		78	45 - 136
Chlorobenzene	<0.350		20.0	18.08		ug/L		90	59 - 120
Chlorodibromomethane	<1.50		20.0	16.55		ug/L		83	53 - 121
Chloroform	<1.30		20.0	16.45		ug/L		82	52 - 122
cis-1,2-Dichloroethene	<0.550		20.0	17.56		ug/L		88	51 - 123
cis-1,3-Dichloropropene	<1.20		20.0	15.13		ug/L		76	55 - 123
Dibromomethane	<0.330		20.0	17.19		ug/L		86	57 - 122
Ethylbenzene	<0.420		20.0	18.35		ug/L		92	53 - 120
Hexachlorobutadiene	<1.40		20.0	18.07		ug/L		90	36 - 127
Hexane	<0.780		20.0	15.76		ug/L		79	30 - 150
Isopropylbenzene	<0.350		20.0	17.67		ug/L		88	51 - 122
Methyl tert-butyl ether	<0.300		20.0	15.34		ug/L		77	50 - 130
Methylene Chloride	<1.70		20.0	18.82		ug/L		94	59 - 128
Naphthalene	<1.80		20.0	19.51		ug/L		98	45 - 144
n-Butylbenzene	<0.440		20.0	17.08		ug/L		85	46 - 130
N-Propylbenzene	<0.390		20.0	17.86		ug/L		89	50 - 125
p-Isopropyltoluene	1.32		20.0	19.25		ug/L		90	55 - 127
sec-Butylbenzene	<0.440		20.0	18.02		ug/L		90	53 - 127
Styrene	<0.370		20.0	17.90		ug/L		90	50 - 125
tert-Butylbenzene	<0.380		20.0	18.75		ug/L		94	57 - 125
Tetrachloroethene	<0.480		20.0	18.32		ug/L		92	51 - 128
Toluene	<0.430		20.0	18.33		ug/L		92	52 - 120
trans-1,2-Dichloroethene	<0.410		20.0	17.65		ug/L		88	53 - 127
trans-1,3-Dichloropropene	<2.30		20.0	14.01		ug/L		70	50 - 123
Trichloroethene	<0.350		20.0	15.95		ug/L		80	50 - 128
Xylenes, Total	<1.10		40.0	36.97		ug/L		92	50 - 122

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*99*		*76 - 130*
Toluene-d8 (Surr)	*105*		*80 - 120*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*

Lab Sample ID: 310-320388-D-4 MSD
Matrix: Water
Analysis Batch: 473627

Client Sample ID: Matrix Spike Duplicate
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		20.0	16.89		ug/L		84	55 - 121	1	20
1,1,1-Trichloroethane	<0.420		20.0	15.56		ug/L		78	53 - 130	1	20
1,1,2,2-Tetrachloroethane	<0.350		20.0	18.73		ug/L		94	55 - 123	2	20
1,1,2-Trichloroethane	<0.330		20.0	16.94		ug/L		85	60 - 121	1	20
1,1-Dichloroethane	<0.400		20.0	16.95		ug/L		85	53 - 127	3	20
1,1-Dichloroethene	<0.460		20.0	18.03		ug/L		90	51 - 134	2	20
1,1-Dichloropropene	<0.410		20.0	14.93		ug/L		75	55 - 133	6	20
1,2,3-Trichlorobenzene	<1.80		20.0	20.69		ug/L		103	54 - 127	8	24
1,2,3-Trichloropropane	<0.430		20.0	19.98		ug/L		100	56 - 122	2	21
1,2,4-Trichlorobenzene	<1.90		20.0	20.34		ug/L		102	55 - 126	10	20

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

Lab Sample ID: 310-320388-D-4 MSD
Client Sample ID: Matrix Spike Duplicate
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 473627

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4-Trimethylbenzene	<0.420		20.0	18.66		ug/L		93	51 - 125	1	20
1,2-Dibromo-3-Chloropropane	<1.20		20.0	19.05		ug/L		95	44 - 138	2	24
1,2-Dibromoethane (EDB)	<0.340		20.0	17.61		ug/L		88	60 - 122	1	20
1,2-Dichlorobenzene	<0.370		20.0	19.25		ug/L		96	60 - 120	1	20
1,2-Dichloroethane	<0.890		20.0	15.96		ug/L		80	48 - 128	2	20
1,2-Dichloropropane	<0.380		20.0	15.75		ug/L		79	59 - 128	2	20
1,3,5-Trimethylbenzene	<0.370		20.0	18.13		ug/L		91	53 - 124	1	20
1,3-Dichlorobenzene	<0.470		20.0	18.89		ug/L		94	58 - 120	1	20
1,3-Dichloropropane	<0.390		20.0	16.38		ug/L		82	58 - 125	1	20
1,4-Dichlorobenzene	<0.490		20.0	19.27		ug/L		96	58 - 120	1	20
2,2-Dichloropropane	<0.690		20.0	11.95		ug/L		60	34 - 146	2	20
2-Butanone (MEK)	<3.40		40.0	34.94		ug/L		87	46 - 134	0	23
2-Chloroethyl vinyl ether	<0.800	F1	20.0	<0.800	F1	ug/L		0	41 - 150	NC	20
2-Chlorotoluene	<0.470		20.0	17.56		ug/L		88	54 - 121	2	23
4-Chlorotoluene	<0.290		20.0	17.62		ug/L		88	52 - 122	1	20
Acetone	9.08	J	40.0	45.80		ug/L		92	39 - 141	0	23
Benzene	<0.220		20.0	15.79		ug/L		79	48 - 125	4	20
Bromobenzene	<0.490		20.0	18.64		ug/L		93	57 - 120	2	20
Bromochloromethane	<1.70		20.0	17.99		ug/L		90	55 - 131	3	21
Bromodichloromethane	<0.390		20.0	15.53		ug/L		78	53 - 122	1	20
Bromoform	<2.60		20.0	15.83		ug/L		79	47 - 122	2	20
Carbon disulfide	<0.450		20.0	16.27		ug/L		81	45 - 137	9	24
Carbon tetrachloride	<0.650		20.0	15.23		ug/L		76	45 - 136	2	20
Chlorobenzene	<0.350		20.0	17.60		ug/L		88	59 - 120	3	20
Chlorodibromomethane	<1.50		20.0	16.59		ug/L		83	53 - 121	0	20
Chloroform	<1.30		20.0	16.12		ug/L		81	52 - 122	2	20
cis-1,2-Dichloroethene	<0.550		20.0	17.03		ug/L		85	51 - 123	3	20
cis-1,3-Dichloropropene	<1.20		20.0	14.78		ug/L		74	55 - 123	2	20
Dibromomethane	<0.330		20.0	16.97		ug/L		85	57 - 122	1	20
Ethylbenzene	<0.420		20.0	17.76		ug/L		89	53 - 120	3	20
Hexachlorobutadiene	<1.40		20.0	17.61		ug/L		88	36 - 127	3	30
Hexane	<0.780		20.0	16.15		ug/L		81	30 - 150	2	20
Isopropylbenzene	<0.350		20.0	17.51		ug/L		88	51 - 122	1	20
Methyl tert-butyl ether	<0.300		20.0	15.27		ug/L		76	50 - 130	0	20
Methylene Chloride	<1.70		20.0	18.24		ug/L		91	59 - 128	3	20
Naphthalene	<1.80		20.0	20.47		ug/L		102	45 - 144	5	32
n-Butylbenzene	<0.440		20.0	17.98		ug/L		90	46 - 130	5	27
N-Propylbenzene	<0.390		20.0	17.78		ug/L		89	50 - 125	0	20
p-Isopropyltoluene	1.32		20.0	20.24		ug/L		95	55 - 127	5	20
sec-Butylbenzene	<0.440		20.0	18.94		ug/L		95	53 - 127	5	20
Styrene	<0.370		20.0	17.63		ug/L		88	50 - 125	2	20
tert-Butylbenzene	<0.380		20.0	19.08		ug/L		95	57 - 125	2	20
Tetrachloroethene	<0.480		20.0	17.62		ug/L		88	51 - 128	4	20
Toluene	<0.430		20.0	17.62		ug/L		88	52 - 120	4	20
trans-1,2-Dichloroethene	<0.410		20.0	16.94		ug/L		85	53 - 127	4	20
trans-1,3-Dichloropropene	<2.30		20.0	14.11		ug/L		71	50 - 123	1	20
Trichloroethene	<0.350		20.0	15.06		ug/L		75	50 - 128	6	20
Xylenes, Total	<1.10		40.0	35.93		ug/L		90	50 - 122	3	20

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

Lab Sample ID: 310-320388-D-4 MSD
Matrix: Water
Analysis Batch: 473627

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Dibromofluoromethane (Surr)	*101*		*76 - 130*
Toluene-d8 (Surr)	*104*		*80 - 120*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 310-473723/1-A
Matrix: Water
Analysis Batch: 473905

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 473723

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.640		10.0	0.640	ug/L		11/17/25 07:50	11/18/25 19:08	1
Acenaphthylene	<0.720		10.0	0.720	ug/L		11/17/25 07:50	11/18/25 19:08	1
Acetophenone	<0.690		10.0	0.690	ug/L		11/17/25 07:50	11/18/25 19:08	1
Anthracene	<0.870		10.0	0.870	ug/L		11/17/25 07:50	11/18/25 19:08	1
Benzo[a]anthracene	<0.850		10.0	0.850	ug/L		11/17/25 07:50	11/18/25 19:08	1
Benzo[a]pyrene	<8.10		10.0	8.10	ug/L		11/17/25 07:50	11/18/25 19:08	1
Benzo[b]fluoranthene	<4.90		10.0	4.90	ug/L		11/17/25 07:50	11/18/25 19:08	1
Benzo[g,h,i]perylene	<6.30		10.0	6.30	ug/L		11/17/25 07:50	11/18/25 19:08	1
Benzoic acid	<17.0		100	17.0	ug/L		11/17/25 07:50	11/18/25 19:08	1
Benzo[k]fluoranthene	<2.20		10.0	2.20	ug/L		11/17/25 07:50	11/18/25 19:08	1
Benzyl alcohol	<1.30		10.0	1.30	ug/L		11/17/25 07:50	11/18/25 19:08	1
Bis(2-chloroethoxy)methane	<0.760		10.0	0.760	ug/L		11/17/25 07:50	11/18/25 19:08	1
Bis(2-chloroethyl)ether	<0.820		10.0	0.820	ug/L		11/17/25 07:50	11/18/25 19:08	1
bis (2-chloroisopropyl) ether	<0.540		10.0	0.540	ug/L		11/17/25 07:50	11/18/25 19:08	1
Bis(2-ethylhexyl) phthalate	<5.50		10.0	5.50	ug/L		11/17/25 07:50	11/18/25 19:08	1
4-Bromophenyl phenyl ether	<0.700		10.0	0.700	ug/L		11/17/25 07:50	11/18/25 19:08	1
Butyl benzyl phthalate	<5.40		10.0	5.40	ug/L		11/17/25 07:50	11/18/25 19:08	1
4-Chloroaniline	<0.620		10.0	0.620	ug/L		11/17/25 07:50	11/18/25 19:08	1
4-Chloro-3-methylphenol	<0.840		10.0	0.840	ug/L		11/17/25 07:50	11/18/25 19:08	1
2-Chloronaphthalene	<0.640		10.0	0.640	ug/L		11/17/25 07:50	11/18/25 19:08	1
2-Chlorophenol	<0.540		10.0	0.540	ug/L		11/17/25 07:50	11/18/25 19:08	1
4-Chlorophenyl phenyl ether	<0.690		10.0	0.690	ug/L		11/17/25 07:50	11/18/25 19:08	1
Chrysene	<0.870		10.0	0.870	ug/L		11/17/25 07:50	11/18/25 19:08	1
Dibenzo(a,h)anthracene	<3.90		10.0	3.90	ug/L		11/17/25 07:50	11/18/25 19:08	1
Dibenzofuran	<0.740		10.0	0.740	ug/L		11/17/25 07:50	11/18/25 19:08	1
3,3'-Dichlorobenzidine	<1.40		10.0	1.40	ug/L		11/17/25 07:50	11/18/25 19:08	1
2,4-Dichlorophenol	<0.850		10.0	0.850	ug/L		11/17/25 07:50	11/18/25 19:08	1
2,6-Dichlorophenol	<0.690		10.0	0.690	ug/L		11/17/25 07:50	11/18/25 19:08	1
Diethyl phthalate	<1.70		10.0	1.70	ug/L		11/17/25 07:50	11/18/25 19:08	1
2,4-Dimethylphenol	<0.580		10.0	0.580	ug/L		11/17/25 07:50	11/18/25 19:08	1
Dimethyl phthalate	<1.00		10.0	1.00	ug/L		11/17/25 07:50	11/18/25 19:08	1
Di-n-butyl phthalate	<5.60		10.0	5.60	ug/L		11/17/25 07:50	11/18/25 19:08	1
1,3-Dinitrobenzene	<3.20		10.0	3.20	ug/L		11/17/25 07:50	11/18/25 19:08	1
4,6-Dinitro-2-methylphenol	<6.90		10.0	6.90	ug/L		11/17/25 07:50	11/18/25 19:08	1
2,4-Dinitrophenol	<13.0		20.0	13.0	ug/L		11/17/25 07:50	11/18/25 19:08	1
2,4-Dinitrotoluene	<6.40		10.0	6.40	ug/L		11/17/25 07:50	11/18/25 19:08	1
2,6-Dinitrotoluene	<0.520		10.0	0.520	ug/L		11/17/25 07:50	11/18/25 19:08	1
Di-n-octyl phthalate	<7.00		20.0	7.00	ug/L		11/17/25 07:50	11/18/25 19:08	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 310-473723/1-A
Matrix: Water
Analysis Batch: 473905

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 473723

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diphenylamine	<6.00		10.0	6.00	ug/L		11/17/25 07:50	11/18/25 19:08	1
Fluoranthene	<1.70		10.0	1.70	ug/L		11/17/25 07:50	11/18/25 19:08	1
Fluorene	<0.790		10.0	0.790	ug/L		11/17/25 07:50	11/18/25 19:08	1
Hexachlorobenzene	<0.700		10.0	0.700	ug/L		11/17/25 07:50	11/18/25 19:08	1
Hexachlorobutadiene	<0.860		10.0	0.860	ug/L		11/17/25 07:50	11/18/25 19:08	1
Hexachlorocyclopentadiene	<5.10		10.0	5.10	ug/L		11/17/25 07:50	11/18/25 19:08	1
Hexachloroethane	<0.970		10.0	0.970	ug/L		11/17/25 07:50	11/18/25 19:08	1
Indeno[1,2,3-cd]pyrene	<4.20		10.0	4.20	ug/L		11/17/25 07:50	11/18/25 19:08	1
Isophorone	<0.930		10.0	0.930	ug/L		11/17/25 07:50	11/18/25 19:08	1
2-Methylnaphthalene	<0.590		10.0	0.590	ug/L		11/17/25 07:50	11/18/25 19:08	1
2-Methylphenol	<0.650		10.0	0.650	ug/L		11/17/25 07:50	11/18/25 19:08	1
Methylphenol, 3 & 4	<0.700		10.0	0.700	ug/L		11/17/25 07:50	11/18/25 19:08	1
2-Nitroaniline	<5.90		10.0	5.90	ug/L		11/17/25 07:50	11/18/25 19:08	1
3-Nitroaniline	<2.70		10.0	2.70	ug/L		11/17/25 07:50	11/18/25 19:08	1
4-Nitroaniline	<1.30		10.0	1.30	ug/L		11/17/25 07:50	11/18/25 19:08	1
Nitrobenzene	<0.800		10.0	0.800	ug/L		11/17/25 07:50	11/18/25 19:08	1
2-Nitrophenol	<6.80		10.0	6.80	ug/L		11/17/25 07:50	11/18/25 19:08	1
4-Nitrophenol	<7.60		10.0	7.60	ug/L		11/17/25 07:50	11/18/25 19:08	1
N-Nitrosodimethylamine	<0.720		10.0	0.720	ug/L		11/17/25 07:50	11/18/25 19:08	1
N-Nitrosodi-n-propylamine	<0.920		10.0	0.920	ug/L		11/17/25 07:50	11/18/25 19:08	1
N-Nitrosodiphenylamine	<0.750		10.0	0.750	ug/L		11/17/25 07:50	11/18/25 19:08	1
Pentachlorophenol	<9.60		10.0	9.60	ug/L		11/17/25 07:50	11/18/25 19:08	1
Phenanthrene	<0.790		10.0	0.790	ug/L		11/17/25 07:50	11/18/25 19:08	1
Phenol	<1.10		10.0	1.10	ug/L		11/17/25 07:50	11/18/25 19:08	1
Pyrene	<0.790		10.0	0.790	ug/L		11/17/25 07:50	11/18/25 19:08	1
Pyridine	<1.60		10.0	1.60	ug/L		11/17/25 07:50	11/18/25 19:08	1
1,2,4,5-Tetrachlorobenzene	<0.540		10.0	0.540	ug/L		11/17/25 07:50	11/18/25 19:08	1
2,3,4,6-Tetrachlorophenol	<5.30		10.0	5.30	ug/L		11/17/25 07:50	11/18/25 19:08	1
2,4,5-Trichlorophenol	<5.30		10.0	5.30	ug/L		11/17/25 07:50	11/18/25 19:08	1
2,4,6-Trichlorophenol	<5.00		10.0	5.00	ug/L		11/17/25 07:50	11/18/25 19:08	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*82*		*33 - 126*	*11/17/25 07:50*	*11/18/25 19:08*	*1*
2-Fluorophenol (Surr)	*72*		*21 - 110*	*11/17/25 07:50*	*11/18/25 19:08*	*1*
Nitrobenzene-d5 (Surr)	*89*		*39 - 140*	*11/17/25 07:50*	*11/18/25 19:08*	*1*
Phenol-d5 (Surr)	*60*		*21 - 110*	*11/17/25 07:50*	*11/18/25 19:08*	*1*
Terphenyl-d14 (Surr)	*77*		*13 - 150*	*11/17/25 07:50*	*11/18/25 19:08*	*1*
2,4,6-Tribromophenol (Surr)	*91*		*20 - 144*	*11/17/25 07:50*	*11/18/25 19:08*	*1*

