

West Des Moines, IA

PROJECT: Clinton Co,FY26 Env Comp,IA 27225262.26 DATE: 2/27/2026

SUBJECT: Clinton County Sanitary Landfill - East, South MSWLF Unit - 23-SDP-01-74P - 2025 Annual Water Quality Report, Leachate Control System Performance Evaluation Report, and Landfill Gas Annual Report TRANSMITTAL ID: 00003

PURPOSE: For your approval VIA: Info Exchange

FROM

| NAME                                   | COMPANY       | EMAIL                        | PHONE           |
|----------------------------------------|---------------|------------------------------|-----------------|
| Sean Marczewski<br>West Des Moines, IA | SCS Engineers | SMarczewski@scsengineers.com | +1-515-631-6152 |

TO

| NAME                                                                           | COMPANY        | EMAIL                   | PHONE        |
|--------------------------------------------------------------------------------|----------------|-------------------------|--------------|
| Mike Smith<br>502 East 9th Street<br>Des Moines IA 50319-0034<br>United States | Iowa, State of | mike.smith@dnr.iowa.gov | 515-725-8200 |

REMARKS: Mike -

SCS Engineers, on behalf of the Clinton County Area Solid Waste Agency, is submitting the 2025 Annual Water Quality Report, Leachate Control System Performance Evaluation Report, and Landfill Gas Annual Report for the Clinton County Sanitary Landfill - East, South MSWLF Unit. If you have any questions or comments regarding these reports, please contact me at the number below.

Thanks,

Sean A. Marczewski  
Senior Project Professional  
SCS Engineers  
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## Transmittal

DATE: 2/27/2026  
TRANSMITTAL ID: 00003

### DESCRIPTION OF CONTENTS

| QTY | DATED     | TITLE                                                                                    | NOTES |
|-----|-----------|------------------------------------------------------------------------------------------|-------|
| 1   | 2/27/2026 | 20260227_Clinton County Sanitary Landfill E-S - 23-SDP-01-74P - 2025 AWQR.LCSPER.MMR.pdf |       |

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### COPIES:

Becky Jolly  
Brad Seward (Clinton County Area Solid Waste Agency)  
Semir Omerovic (SCS Engineers)  
Sean Marczewski (SCS Engineers)

February 27, 2026  
File No. 27225262.26

Mr. Mike Smith, P.E.  
Iowa Department of Natural Resources  
Land Quality Bureau  
6200 Park Avenue  
Des Moines, Iowa 50321

Subject: 2025 Annual Water Quality Report, 2025 Leachate Control System Performance  
Evaluation Report, and 2025 Landfill Gas Annual Report  
Clinton County Sanitary Landfill - East  
South MSWLF Unit  
Permit No. 23-SDP-01-74P

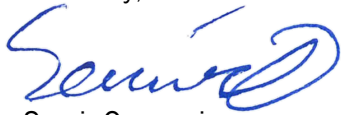
Dear Mike:

SCS Engineers, on behalf of the Clinton County Area Solid Waste Agency, has completed the required groundwater monitoring and statistical analyses for the South municipal solid waste landfill (MSWLF) unit at the Clinton County Sanitary Landfill-East for the year 2025. Services were performed in general accordance with Iowa Administrative Code (IAC) 567-113 and the current requirements for implementation of the Hydrologic Monitoring System Plan for the South MSWLF unit. Please find enclosed a copy of the 2025 Annual Water Quality Report.

Additionally, an evaluation of the leachate control system and gas monitoring results are included in accordance with IAC 113.7(5)"b"(14) and 113.9(2)"d", respectively. The 2025 Leachate Control System Performance Evaluation Report for the South MSWLF unit and the 2025 Landfill Gas Annual Report for the site are included as appendices to the Annual Water Quality Report.

If you have any questions regarding these reports, please contact Sean Marczewski at (712) 661-9682.

Sincerely,



Semir Omerovic  
Associate Professional  
SCS Engineers



Sean A. Marczewski  
Senior Project Professional  
SCS Engineers

SO/SAM

Copies: Mr. Brad Seward, Clinton County Area Solid Waste Agency





# 2025 Annual Water Quality Report, Leachate Control System Performance Evaluation Report, And Landfill Gas Annual Report

Clinton County Sanitary Landfill – East South MSWLF Unit  
Clinton, Iowa  
Solid Waste Permit No. 23-SDP-01-74P

Prepared for:

Clinton County Area Solid Waste Agency

**SCS ENGINEERS**

27225262.26 | February 2026

1690 All-State Court, Suite 100  
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## CERTIFICATION

Prepared by: 

Date: February 27, 2026

Typed: Semir Omerovic

Reviewed by: 

Date: February 27, 2026

Typed: Sean Marczewski

Certification page (PE or groundwater scientist signature) **113.10(1)"d"**

For the purposes of this rule, 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.

## EXECUTIVE SUMMARY

### ES.1 Period of Report Coverage

The period of report coverage is from January 2025 to December 2025 and includes the sampling events summarized in the attached **Table 2**.

### ES.2 Report Priority

The following summarizes report priorities associated with groundwater compliance for the South municipal solid waste landfill unit (South MSWLF unit) at the Clinton County Sanitary Landfill–East (Landfill):

- Department review urgency: None.
- Department review impact on rules schedule: None.
- Actions or activities on hold pending Department review or comment: None.
- Actions and/or permit amendments needed: None.

### ES.3 Site Status and Applicable Rules

- Landfill Status: Active
- Types of waste accepted: MSW, C&D, and Special Waste
- Applicable IAC rules: 2009 567-113.10

### ES.4 Comments

The following summarizes points of special emphasis:

- Of the 53 total trends evaluated for the source monitoring wells, 32, or greater than 60%, had a Mann-Kendall statistic less than or equal to 0, which indicates a generally stable or decreasing trend.
- SSIs were indicated in detection monitoring wells MW-05-8R and MW-40 and in AZPOC monitoring wells MW-28 and MW-29 during this reporting period. Retesting will occur prior to the 1<sup>st</sup> 2026 semi-annual sampling event.
- Compliance with groundwater protection standards (GWPS) has been achieved by demonstrating that the upper confidence limit was below the GWPS for cobalt in AZPOC well MW-05-2, and arsenic and cobalt in AZPOC well MW-29 for a period of three consecutive years in accordance with IAC 567-113.10(9)"e"(2).
- An SSI for cobalt in monitoring well MW-29 was confirmed, and a full set of Appendix II parameters will be sampled prior to the 1<sup>st</sup> 2026 semi-annual sampling event.

## ACRONYMS/ABBREVIATIONS

ACM = Assessment of Corrective Measures  
C&D = Construction & Demolition  
CAMP = Corrective Action Groundwater Monitoring Program  
CL = Control Limit - Mean plus Two Standard Deviations  
C&D = Construction and Demolition  
DNR = Iowa Department of Natural Resources  
DO = Dissolved Oxygen  
DQR = Double Quantification Rule  
GWPS = Groundwater Protection Standard  
LEL = Lower Explosive Limit  
LCL = Lower Confidence Limit  
LN = Lognormal  
MCL = EPA Maximum Contaminant Level  
MSW = Municipal Solid Waste  
N = Normal  
NC = No Change  
NM = Not Measured  
NP = Non-Parametric  
ORP = Oxidation-Reduction Potential  
P = Parametric  
PL = Prediction Limit  
RL = Reporting Limit  
SWS = DNR Statewide Standard for a protected groundwater source  
SSI = Statistically Significant Increase above background  
SSL = Statistically Significant Level above groundwater protection standard  
SSS = Site-Specific Standard (Site-Specific GWPS)  
UCL = Upper Confidence Limit  
VOC = Volatile Organic Compound

## 1.0 SITE BACKGROUND

### 1.1 SITE LOCATION

The Landfill property is depicted on **Figure 1**, Approved Monitoring Network. The Landfill property consists of approximately 330 acres located along 220<sup>th</sup> Street, approximately 5 miles west of Clinton, Iowa and is located within the S  $\frac{1}{2}$ , NE  $\frac{1}{4}$ ; E  $\frac{1}{2}$ , SW  $\frac{1}{4}$ ; and the SE  $\frac{1}{4}$  of Section 33, in Township 82 North, Range 6 East, in Clinton County, Iowa.

### 1.2 GEOLOGY AND HYDROGEOLOGY OF THE SITE

Previous hydrologic investigations of the site were conducted by Barker Lemar Engineering Consultants and reported in the document entitled *Hydrogeological Investigation Plan and Report* as part of the June 2006 Revised 2005 Lateral Expansion Plan (Doc #40077), and by Indeco, Inc. as reported in the March 1991 document entitled, *Clinton County Area Solid Waste Agency, Clinton County, Iowa, East Site - Soils Exploration, Monitoring Well Construction, and Hydrologic Monitoring System Report* (Doc #3519, cover letter only). Information and excerpts from these reports were compiled to create the summary below.

*The regional stratigraphy located within the landfill area is Wisconsin age loess consisting of wind deposited silts and clays. The loess is approximately 1 to 30 feet thick and is underlain by Pre-Illinoian age paleosols and glacial tills. The glacial tills are of the Wolf Creek Formation and consist of clays and sandy clays with various amounts of sand and gravel and range in thickness from less than 1 foot up to 75 feet.*

*The landfill lies within the Mississippi River tributary drainage basin. The local watershed contains the northwest branch of Mill Creek on the east side of the landfill, which flows southeast, and Brookside Creek on the west side which also flows southeast (Indeco, 1991).*

*The saturated zones within the stratigraphy of the landfill area consist of the Wisconsin loess, the Late Sangamon paleosol, and the Yarmouth-Sangamon paleosol. The Maquoketa shales underlying the glacial tills act as a confining bed (Indeco, 1991).*

In addition to the above hydrogeological investigations, the data from a 2004 hydrogeological investigation by Barker Lemar Engineering Consultants (*Hydrogeologic Assessment Work Plan*, Doc #40251) indicated that similar soils exist within the Lateral Expansion Plan area, and when describing the area “west of the topographic ridge” which is the area of the South MSWLF unit, Barker Lemar reported in the *Revised 2005 Lateral Expansion Plan*:

*West of this topographic high ridge, the groundwater flow is very similar to the surface drainage patterns and it is apparent that the groundwater is being relieved by the surface drainage features (Indeco, 1991). The groundwater contours beneath the proposed Lateral Expansion Plan area indicate a uniform flow to the south, southwest in the north and central upgradient areas, changing to a southeast direction in the southernmost area.*

*The proposed lateral expansion area consists of a strip of land that abuts the west side of the existing landfill area. Barker Lemar conducted eight borings from which geologic data were obtained. These borings were developed into monitoring wells. During previous studies, the subsurface geology in the existing landfill area was characterized by the generation of eight profiles, four representing conditions at the boundary of the proposed expansion area.*

*A review of these profiles indicates that the subsurface conditions within the proposed lateral expansion area are substantially similar to the previous area of study.*

Copies of the “previous study” Indeco soil profiles referenced above are provided in Appendix A of the 2019 Revised *Hydrologic Monitoring System Plan*. The following excerpt describes the geology beneath the Lateral Expansion Area and was taken from Appendix 3 of the Revised 2005 *Lateral Expansion Plan* by Barker Lemar.

*In both existing and proposed lateral expansion areas, soil profiles indicated similar characteristics. In the flatter-sloped areas, a layer of loess (brown to grayish-brown silt and silty lean clay) approximately 10 - 20 feet thick was encountered. The loess layer thins out in the steeper-sloped areas. Beneath the loess layer, brown, yellowish brown, and reddish brown lean clays with sand and gravels were encountered; which are typically identified as oxidized till on the Barker Lemar profile sheets (Attachment 3, Figures A3-1 through A3-5). This layer varies in thickness from zero to 20 feet thick throughout both the existing area and proposed lateral expansion areas. In general, the oxidized till layer is prevalent in the southern portion of the proposed lateral expansion area; its thickness diminishes toward the north. The boring data from the Indeco study indicates a similar occurrence pattern—nearly all incidences of brown and reddish brown lean clays occurred in the southern portion of the study area.*

*Both Barker Lemar and Indeco borings indicate a substantial layer of gray-brown to gray lean clay, which has been labeled as transition zone in the Barker Lemar profiles, and which lies beneath the loess and/or oxidized till layers throughout the site. Additionally, in both studies, the deeper borings encountered dark gray-blue silty lean clay with sand and gravel, which are characterized on the Barker Lemar profile sheets as unoxidized till.*