Lab Sample ID: MB 310-473723/1-A
Matrix: Water
Analysis Batch: 474293

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 473723

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.640		10.0	0.640	ug/L		11/17/25 07:50	11/20/25 21:53	1
Acenaphthylene	<0.720		10.0	0.720	ug/L		11/17/25 07:50	11/20/25 21:53	1
Acetophenone	<0.690		10.0	0.690	ug/L		11/17/25 07:50	11/20/25 21:53	1
2-Acetylaminofluorene	<2.70		10.0	2.70	ug/L		11/17/25 07:50	11/20/25 21:53	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 310-473723/1-A
Matrix: Water
Analysis Batch: 474293

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 473723

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Aminobiphenyl	<2.20		10.0	2.20	ug/L		11/17/25 07:50	11/20/25 21:53	1
Anthracene	<0.870		10.0	0.870	ug/L		11/17/25 07:50	11/20/25 21:53	1
Benzo[a]anthracene	<0.850		10.0	0.850	ug/L		11/17/25 07:50	11/20/25 21:53	1
Benzo[a]pyrene	<8.10		10.0	8.10	ug/L		11/17/25 07:50	11/20/25 21:53	1
Benzo[b]fluoranthene	<4.90		10.0	4.90	ug/L		11/17/25 07:50	11/20/25 21:53	1
Benzo[g,h,i]perylene	<6.30		10.0	6.30	ug/L		11/17/25 07:50	11/20/25 21:53	1
Benzoic acid	<17.0		100	17.0	ug/L		11/17/25 07:50	11/20/25 21:53	1
Benzo[k]fluoranthene	<2.20		10.0	2.20	ug/L		11/17/25 07:50	11/20/25 21:53	1
Benzyl alcohol	<1.30		10.0	1.30	ug/L		11/17/25 07:50	11/20/25 21:53	1
Bis(2-chloroethoxy)methane	<0.760		10.0	0.760	ug/L		11/17/25 07:50	11/20/25 21:53	1
Bis(2-chloroethyl)ether	<0.820		10.0	0.820	ug/L		11/17/25 07:50	11/20/25 21:53	1
bis (2-chloroisopropyl) ether	<0.540		10.0	0.540	ug/L		11/17/25 07:50	11/20/25 21:53	1
Bis(2-ethylhexyl) phthalate	<5.50		10.0	5.50	ug/L		11/17/25 07:50	11/20/25 21:53	1
4-Bromophenyl phenyl ether	<0.700		10.0	0.700	ug/L		11/17/25 07:50	11/20/25 21:53	1
Butyl benzyl phthalate	<5.40		10.0	5.40	ug/L		11/17/25 07:50	11/20/25 21:53	1
4-Chloroaniline	<0.620		10.0	0.620	ug/L		11/17/25 07:50	11/20/25 21:53	1
Chlorobenzilate	<3.60		10.0	3.60	ug/L		11/17/25 07:50	11/20/25 21:53	1
4-Chloro-3-methylphenol	<0.840		10.0	0.840	ug/L		11/17/25 07:50	11/20/25 21:53	1
2-Chloronaphthalene	<0.640		10.0	0.640	ug/L		11/17/25 07:50	11/20/25 21:53	1
2-Chlorophenol	<0.540		10.0	0.540	ug/L		11/17/25 07:50	11/20/25 21:53	1
4-Chlorophenyl phenyl ether	<0.690		10.0	0.690	ug/L		11/17/25 07:50	11/20/25 21:53	1
Chrysene	<0.870		10.0	0.870	ug/L		11/17/25 07:50	11/20/25 21:53	1
Diallate	<4.00		10.0	4.00	ug/L		11/17/25 07:50	11/20/25 21:53	1
Dibenzo(a,h)anthracene	<3.90		10.0	3.90	ug/L		11/17/25 07:50	11/20/25 21:53	1
Dibenzofuran	<0.740		10.0	0.740	ug/L		11/17/25 07:50	11/20/25 21:53	1
3,3'-Dichlorobenzidine	<1.40		10.0	1.40	ug/L		11/17/25 07:50	11/20/25 21:53	1
2,4-Dichlorophenol	<0.850		10.0	0.850	ug/L		11/17/25 07:50	11/20/25 21:53	1
2,6-Dichlorophenol	<0.690		10.0	0.690	ug/L		11/17/25 07:50	11/20/25 21:53	1
Diethyl phthalate	<1.70		10.0	1.70	ug/L		11/17/25 07:50	11/20/25 21:53	1
Dimethoate	<3.60		10.0	3.60	ug/L		11/17/25 07:50	11/20/25 21:53	1
7,12-Dimethylbenz(a)anthracene	<1.90		10.0	1.90	ug/L		11/17/25 07:50	11/20/25 21:53	1
3,3'-Dimethylbenzidine	<1.50		10.0	1.50	ug/L		11/17/25 07:50	11/20/25 21:53	1
2,4-Dimethylphenol	<0.580		10.0	0.580	ug/L		11/17/25 07:50	11/20/25 21:53	1
Dimethyl phthalate	<1.00		10.0	1.00	ug/L		11/17/25 07:50	11/20/25 21:53	1
Di-n-butyl phthalate	<5.60		10.0	5.60	ug/L		11/17/25 07:50	11/20/25 21:53	1
1,3-Dinitrobenzene	<3.20		10.0	3.20	ug/L		11/17/25 07:50	11/20/25 21:53	1
4,6-Dinitro-2-methylphenol	<6.90		10.0	6.90	ug/L		11/17/25 07:50	11/20/25 21:53	1
2,4-Dinitrophenol	<13.0		20.0	13.0	ug/L		11/17/25 07:50	11/20/25 21:53	1
2,4-Dinitrotoluene	<6.40		10.0	6.40	ug/L		11/17/25 07:50	11/20/25 21:53	1
2,6-Dinitrotoluene	<0.520		10.0	0.520	ug/L		11/17/25 07:50	11/20/25 21:53	1
Di-n-octyl phthalate	<7.00		20.0	7.00	ug/L		11/17/25 07:50	11/20/25 21:53	1
Dinoseb	<2.40		10.0	2.40	ug/L		11/17/25 07:50	11/20/25 21:53	1
Diphenylamine	<6.00		10.0	6.00	ug/L		11/17/25 07:50	11/20/25 21:53	1
Disulfoton	<2.40		10.0	2.40	ug/L		11/17/25 07:50	11/20/25 21:53	1
Ethyl methanesulfonate	<3.60		10.0	3.60	ug/L		11/17/25 07:50	11/20/25 21:53	1
Ethyl Parathion	<2.20		10.0	2.20	ug/L		11/17/25 07:50	11/20/25 21:53	1
Famphur	<3.80		10.0	3.80	ug/L		11/17/25 07:50	11/20/25 21:53	1
Fluoranthene	<1.70		10.0	1.70	ug/L		11/17/25 07:50	11/20/25 21:53	1
Fluorene	<0.790		10.0	0.790	ug/L		11/17/25 07:50	11/20/25 21:53	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 310-473723/1-A
Matrix: Water
Analysis Batch: 474293

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 473723

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobenzene	<0.700		10.0	0.700	ug/L		11/17/25 07:50	11/20/25 21:53	1
Hexachlorobutadiene	<0.860		10.0	0.860	ug/L		11/17/25 07:50	11/20/25 21:53	1
Hexachlorocyclopentadiene	<5.10		10.0	5.10	ug/L		11/17/25 07:50	11/20/25 21:53	1
Hexachloroethane	<0.970		10.0	0.970	ug/L		11/17/25 07:50	11/20/25 21:53	1
Hexachloropropene	<2.60		10.0	2.60	ug/L		11/17/25 07:50	11/20/25 21:53	1
Indeno[1,2,3-cd]pyrene	<4.20		10.0	4.20	ug/L		11/17/25 07:50	11/20/25 21:53	1
Isodrin	<4.70		10.0	4.70	ug/L		11/17/25 07:50	11/20/25 21:53	1
Isophorone	<0.930		10.0	0.930	ug/L		11/17/25 07:50	11/20/25 21:53	1
Isosafrole	<2.30		10.0	2.30	ug/L		11/17/25 07:50	11/20/25 21:53	1
Kepone	<1.00		10.0	1.00	ug/L		11/17/25 07:50	11/20/25 21:53	1
Methapyrilene	<0.760		10.0	0.760	ug/L		11/17/25 07:50	11/20/25 21:53	1
3-Methylcholanthrene	<0.320		10.0	0.320	ug/L		11/17/25 07:50	11/20/25 21:53	1
Methyl methanesulfonate	<3.30		10.0	3.30	ug/L		11/17/25 07:50	11/20/25 21:53	1
2-Methylnaphthalene	<0.590		10.0	0.590	ug/L		11/17/25 07:50	11/20/25 21:53	1
Methyl parathion	<2.30		10.0	2.30	ug/L		11/17/25 07:50	11/20/25 21:53	1
2-Methylphenol	<0.650		10.0	0.650	ug/L		11/17/25 07:50	11/20/25 21:53	1
Methylphenol, 3 & 4	<0.700		10.0	0.700	ug/L		11/17/25 07:50	11/20/25 21:53	1
1,4-Naphthoquinone	<3.60		10.0	3.60	ug/L		11/17/25 07:50	11/20/25 21:53	1
1-Naphthylamine	<2.50		10.0	2.50	ug/L		11/17/25 07:50	11/20/25 21:53	1
2-Naphthylamine	<2.10		10.0	2.10	ug/L		11/17/25 07:50	11/20/25 21:53	1
2-Nitroaniline	<5.90		10.0	5.90	ug/L		11/17/25 07:50	11/20/25 21:53	1
3-Nitroaniline	<2.70		10.0	2.70	ug/L		11/17/25 07:50	11/20/25 21:53	1
4-Nitroaniline	<1.30		10.0	1.30	ug/L		11/17/25 07:50	11/20/25 21:53	1
Nitrobenzene	<0.800		10.0	0.800	ug/L		11/17/25 07:50	11/20/25 21:53	1
5-Nitro-o-toluidine	<2.80		10.0	2.80	ug/L		11/17/25 07:50	11/20/25 21:53	1
2-Nitrophenol	<6.80		10.0	6.80	ug/L		11/17/25 07:50	11/20/25 21:53	1
4-Nitrophenol	<7.60		10.0	7.60	ug/L		11/17/25 07:50	11/20/25 21:53	1
N-Nitrosodiethylamine	<3.40		10.0	3.40	ug/L		11/17/25 07:50	11/20/25 21:53	1
N-Nitrosodimethylamine	<0.720		10.0	0.720	ug/L		11/17/25 07:50	11/20/25 21:53	1
N-Nitrosodi-n-butylamine	<3.90		10.0	3.90	ug/L		11/17/25 07:50	11/20/25 21:53	1
N-Nitrosodi-n-propylamine	<0.920		10.0	0.920	ug/L		11/17/25 07:50	11/20/25 21:53	1
N-Nitrosodiphenylamine	<0.750		10.0	0.750	ug/L		11/17/25 07:50	11/20/25 21:53	1
N-Nitrosomethylethylamine	<4.90		10.0	4.90	ug/L		11/17/25 07:50	11/20/25 21:53	1
N-Nitrosopiperidine	<2.70		10.0	2.70	ug/L		11/17/25 07:50	11/20/25 21:53	1
N-Nitrosopyrrolidine	<3.60		10.0	3.60	ug/L		11/17/25 07:50	11/20/25 21:53	1
o,o',o''-Triethylphosphorothioate	<3.20		10.0	3.20	ug/L		11/17/25 07:50	11/20/25 21:53	1
o-Toluidine	<2.90		10.0	2.90	ug/L		11/17/25 07:50	11/20/25 21:53	1
p-Dimethylamino azobenzene	<2.20		10.0	2.20	ug/L		11/17/25 07:50	11/20/25 21:53	1
Pentachlorobenzene	<2.80		10.0	2.80	ug/L		11/17/25 07:50	11/20/25 21:53	1
Pentachloronitrobenzene	<5.80		10.0	5.80	ug/L		11/17/25 07:50	11/20/25 21:53	1
Pentachlorophenol	<9.60		10.0	9.60	ug/L		11/17/25 07:50	11/20/25 21:53	1
Phenacetin	<1.90		10.0	1.90	ug/L		11/17/25 07:50	11/20/25 21:53	1
Phenanthrene	<0.790		10.0	0.790	ug/L		11/17/25 07:50	11/20/25 21:53	1
Phenol	<1.10		10.0	1.10	ug/L		11/17/25 07:50	11/20/25 21:53	1
1,4-phenylenediamine	<1.90		10.0	1.90	ug/L		11/17/25 07:50	11/20/25 21:53	1
Phorate	<3.20		10.0	3.20	ug/L		11/17/25 07:50	11/20/25 21:53	1
Pronamide	<2.70		10.0	2.70	ug/L		11/17/25 07:50	11/20/25 21:53	1
Pyrene	<0.790		10.0	0.790	ug/L		11/17/25 07:50	11/20/25 21:53	1
Pyridine	<1.60		10.0	1.60	ug/L		11/17/25 07:50	11/20/25 21:53	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 310-473723/1-A
Matrix: Water
Analysis Batch: 474293

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 473723

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Safrole	<2.80		10.0	2.80	ug/L		11/17/25 07:50	11/20/25 21:53	1
1,2,4,5-Tetrachlorobenzene	<0.540		10.0	0.540	ug/L		11/17/25 07:50	11/20/25 21:53	1
2,3,4,6-Tetrachlorophenol	<5.30		10.0	5.30	ug/L		11/17/25 07:50	11/20/25 21:53	1
Thionazin	<3.50		10.0	3.50	ug/L		11/17/25 07:50	11/20/25 21:53	1
2,4,5-Trichlorophenol	<5.30		10.0	5.30	ug/L		11/17/25 07:50	11/20/25 21:53	1
2,4,6-Trichlorophenol	<5.00		10.0	5.00	ug/L		11/17/25 07:50	11/20/25 21:53	1
1,3,5-Trinitrobenzene	<2.30		10.0	2.30	ug/L		11/17/25 07:50	11/20/25 21:53	1