Copies of Attachment 3, Figures A3-1 through A3-5 are provided in Appendix A of the 2019 Revised *Hydrologic Monitoring System Plan*. Barker Lemar reported in Appendix 3 of the Revised 2005 *Lateral Expansion Plan* that the water table aquifer was the uppermost aquifer. The following excerpt describes the location of the uppermost aquifer in the soil strata for the Revised 2005 *Lateral Expansion Plan* area and the area east of the 2005 Lateral Expansion Plan (Ravines #5 & #6):

*The Indeco report indicates that in the area of study, which is on the east side of the proposed lateral expansion area, the water table aquifer is situated within the strata identified in the Barker Lemar profiles as, loess, oxidized till, and transition zone layers. The Barker Lemar study indicates that these layers continue beneath the proposed lateral expansion area and with minor exceptions, the water table aquifer is beneath the loess layer in the oxidized till and transition zone layers. Similar to the Indeco report, the Barker Lemar data also confirms that the water table aquifer generally follows the topography with a high dome on high ground that drops toward ravines, swales, or gullies. The water table aquifer is the uppermost aquifer throughout the area.*

Copies of cross-sections (Drawing Nos. 140-148) from the 1991 Indeco report are included in Appendix A of the 2019 Revised *Hydrologic Monitoring System Plan*.

Historical water levels were reviewed in nested monitoring wells MW-90-10 and MW-90-11 on the east side of the South MSWLF unit. Monitoring well MW-90-10 was installed to a depth of approximately 61 feet below ground surface and monitoring well 90-MW-11 was installed to a depth of approximately 25 feet below ground surface. Both monitoring wells had water during the measurement events, indicating the statement in the Revised 2005 *Lateral Expansion Plan* that the

“water table aquifer is the uppermost aquifer throughout the area” is true throughout most of the site.

However, it appears a perched water-bearing zone is present at depth near the southwest corner of the South MSWLF unit. Soils are generally lacking in free water above and below this zone. The groundwater underdrain beneath the Phase 1A cell intersected and locally dewatered the perched zone, drying out monitoring wells adjacent to the cell. Monitoring wells installed and screened below the groundwater underdrain elevation did not produce water as the soils below the perched zone are unsaturated to at least the bedrock surface. The impact of the groundwater underdrain is illustrated by water levels in monitoring well MW-05-7, which consistently produced water for sampling through the March 2011 sampling event. Following the installation of the groundwater underdrain in July 2011, monitoring well MW-05-7 no longer produced water, beginning with the subsequent (September 2011) sampling event. Monitoring well MW-25R, installed at the base of the unconsolidated materials in 2014 to replace dry well MW-25, did not produce sufficient water for sampling. Previous studies have indicated that vertical downward migration is extremely slow on the order of decades per foot (Indeco, 1991).

## 2.0 FIGURES DISCUSSION

The following figures are attached.

### 2.1 FIGURE 1 – APPROVED MONITORING NETWORK

The Landfill property and Hydrologic Monitoring System Plan (HMSP) monitoring network are depicted on **Figure 1**. **Figure 1** indicates the respective monitoring programs of the HMSP monitoring points as of the end of this reporting period.

### 2.2 FIGURE 2 – SHALLOW GROUNDWATER CONTOURS

A groundwater contour map based on shallow groundwater levels measured during the November 2025 sampling event is included as **Figure 2**. Shallow groundwater flow associated with the South MSWLF unit is generally to the south in the northern portion and to the south-southwest in the southern portion and is generally reflective of surface topography. As the contours appear to follow generally similar patterns as previous groundwater contour maps, it does not appear that recent waste disposal activities have resulted in a significant change to flow paths.

An unsaturated zone appears to be present below the water table. The groundwater underdrain beneath the Phase 1A cell appears to have dewatered the water table in the immediate area resulting in monitoring well MW-25R on the west side of the cell being consistently dry. This dewatering is described in DNR correspondence dated August 15, 2016 (Doc #86913):

*Excavation for the Phase 0 and Phase 1 cells of the 2005 Horizontal Expansion removed a significant portion of the uppermost aquifer from this area, and construction of stormwater controls and an underdrain resulted in its effective dewatering. Therefore, wells previously installed in these strata are dry and can no longer be sampled.*

### 2.3 FIGURE 3 – BEDROCK GROUNDWATER CONTOURS

A groundwater contour map based on bedrock groundwater levels measured during the November 2025 sampling event is included as **Figure 3**. Bedrock groundwater flow is generally to the southeast across the site.



### 3.0 STANDARDS HISTORY GRAPHS

Standards history graphs for Appendix I metals in the water table aquifer are included in **Appendix E**.

During the 2022 reporting period, the sample collected from background monitoring well MW-06-7R during the September 22, 2015 sampling event was determined to be not representative of actual groundwater conditions based on the growing set of post-September 22, 2015 analytical data, and the associated inorganic data from the September 22, 2015 sampling event was excluded from statistical consideration. This resulted in a significant decrease to many of the prediction limits as reflected in the standards history graphs. For each parameter, the prediction limit was below the GWPS.

During this reporting period, bedrock monitoring wells MW-39, MW-40, MW-41, and MW-42 were analyzed using intrawell statistical methods as approved in correspondence dated August 3, 2022 (Doc #103749). To reduce the size of the report, standards history graphs are not included in this report for the bedrock monitoring wells. **Table 5** provides a summary of background standards and GWPSs for each of the compliance bedrock monitoring wells.

### 4.0 QA/QC SUMMARY

The quality assurance/quality control (QA/QC) program for the South MSWLF unit follows similar protocols as included in the HMSP. Data validation procedures were performed on analytical results for laboratory quality control samples, and a quality assurance assessment of the data was conducted as the data were generated. The QA review procedure provided documentation of the accuracy and precision of the analytical data and confirmed that the analyses were sufficiently sensitive to detect constituents at levels below regulatory standards when technically feasible with the laboratory method utilized. SCS then conducted QA/QC data validation of the produced data, which included review of sample handling, analytical sensitivity, and blanks, accuracy, and precision. A summary of the laboratory QA/QC and data validation can be found in **Appendix B-1**, Laboratory Analytical Data Sheets, and **Appendix B-2**, Data Validation Documentation, respectively.

### 5.0 ANALYTICAL DATA EVALUATION AND SUMMARY

The most recently revised permit, dated August 13, 2025 (Doc #109437), defined the HMSP monitoring network for the South MSWLF unit in Special Provision X.4.a.:

- a. *The HMSP for the South MSWLF unit, including the Phase 0 and Phase 1A cells in the Lateral Expansion, shall include the following:*
  - 1) *Unconsolidated aquifer background groundwater monitoring point MW-06-7R;*
  - 2) *Unconsolidated aquifer downgradient compliance wells, MW-05-8R, MW-19, and MW-25R;*
  - 3) *Downgradient attenuation zone compliance wells MW-05-2, MW-05-3, MW-28, and MW-29;*
  - 4) *Supplemental attenuation zone source wells MW-90-11, MW-20, MW-24, MW-32, and MW-33<sup>1</sup>;*
  - 5) *Bedrock aquifer background well MW-43BG;*
  - 6) *Bedrock aquifer downgradient compliance wells MW-39, MW-40, MW-41, MW-42;*
  - 7) *Underdrain monitoring points UD-2 and GU-1; and*
  - 8) *Corrective action monitoring program (CAMP) points<sup>2</sup>.*

<sup>1</sup> Samples from the supplemental attenuation zone source wells shall be analyzed semiannually for the Appendix I parameters and biennially for total organic carbon, nitrate, iron, manganese, and sulfate until the DNR approves otherwise. Since these wells are not compliance points, they are not subject to the requirements of 567 IAC 113.10(5)"c" and 113.10(6).

<sup>2</sup> The Selection of Remedy and Corrective Action Monitoring Program (CAMP) letter report (Doc #97615), dated April 27, 2020, and CAMP amendment (Doc #98264), dated August 17, 2020, both submitted by Evora Consulting, was approved on September 10, 2020. The CAMP has been further modified in accordance with HMSP and Corrective Action Groundwater Monitoring Program Modification request (Doc #103586), dated July 12, 2022, and approved on July 29, 2022. As described in these documents, the following corrective action monitoring activities will be conducted semiannually in addition to the routine monitoring required in 567 IAC 113.10(5,6) until otherwise approved:

- Delineation wells MW-90-18, and MW-34 – for vinyl chloride, and
- Phase E-1 gas vent – for methane.

## Detection Monitoring

Detection monitoring points include background monitoring well MW-06-7R, monitoring wells MW-05-8R and MW-25R, and underdrain monitoring points UD-2 and GU-1. Monitoring points MW-25R and UD-2 did not produce a sufficient number of samples during the 2025 sampling events for statistical evaluation. Monitoring point GU-1 is treated with the leachate due to consistent VOC detections and is not statistically evaluated.

Monitoring well MW-05-8R was sampled and statistically evaluated during the 1<sup>st</sup> 2025 statistical evaluation with interwell prediction limits. SSIs for cobalt and vanadium were indicated in monitoring well MW-05-8R during the March 2025 sampling event. As monitoring well MW-05-8R did not produce a sample during the November 2025 sampling event, no evaluation was performed for the monitoring well during the 2<sup>nd</sup> 2025 statistical evaluation. Analytical results and statistical conclusions for MW-05-8R will be re-evaluated following the next successful sampling event and statistical evaluation.

AZPOC monitoring wells MW-05-2 and MW-29 were sampled during the March 2025 sampling event; AZPOC monitoring wells MW-05-3 and MW-28 did not produce samples during the March 2025 sampling event. Monitoring wells MW-05-2, MW-28, and MW-29 were sampled during the November 2025 sampling event; AZPOC monitoring well MW-05-3 did not produce samples during the November 2025 sampling event. SSIs were indicated for chromium, cobalt, nickel, and 1,1-dichloroethane for AZPOC monitoring well MW-28 and for cobalt in the AZPOC monitoring well MW-29 during the November 2025 sampling event. As documented in the 2025 Spring Sampling Notification dated June 6, 2025 (Doc #113217), the analytical results from the 2<sup>nd</sup> 2025 sampling event were to be used as the retest for the indicated SSIs in monitoring wells MW-05-8R and MW-29. The SSI for cobalt in monitoring well MW-29 was confirmed, and a full Appendix II sampling event will occur prior to the 1<sup>st</sup> 2026 semi-annual sampling event. The indicated SSIs for monitoring well MW-05-8R were not confirmed, or confirmed since no sample was produced during the November 2025 sampling event. Results will be evaluated following the next successful sampling event and statistical evaluation.

Previous SSLs in monitoring wells MW-90-11, MW-20, MW-24, MW-32, and MW-33 were transferred over to the AZPOC monitoring wells. Compliance with groundwater protection standards (GWPS) has

been achieved by demonstrating that the upper confidence limit was below the GWPS for cobalt in AZPOC well MW-05-2, and arsenic and cobalt in AZPOC well MW-29 for a period of three consecutive years in accordance with IAC 567-113.10(9)"e"(2). Confidence interval evaluation was unable to be performed for cobalt in AZPOC monitoring well MW-05-2 and arsenic in AZPOC monitoring well MW-29 during this reporting period, due to a low number of detections in the dataset. Cobalt in AZPOC monitoring well MW-05-3 and arsenic, barium, and vinyl chloride in AZPOC monitoring well MW-28 did not have sufficient samples to perform the confidence interval evaluation.

### **Assessment Monitoring**

During the 1<sup>st</sup> and 2<sup>nd</sup> 2025 statistical evaluation, assessment monitoring well MW-19 was sampled and statistically evaluated by confidence intervals. No SSLs above GWPS were identified.

### **Source Characterization**

Monitoring wells MW-90-11, MW-20, MW-24, MW-32, and MW-33 are designated as supplemental attenuation zone source wells. These monitoring wells are sampled semi-annually for Appendix I and TSS and biennially for natural attenuation parameters. Mann-Kendall trending evaluation of Appendix I parameters is performed annually.

During the 2<sup>nd</sup> 2025 statistical evaluation, the Mann-Kendall trend testing performed at 99% confidence ( $\alpha=0.01$ ) identified chloroethane in monitoring well MW-20 as having statistically significant decreasing trends. Of the 53 total trends evaluated, 32 trends, or greater than 60%, had a Mann-Kendall statistic less than or equal to 0, which indicates a generally stable or decreasing trend. A Mann-Kendall trend test summary table and graphs for the supplemental attenuation zone source wells are included in **Appendix F**.

### **Bedrock Aquifer**

The bedrock monitoring wells MW-39, MW-40, MW-41, and MW-42 were evaluated during the 2025 statistical evaluations using intrawell prediction limits. SSLs were indicated for chromium and nickel in monitoring well MW-40 during this reporting period. The statistical evaluation in accordance with the requirements of IAC 567-113.10(5) are located in **Appendix D**, Statistical Method and Output, of this report.