Lab Sample ID: LCS 310-473723/2-A
Matrix: Water
Analysis Batch: 473905

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 473723

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	100	76.89		ug/L		77	38 - 118
Acenaphthylene	100	79.07		ug/L		79	39 - 115
Acetophenone	100	72.86		ug/L		73	47 - 118
Anthracene	100	86.54		ug/L		87	49 - 127
Benzo[a]anthracene	100	85.53		ug/L		86	49 - 126
Benzo[a]pyrene	100	93.81		ug/L		94	44 - 133
Benzo[b]fluoranthene	100	94.02		ug/L		94	44 - 136
Benzo[g,h,i]perylene	100	101.2		ug/L		101	42 - 135
Benzo[k]fluoranthene	100	89.12		ug/L		89	49 - 134
Benzyl alcohol	100	74.60		ug/L		75	46 - 123
Bis(2-chloroethoxy)methane	100	81.46		ug/L		81	44 - 126
Bis(2-chloroethyl)ether	100	69.35		ug/L		69	41 - 116
bis (2-chloroisopropyl) ether	100	65.03		ug/L		65	36 - 115
Bis(2-ethylhexyl) phthalate	100	75.65		ug/L		76	46 - 138
4-Bromophenyl phenyl ether	100	87.96		ug/L		88	41 - 131
Butyl benzyl phthalate	100	81.55		ug/L		82	47 - 133
4-Chloroaniline	100	80.86		ug/L		81	13 - 143
4-Chloro-3-methylphenol	100	82.20		ug/L		82	51 - 132
2-Chloronaphthalene	100	78.46		ug/L		78	33 - 112
2-Chlorophenol	100	76.40		ug/L		76	43 - 119
4-Chlorophenyl phenyl ether	100	74.43		ug/L		74	44 - 118
Chrysene	100	90.27		ug/L		90	50 - 128
Dibenzo(a,h)anthracene	100	105.1		ug/L		105	36 - 146
Dibenzofuran	100	78.47		ug/L		78	44 - 114
2,4-Dichlorophenol	100	89.67		ug/L		90	44 - 131
2,6-Dichlorophenol	100	88.79		ug/L		89	41 - 131
Diethyl phthalate	100	75.91		ug/L		76	43 - 135
2,4-Dimethylphenol	100	80.01		ug/L		80	30 - 128
Dimethyl phthalate	100	80.35		ug/L		80	46 - 129
Di-n-butyl phthalate	100	80.24		ug/L		80	49 - 138
1,3-Dinitrobenzene	100	89.56		ug/L		90	36 - 147
4,6-Dinitro-2-methylphenol	200	204.8		ug/L		102	22 - 150
2,4-Dinitrophenol	200	158.5		ug/L		79	10 - 150
2,4-Dinitrotoluene	100	88.84		ug/L		89	48 - 136
2,6-Dinitrotoluene	100	92.17		ug/L		92	49 - 135
Di-n-octyl phthalate	100	72.11		ug/L		72	33 - 148

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 310-473723/2-A
Matrix: Water
Analysis Batch: 473905

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 473723

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoranthene	100	86.54		ug/L		87	49 - 132
Fluorene	100	78.47		ug/L		78	46 - 118
Hexachlorobenzene	100	90.71		ug/L		91	42 - 134
Hexachlorobutadiene	100	69.25		ug/L		69	29 - 110
Hexachlorocyclopentadiene	100	57.16		ug/L		57	10 - 110
Hexachloroethane	100	57.02		ug/L		57	25 - 110
Indeno[1,2,3-cd]pyrene	100	100.1		ug/L		100	36 - 149
Isophorone	100	83.03		ug/L		83	46 - 126
2-Methylnaphthalene	100	69.10		ug/L		69	35 - 110
2-Methylphenol	100	75.86		ug/L		76	47 - 114
Methylphenol, 3 & 4	100	71.72		ug/L		72	45 - 114
2-Nitroaniline	100	87.21		ug/L		87	48 - 135
3-Nitroaniline	100	89.52		ug/L		90	38 - 142
4-Nitroaniline	100	80.54		ug/L		81	33 - 141
Nitrobenzene	100	83.44		ug/L		83	42 - 123
2-Nitrophenol	100	100.2		ug/L		100	36 - 144
4-Nitrophenol	200	99.11		ug/L		50	22 - 110
N-Nitrosodimethylamine	100	64.60		ug/L		65	37 - 110
N-Nitrosodi-n-propylamine	100	74.01		ug/L		74	44 - 124
N-Nitrosodiphenylamine	100	88.14		ug/L		88	43 - 132
Pentachlorophenol	200	151.3		ug/L		76	28 - 142
Phenanthrene	100	85.98		ug/L		86	48 - 126
Phenol	100	54.92		ug/L		55	29 - 110
Pyrene	100	87.04		ug/L		87	45 - 134
Pyridine	200	38.22		ug/L		19	10 - 110
1,2,4,5-Tetrachlorobenzene	100	71.10		ug/L		71	35 - 110
2,3,4,6-Tetrachlorophenol	100	92.90		ug/L		93	32 - 142
2,4,5-Trichlorophenol	100	88.06		ug/L		88	39 - 136
2,4,6-Trichlorophenol	100	93.78		ug/L		94	35 - 141

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*84*		*33 - 126*
2-Fluorophenol (Surr)	*72*		*21 - 110*
Nitrobenzene-d5 (Surr)	*88*		*39 - 140*
Phenol-d5 (Surr)	*58*		*21 - 110*
Terphenyl-d14 (Surr)	*77*		*13 - 150*
2,4,6-Tribromophenol (Surr)	*100*		*20 - 144*

Lab Sample ID: LCS 310-473723/2-A
Matrix: Water
Analysis Batch: 474293

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 473723

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	100	78.83		ug/L		79	38 - 118
Acenaphthylene	100	77.04		ug/L		77	39 - 115
Acetophenone	100	71.88		ug/L		72	47 - 118
2-Acetylaminofluorene	51.2	30.67		ug/L		60	37 - 149
4-Aminobiphenyl	51.2	28.87		ug/L		56	23 - 123

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 310-473723/2-A
Matrix: Water
Analysis Batch: 474293

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 473723

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Anthracene	100	90.51		ug/L		91	49 - 127
Benzo[a]anthracene	100	84.41		ug/L		84	49 - 126
Benzo[a]pyrene	100	66.76		ug/L		67	44 - 133
Benzo[b]fluoranthene	100	76.77		ug/L		77	44 - 136
Benzo[g,h,i]perylene	100	70.36		ug/L		70	42 - 135
Benzo[k]fluoranthene	100	84.39		ug/L		84	49 - 134
Benzyl alcohol	100	69.33		ug/L		69	46 - 123
Bis(2-chloroethoxy)methane	100	79.09		ug/L		79	44 - 126
Bis(2-chloroethyl)ether	100	68.96		ug/L		69	41 - 116
bis (2-chloroisopropyl) ether	100	63.66		ug/L		64	36 - 115
Bis(2-ethylhexyl) phthalate	100	53.58		ug/L		54	46 - 138
4-Bromophenyl phenyl ether	100	91.34		ug/L		91	41 - 131
Butyl benzyl phthalate	100	74.28		ug/L		74	47 - 133
4-Chloroaniline	100	73.68		ug/L		74	13 - 143
Chlorobenzilate	51.2	42.37		ug/L		83	39 - 145
4-Chloro-3-methylphenol	100	79.54		ug/L		80	51 - 132
2-Chloronaphthalene	100	68.50		ug/L		69	33 - 112
2-Chlorophenol	100	71.47		ug/L		71	43 - 119
4-Chlorophenyl phenyl ether	100	76.68		ug/L		77	44 - 118
Chrysene	100	88.79		ug/L		89	50 - 128
Diallate	44.8	42.75		ug/L		95	40 - 135
Dibenzo(a,h)anthracene	100	81.70		ug/L		82	36 - 146
Dibenzofuran	100	77.56		ug/L		78	44 - 114
2,4-Dichlorophenol	100	87.89		ug/L		88	44 - 131
2,6-Dichlorophenol	100	86.88		ug/L		87	41 - 131
Diethyl phthalate	100	84.19		ug/L		84	43 - 135
Dimethoate	44.8	35.51		ug/L		79	31 - 150
7,12-Dimethylbenz(a)anthracene	51.2	39.13		ug/L		76	47 - 129
3,3'-Dimethylbenzidine	51.2	14.91		ug/L		29	10 - 147
2,4-Dimethylphenol	100	74.96		ug/L		75	30 - 128
Dimethyl phthalate	100	82.29		ug/L		82	46 - 129
Di-n-butyl phthalate	100	79.09		ug/L		79	49 - 138
1,3-Dinitrobenzene	100	84.82		ug/L		85	36 - 147
4,6-Dinitro-2-methylphenol	200	212.9		ug/L		106	22 - 150
2,4-Dinitrophenol	200	175.7		ug/L		88	10 - 150
2,4-Dinitrotoluene	100	74.96		ug/L		75	48 - 136
2,6-Dinitrotoluene	100	81.03		ug/L		81	49 - 135
Di-n-octyl phthalate	100	49.30		ug/L		49	33 - 148
Dinoseb	51.2	56.22		ug/L		110	22 - 150
Disulfoton	44.8	33.02		ug/L		74	27 - 138
Ethyl methanesulfonate	51.2	33.32		ug/L		65	44 - 110
Ethyl Parathion	44.8	37.15		ug/L		83	52 - 141
Famphur	44.8	49.42		ug/L		110	67 - 150
Fluoranthene	100	84.97		ug/L		85	49 - 132
Fluorene	100	81.82		ug/L		82	46 - 118
Hexachlorobenzene	100	91.49		ug/L		91	42 - 134
Hexachlorobutadiene	100	69.82		ug/L		70	29 - 110
Hexachlorocyclopentadiene	100	51.41		ug/L		51	10 - 110
Hexachloroethane	100	55.12		ug/L		55	25 - 110

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 310-473723/2-A
Matrix: Water
Analysis Batch: 474293

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 473723

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Hexachloropropene	51.2	12.09		ug/L		24	10 - 110
Indeno[1,2,3-cd]pyrene	100	75.92		ug/L		76	36 - 149
Isodrin	51.2	44.22		ug/L		86	50 - 122
Isophorone	100	77.15		ug/L		77	46 - 126
Methapyrilene	44.8	3.835	J *-	ug/L		9	10 - 110
3-Methylcholanthrene	51.2	41.31		ug/L		81	13 - 140
Methyl methanesulfonate	51.2	23.55		ug/L		46	16 - 110
2-Methylnaphthalene	100	70.76		ug/L		71	35 - 110
Methyl parathion	44.8	37.92		ug/L		85	49 - 150
2-Methylphenol	100	73.12		ug/L		73	47 - 114
Methylphenol, 3 & 4	100	69.94		ug/L		70	45 - 114
1,4-Naphthoquinone	51.2	33.92		ug/L		66	38 - 137
1-Naphthylamine	51.2	15.84		ug/L		31	10 - 110
2-Naphthylamine	51.2	28.45		ug/L		56	18 - 111
2-Nitroaniline	100	76.18		ug/L		76	48 - 135
3-Nitroaniline	100	73.33		ug/L		73	38 - 142
4-Nitroaniline	100	83.17		ug/L		83	33 - 141
Nitrobenzene	100	80.07		ug/L		80	42 - 123
5-Nitro-o-toluidine	51.2	44.32		ug/L		87	43 - 139
2-Nitrophenol	100	87.18		ug/L		87	36 - 144
4-Nitrophenol	200	93.74		ug/L		47	22 - 110
N-Nitrosodiethylamine	51.2	36.66		ug/L		72	51 - 116
N-Nitrosodimethylamine	100	63.97		ug/L		64	37 - 110
N-Nitrosodi-n-butylamine	51.2	39.10		ug/L		76	49 - 135
N-Nitrosodi-n-propylamine	100	74.97		ug/L		75	44 - 124
N-Nitrosodiphenylamine	100	83.09		ug/L		83	43 - 132
N-Nitrosomethylethylamine	51.2	35.31		ug/L		69	43 - 114
N-Nitrosopiperidine	51.2	41.76		ug/L		82	50 - 120
N-Nitrosopyrrolidine	51.2	39.12		ug/L		76	47 - 129
o,o',o''-Triethylphosphorothioate	44.8	33.05		ug/L		74	34 - 125
o-Toluidine	51.2	34.18		ug/L		67	19 - 128
p-Dimethylamino azobenzene	51.2	34.26		ug/L		67	45 - 133
Pentachlorobenzene	51.2	38.23		ug/L		75	27 - 112
Pentachloronitrobenzene	51.2	51.67		ug/L		101	45 - 132
Pentachlorophenol	200	159.1		ug/L		80	28 - 142
Phenacetin	51.2	37.13		ug/L		73	51 - 139
Phenanthrene	100	84.73		ug/L		85	48 - 126
Phenol	100	47.58		ug/L		48	29 - 110
1,4-phenylenediamine	51.2	<1.90	*-	ug/L		0.4	20 - 120
Phorate	44.8	37.60		ug/L		84	21 - 147
Pronamide	51.2	49.81		ug/L		97	52 - 135
Pyrene	100	90.51		ug/L		91	45 - 134
Pyridine	200	35.25		ug/L		18	10 - 110
Safrole	44.8	30.05		ug/L		67	26 - 117
1,2,4,5-Tetrachlorobenzene	100	75.98		ug/L		76	35 - 110
2,3,4,6-Tetrachlorophenol	100	82.30		ug/L		82	32 - 142
Thionazin	44.8	36.22		ug/L		81	48 - 135
2,4,5-Trichlorophenol	100	84.61		ug/L		85	39 - 136
2,4,6-Trichlorophenol	100	89.44		ug/L		89	35 - 141

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 310-473723/2-A
Matrix: Water
Analysis Batch: 474293

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 473723

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,3,5-Trinitrobenzene	51.2	45.40		ug/L		89	26 - 150

Lab Sample ID: LCSD 310-473723/3-A
Matrix: Water
Analysis Batch: 473905

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 473723

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acenaphthene	100	79.63		ug/L		80	38 - 118	4	35
Acenaphthylene	100	81.35		ug/L		81	39 - 115	3	35
Acetophenone	100	78.20		ug/L		78	47 - 118	7	35
Anthracene	100	90.82		ug/L		91	49 - 127	5	35
Benzo[a]anthracene	100	89.54		ug/L		90	49 - 126	5	35
Benzo[a]pyrene	100	96.42		ug/L		96	44 - 133	3	35
Benzo[b]fluoranthene	100	98.90		ug/L		99	44 - 136	5	35
Benzo[g,h,i]perylene	100	105.0		ug/L		105	42 - 135	4	35
Benzo[k]fluoranthene	100	92.41		ug/L		92	49 - 134	4	35
Benzyl alcohol	100	77.44		ug/L		77	46 - 123	4	35
Bis(2-chloroethoxy)methane	100	85.09		ug/L		85	44 - 126	4	35
Bis(2-chloroethyl)ether	100	75.40		ug/L		75	41 - 116	8	35
bis (2-chloroisopropyl) ether	100	68.25		ug/L		68	36 - 115	5	35
Bis(2-ethylhexyl) phthalate	100	77.41		ug/L		77	46 - 138	2	35
4-Bromophenyl phenyl ether	100	94.78		ug/L		95	41 - 131	7	35
Butyl benzyl phthalate	100	83.08		ug/L		83	47 - 133	2	35
4-Chloroaniline	100	83.26		ug/L		83	13 - 143	3	35
4-Chloro-3-methylphenol	100	85.16		ug/L		85	51 - 132	4	35
2-Chloronaphthalene	100	81.82		ug/L		82	33 - 112	4	35
2-Chlorophenol	100	83.30		ug/L		83	43 - 119	9	35
4-Chlorophenyl phenyl ether	100	77.06		ug/L		77	44 - 118	3	35
Chrysene	100	93.21		ug/L		93	50 - 128	3	35
Dibenzo(a,h)anthracene	100	103.2		ug/L		103	36 - 146	2	35
Dibenzofuran	100	79.05		ug/L		79	44 - 114	1	35
2,4-Dichlorophenol	100	92.75		ug/L		93	44 - 131	3	35
2,6-Dichlorophenol	100	94.94		ug/L		95	41 - 131	7	35
Diethyl phthalate	100	77.41		ug/L		77	43 - 135	2	35
2,4-Dimethylphenol	100	88.85		ug/L		89	30 - 128	10	35
Dimethyl phthalate	100	83.92		ug/L		84	46 - 129	4	35
Di-n-butyl phthalate	100	81.83		ug/L		82	49 - 138	2	35
1,3-Dinitrobenzene	100	90.13		ug/L		90	36 - 147	1	35
4,6-Dinitro-2-methylphenol	200	215.1		ug/L		108	22 - 150	5	35
2,4-Dinitrophenol	200	157.1		ug/L		79	10 - 150	1	35
2,4-Dinitrotoluene	100	89.77		ug/L		90	48 - 136	1	35
2,6-Dinitrotoluene	100	93.78		ug/L		94	49 - 135	2	35
Di-n-octyl phthalate	100	71.65		ug/L		72	33 - 148	1	35
Fluoranthene	100	87.27		ug/L		87	49 - 132	1	35
Fluorene	100	77.61		ug/L		78	46 - 118	1	35
Hexachlorobenzene	100	101.0		ug/L		101	42 - 134	11	35
Hexachlorobutadiene	100	73.62		ug/L		74	29 - 110	6	35
Hexachlorocyclopentadiene	100	59.66		ug/L		60	10 - 110	4	35
Hexachloroethane	100	59.45		ug/L		59	25 - 110	4	35