## **5.1 ANALYTICAL DATA EVALUATION**

Groundwater monitoring for the water table beneath the South MSWLF unit consists of samples from monitoring wells encompassing the downgradient perimeters of the unit and two groundwater underdrain discharge points. Background monitoring well MW-06-7R is located at the northern property boundary. Bedrock monitoring wells are situated around the Landfill, with background monitoring well MW-43BG located near the northern property boundary. . It should be noted that the source characterization monitoring wells are no longer subject to IAC 113.10(5) or 113.10(6).

For the water table monitoring wells, VOCs were not detected with the exception of 1,1-dichloroethane in monitoring well MW-28. No maximum site-wide concentrations of metals were measured in background monitoring well MW-06-7R, detection monitoring well MW-05-8R, assessment monitoring well MW-19, and AZPOC monitoring well MW-29 during this reporting period.

For the bedrock monitoring wells, no VOCs were detected. No maximum site-wide concentrations of metals were measured in detection monitoring wells MW-39 and MW-41.

The background prediction limit for arsenic is 0.008494 mg/L. Arsenic concentrations are defined to background to the east of SSL monitoring well MW-20 and south of SSL monitoring well MW-90-11 by monitoring well MW-24.

The background prediction limit for barium is 0.405 mg/L. Barium concentrations are defined to background near SSL monitoring well MW-20, as concentrations in bracketing wells are below the prediction limit, including monitoring well MW-19 to the west, and AZPOC monitoring well MW-28 to the south, with the exception of monitoring wells MW-90-11 to the northeast and MW-24 to the west, which measured barium concentrations slightly above background.

The background prediction limit for cobalt is 0.000377 mg/L. Cobalt near SSL monitoring wells MW-32 and MW-33 is bracketed by AZPOC monitoring well MW-05-2. Cobalt near SSL monitoring well MW-90-11 is bracketed by AZPOC monitoring well MW-29. Cobalt concentrations are defined near SSL monitoring well MW-20 to the west by monitoring well MW-19 and to the south by AZPOC monitoring well MW-28.

Vinyl chloride is generally defined near SSL monitoring well MW-24. Vinyl chloride impact in MW-24 is defined to the north by MW-90-11, east by MW-29, southeast by MW-90-18, and south by MW-34. Vinyl chloride concentrations in the nine most recent sampling events in monitoring well MW-24 were below the GWPS, and in the most recent two sampling events, the concentrations were not detected.

No SSIs were measured in monitoring well MW-19. SSIs are not retested for assessment monitoring wells. SSIs were measured for cobalt and vanadium in monitoring wells MW-05-8R (dry in November 2025). No SSIs were measured in monitoring well MW-25R (dry in March and November 2025) (see **Table 7**).

Special Provision X.4.b. of the permit requires semi-annual measurements of groundwater elevation data from monitoring wells of MW-21, MW-05-1, MW-05-2, MW-05-3, and the Phase 1A underdrain in order to measure the separation of the base of the MSWLF unit from the groundwater water table. These measurements are summarized in the table below.

Water Level Summary

| Monitoring Well     | 3/2025<br>Elevation | 11/2025<br>Elevation |
|---------------------|---------------------|----------------------|
| MW-21               | 691.93              | 690.07               |
| MW-05-1             | 711.56              | 711.48               |
| MW-05-2             | 698.08              | 696.72               |
| MW-05-3             | NA                  | NA                   |
| Phase 1A underdrain | NA                  | NA                   |

All measurements in feet above mean sea level.  
NA – Not available.

During this reporting period, the equipment monitoring the elevation of the Phase 1A underdrain was not operating properly, so data from the underdrain is unavailable. However, to evaluate the waste/groundwater separation distance, elevations were used from monitoring wells MW-25R and MW-05-8R and the bottom of the waste elevation calculated from the Construction Observation Report, Phase 1A Cell Construction, dated September 28, 2011 (#66679). Monitoring well MW-25R to the west of the Phase 1A Cell has been dry since installation, so the elevation of the bottom of the well was used for comparison. The water level in monitoring well MW-05-8R to the south of the

Phase 1A Cell measured during the May 2025 sampling event was used. These numbers are included in the table below.

#### Waste/Groundwater Separation

| Elevation Source                          | Elevation (amsl) | Separation Distance (feet) |
|-------------------------------------------|------------------|----------------------------|
| Bottom of waste                           | 669.05           | –                          |
| Water Elevation in MW-25R in March 2025   | < 652.79         | 16.26                      |
| Water elevation in MW-05-8R in March 2025 | 657.36           | 11.69                      |

Based on the separation distances of 16.26 feet and 11.69 feet shown in the table above, it appears the base of the waste was at least 5 feet above the high water table in accordance with IAC 567-113.6” during this reporting period.

## 5.2 CORRECTIVE ACTION

In accordance with the approved corrective action groundwater monitoring program (CAMP), monitoring wells MW-90-11, MW-20, MW-24, and MW-33 were sampled for natural attenuation parameters during the 2024 reporting period. Natural attenuation parameters for monitoring wells MW-90-11, MW-20, MW-24, MW-32, and MW-33 are sampled biennially, with the next sampling and evaluation scheduled to occur during the 2026 reporting period. The natural attenuation analytical data is included on the last page of **Appendix C-3**.

The CAMP gas monitoring point “Phase E-1 cell gas vent” was monitored quarterly for landfill gas. Methane gas was measured at greater than 100 percent of the lower explosive limit (LEL) during the 2<sup>nd</sup>, 3<sup>rd</sup>, and 4<sup>th</sup> quarters of 2024. A measurement of 7 percent of the LEL was measured during the 1<sup>st</sup> quarter of 2024. These measurements demonstrate the gas vent is actively venting landfill gas as intended from the “old” waste underneath the Phase E-1 cell.

## 5.3 SITE IMPACT ON GROUNDWATER

SSIs were identified in detection monitoring wells MW-05-8R in the water table and MW-40 in the bedrock monitoring network during this reporting period. One SSI was detected and confirmed during this reporting period in the AZPOC monitoring well MW-29 for cobalt. The SSIs detected in monitoring well MW-05-8R were not confirmed or confirmed since no sample was produced during the November 2025 sampling event.

Of the 53 total trends evaluated for the source monitoring wells, 32, or greater than 60%, had a Mann-Kendall statistic less than or equal to 0, which indicates a generally stable or decreasing trend.

## 5.4 PROPOSED MONITORING

Recommended monitoring for the next reporting period is included in **Table 2**.

## 5.5 PROPOSED MONITORING WELL CHANGES

The following are recommended:

- Since monitoring well MW-05-3 has not produced a sample, MW-05-4 will be sampled if MW-05-3 continues to be dry during the 2026 reporting period.

No other changes to the monitoring wells are proposed at this time.

## Tables

- 1 Monitoring Program Summary
- 2 Monitoring Program Implementation Schedule
- 3 Monitoring Well Maintenance and Performance  
Re-Evaluation Schedule
- 4 Monitoring Well Performance and Maintenance Summary
- 5 Background and GWPS Summary
- 6 Summary of Well/Detected Constituent Pairs with No  
Previous SSIs
- 7 Summary Table of Ongoing and Newly Identified SSIs
- 8 Summary Table of Ongoing and Newly Identified SSLs
- 9 Summary of Groundwater Chemistry
- 10 Historical SSIs and SSLs
- 11 Corrective Action Trend Analysis

Table 1  
Monitoring Program Summary  
2025 Annual Water Quality Report  
Clinton County Sanitary Landfill - East, South MSWLF Unit  
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| Monitoring Well                                  | Formation <sup>(1)</sup>          | Current Monitoring Program          | Change for Next Sampling Event | Constituents with SSIs During the 2025 Reporting Period | Constituents with SSLs                  | Total # of Samples in each monitoring program |                                  |                                         |
|--------------------------------------------------|-----------------------------------|-------------------------------------|--------------------------------|---------------------------------------------------------|-----------------------------------------|-----------------------------------------------|----------------------------------|-----------------------------------------|
|                                                  |                                   |                                     |                                |                                                         |                                         | Detection inorganic #/organic #               | Assessment inorganic #/organic # | Corrective Action inorganic #/organic # |
| Water Table Monitoring Network                   |                                   |                                     |                                |                                                         |                                         |                                               |                                  |                                         |
| MW-06-7R                                         | Clay                              | Background                          | No Change                      | Not applicable                                          | Not Applicable                          | 19/35                                         |                                  |                                         |
| MW-05-2                                          | Clay                              | Detection/AZPOC                     | No Change                      | None                                                    | Cobalt                                  | 6/6                                           |                                  |                                         |
| MW-05-3                                          | Clay                              | Detection/AZPOC                     | No Change                      | Not Applicable (no samples)                             | Cobalt                                  | 0/0                                           |                                  |                                         |
| MW-05-8R*                                        | Sandy Silty Clay                  | Detection                           | No Change                      | Chromium, Cobalt, Vanadium                              | Not Applicable                          | 9/9                                           |                                  |                                         |
| MW-19                                            | Silty Clay                        | Assessment                          | No Change                      | None                                                    | None                                    |                                               | 21/36                            |                                         |
| MW-25R                                           | Sandy Silty Clay/Bedrock          | Detection                           | No Change                      | Not Applicable (no samples)                             | Not Applicable                          | 0/0                                           |                                  |                                         |
| MW-28*                                           | Bedrock                           | Detection/AZPOC                     | No Change                      | Chromium, Cobalt, Nickel, 1,1-Dichloroethane            | Arsenic, Barium, Cobalt, Vinyl Chloride | 3/3                                           |                                  |                                         |
| MW-29                                            | Sandy Silty Clay                  | Detection/AZPOC                     | Assessment                     | Cobalt                                                  | Arsenic, Cobalt                         | 7/7                                           |                                  |                                         |
| UD-2                                             | Not Applicable                    | Detection                           | No Change                      | None (no samples this reporting period)                 | Not Applicable                          | 1/3                                           |                                  |                                         |
| GU-1                                             | Not Applicable                    | Treated with leachate               | No Change                      | None (no samples this reporting period)                 | Not Applicable                          |                                               | 5/8                              |                                         |
| Bedrock Monitoring Network                       |                                   |                                     |                                |                                                         |                                         |                                               |                                  |                                         |
| MW-39                                            | Bedrock                           | Detection                           | No Change                      | None                                                    | Not Applicable                          | 15/15                                         |                                  |                                         |
| MW-40*                                           | Bedrock                           | Detection                           | No Change                      | Chromium, Nickel                                        | Not Applicable                          | 14/15                                         |                                  |                                         |
| MW-41                                            | Bedrock                           | Detection                           | No Change                      | None                                                    | Not Applicable                          | 15/15                                         |                                  |                                         |
| MW-42                                            | Bedrock                           | Detection                           | No Change                      | None                                                    | Not Applicable                          | 14/14                                         |                                  |                                         |
| Supplemental Attenuation Zone Source Wells       |                                   |                                     |                                |                                                         |                                         |                                               |                                  |                                         |
| MW-90-11                                         | Bedrock                           | Source Well                         | No Change                      | Not Applicable                                          | Not Applicable                          |                                               |                                  | 21/36                                   |
| MW-20                                            | Clay/Sand                         | Source Well                         | No Change                      | Not Applicable                                          | Not Applicable                          |                                               |                                  | 21/37                                   |
| MW-24                                            | Silty Clay/Sandy Clay/Clayey Sand | Source Well                         | No Change                      | Not Applicable                                          | Not Applicable                          |                                               |                                  | 21/37                                   |
| MW-32                                            | Silty Clay/Bedrock                | Source Well                         | No Change                      | Not Applicable                                          | Not Applicable                          |                                               |                                  | 20/27                                   |
| MW-33                                            | Silty Clay/Silty Sandy Clay       | Source Well                         | No Change                      | Not Applicable                                          | Not Applicable                          |                                               |                                  | 21/29                                   |
| Corrective Action Groundwater Monitoring Program |                                   |                                     |                                |                                                         |                                         |                                               |                                  |                                         |
| MW-34                                            | Sandy Silty Clay/Sand             | Impact delineation monitoring point |                                |                                                         |                                         |                                               |                                  |                                         |
| MW-90-18                                         | Medium to Coarse Sand             | Impact delineation monitoring point |                                |                                                         |                                         |                                               |                                  |                                         |
| Water Level Measurement Wells                    |                                   |                                     |                                |                                                         |                                         |                                               |                                  |                                         |
| MW-05-3                                          | Not available                     | Water Level                         |                                |                                                         |                                         |                                               |                                  |                                         |
| MW-21                                            | Clay                              | Water Level                         |                                |                                                         |                                         |                                               |                                  |                                         |

Notes:

(1) Obtained from screened interval in boring logs.