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 310-473723/3-A
Matrix: Water
Analysis Batch: 473905

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 473723

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Indeno[1,2,3-cd]pyrene			100	104.5		ug/L		105	36 - 149	4	35
Isophorone			100	87.38		ug/L		87	46 - 126	5	35
2-Methylnaphthalene			100	72.65		ug/L		73	35 - 110	5	35
2-Methylphenol			100	84.64		ug/L		85	47 - 114	11	35
Methylphenol, 3 & 4			100	80.86		ug/L		81	45 - 114	12	35
2-Nitroaniline			100	89.06		ug/L		89	48 - 135	2	35
3-Nitroaniline			100	90.35		ug/L		90	38 - 142	1	35
4-Nitroaniline			100	71.25		ug/L		71	33 - 141	12	35
Nitrobenzene			100	90.28		ug/L		90	42 - 123	8	35
2-Nitrophenol			100	108.5		ug/L		109	36 - 144	8	35
4-Nitrophenol			200	125.2		ug/L		63	22 - 110	23	35
N-Nitrosodimethylamine			100	70.18		ug/L		70	37 - 110	8	35
N-Nitrosodi-n-propylamine			100	78.26		ug/L		78	44 - 124	6	35
N-Nitrosodiphenylamine			100	94.13		ug/L		94	43 - 132	7	35
Pentachlorophenol			200	161.7		ug/L		81	28 - 142	7	35
Phenanthrene			100	90.14		ug/L		90	48 - 126	5	35
Phenol			100	77.20		ug/L		77	29 - 110	34	35
Pyrene			100	90.63		ug/L		91	45 - 134	4	35
Pyridine			200	3.527	J *- *1	ug/L		2	10 - 110	166	35
1,2,4,5-Tetrachlorobenzene			100	74.18		ug/L		74	35 - 110	4	35
2,3,4,6-Tetrachlorophenol			100	91.91		ug/L		92	32 - 142	1	35
2,4,5-Trichlorophenol			100	90.99		ug/L		91	39 - 136	3	35
2,4,6-Trichlorophenol			100	100.1		ug/L		100	35 - 141	7	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*86*		*33 - 126*
2-Fluorophenol (Surr)	*87*		*21 - 110*
Nitrobenzene-d5 (Surr)	*90*		*39 - 140*
Phenol-d5 (Surr)	*80*		*21 - 110*
Terphenyl-d14 (Surr)	*77*		*13 - 150*
2,4,6-Tribromophenol (Surr)	*96*		*20 - 144*

Lab Sample ID: LCSD 310-473723/3-A
Matrix: Water
Analysis Batch: 474293

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 473723

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acenaphthene			100	79.22		ug/L		79	38 - 118	0	35
Acenaphthylene			100	80.12		ug/L		80	39 - 115	4	35
Acetophenone			100	75.90		ug/L		76	47 - 118	5	35
2-Acetylaminofluorene			51.2	37.18		ug/L		73	37 - 149	19	26
4-Aminobiphenyl			51.2	29.14		ug/L		57	23 - 123	1	35
Anthracene			100	90.69		ug/L		91	49 - 127	0	35
Benzo[a]anthracene			100	86.41		ug/L		86	49 - 126	2	35
Benzo[a]pyrene			100	73.34		ug/L		73	44 - 133	9	35
Benzo[b]fluoranthene			100	77.68		ug/L		78	44 - 136	1	35
Benzo[g,h,i]perylene			100	86.73		ug/L		87	42 - 135	21	35
Benzo[k]fluoranthene			100	100.9		ug/L		101	49 - 134	18	35

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 310-473723/3-A
Client Sample ID: Lab Control Sample Dup
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 474293
Prep Batch: 473723

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzyl alcohol	100	73.74		ug/L		74	46 - 123	6	35
Bis(2-chloroethoxy)methane	100	83.10		ug/L		83	44 - 126	5	35
Bis(2-chloroethyl)ether	100	70.19		ug/L		70	41 - 116	2	35
bis (2-chloroisopropyl) ether	100	67.32		ug/L		67	36 - 115	6	35
Bis(2-ethylhexyl) phthalate	100	57.16		ug/L		57	46 - 138	6	35
4-Bromophenyl phenyl ether	100	91.68		ug/L		92	41 - 131	0	35
Butyl benzyl phthalate	100	78.22		ug/L		78	47 - 133	5	35
4-Chloroaniline	100	79.67		ug/L		80	13 - 143	8	35
Chlorobenzilate	51.2	45.90		ug/L		90	39 - 145	8	28
4-Chloro-3-methylphenol	100	89.83		ug/L		90	51 - 132	12	35
2-Chloronaphthalene	100	70.72		ug/L		71	33 - 112	3	35
2-Chlorophenol	100	77.34		ug/L		77	43 - 119	8	35
4-Chlorophenyl phenyl ether	100	81.63		ug/L		82	44 - 118	6	35
Chrysene	100	97.29		ug/L		97	50 - 128	9	35
Diallate	44.8	43.99		ug/L		98	40 - 135	3	29
Dibenzo(a,h)anthracene	100	88.73		ug/L		89	36 - 146	8	35
Dibenzofuran	100	81.96		ug/L		82	44 - 114	6	35
2,4-Dichlorophenol	100	93.99		ug/L		94	44 - 131	7	35
2,6-Dichlorophenol	100	96.19		ug/L		96	41 - 131	10	35
Diethyl phthalate	100	84.37		ug/L		84	43 - 135	0	35
Dimethoate	44.8	38.54		ug/L		86	31 - 150	8	35
7,12-Dimethylbenz(a)anthracene	51.2	39.16		ug/L		76	47 - 129	0	29
3,3'-Dimethylbenzidine	51.2	8.797	J *1	ug/L		17	10 - 147	52	35
2,4-Dimethylphenol	100	84.01		ug/L		84	30 - 128	11	35
Dimethyl phthalate	100	86.90		ug/L		87	46 - 129	5	35
Di-n-butyl phthalate	100	83.94		ug/L		84	49 - 138	6	35
1,3-Dinitrobenzene	100	91.71		ug/L		92	36 - 147	8	35
4,6-Dinitro-2-methylphenol	200	224.7		ug/L		112	22 - 150	5	35
2,4-Dinitrophenol	200	199.6		ug/L		100	10 - 150	13	35
2,4-Dinitrotoluene	100	85.06		ug/L		85	48 - 136	13	35
2,6-Dinitrotoluene	100	86.95		ug/L		87	49 - 135	7	35
Di-n-octyl phthalate	100	55.17		ug/L		55	33 - 148	11	35
Dinoseb	51.2	61.19		ug/L		120	22 - 150	8	35
Disulfoton	44.8	34.68		ug/L		77	27 - 138	5	32
Ethyl methanesulfonate	51.2	35.14		ug/L		69	44 - 110	5	30
Ethyl Parathion	44.8	39.56		ug/L		88	52 - 141	6	30
Famphur	44.8	54.16		ug/L		121	67 - 150	9	28
Fluoranthene	100	87.48		ug/L		87	49 - 132	3	35
Fluorene	100	84.63		ug/L		85	46 - 118	3	35
Hexachlorobenzene	100	92.42		ug/L		92	42 - 134	1	35
Hexachlorobutadiene	100	71.93		ug/L		72	29 - 110	3	35
Hexachlorocyclopentadiene	100	52.40		ug/L		52	10 - 110	2	35
Hexachloroethane	100	56.70		ug/L		57	25 - 110	3	35
Hexachloropropene	51.2	13.37		ug/L		26	10 - 110	10	35
Indeno[1,2,3-cd]pyrene	100	79.77		ug/L		80	36 - 149	5	35
Isodrin	51.2	43.42		ug/L		85	50 - 122	2	28
Isophorone	100	86.40		ug/L		86	46 - 126	11	35
Methapyrilene	44.8	<0.760	*- *1	ug/L		0.8	10 - 110	166	35
3-Methylcholanthrene	51.2	46.93		ug/L		92	13 - 140	13	35

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 310-473723/3-A
Client Sample ID: Lab Control Sample Dup
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 474293
Prep Batch: 473723

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Methyl methanesulfonate	51.2	26.80		ug/L		52	16 - 110	13	28
2-Methylnaphthalene	100	76.12		ug/L		76	35 - 110	7	35
Methyl parathion	44.8	40.90		ug/L		91	49 - 150	8	29
2-Methylphenol	100	81.52		ug/L		82	47 - 114	11	35
Methylphenol, 3 & 4	100	78.14		ug/L		78	45 - 114	11	35
1,4-Naphthoquinone	51.2	38.47		ug/L		75	38 - 137	13	27
1-Naphthylamine	51.2	12.52		ug/L		24	10 - 110	23	35
2-Naphthylamine	51.2	27.68		ug/L		54	18 - 111	3	35
2-Nitroaniline	100	81.71		ug/L		82	48 - 135	7	35
3-Nitroaniline	100	79.21		ug/L		79	38 - 142	8	35
4-Nitroaniline	100	86.11		ug/L		86	33 - 141	3	35
Nitrobenzene	100	87.03		ug/L		87	42 - 123	8	35
5-Nitro-o-toluidine	51.2	49.98		ug/L		98	43 - 139	12	32
2-Nitrophenol	100	99.72		ug/L		100	36 - 144	13	35
4-Nitrophenol	200	140.5	*1	ug/L		70	22 - 110	40	35
N-Nitrosodiethylamine	51.2	39.73		ug/L		78	51 - 116	8	27
N-Nitrosodimethylamine	100	65.90		ug/L		66	37 - 110	3	35
N-Nitrosodi-n-butylamine	51.2	43.82		ug/L		86	49 - 135	11	28
N-Nitrosodi-n-propylamine	100	82.92		ug/L		83	44 - 124	10	35
N-Nitrosodiphenylamine	100	86.85		ug/L		87	43 - 132	4	35
N-Nitrosomethylethylamine	51.2	37.11		ug/L		72	43 - 114	5	29
N-Nitrosopiperidine	51.2	45.92		ug/L		90	50 - 120	9	26
N-Nitrosopyrrolidine	51.2	43.28		ug/L		85	47 - 129	10	31
o,o',o''-Triethylphosphorothioate	44.8	35.25		ug/L		79	34 - 125	6	33
o-Toluidine	51.2	28.47		ug/L		56	19 - 128	18	35
p-Dimethylamino azobenzene	51.2	34.94		ug/L		68	45 - 133	2	31
Pentachlorobenzene	51.2	39.60		ug/L		77	27 - 112	4	35
Pentachloronitrobenzene	51.2	49.51		ug/L		97	45 - 132	4	29
Pentachlorophenol	200	186.4		ug/L		93	28 - 142	16	35
Phenacetin	51.2	41.76		ug/L		82	51 - 139	12	29
Phenanthrene	100	87.22		ug/L		87	48 - 126	3	35
Phenol	100	68.17	*1	ug/L		68	29 - 110	36	35
1,4-phenylenediamine	51.2	<1.90	*-	ug/L		0.4	20 - 120	5	35
Phorate	44.8	38.07		ug/L		85	21 - 147	1	35
Pronamide	51.2	51.76		ug/L		101	52 - 135	4	28
Pyrene	100	94.97		ug/L		95	45 - 134	5	35
Pyridine	200	3.058	J *- *1	ug/L		2	10 - 110	168	35
Safrole	44.8	33.22		ug/L		74	26 - 117	10	35
1,2,4,5-Tetrachlorobenzene	100	77.35		ug/L		77	35 - 110	2	35
2,3,4,6-Tetrachlorophenol	100	90.17		ug/L		90	32 - 142	9	35
Thionazin	44.8	38.74		ug/L		86	48 - 135	7	30
2,4,5-Trichlorophenol	100	88.16		ug/L		88	39 - 136	4	35
2,4,6-Trichlorophenol	100	93.14		ug/L		93	35 - 141	4	35
1,3,5-Trinitrobenzene	51.2	47.53		ug/L		93	26 - 150	5	29

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: LCS 310-473789/28-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 474377 — **Prep Batch: 473789**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016			27.9	18.05		ug/L		65	25 - 150		
PCB-1260			27.9	17.17		ug/L		62	14 - 150		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*45*		*10 - 150*
Tetrachloro-m-xylene (Surr)	*80*		*17 - 150*

Lab Sample ID: 310-320380-1 MS — **Client Sample ID: CRLCSWA2_Leachate_25_11**
Matrix: Wastewater — **Prep Type: Total/NA**
Analysis Batch: 474377 — **Prep Batch: 473789**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016	<0.782		26.7	16.27		ug/L		61	25 - 150		
PCB-1260	<0.658		26.7	12.48		ug/L		47	10 - 150		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*43*		*10 - 150*
Tetrachloro-m-xylene (Surr)	*65*		*17 - 150*

Lab Sample ID: 310-320380-1 MSD — **Client Sample ID: CRLCSWA2_Leachate_25_11**
Matrix: Wastewater — **Prep Type: Total/NA**
Analysis Batch: 474377 — **Prep Batch: 473789**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016	<0.782		26.7	16.80		ug/L		63	25 - 150	3	35
PCB-1260	<0.658		26.7	13.66		ug/L		51	10 - 150	9	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*41*		*10 - 150*
Tetrachloro-m-xylene (Surr)	*67*		*17 - 150*

Method: 8151A - Herbicides (GC)

Lab Sample ID: LB 500-843175/1-F — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 843799 — **Prep Batch: 843597**

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	<3.15		25.0	3.15	ug/L		11/18/25 07:09	11/18/25 17:58	1
Silvex (2,4,5-TP)	<2.63		25.0	2.63	ug/L		11/18/25 07:09	11/18/25 17:58	1
2,4,5-T	<3.50		25.0	3.50	ug/L		11/18/25 07:09	11/18/25 17:58	1

Surrogate	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCAA	*95*		*25 - 130*	*11/18/25 07:09*	*11/18/25 17:58*	*1*

Method: 8151A - Herbicides (GC) (Continued)

Lab Sample ID: MB 500-843597/1-A
Matrix: Water
Analysis Batch: 843799

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 843597

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	<0.126		1.00	0.126	ug/L		11/18/25 07:09	11/18/25 17:04	1
Silvex (2,4,5-TP)	<0.105		1.00	0.105	ug/L		11/18/25 07:09	11/18/25 17:04	1
2,4,5-T	<0.140		1.00	0.140	ug/L		11/18/25 07:09	11/18/25 17:04	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCAA	*100*		*25 - 130*	*11/18/25 07:09*	*11/18/25 17:04*	*1*

Lab Sample ID: LCS 500-843597/2-A
Matrix: Water
Analysis Batch: 843799

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 843597

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
2,4-D			10.0	9.422		ug/L		94	30 - 115		
Silvex (2,4,5-TP)			2.50	2.509		ug/L		100	32 - 115		
2,4,5-T			2.53	2.470		ug/L		98	30 - 115		

Surrogate			*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCAA			*109*		*25 - 130*

Lab Sample ID: LCSD 500-843597/3-A
Matrix: Water
Analysis Batch: 843799

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 843597

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4-D			10.0	10.44		ug/L		104	30 - 115	10	20
Silvex (2,4,5-TP)			2.50	2.791		ug/L		112	32 - 115	11	20
2,4,5-T			2.53	2.675		ug/L		106	30 - 115	8	20

Surrogate			*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCAA			*114*		*25 - 130*

Lab Sample ID: 310-320279-C-1-C MS
Matrix: Water
Analysis Batch: 843799

Client Sample ID: Matrix Spike
Prep Type: TCLP
Prep Batch: 843597

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
2,4-D	<3.15		250	214.3		ug/L		86	30 - 115		
Silvex (2,4,5-TP)	<2.63		62.5	60.71		ug/L		97	32 - 115		

Surrogate			*MS %Recovery*	*MS Qualifier*	*Limits*
DCAA			*94*		*25 - 130*

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 310-473632/1-A
Client Sample ID: Method Blank
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 474577
Prep Batch: 473632

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.000530		0.00200	0.000530	mg/L		11/17/25 08:30	11/24/25 01:21	1
Barium	<0.000660		0.00200	0.000660	mg/L		11/17/25 08:30	11/24/25 01:21	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		11/17/25 08:30	11/24/25 01:21	1
Chromium	<0.00180		0.00500	0.00180	mg/L		11/17/25 08:30	11/24/25 01:21	1
Copper	<0.00320		0.00500	0.00320	mg/L		11/17/25 08:30	11/24/25 01:21	1
Lead	<0.000330		0.000500	0.000330	mg/L		11/17/25 08:30	11/24/25 01:21	1
Nickel	<0.00230		0.00500	0.00230	mg/L		11/17/25 08:30	11/24/25 01:21	1
Selenium	<0.00140		0.00500	0.00140	mg/L		11/17/25 08:30	11/24/25 01:21	1
Silver	<0.000500		0.00100	0.000500	mg/L		11/17/25 08:30	11/24/25 01:21	1

Lab Sample ID: MB 310-473632/1-A
Client Sample ID: Method Blank
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 474730
Prep Batch: 473632

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	<0.0500		0.100	0.0500	mg/L		11/17/25 08:30	11/24/25 15:01	1
Magnesium	<0.150		0.500	0.150	mg/L		11/17/25 08:30	11/24/25 15:01	1
Potassium	<0.170		0.500	0.170	mg/L		11/17/25 08:30	11/24/25 15:01	1
Zinc	<0.0130		0.0200	0.0130	mg/L		11/17/25 08:30	11/24/25 15:01	1

Lab Sample ID: LCS 310-473632/2-A
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 474577
Prep Batch: 473632

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.200	0.1968		mg/L		98	80 - 120
Barium	0.100	0.09494		mg/L		95	80 - 120
Cadmium	0.100	0.09205		mg/L		92	80 - 120
Chromium	0.100	0.1010		mg/L		101	80 - 120
Copper	0.200	0.1987		mg/L		99	80 - 120
Lead	0.200	0.2073		mg/L		104	80 - 120
Nickel	0.200	0.1998		mg/L		100	80 - 120
Selenium	0.400	0.3744		mg/L		94	80 - 120

Lab Sample ID: LCS 310-473632/2-A
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 474730
Prep Batch: 473632

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Iron	0.200	0.2065		mg/L		103	80 - 120
Magnesium	2.00	1.985		mg/L		99	80 - 120
Potassium	2.00	2.047		mg/L		102	80 - 120
Zinc	0.200	0.2091		mg/L		105	80 - 120

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 310-320323-A-2-C MS — **Client Sample ID: Matrix Spike**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 474577 — **Prep Batch: 473632**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	<0.000530		0.200	0.1986		mg/L		99	75 - 125
Barium	0.0578		0.100	0.1496		mg/L		92	75 - 125
Cadmium	<0.000100		0.100	0.08199		mg/L		82	75 - 125
Chromium	<0.00180		0.100	0.09615		mg/L		96	75 - 125
Copper	0.0319		0.200	0.2178		mg/L		93	75 - 125
Lead	<0.000330		0.200	0.1810		mg/L		91	75 - 125
Nickel	<0.00230		0.200	0.1850		mg/L		92	75 - 125
Selenium	<0.00140		0.400	0.3742		mg/L		94	75 - 125
Silver	<0.000500	*+	0.100	0.1180		mg/L		118	75 - 125

Lab Sample ID: 310-320323-A-2-C MS — **Client Sample ID: Matrix Spike**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 474730 — **Prep Batch: 473632**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Iron	0.293	F1	0.200	0.5379		mg/L		122	75 - 125
Magnesium	139		2.00	145.5	4	mg/L		315	75 - 125
Potassium	42.7		2.00	46.31	4	mg/L		181	75 - 125
Zinc	0.0378	J	0.200	0.2270		mg/L		95	75 - 125

Lab Sample ID: 310-320323-A-2-D MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 474577 — **Prep Batch: 473632**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	<0.000530		0.200	0.2027		mg/L		101	75 - 125	2	20
Barium	0.0578		0.100	0.1529		mg/L		95	75 - 125	2	20
Cadmium	<0.000100		0.100	0.08498		mg/L		85	75 - 125	4	20
Chromium	<0.00180		0.100	0.09988		mg/L		100	75 - 125	4	20
Copper	0.0319		0.200	0.2220		mg/L		95	75 - 125	2	20
Lead	<0.000330		0.200	0.1896		mg/L		95	75 - 125	5	20
Nickel	<0.00230		0.200	0.1896		mg/L		95	75 - 125	2	20
Selenium	<0.00140		0.400	0.3825		mg/L		96	75 - 125	2	20
Silver	<0.000500	*+	0.100	0.1203		mg/L		120	75 - 125	2	20

Lab Sample ID: 310-320323-A-2-D MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 474730 — **Prep Batch: 473632**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Iron	0.293	F1	0.200	0.6378	F1	mg/L		172	75 - 125	17	20
Magnesium	139		2.00	149.2	4	mg/L		498	75 - 125	2	20
Potassium	42.7		2.00	46.99	4	mg/L		215	75 - 125	1	20
Zinc	0.0378	J	0.200	0.2398		mg/L		101	75 - 125	5	20

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 310-320337-A-2-B DU — **Client Sample ID: Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 474577 — **Prep Batch: 473632**

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Arsenic	<0.000530		<0.000530		mg/L		NC	20
Barium	0.106		0.1086		mg/L		2	20
Cadmium	<0.000100		<0.000100		mg/L		NC	20
Chromium	<0.00180		<0.00180		mg/L		NC	20
Copper	0.00346	J	0.003454	J	mg/L		0.1	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

Lab Sample ID: 310-320337-A-2-B DU — **Client Sample ID: Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 474730 — **Prep Batch: 473632**

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Iron	0.228		0.2261		mg/L		0.8	20
Magnesium	20.1		20.99		mg/L		4	20
Potassium	1.44		1.463		mg/L		2	20
Zinc	<0.0130		<0.0130		mg/L		NC	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 310-474245/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 474474 — **Prep Batch: 474245**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000110		0.000200	0.000110	mg/L		11/20/25 13:30	11/21/25 09:14	1

Lab Sample ID: LCS 310-474245/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 474474 — **Prep Batch: 474245**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00167	0.001623		mg/L		97	80 - 120

Lab Sample ID: 310-320324-B-1-F MS — **Client Sample ID: Matrix Spike**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 474474 — **Prep Batch: 474245**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.000110		0.00167	0.001695		mg/L		102	80 - 120

Lab Sample ID: 310-320324-B-1-G MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 474474 — **Prep Batch: 474245**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.000110		0.00167	0.001729		mg/L		104	80 - 120	2	20

Method: 2540E - Solids, Volatile and Fixed (VS)

Lab Sample ID: MB 310-473718/1
Matrix: Water
Analysis Batch: 473718

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

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Volatile Solids	<50.0		50.0	50.0	mg/L			11/13/25 10:03	1
Fixed Solids	<50.0		50.0	50.0	mg/L			11/13/25 10:03	1

Lab Sample ID: 310-320370-F-1 DU
Matrix: Water
Analysis Batch: 473718

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Volatile Solids	1510		1030	F3	mg/L		38	35
Fixed Solids	3880		4210		mg/L		8	35

Method: 350.1 - Nitrogen, Ammonia

Lab Sample ID: MB 310-474191/16
Matrix: Water
Analysis Batch: 474191

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia as N	<0.120		0.500	0.120	mg/L			11/19/25 11:45	1

Lab Sample ID: LCS 310-474191/17
Matrix: Water
Analysis Batch: 474191

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia as N	2.26	2.129		mg/L		94	90 - 110

Lab Sample ID: 310-320287-A-2 MS
Matrix: Water
Analysis Batch: 474191

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia as N	7.46	F1	2.50	9.470	F1	mg/L		80	90 - 110

Lab Sample ID: 310-320287-A-2 MSD
Matrix: Water
Analysis Batch: 474191

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ammonia as N	7.46	F1	2.50	9.500	F1	mg/L		82	90 - 110	0	20

Method: 351.2 - Nitrogen, Total Kjeldahl

Lab Sample ID: MB 310-473499/1-A
Matrix: Water
Analysis Batch: 473662

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 473499

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Kjeldahl Nitrogen	0.8127	J	1.00	0.620	mg/L		11/14/25 05:02	11/14/25 13:48	1

Method: 351.2 - Nitrogen, Total Kjeldahl (Continued)

Lab Sample ID: LCS 310-473499/2-A
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 473662
Prep Batch: 473499

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Kjeldahl Nitrogen			4.01	3.990		mg/L		100	90 - 110		

Lab Sample ID: 310-320409-A-1-B MS
Client Sample ID: Matrix Spike
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 473662
Prep Batch: 473499

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Kjeldahl Nitrogen	38.0	F1 B	20.0	55.40	F1	mg/L		87	90 - 110		

Lab Sample ID: 310-320409-A-1-C MSD
Client Sample ID: Matrix Spike Duplicate
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 473662
Prep Batch: 473499

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Kjeldahl Nitrogen	38.0	F1 B	20.0	59.13		mg/L		106	90 - 110	7	34

Method: 365.1 - Phosphorus, Ortho

Lab Sample ID: MB 310-473495/2-A
Client Sample ID: Method Blank
Matrix: Water
Prep Type: Dissolved
Analysis Batch: 473347

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Orthophosphate as P	<0.0300		0.100	0.0300	mg/L			11/12/25 18:52	1

Lab Sample ID: LCS 310-473495/1-A
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Dissolved
Analysis Batch: 473347

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Orthophosphate as P			1.78	1.745		mg/L		98	90 - 110		

Lab Sample ID: 310-320370-D-1-A MS
Client Sample ID: Matrix Spike
Matrix: Water
Prep Type: Dissolved
Analysis Batch: 473347

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Orthophosphate as P	1.66		0.399	2.140	E 4	mg/L		121	90 - 110		

Lab Sample ID: 310-320370-D-1-A MSD
Client Sample ID: Matrix Spike Duplicate
Matrix: Water
Prep Type: Dissolved
Analysis Batch: 473347

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Orthophosphate as P	1.66		0.399	2.253	E 4	mg/L		149	90 - 110	5	17

Method: 365.1 - Phosphorus, Total

Lab Sample ID: MB 310-474024/1-A
Client Sample ID: Method Blank
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 474177
Prep Batch: 474024

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Phosphorus as P	<0.0680		0.100	0.0680	mg/L		11/18/25 18:52	11/19/25 20:49	1
Phosphorus as PO4	<0.210		0.310	0.210	mg/L		11/18/25 18:52	11/19/25 20:49	1

Lab Sample ID: LCS 310-474024/2-A
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 474177
Prep Batch: 474024

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Phosphorus as P	0.999	0.9535		mg/L		95	90 - 110

Lab Sample ID: 310-320616-B-1-C MS
Client Sample ID: Matrix Spike
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 474177
Prep Batch: 474024

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Total Phosphorus as P	0.772		0.999	1.746		mg/L		98	90 - 110

Lab Sample ID: 310-320616-B-1-D MSD
Client Sample ID: Matrix Spike Duplicate
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 474177
Prep Batch: 474024

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Phosphorus as P	0.772		0.999	1.749		mg/L		98	90 - 110	0	14

Method: 9012B - Cyanide, Total andor Amenable

Lab Sample ID: MB 310-474244/1-A
Client Sample ID: Method Blank
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 474512
Prep Batch: 474244

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.00350		0.0100	0.00350	mg/L		11/20/25 08:45	11/21/25 23:45	1

Lab Sample ID: LCS 310-474244/2-A
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 474512
Prep Batch: 474244

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.200	0.1979		mg/L		99	90 - 110

Lab Sample ID: 310-320612-B-1-B MS
Client Sample ID: Matrix Spike
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 474512
Prep Batch: 474244

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	<0.00350		0.200	0.2003		mg/L		100	63 - 122

Method: 9012B - Cyanide, Total andor Amenable (Continued)

Lab Sample ID: 310-320612-B-1-C MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 474512 — **Prep Batch: 474244**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	<0.00350		0.200	0.2015		mg/L		101	63 - 122	1	35

Method: 9040C - pH

Lab Sample ID: 310-320370-F-1 DU — **Client Sample ID: Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 473282

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
pH	7.16		7.170		SU		0.1	20

Method: I-3765-85 - Residue, Non-filterable (TSS)

Lab Sample ID: MB 310-473409/1 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 473409

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	<3.50		5.00	3.50	mg/L			11/13/25 10:53	1

Lab Sample ID: LCS 310-473409/2 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 473409

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Suspended Solids	100	95.00		mg/L		95	82 - 117

Lab Sample ID: 310-320380-1 DU — **Client Sample ID: CRLCSWA2_Leachate_25_11**
Matrix: Wastewater — **Prep Type: Total/NA**
Analysis Batch: 473409

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Suspended Solids	22.7		23.33		mg/L		3	35

Method: SM 2540B - Solids, Total

Lab Sample ID: MB 310-473397/1 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 473397

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Solids	<45.0		50.0	45.0	mg/L			11/13/25 10:03	1

Lab Sample ID: LCS 310-473397/2 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 473397

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Solids	1000	1010		mg/L		101	89 - 118

Method: SM 2540B - Solids, Total (Continued)

Lab Sample ID: 310-320370-F-1 DU — **Client Sample ID: Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 473397

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Solids	5390		5240		mg/L		3	31

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 310-473902/1 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 473902

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<36.0		50.0	36.0	mg/L			11/18/25 10:07	1

Lab Sample ID: LCS 310-473902/25 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 473902

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	1000	1046		mg/L		105	89 - 110

Lab Sample ID: 310-320370-D-1 DU — **Client Sample ID: Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 473902

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	4620		4610		mg/L		0.2	13

Method: SM 3500 CR B - Chromium, Hexavalent

Lab Sample ID: MB 310-473495/2-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 473489

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium (VI)	<0.00690		0.0200	0.00690	mg/L			11/12/25 17:36	1

Lab Sample ID: LCS 310-473495/1-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 473489

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chromium (VI)	0.416	0.3743		mg/L		90	90 - 110

Lab Sample ID: 310-320370-D-1-A MS — **Client Sample ID: Matrix Spike**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 473496

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chromium (VI)	<0.00690	F1	0.100	<0.00690	F1	mg/L		0	47 - 131

Method: SM 3500 CR B - Chromium, Hexavalent (Continued)

Lab Sample ID: 310-320370-D-1-A MSD
Client Sample ID: Matrix Spike Duplicate
Matrix: Water
Prep Type: Dissolved
Analysis Batch: 473496

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chromium (VI)	<0.00690	F1	0.100	<0.00690	F1	mg/L		0	47 - 131	NC	35

Method: SM 4500 Cl- E - Chloride, Total

Lab Sample ID: MB 310-474003/16
Client Sample ID: Method Blank
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 474003

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<1.40		2.00	1.40	mg/L			11/18/25 12:59	1

Lab Sample ID: MB 310-474003/46
Client Sample ID: Method Blank
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 474003

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<1.40		2.00	1.40	mg/L			11/18/25 13:11	1

Lab Sample ID: LCS 310-474003/17
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 474003

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	10.40		mg/L		104	90 - 110

Lab Sample ID: LCS 310-474003/47
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 474003

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	10.19		mg/L		102	90 - 110

Lab Sample ID: 310-320249-B-5 MS
Client Sample ID: Matrix Spike
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 474003

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	504		100	558.5	4	mg/L		54	26 - 120