SSI = Statistically Significant Increase above background.

SSL = Statistically Significant Level above groundwater protection standards.

\* - Indicated SSI pending retest.



**Table 2**  
**Monitoring Program Implementation Schedule**  
**2025 Annual Water Quality Report**  
**Clinton County Sanitary Landfill - East, South MSWLF Unit**  
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|                                       | Recent Sampling Dates and Constituents |                           | Upcoming Sampling Dates and Constituents          |                                  |                                  | Full Appendix II Sample Dates   |                |
|---------------------------------------|----------------------------------------|---------------------------|---------------------------------------------------|----------------------------------|----------------------------------|---------------------------------|----------------|
| Monitoring Well                       | March 2025 Semi-Annual                 | November 2025 Semi-Annual | Retest & Appendix II                              | 1 <sup>st</sup> 2026 Semi-Annual | 2 <sup>nd</sup> 2026 Semi-Annual | Previously Collected            | Next Event     |
| <b>Water Table Monitoring Network</b> |                                        |                           |                                                   |                                  |                                  |                                 |                |
| MW-06-7R                              | Appendix I, TSS                        | Appendix I, TSS           |                                                   | Appendix I, TSS                  | Appendix I, TSS                  | Not Applicable                  | Not Applicable |
| MW-05-2                               | Appendix I, TSS                        | Appendix I, TSS           |                                                   | Appendix I, TSS                  | Appendix I, TSS                  | Not Applicable                  | Not Applicable |
| MW-05-3                               | Not Sampled                            | Not Sampled - Dry         |                                                   | Appendix I, TSS                  | Appendix I, TSS                  | Not Applicable                  | Not Applicable |
| MW-05-4*                              | Not Sampled                            | Not Sampled               |                                                   | Appendix I, TSS                  | Appendix I, TSS                  | Not Applicable                  | Not Applicable |
| MW-05-8R                              | Appendix I, TSS                        | Not Sampled - Dry         | Chromium, Cobalt, Vanadium, TSS                   | Appendix I, TSS                  | Appendix I, TSS                  | Not Applicable                  | Not Applicable |
| MW-19                                 | Appendix I, TSS                        | Appendix I, TSS           |                                                   | Appendix II, TSS                 | Appendix I+, TSS                 | 8/22/2013, 7/13/2016, 5/18/2021 | 2026           |
| MW-25R                                | Not Sampled - Dry                      | Not Sampled - Dry         |                                                   | Appendix I, TSS                  | Appendix I, TSS                  | Not Applicable                  | Not Applicable |
| MW-28                                 | Not Sampled - Dry                      | Appendix I, TSS           | Chromium, Cobalt, Nickel, 1,1-Dichloroethane, TSS | Appendix I, TSS                  | Appendix I, TSS                  | Not Applicable                  | Not Applicable |
| MW-29                                 | Appendix I, TSS                        | Appendix I, TSS           | Appendix II, TSS                                  | Appendix I+, TSS                 | Appendix I+, TSS                 | Not Applicable                  | 2026           |
| UD-2                                  | Not Sampled- Dry                       | Not Sampled - Dry         |                                                   | Appendix I, TSS                  | Appendix I, TSS                  | Not Applicable                  | Not Applicable |
| GU-1                                  | Not Sampled - Dry                      | Not Sampled - Dry         |                                                   | Appendix I, TSS                  | Appendix I, TSS                  | Not Applicable                  | Not Applicable |
| <b>Bedrock Monitoring Network</b>     |                                        |                           |                                                   |                                  |                                  |                                 |                |
| MW-39                                 | Appendix I, TSS                        | Appendix I, TSS           |                                                   | Appendix I, TSS                  | Appendix I, TSS                  | Not Applicable                  | Not Applicable |
| MW-40                                 | Appendix I, TSS                        | Appendix I, TSS           | Chromium, Nickel, TSS                             | Appendix I, TSS                  | Appendix I, TSS                  | Not Applicable                  | Not Applicable |
| MW-41                                 | Appendix I, TSS                        | Appendix I, TSS           |                                                   | Appendix I, TSS                  | Appendix I, TSS                  | Not Applicable                  | Not Applicable |
| MW-42                                 | Appendix I, TSS                        | Appendix I, TSS           |                                                   | Appendix I, TSS                  | Appendix I, TSS                  | Not Applicable                  | Not Applicable |

**Table 2**  
**Monitoring Program Implementation Schedule**  
**2025 Annual Water Quality Report**  
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| Recent Sampling Dates and Constituents            |                         |                                          | Upcoming Sampling Dates and Constituents |                                          |                                                               | Full Appendix II Sample Dates              |                |
|---------------------------------------------------|-------------------------|------------------------------------------|------------------------------------------|------------------------------------------|---------------------------------------------------------------|--------------------------------------------|----------------|
| Monitoring Well                                   | March 2025 Semi-Annual  | November 2025 Semi-Annual                | Retest & Appendix II                     | 1 <sup>st</sup> 2026 Semi-Annual         | 2 <sup>nd</sup> 2026 Semi-Annual                              | Previously Collected                       | Next Event     |
| <b>Supplemental Attenuation Zone Source Wells</b> |                         |                                          |                                          |                                          |                                                               |                                            |                |
| MW-90-11                                          | Appendix I, TSS         | Appendix I, TSS                          |                                          | Appendix I, TSS                          | Appendix I, TSS, Natural Attenuation                          | 3/15/2010, 9/14/2011, 3/29/2016, 5/20/2021 | Not Applicable |
| MW-20                                             | Appendix I, TSS         | Appendix I, TSS                          |                                          | Appendix I, TSS                          | Appendix I, TSS, Natural Attenuation                          | 3/29/2016, 5/20/2021                       | Not Applicable |
| MW-24                                             | Appendix I, TSS         | Appendix I, TSS                          |                                          | Appendix I, TSS                          | Appendix I, TSS, Natural Attenuation                          | 6/30/2010, 9/14/2011, 3/29/2016, 5/19/2021 | Not Applicable |
| MW-32                                             | Appendix I, TSS,        | Appendix I, TSS                          |                                          | Appendix I, TSS                          | Appendix I, TSS, Natural Attenuation                          | 4/7/2015, 3/29/2016, 5/18/2021             | Not Applicable |
| MW-33                                             | 2,4-D, 3/4-Methylphenol | Appendix I, TSS, 2,4-D, 3/4-Methylphenol |                                          | Appendix I, TSS, 2,4-D, 3/4-Methylphenol | Appendix I, TSS, 2,4-D, 3/4-Methylphenol, Natural Attenuation | 7/28/2015, 7/13/2016, 5/18/2021            | Not Applicable |
| <b>CAMP Monitoring Points</b>                     |                         |                                          |                                          |                                          |                                                               |                                            |                |
| MW-34                                             | Not Sampled - Dry       | Not Sampled - Dry                        |                                          | Vinyl Chloride                           | Vinyl Chloride                                                | Not Applicable                             | Not Applicable |
| MW-90-18                                          | -                       | Vinyl Chloride                           |                                          | Vinyl Chloride                           | Vinyl Chloride                                                | Not Applicable                             | Not Applicable |
| Phase E-1 Gas Vent                                | Methane Monitoring      | Methane Monitoring                       |                                          | Methane Monitoring                       | Methane Monitoring                                            | Not Applicable                             | Not Applicable |
| <b>Water Level Wells</b>                          |                         |                                          |                                          |                                          |                                                               |                                            |                |
| MW-05-5                                           | Water Level             | Water Level                              |                                          | Water Level                              | Water Level                                                   | Not Applicable                             | Not Applicable |
| MW-21                                             | Water Level             | Water Level                              |                                          | Water Level                              | Water Level                                                   | Not Applicable                             | Not Applicable |