Lab Sample ID: 310-320249-B-5 MSD
Client Sample ID: Matrix Spike Duplicate
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 474003

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	504		100	554.8	4	mg/L		50	26 - 120	1	10

Method: SM 5210B - BOD, 5-Day

Lab Sample ID: USB 310-473352/1
Matrix: Water
Analysis Batch: 473352

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

Analyte	USB Result	USB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbonaceous Biochemical Oxygen Demand	<3.00		3.00	3.00	mg/L			11/13/25 05:54	1

Lab Sample ID: LCS 310-473352/2
Matrix: Water
Analysis Batch: 473352

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Carbonaceous Biochemical Oxygen Demand			198	203.2		mg/L		103	76 - 126		

Lab Sample ID: 310-320369-A-1 DU
Matrix: Water
Analysis Batch: 473352

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Carbonaceous Biochemical Oxygen Demand	9.94			11.69		mg/L				16	30

Method: SM 5220D - COD

Lab Sample ID: MB 310-474159/32
Matrix: Water
Analysis Batch: 474159

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chemical Oxygen Demand	<4.60		5.00	4.60	mg/L			11/19/25 14:45	1

Lab Sample ID: LCS 310-474159/33
Matrix: Water
Analysis Batch: 474159

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chemical Oxygen Demand			62.7	59.40		mg/L		95	85 - 115		

Lab Sample ID: 310-320340-A-2 MS
Matrix: Water
Analysis Batch: 474159

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chemical Oxygen Demand	1160		1000	2175		mg/L		101	84 - 141		

Lab Sample ID: 310-320340-A-2 MSD
Matrix: Water
Analysis Batch: 474159

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chemical Oxygen Demand	1160		1000	2414		mg/L		125	84 - 141	10	14

GC/MS VOA

Analysis Batch: 473627

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-320380-1	CRLCSWA2_Leachate_25_11	Total/NA	Wastewater	8260D	
MB 310-473627/5	Method Blank	Total/NA	Water	8260D	
LCS 310-473627/6	Lab Control Sample	Total/NA	Water	8260D	
LCS 310-473627/7	Lab Control Sample	Total/NA	Water	8260D	
310-320388-D-4 MS	Matrix Spike	Total/NA	Water	8260D	
310-320388-D-4 MSD	Matrix Spike Duplicate	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 473723

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-320380-1	CRLCSWA2_Leachate_25_11	Total/NA	Wastewater	3510C	
MB 310-473723/1-A	Method Blank	Total/NA	Water	3510C	
LCS 310-473723/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 310-473723/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 473905

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-320380-1	CRLCSWA2_Leachate_25_11	Total/NA	Wastewater	8270E	473723
MB 310-473723/1-A	Method Blank	Total/NA	Water	8270E	473723
LCS 310-473723/2-A	Lab Control Sample	Total/NA	Water	8270E	473723
LCSD 310-473723/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	473723

Analysis Batch: 474293

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-320380-1	CRLCSWA2_Leachate_25_11	Total/NA	Wastewater	8270E	473723
MB 310-473723/1-A	Method Blank	Total/NA	Water	8270E	473723
LCS 310-473723/2-A	Lab Control Sample	Total/NA	Water	8270E	473723
LCSD 310-473723/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	473723

GC Semi VOA

Prep Batch: 473789

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-320380-1	CRLCSWA2_Leachate_25_11	Total/NA	Wastewater	3511	
LCS 310-473789/28-A	Lab Control Sample	Total/NA	Water	3511	
310-320380-1 MS	CRLCSWA2_Leachate_25_11	Total/NA	Wastewater	3511	
310-320380-1 MSD	CRLCSWA2_Leachate_25_11	Total/NA	Wastewater	3511	

Analysis Batch: 474376

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-320380-1	CRLCSWA2_Leachate_25_11	Total/NA	Wastewater	8081B	473789

Analysis Batch: 474377

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-320380-1	CRLCSWA2_Leachate_25_11	Total/NA	Wastewater	8082A	473789
LCS 310-473789/28-A	Lab Control Sample	Total/NA	Water	8082A	473789
310-320380-1 MS	CRLCSWA2_Leachate_25_11	Total/NA	Wastewater	8082A	473789
310-320380-1 MSD	CRLCSWA2_Leachate_25_11	Total/NA	Wastewater	8082A	473789

GC Semi VOA

Leach Batch: 843175

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 500-843175/1-F	Method Blank	Total/NA	Water	1311	
310-320279-C-1-C MS	Matrix Spike	TCLP	Water	1311	

Prep Batch: 843597

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-320380-1	CRLCSWA2_Leachate_25_11	Total/NA	Wastewater	8151A	
LB 500-843175/1-F	Method Blank	Total/NA	Water	8151A	843175
MB 500-843597/1-A	Method Blank	Total/NA	Water	8151A	
LCS 500-843597/2-A	Lab Control Sample	Total/NA	Water	8151A	
LCSD 500-843597/3-A	Lab Control Sample Dup	Total/NA	Water	8151A	
310-320279-C-1-C MS	Matrix Spike	TCLP	Water	8151A	843175

Analysis Batch: 843799

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-320380-1	CRLCSWA2_Leachate_25_11	Total/NA	Wastewater	8151A	843597
LB 500-843175/1-F	Method Blank	Total/NA	Water	8151A	843597
MB 500-843597/1-A	Method Blank	Total/NA	Water	8151A	843597
LCS 500-843597/2-A	Lab Control Sample	Total/NA	Water	8151A	843597
LCSD 500-843597/3-A	Lab Control Sample Dup	Total/NA	Water	8151A	843597
310-320279-C-1-C MS	Matrix Spike	TCLP	Water	8151A	843597

Metals

Prep Batch: 473632

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-320380-1	CRLCSWA2_Leachate_25_11	Total/NA	Wastewater	3005A	
MB 310-473632/1-A	Method Blank	Total/NA	Water	3005A	
LCS 310-473632/2-A	Lab Control Sample	Total/NA	Water	3005A	
310-320323-A-2-C MS	Matrix Spike	Total/NA	Water	3005A	
310-320323-A-2-D MSD	Matrix Spike Duplicate	Total/NA	Water	3005A	
310-320337-A-2-B DU	Duplicate	Total/NA	Water	3005A	

Prep Batch: 474245

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-320380-1	CRLCSWA2_Leachate_25_11	Total/NA	Wastewater	7470A	
MB 310-474245/1-A	Method Blank	Total/NA	Water	7470A	
LCS 310-474245/2-A	Lab Control Sample	Total/NA	Water	7470A	
310-320324-B-1-F MS	Matrix Spike	Total/NA	Water	7470A	
310-320324-B-1-G MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 474474

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-320380-1	CRLCSWA2_Leachate_25_11	Total/NA	Wastewater	7470A	474245
MB 310-474245/1-A	Method Blank	Total/NA	Water	7470A	474245
LCS 310-474245/2-A	Lab Control Sample	Total/NA	Water	7470A	474245
310-320324-B-1-F MS	Matrix Spike	Total/NA	Water	7470A	474245
310-320324-B-1-G MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	474245

Analysis Batch: 474577

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-320380-1	CRLCSWA2_Leachate_25_11	Total/NA	Wastewater	6020B	473632

Metals (Continued)

Analysis Batch: 474577 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 310-473632/1-A	Method Blank	Total/NA	Water	6020B	473632
LCS 310-473632/2-A	Lab Control Sample	Total/NA	Water	6020B	473632
310-320323-A-2-C MS	Matrix Spike	Total/NA	Water	6020B	473632
310-320323-A-2-D MSD	Matrix Spike Duplicate	Total/NA	Water	6020B	473632
310-320337-A-2-B DU	Duplicate	Total/NA	Water	6020B	473632

Analysis Batch: 474730

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-320380-1	CRLCSWA2_Leachate_25_11	Total/NA	Wastewater	6020B	473632
310-320380-1	CRLCSWA2_Leachate_25_11	Total/NA	Wastewater	6020B	473632
MB 310-473632/1-A	Method Blank	Total/NA	Water	6020B	473632
LCS 310-473632/2-A	Lab Control Sample	Total/NA	Water	6020B	473632
310-320323-A-2-C MS	Matrix Spike	Total/NA	Water	6020B	473632
310-320323-A-2-D MSD	Matrix Spike Duplicate	Total/NA	Water	6020B	473632
310-320337-A-2-B DU	Duplicate	Total/NA	Water	6020B	473632

General Chemistry

Analysis Batch: 473282

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-320380-1	CRLCSWA2_Leachate_25_11	Total/NA	Wastewater	9040C	
LCS 310-473282/41	Lab Control Sample	Total/NA	Water	9040C	
310-320370-F-1 DU	Duplicate	Total/NA	Water	9040C	

Analysis Batch: 473347

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-320380-1	CRLCSWA2_Leachate_25_11	Dissolved	Wastewater	365.1	473495
MB 310-473495/2-A	Method Blank	Dissolved	Water	365.1	473495
LCS 310-473495/1-A	Lab Control Sample	Dissolved	Water	365.1	473495
310-320370-D-1-A MS	Matrix Spike	Dissolved	Water	365.1	473495
310-320370-D-1-A MSD	Matrix Spike Duplicate	Dissolved	Water	365.1	473495

Analysis Batch: 473352

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-320380-1	CRLCSWA2_Leachate_25_11	Total/NA	Wastewater	SM 5210B	
USB 310-473352/1	Method Blank	Total/NA	Water	SM 5210B	
LCS 310-473352/2	Lab Control Sample	Total/NA	Water	SM 5210B	
310-320369-A-1 DU	Duplicate	Total/NA	Water	SM 5210B	

Analysis Batch: 473397

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-320380-1	CRLCSWA2_Leachate_25_11	Total/NA	Wastewater	SM 2540B	
MB 310-473397/1	Method Blank	Total/NA	Water	SM 2540B	
LCS 310-473397/2	Lab Control Sample	Total/NA	Water	SM 2540B	
310-320370-F-1 DU	Duplicate	Total/NA	Water	SM 2540B	

Analysis Batch: 473409

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-320380-1	CRLCSWA2_Leachate_25_11	Total/NA	Wastewater	I-3765-85	
MB 310-473409/1	Method Blank	Total/NA	Water	I-3765-85	
LCS 310-473409/2	Lab Control Sample	Total/NA	Water	I-3765-85	

General Chemistry (Continued)

Analysis Batch: 473409 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-320380-1 DU	CRLCSWA2_Leachate_25_11	Total/NA	Wastewater	I-3765-85	

Analysis Batch: 473489

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 310-473495/2-A	Method Blank	Dissolved	Water	SM 3500 CR B	473495
LCS 310-473495/1-A	Lab Control Sample	Dissolved	Water	SM 3500 CR B	473495

Filtration Batch: 473495

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-320380-1	CRLCSWA2_Leachate_25_11	Dissolved	Wastewater	Filtration	
MB 310-473495/2-A	Method Blank	Dissolved	Water	Filtration	
LCS 310-473495/1-A	Lab Control Sample	Dissolved	Water	Filtration	
310-320370-D-1-A MS	Matrix Spike	Dissolved	Water	Filtration	
310-320370-D-1-A MSD	Matrix Spike Duplicate	Dissolved	Water	Filtration	

Analysis Batch: 473496

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-320380-1	CRLCSWA2_Leachate_25_11	Dissolved	Wastewater	SM 3500 CR B	473495
310-320370-D-1-A MS	Matrix Spike	Dissolved	Water	SM 3500 CR B	473495
310-320370-D-1-A MSD	Matrix Spike Duplicate	Dissolved	Water	SM 3500 CR B	473495

Prep Batch: 473499

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-320380-1	CRLCSWA2_Leachate_25_11	Total/NA	Wastewater	351.2	
MB 310-473499/1-A	Method Blank	Total/NA	Water	351.2	
LCS 310-473499/2-A	Lab Control Sample	Total/NA	Water	351.2	
310-320409-A-1-B MS	Matrix Spike	Total/NA	Water	351.2	
310-320409-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	351.2	

Analysis Batch: 473662

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-320380-1	CRLCSWA2_Leachate_25_11	Total/NA	Wastewater	351.2	473499
MB 310-473499/1-A	Method Blank	Total/NA	Water	351.2	473499
LCS 310-473499/2-A	Lab Control Sample	Total/NA	Water	351.2	473499
310-320409-A-1-B MS	Matrix Spike	Total/NA	Water	351.2	473499
310-320409-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	351.2	473499

Analysis Batch: 473718

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-320380-1	CRLCSWA2_Leachate_25_11	Total/NA	Wastewater	2540E	
MB 310-473718/1	Method Blank	Total/NA	Water	2540E	
310-320370-F-1 DU	Duplicate	Total/NA	Water	2540E	

Analysis Batch: 473805

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-320380-1	CRLCSWA2_Leachate_25_11	Total/NA	Wastewater	353.2	

Analysis Batch: 473902

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-320380-1	CRLCSWA2_Leachate_25_11	Total/NA	Wastewater	SM 2540C	
MB 310-473902/1	Method Blank	Total/NA	Water	SM 2540C	

General Chemistry (Continued)

Analysis Batch: 473902 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 310-473902/25	Lab Control Sample	Total/NA	Water	SM 2540C	
310-320370-D-1 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 474003

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-320380-1	CRLCSWA2_Leachate_25_11	Total/NA	Wastewater	SM 4500 Cl- E	
MB 310-474003/16	Method Blank	Total/NA	Water	SM 4500 Cl- E	
MB 310-474003/46	Method Blank	Total/NA	Water	SM 4500 Cl- E	
LCS 310-474003/17	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
LCS 310-474003/47	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
310-320249-B-5 MS	Matrix Spike	Total/NA	Water	SM 4500 Cl- E	
310-320249-B-5 MSD	Matrix Spike Duplicate	Total/NA	Water	SM 4500 Cl- E	

Prep Batch: 474024

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-320380-1	CRLCSWA2_Leachate_25_11	Total/NA	Wastewater	365.2/365.3/365	
MB 310-474024/1-A	Method Blank	Total/NA	Water	365.2/365.3/365	
LCS 310-474024/2-A	Lab Control Sample	Total/NA	Water	365.2/365.3/365	
310-320616-B-1-C MS	Matrix Spike	Total/NA	Water	365.2/365.3/365	
310-320616-B-1-D MSD	Matrix Spike Duplicate	Total/NA	Water	365.2/365.3/365	

Analysis Batch: 474159

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-320380-1	CRLCSWA2_Leachate_25_11	Total/NA	Wastewater	SM 5220D	
MB 310-474159/32	Method Blank	Total/NA	Water	SM 5220D	
LCS 310-474159/33	Lab Control Sample	Total/NA	Water	SM 5220D	
310-320340-A-2 MS	Matrix Spike	Total/NA	Water	SM 5220D	
310-320340-A-2 MSD	Matrix Spike Duplicate	Total/NA	Water	SM 5220D	

Analysis Batch: 474177

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-320380-1	CRLCSWA2_Leachate_25_11	Total/NA	Wastewater	365.1	474024
MB 310-474024/1-A	Method Blank	Total/NA	Water	365.1	474024
LCS 310-474024/2-A	Lab Control Sample	Total/NA	Water	365.1	474024
310-320616-B-1-C MS	Matrix Spike	Total/NA	Water	365.1	474024
310-320616-B-1-D MSD	Matrix Spike Duplicate	Total/NA	Water	365.1	474024

Analysis Batch: 474191

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-320380-1	CRLCSWA2_Leachate_25_11	Total/NA	Wastewater	350.1	
MB 310-474191/16	Method Blank	Total/NA	Water	350.1	
LCS 310-474191/17	Lab Control Sample	Total/NA	Water	350.1	
310-320287-A-2 MS	Matrix Spike	Total/NA	Water	350.1	
310-320287-A-2 MSD	Matrix Spike Duplicate	Total/NA	Water	350.1	

Prep Batch: 474244

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-320380-1	CRLCSWA2_Leachate_25_11	Total/NA	Wastewater	9012B	
MB 310-474244/1-A	Method Blank	Total/NA	Water	9012B	
LCS 310-474244/2-A	Lab Control Sample	Total/NA	Water	9012B	
310-320612-B-1-B MS	Matrix Spike	Total/NA	Water	9012B	

General Chemistry (Continued)

Prep Batch: 474244 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-320612-B-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	9012B	

Analysis Batch: 474512

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-320380-1	CRLCSWA2_Leachate_25_11	Total/NA	Wastewater	9012B	474244
MB 310-474244/1-A	Method Blank	Total/NA	Water	9012B	474244
LCS 310-474244/2-A	Lab Control Sample	Total/NA	Water	9012B	474244
310-320612-B-1-B MS	Matrix Spike	Total/NA	Water	9012B	474244
310-320612-B-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	9012B	474244

Lab Chronicle

Client: Foth Infrastructure & Environment, LLC
Job ID: 310-320380-1
Project/Site: CRLCSWA 2 _ Leachate

Client Sample ID: CRLCSWA2_Leachate_25_11
Lab Sample ID: 310-320380-1
Date Collected: 11/12/25 09:30
Matrix: Wastewater
Date Received: 11/12/25 16:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	473627	FE5V	EET CF	11/15/25 09:33
Total/NA	Prep	3510C			473723	J5BR	EET CF	11/17/25 07:50
Total/NA	Analysis	8270E		1	474293	V7YZ	EET CF	11/20/25 23:38
Total/NA	Prep	3510C			473723	J5BR	EET CF	11/17/25 07:50
Total/NA	Analysis	8270E		1	473905	V7YZ	EET CF	11/18/25 22:09
Total/NA	Prep	3511			473789	BW2O	EET CF	11/17/25 12:51
Total/NA	Analysis	8081B		1	474376	BW2O	EET CF	11/21/25 16:33
Total/NA	Prep	3511			473789	BW2O	EET CF	11/17/25 12:51
Total/NA	Analysis	8082A		1	474377	BW2O	EET CF	11/21/25 16:33
Total/NA	Prep	8151A			843597	CI	EET CHI	11/18/25 07:09
Total/NA	Analysis	8151A		1	843799	H7CM	EET CHI	11/18/25 20:56
Total/NA	Prep	3005A			473632	RLT9	EET CF	11/17/25 08:30
Total/NA	Analysis	6020B		1	474577	ZRI4	EET CF	11/24/25 02:31
Total/NA	Prep	3005A			473632	RLT9	EET CF	11/17/25 08:30
Total/NA	Analysis	6020B		1	474730	NFT2	EET CF	11/24/25 16:02
Total/NA	Prep	3005A			473632	RLT9	EET CF	11/17/25 08:30
Total/NA	Analysis	6020B		4	474730	NFT2	EET CF	11/24/25 16:05
Total/NA	Prep	7470A			474245	RLT9	EET CF	11/20/25 13:30
Total/NA	Analysis	7470A		1	474474	RLT9	EET CF	11/21/25 09:35
Total/NA	Analysis	2540E		1	473718	DGU1	EET CF	11/13/25 10:03
Total/NA	Analysis	350.1		100	474191	WZC8	EET CF	11/19/25 13:39
Total/NA	Prep	351.2			473499	W9YR	EET CF	11/14/25 05:02
Total/NA	Analysis	351.2		10	473662	ENB7	EET CF	11/14/25 14:44
Total/NA	Analysis	353.2		1	473805	HE7K	EET CF	11/12/25 18:29
Dissolved	Filtration	Filtration			473495	ZJX4	EET CF	11/12/25 17:00
Dissolved	Analysis	365.1		1	473347	ZJX4	EET CF	11/12/25 18:53
Total/NA	Prep	365.2/365.3/365			474024	T5AC	EET CF	11/18/25 18:52
Total/NA	Analysis	365.1		1	474177	ZJX4	EET CF	11/19/25 20:56
Total/NA	Prep	9012B			474244	ENB7	EET CF	11/20/25 08:45
Total/NA	Analysis	9012B		1	474512	ZJX4	EET CF	11/21/25 23:56
Total/NA	Analysis	9040C		1	473282	W9YR	EET CF	11/12/25 18:01
Total/NA	Analysis	I-3765-85		1	473409	DGU1	EET CF	11/13/25 10:53
Total/NA	Analysis	SM 2540B		1	473397	DGU1	EET CF	11/13/25 10:03
Total/NA	Analysis	SM 2540C		1	473902	TGN5	EET CF	11/18/25 10:07
Dissolved	Filtration	Filtration			473495	ZJX4	EET CF	11/12/25 17:00
Dissolved	Analysis	SM 3500 CR B		1	473496	ZJX4	EET CF	11/12/25 17:37
Total/NA	Analysis	SM 4500 Cl- E		10	474003	WZC8	EET CF	11/18/25 13:32
Total/NA	Analysis	SM 5210B		1	473352	W9YR	EET CF	11/13/25 06:31
Total/NA	Analysis	SM 5220D		50	474159	ENB7	EET CF	11/19/25 14:45

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: 310-320380-1
Project/Site: CRLCSWA 2 _ 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
2540E		Wastewater	Fixed Solids
365.1	365.2/365.3/365	Wastewater	Phosphorus as PO4
8082A	3511	Wastewater	PCB-1268
8260D		Wastewater	1,2,3-Trichlorobenzene
8260D		Wastewater	1,2,4-Trichlorobenzene
8260D		Wastewater	2-Chloroethyl vinyl ether
8260D		Wastewater	Bromobenzene
8260D		Wastewater	Hexane
8260D		Wastewater	p-Isopropyltoluene
8260D		Wastewater	sec-Butylbenzene
8260D		Wastewater	tert-Butylbenzene
8270E	3510C	Wastewater	Benzoic acid
8270E	3510C	Wastewater	Pyridine

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	Wastewater	2,4,5-T

Method Summary

Client: Foth Infrastructure & Environment, LLC
Job ID: 310-320380-1
Project/Site: CRLCSWA 2 _ Leachate

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
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET CF
8151A	Herbicides (GC)	SW846	EET CHI
6020B	Metals (ICP/MS)	SW846	EET CF
7470A	Mercury (CVAA)	SW846	EET CF
2540E	Solids, Volatile and Fixed (VS)	SM	EET CF
350.1	Nitrogen, Ammonia	EPA	EET CF
351.2	Nitrogen, Total Kjeldahl	EPA	EET CF
353.2	Nitrogen, Nitrate (Calculation)	EPA	EET CF
365.1	Phosphorus, Ortho	EPA	EET CF
365.1	Phosphorus, Total	EPA	EET CF
9012B	Cyanide, Total andor Amenable	SW846	EET CF
9040C	pH	SW846	EET CF
I-3765-85	Residue, Non-filterable (TSS)	USGS	EET CF
SM 2540B	Solids, Total	SM	EET CF
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET CF
SM 3500 CR B	Chromium, Hexavalent	SM	EET CF
SM 4500 Cl- E	Chloride, Total	SM	EET CF
SM 5210B	BOD, 5-Day	SM	EET CF
SM 5220D	COD	SM	EET CF
3005A	Preparation, Total Metals	SW846	EET CF
351.2	Nitrogen, Total Kjeldahl	EPA	EET CF
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET CF
3511	Microextraction of Organic Compounds	SW846	EET CF
365.2/365.3/365	Phosphorus, Total	EPA	EET CF
5030B	Purge and Trap	SW846	EET CF
7470A	Preparation, Mercury	SW846	EET CF
8151A	Extraction (Herbicides)	SW846	EET CHI
9012B	Cyanide, Total and/or Amenable, Distillation	SW846	EET CF
Filtration	Sample Filtration	None	EET CF

Protocol References:

EPA = US Environmental Protection Agency

None = None

SM = "Standard Methods For The Examination Of Water And Wastewater"

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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310-320380 Chain of Custody

Cooler/Sample Receipt and Temperature Log Form

Client Information

Client: Foth I+E

City/State: CITY | STATE | Project

Receipt Information

Date/Time Received: DATE 11/12/25 | TIME 1630 | Received By: J

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: BB | 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): 4.6 | Corrected Temp (°C) 4.6

• 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

52365 eurofins | Environment Testing America

TAL-8210

Address

Regulatory Program: ☐ DW ☐ NPDES

Client Contact	Project Manager: Gina Williams / Pinks	Site Contact:	Date: 11/12/25	COC No →
Company Name Foth I + E	Tel/Email: Gina.Williams@foth.com	Lab Contact: Connor	Carrier: Eurofins Courier	1 of 1 COCs
Address 411 6th Ave SE STE 400	Analysis Turnaround Time			Sampler: Randy Gavin
City/State/Zip Cedar Rapids, IA 52401	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone 319-365-9565	TAT if different from Below ______			Walk-in Client:
Fax. 319-365-9631	☐ 2 weeks			Lab Sampling
Project Name CRLCSWA 2 _ Leachate	☐ 1 week			
Site. CRLCSWA 2 MARION, IA	☐ 2 days			Job / SDG No
P O # 25C051.00	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)		Sample Specific Notes:
CRLCSWA 2 _ Leachate _ 25 - H	11/12/25	9:30	G	WW	17	N	N	SEE ATTACHED Parameter Sheets	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for ______ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No | Cooler Temp (°C) Obs'd ______ Corr'd ______ Therm ID No ______

Relinquished by	Company	Date/Time	Received by	Company	Date/Time:
	O. A. TECH SVCS	11/12/25 12:30			
	Company	Date/Time	Received by	Company	Date/Time
		Date/Time	Received in Laboratory by	Company	

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310-320380 Chain of Custody

Cooler/Sample Receipt and Temperature Log Form

Client Information

Client. Fort F+E

City/State. CITY | STATE | Project.

Receipt Information

Date/Time Received: DATE 11/12/25 | TIME 1630 | Received By: J

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: B3 | 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) 4.6 | Corrected Temp (°C). 4.6

• 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

Chain of Custody Record

652365

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TAL-8210

Address ______________________

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

Client Contact	Project Manager: Gina Wilmes/Dibbs	Site Contact: Randy Gavin	Date: 11/12/25	COC No —
Company Name. Foth I + E	Tel/Email: Gina.Wilmes@foth.com	Lab Contact: Connor	Carrier: Eurofins Courier	1 of 1 COCs
Address 411 6th Ave SE STE 400	Analysis Turnaround Time			Sampler: Randy Gavin
City/State/Zip Cedar Rapids, IA 52401	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone 319-365-9565	TAT if different from Below ______			Walk-in Client:
Fax: 319-365-9631	☐ 2 weeks			Lab Sampling
Project Name. CRLCSWA 2 _ Leachate	☐ 1 week			
Site CRLCSWA 2 MARION, IA	☐ 2 days			Job / SDG No
P O # 25C051.00	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)		Sample Specific Notes.
CRLCSWA 2 _ Leachate_25-H	11/12/25	9:30	G	WW	17	N	N	SEE ATTACHED Parameter Sheets	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other ______

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for ______ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No | Cooler Temp (°C) Obs'd ______ Corr'd ______ Therm ID No ______

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time
[signature]	O.A. Tech Svcs	11/12/25 12:30			
Relinquished by:	Company:	Date/Time.	Received by:	Company:	Date/Time
Relinquished by:	Company:	Date/Time	Received in Laboratory by:	Company:	D
			[signature]		

STATE OF IOWA

TERRY E. BRANSTAD, GOVERNOR

DEPARTMENT OF NATURAL RESOURCES
LARRY J. WILSON, DIRECTOR

EXHIBIT B

SANITARY LANDFILL LEACHATE SAMPLING GUIDELINE 10-26-93

Legend: * = TCLP Test Parameter
Parameters per IAC 103.2(4)

1. Conventional Pollutants

Method of Analysis: EPA SW-846

Carbonaceous Biochemical Oxygen Demand
Chemical Oxygen Demand
Ammonia Nitrogen
Nitrate as NO_3^-
Total Kjeldahl Nitrogen
Chloride
pH
Phosphate (Total)
Phosphorus
Total Dissolved Solids
Total Suspended Solids
Total Volatile Solids

2. Total Metals

Method of Analysis: EPA SW-846

**Arsenic*
**Barium*
**Cadmium*
**Chromium*
Chromium +6
Copper
Cyanide
Iron
**Lead*
Magnesium
**Mercury*
Nickel
Potassium
**Selenium*
**Silver*
Zinc

3. Volatile Compounds

Method of Analysis: EPA Wastewater Method 624 or EPA SW-846

**Benzene*
Bromodichloromethane
Bromoform

WALLACE STATE OFFICE BUILDING / DES MOINES, IOWA 50319 / 515-281-5145 / TDD 515-242-5967 / FAX 515-281-8895

Bromomethane (methyl bromide)
*Carbon Tetrachloride
*Chlorobenzene
Chloroethane (ethyl chloride)
2-Chloroethyl Vinyl Ether
*Chloroform
Chloromethane (methyl chloride)
Dibromochloromethane
1,1-Dichloroethane
*1,2-Dichloroethane
*1,1-Dichloroethene (1,1-dichloroethylene)
1,2-Dichloroethene (1,2-dichloroethylene)
1,2-Dichloropropane
1,3-Dichloropropene (1,3-dichloropropylene)
Ethyl Benzene
*Methyl Ethyl Ketone
Methylene Chloride (dichloromethane)
*Pyridine
Toluene
1,1,2,2-Tetrachloroethane
*Tetrachloroethene (tetrachloroethylene)
1,1,1-Trichloroethane (methyl chloroform)
1,1,2-Trichloroethane
*Trichloroethene (trichloroethylene)
*Vinyl Chloride
Xylenes (Total)

4. Chlorinated Hydrocarbon Pesticides

Method of Analysis: EPA Wastewater Method 608 or EPA SW-846

Aldrin
Alpha-BHC
Beta-BHC
Delta-BHC
*Gamma-BHC (Lindane)
*Chlordane
*2,4,-D
4,4'-DDE
4,4'-DDD
4,4'DDT
Dieldrin
Endosulfan I
Endosulfan II
Endosulfan Sulfate
*Endrin
Endrin Aldehyde
*Heptachlor
Heptachlor Epoxide
*Methoxychlor
*Toxaphene
*2,4,5-TP (Silvex)

5. Polychlorinated Biphenyl Mixtures

Method of Analysis: EPA Wastewater Method 608 or EPA SW-846

Arochlor®-1016
Arochlor®-1221
Arochlor®-1232
Arochlor®-1242
Arochlor®-1248
Arochlor®-1254
Arochlor®-1260

Polychlorinated Biphenyls (PCB's) (Total)

6. Acid Fraction

Method of Analysis: EPA Wastewater Method 625 or EPA SW-846

Benzoic Acid
2-Chlorophenol
4-Chloro-3-Methylphenol (p-chloro-m-cresol)
2,4-Dichlorophenol
2,4-Dimethylphenol (xylenol)
2,4-Dinitrophenol
4,6-Dinitrophenol
4,6-Dinitro-2-Methylphenol
*2-Methylphenol (o-cresol)
*3-Methylphenol (m-cresol)
*4-Methylphenol (p-cresol)
*Cresols (Total)
2-Nitrophenol
4-Nitrophenol
*Pentachlorophenol
*2,4,5-Trichlorophenol
*2,4,6-Trichlorophenol

7. Base/Neutral Fraction

Method of Analysis: EPA Wastewater Method 625 or EPA SW-846

Acenaphthalyene
Acenaphthene
Anthracene
Benz (a) Anthracene
Benzo (a) Pyrene
Benzo (b) Fluoranthene
Benzo (k) Fluoranthene

Benzo (g,h,i) Perylene
Benzyl Alcohol
Bis (2-Chloroethoxy) methane
Bis (2-Chloroethyl) ether
Bis (2-Chloroisopropyl) ether
Bis (2-Ethylhexyl) Phthalate
4-Bromophenyl Phenyl Ether
Butyl Benzyl Phthalate
4-Chloroanaline
2-Chloronaphthalene
4-Chlorophenyl Phenyl Ether
Chrysene
Dibenz (ah) Anthracene
Dibenzofuran
Di-n-Butyl-Phthalate
Di-n-Octyl Phthalate
1,2-Dichlorobenzene
1,3-Dichlorobenzene
*1,4-Dichlorobenzene
3,3'-Dichlorobenzidine
Diethyl Phthalate
Dimethyl Phthalate
*2,4-Dinitrotoluene
2,6-Dinitrotoluene
Fluoranthene
Fluorene
*Hexachlorobenzene
*Hexachlorobutadiene (Hexachloro-1,3-butadiene)
*Hexachloroethane
Hexachlorocyclopentadiene
Indeno (1,2,3-cd) Pyrene
Isophorone
2-Methylnaphthalene
Naphthalene
2-Nitroanaline
3-Nitroanaline
4-Nitroanaline
*Nitrobenzene
N-Nitroso-Dipropylamine
N-Nitrosodiphenylamine
Phenanthrene
Pyrene
1,2,4-Trichlorobenzene

Polynuclear Aromatic Hydrocarbons (PAH's) (Total)

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310-320380 Chain of Custody

Cooler/Sample Receipt and Temperature Log Form

Client Information

Client. Fort I+E

City/State. CITY | STATE | Project.

Receipt Information

Date/Time Received: DATE 11/12/25 | TIME 1630 | Received By: J

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: B3 | 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) 4.6 | Corrected Temp (°C). 4.6

• 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

Chain of Custody Record

652365 eurofins | Environment Testing America

Address ______________________

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TAL-8210

Client Contact		
Company Name: Foth I + E	Project Manager: Gina Wilming / Dubis	Site Contact: Randy Gavin
Address: 411 6th Ave SE STE 400	Tel/Email: Gina.Wilming@foth.com	Lab Contact: Connor
City/State/Zip: Cedar Rapids, IA 52401	Analysis Turnaround Time: ☐ CALENDAR DAYS ☐ WORKING DAYS	Date: 11/12/25
Phone: 319-365-9565	TAT if different from Below ______	Carrier: Eurofins Courier
Fax: 319-365-9631	☐ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day	COC No —
Project Name: CRLCSWA 2 _ Leachate		1 of 1 COCs
Site: CRLCSWA 2 MARION, IA		Sampler: Randy Gavin
P O # 25C051.00		For Lab Use Only: Walk-in Client: Lab Sampling: Job / SDG No

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Analyses	Sample Specific Notes.
CRLCSWA 2 _ Leachate_25-H	11/12/25	9:30	G	WW	17	N	N	SEE ATTACHED Parameter Sheets	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other ______

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for ______ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No | Cooler Temp (°C) Obs'd ______ Corr'd ______ Therm ID No ______

Relinquished by	Company	Date/Time	Received by	Company	Date/Time
[signature]	O.A. TECH SVCS	11/12/25 12:30			
Relinquished by	Company	Date/Time	Received in Laboratory by: [signature]	Company	D

EXHIBIT B

STATE OF IOWA

TERRY E. BRANSTAD, GOVERNOR

DEPARTMENT OF NATURAL RESOURCES
LARRY J. WILSON, DIRECTOR

SANITARY LANDFILL LEACHATE SAMPLING GUIDELINE 10-26-93

Legend: * = TCLP Test Parameter
Parameters per IAC 103.2(4)

1. Conventional Pollutants

Method of Analysis: EPA SW-846

Carbonaceous Biochemical Oxygen Demand
Chemical Oxygen Demand
Ammonia Nitrogen
Nitrate as NO_3^-
Total Kjeldahl Nitrogen
Chloride
pH
Phosphate (Total)
Phosphorus
Total Dissolved Solids
Total Suspended Solids
Total Volatile Solids

2. Total Metals

Method of Analysis: EPA SW-846

*Arsenic
*Barium
*Cadmium
*Chromium
Chromium +6
Copper
Cyanide
Iron
*Lead
Magnesium
*Mercury
Nickel
Potassium
*Selenium
*Silver
Zinc

3. Volatile Compounds

Method of Analysis: EPA Wastewater Method 624 or EPA SW-846

*Benzene
Bromodichloromethane
Bromoform

WALLACE STATE OFFICE BUILDING / DES MOINES, IOWA 50319 / 515-281-5145 / TDD 515-242-5967 / FAX 515-281-8895

Bromomethane (methyl bromide)
*Carbon Tetrachloride
*Chlorobenzene
Chloroethane (ethyl chloride)
2-Chloroethyl Vinyl Ether
*Chloroform
Chloromethane (methyl chloride)
Dibromochloromethane
1,1-Dichloroethane
*1,2-Dichloroethane
*1,1-Dichloroethene (1,1-dichloroethylene)
1,2-Dichloroethene (1,2-dichloroethylene)
1,2-Dichloropropane
1,3-Dichloropropene (1,3-dichloropropylene)
Ethyl Benzene
*Methyl Ethyl Ketone
Methylene Chloride (dichloromethane)
*Pyridine
Toluene
1,1,2,2-Tetrachloroethane
*Tetrachloroethene (tetrachloroethylene)
1,1,1-Trichloroethane (methyl chloroform)
1,1,2-Trichloroethane
*Trichloroethene (trichloroethylene)
*Vinyl Chloride
Xylenes (Total)

4. Chlorinated Hydrocarbon Pesticides

Method of Analysis: EPA Wastewater Method 608 or EPA SW-846

Aldrin
Alpha-BHC
Beta-BHC
Delta-BHC
*Gamma-BHC (Lindane)
*Chlordane
*2,4,-D
4,4'-DDE
4,4'-DDD
4,4'DDT
Dieldrin
Endosulfan I
Endosulfan II
Endosulfan Sulfate
*Endrin
Endrin Aldehyde
*Heptachlor
Heptachlor Epoxide
*Methoxychlor
*Toxaphene
*2,4,5-TP (Silvex)

5. Polychlorinated Biphenyl Mixtures

Method of Analysis: EPA Wastewater Method 608 or EPA SW-846

Arochlor®-1016
Arochlor®-1221
Arochlor®-1232
Arochlor®-1242
Arochlor®-1248
Arochlor®-1254
Arochlor®-1260

Polychlorinated Biphenyls (PCB's) (Total)

6. Acid Fraction

Method of Analysis: EPA Wastewater Method 625 or EPA SW-846

Benzoic Acid
2-Chlorophenol
4-Chloro-3-Methylphenol (p-chloro-m-cresol)
2,4-Dichlorophenol
2,4-Dimethylphenol (xylenol)
2,4-Dinitrophenol
4,6-Dinitrophenol
4,6-Dinitro-2-Methylphenol
*2-Methylphenol (o-cresol)
*3-Methylphenol (m-cresol)
*4-Methylphenol (p-cresol)
*Cresols (Total)
2-Nitrophenol
4-Nitrophenol
*Pentachlorophenol
*2,4,5-Trichlorophenol
*2,4,6-Trichlorophenol

7. Base/Neutral Fraction

Method of Analysis: EPA Wastewater Method 625 or EPA SW-846

Acenaphthalyene
Acenaphthene
Anthracene
Benz (a) Anthracene
Benzo (a) Pyrene
Benzo (b) Fluoranthene
Benzo (k) Fluoranthene

Benzo (g,h,i) Perylene
Benzyl Alcohol
Bis (2-Chloroethoxy) methane
Bis (2-Chloroethyl) ether
Bis (2-Chloroisopropyl) ether
Bis (2-Ethylhexyl) Phthalate
4-Bromophenyl Phenyl Ether
Butyl Benzyl Phthalate
4-Chloroanaline
2-Chloronaphthalene
4-Chlorophenyl Phenyl Ether
Chrysene
Dibenz (ah) Anthracene
Dibenzofuran
Di-n-Butyl-Phthalate
Di-n-Octyl Phthalate
1,2-Dichlorobenzene
1,3-Dichlorobenzene
*1,4-Dichlorobenzene
3,3'-Dichlorobenzidine
Diethyl Phthalate
Dimethyl Phthalate
*2,4-Dinitrotoluene
2,6-Dinitrotoluene
Fluoranthene
Fluorene
*Hexachlorobenzene
*Hexachlorobutadiene (Hexachloro-1,3-butadiene)
*Hexachloroethane
Hexachlorocyclopentadiene
Indeno (1,2,3-cd) Pyrene
Isophorone
2-Methylnaphthalene
Naphthalene
2-Nitroanaline
3-Nitroanaline
4-Nitroanaline
*Nitrobenzene
N-Nitroso-Dipropylamine
N-Nitrosodiphenylamine
Phenanthrene
Pyrene
1,2,4-Trichlorobenzene

Polynuclear Aromatic Hydrocarbons (PAH's) (Total)

Eurofins Cedar Falls
3019 Venture Way
Cedar Falls IA 50613
Phone 319 277 2401 Fax 319 277-2425

Chain of Custody Record

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Calhoun, Conner M	Carrier Tracking No(s): N/A	COC No: 310-89001 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 #: 310-320380-1
Address: 18410 Crossing Drive, Suite E,	Due Date Requested: 11/25/2025			
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: CRLCSWA 2 _ Leachate	Project #: 31009776			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes

310-320380 COC

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)	8151A/8151A_AP_LVIDefault List	Total Number of containers	Special Instructions/Note.
			Preservation Code.						
CRLCSWA2_Leachate_25_11 (310-320380-1)	11/12/25	09 30 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
[signature]	11/13/25 1445		Stephanie Hernandez	11/14/25 0910	EETA
Relinquished by	Date/Time	Company	Received by	Date/Time	Company
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		1.6-1.6

Login Sample Receipt Checklist

Client: Foth Infrastructure & Environment, LLC

Job Number: 310-320380-1
SDG Number:

Login Number: 320380
List Number: 1
Creator: Homolar, Dana J

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.	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: 310-320380-1
SDG Number:

Login Number: 320380
List Number: 2
Creator: Hernandez, Stephanie

List Source: Eurofins Chicago
List Creation: 11/14/25 12:54 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	1.6
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").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Customer Service Report

Customer:	Mr. Garret Prestegard, P.E.	Report Number:	1720
	Cedar Rapids Linn County SWA	Date(s):	3/24 &
Contact:	1954 County Home Road		3/25/2025
Address:	Marion, IA 52302	Page:	1 of 1
		On-Site Hours:	12.5
		Mobilization Hours:	--

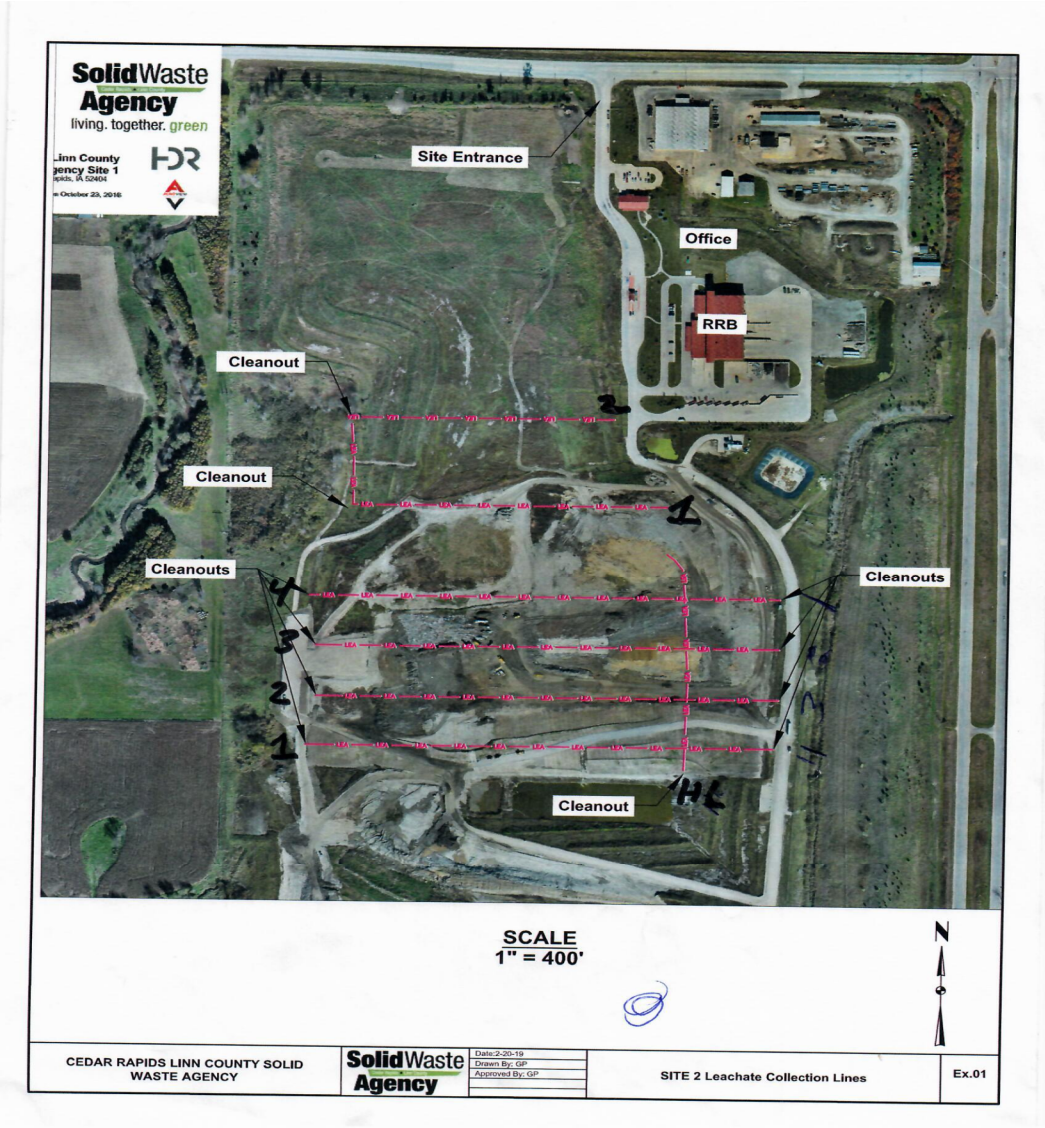
Description: Jet leachate collection system

Jetting Summary

Cleanout Location	Pipe Description	Length Jetted	Comments
East	Active Cell Pipe 1	800	
West	Active Cell Pipe 1	900	
East	Active Cell Pipe 2	800	
West	Active Cell Pipe 2	900	
East	Active Cell Pipe 3	800	
West	Active Cell Pipe 3	900	
East	Active Cell Pipe 4	800	
West	Active Cell Pipe 4	900	
East	Active Cell Pipe 5	800	South of “pipe 1” on map
West	Active Cell Pipe 5	900	South of “pipe 1” on map
South	Active Cell Header Pipe	975	
West	“Middle” CO to Pipe 1	200	Closed Cell
West	“Middle” CO to pipe 2	200	
West	Closed Cell Pipe 1	900	Closed Cell
West	Closed Cell Pipe 2	900	Closed Cell

Superior Jetting, Inc.
P.O. Box 357, Zimmerman, MN 55398
Phone/Fax: (763) 631-3133

Customer Service Report



Superior Jetting, Inc.
P.O. Box 357, Zimmerman, MN 55398
Phone/Fax: (763) 631-3133

Superior Jetting

Customer Service Report

March 24, 2025 **Arrived On-Site: 1:30 pm**

- Jet closed cell “middle” cleanout to pipe 1 from the west cleanout to the distance indicated above. No problems encountered.
- Jet closed cell “middle” cleanout to pipe 2 from the west cleanout to the distance indicated above. No problems encountered.
- Jet active cell pipe 1 from the west cleanout to the distance indicated above. No problems encountered.
- Jet active cell pipe 3 from the west cleanout to the distance indicated above. No problems encountered.
- Jet active cell pipe 5 from the west cleanout to the distance indicated above. No problems encountered.

Left Site: 5:45 pm

March 25, 2025 **Arrived On-Site: 7:00 am**

- Jet active cell pipe 4 from the west cleanout to the distance indicated above. No problems encountered.
- Jet closed cell pipe 1 from the west cleanout to the distance indicated above. No problems encountered.
- Jet closed cell pipe 2 from the west cleanout to the distance indicated above. No problems encountered.
- Jet active cell pipe 2 from the west cleanout to the distance indicated above. No problems encountered.
- Jet active cell pipe 5 from the east cleanout to the distance indicated above. No problems encountered.
- Jet active header pipe from the south cleanout to the distance indicated above. No problems encountered.
- Jet active cell pipe 4 from the east cleanout to the distance indicated above. No problems encountered.
- Jet active cell pipe 3 from the east cleanout to the distance indicated above. No problems encountered.
- Jet active cell pipe 2 from the east cleanout to the distance indicated above. No problems encountered.
- Jet active cell pipe 1 from the east cleanout to the distance indicated above. No problems encountered.

Left Site: 3:15 pm

Superior Jetting, Inc.
P.O. Box 357, Zimmerman, MN 55398
Phone/Fax: (763) 631-3133