TSS - Total Suspended Solids

Appendix I+ - Parameters detected in the Appendix II list that are not included in the Appendix I list.

Natural Attenuation includes total organic carbon, nitrate, manganese, iron, and sulfate.

\* - Monitoring well MW-05-3 did not produce a sample during this reporting period. MW-05-4 will be sampled if MW-05-3 continues to be dry during the 2026 reporting period.

**Table 3**  
**Monitoring Well Maintenance and Performance Revaluation Schedule**  
**2025 Annual Water Quality Report**  
**Clinton County Sanitary Landfill - East, South MSWLF Unit**  
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| Compliance with:                                                         | 2023      | 2024      | 2025     | 2026      | 2027      |
|--------------------------------------------------------------------------|-----------|-----------|----------|-----------|-----------|
| 567 IAC 113.10(2)"f"(1) high and low water levels (Biennial)             |           | Completed |          | Scheduled |           |
| 567 IAC 113.10(2)"f"(2) changes in the hydrologic setting and flow paths | Completed | Completed | Included | Scheduled | Scheduled |
| 567 IAC 113.10(2)"f"(3) well depths                                      | Completed | Completed | Included | Scheduled | Scheduled |
| 567 IAC 113.10(2)"f"(4) well recharge rates and chemistry (Biennial)     |           | Completed |          | Scheduled |           |
| Waste separation from ground water 113.6(2)"i"                           | Completed | Completed | Included | Scheduled | Scheduled |

**Table 4**  
**Monitoring Well Maintenance and Performance Summary**  
**2025 Annual Water Quality Report**  
**Clinton County Sanitary Landfill - East , South MSWLF Unit**  
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| Well     | Top of casing | Top of Screen | Total Depth |                                | Date of Measurements |           | Maximum Depth Discrepancy (ft) |
|----------|---------------|---------------|-------------|--------------------------------|----------------------|-----------|--------------------------------|
|          |               |               |             |                                | 3/24/2025            | 11/4/2025 |                                |
| MW-06-7R | 746.25        | 713.39        | 42.9        | Groundwater Level (ft)         | 26.80                | 27.96     | NA                             |
|          |               |               |             | Groundwater Elevation (Ft MSL) | 719.45               | 718.29    |                                |
|          |               |               |             | Measured Well Depth (ft)       | NM                   | NM        |                                |
|          |               |               |             | Submerged screen               | Y                    | Y         |                                |
| MW-05-2  | 711.69        | 687.83        | 38.9        | Groundwater Level (ft)         | 13.61                | 14.97     | 6.9                            |
|          |               |               |             | Groundwater Elevation (Ft MSL) | 698.08               | 696.72    |                                |
|          |               |               |             | Measured Well Depth (ft)       | 32.1                 | 32.0      |                                |
|          |               |               |             | Submerged screen               | N                    | Y         |                                |
| MW-05-3  | 712.92        | 695.20        | 32.7        | Groundwater Level (ft)         | Dry                  | Dry       | 6.2                            |
|          |               |               |             | Groundwater Elevation (Ft MSL) | NA                   | NA        |                                |
|          |               |               |             | Measured Well Depth (ft)       | NM                   | 26.5      |                                |
|          |               |               |             | Submerged screen               | N                    | NA        |                                |
| MW-05-8R | 697.66        | 664.55        | 53.9        | Groundwater Level (ft)         | 40.30                | 45.63     | 1.3                            |
|          |               |               |             | Groundwater Elevation (Ft MSL) | 657.36               | 652.03    |                                |
|          |               |               |             | Measured Well Depth (ft)       | NM                   | 52.6      |                                |
|          |               |               |             | Submerged screen               | N                    | N         |                                |
| MW-90-11 | 707.60        | 687.60        | 30.9        | Groundwater Level (ft)         | 7.90                 | 16.24     | -0.1                           |
|          |               |               |             | Groundwater Elevation (Ft MSL) | 699.70               | 691.36    |                                |
|          |               |               |             | Groundwater Elevation (Ft MSL) | 31.1                 | 31.0      |                                |
|          |               |               |             | Submerged screen               | Y                    | Y         |                                |
| MW-19    | 694.82        | 673.87        | 31.0        | Groundwater Level (ft)         | 22.04                | 25.21     | 0.7                            |
|          |               |               |             | Groundwater Elevation (Ft MSL) | 672.78               | 669.61    |                                |
|          |               |               |             | Measured Well Depth (ft)       | 31.4                 | 30.3      |                                |
|          |               |               |             | Submerged screen               | Y                    | N         |                                |
| MW-20    | 686.75        | 668.95        | 27.8        | Groundwater Level (ft)         | 16.30                | 16.61     | 2.7                            |
|          |               |               |             | Groundwater Elevation (Ft MSL) | 670.45               | 670.14    |                                |
|          |               |               |             | Measured Well Depth (ft)       | 25.6                 | 25.1      |                                |
|          |               |               |             | Submerged screen               | Y                    | Y         |                                |
| MW-24    | 707.27        | 689.57        | 37.7        | Groundwater Level (ft)         | 15.25                | 18.20     | 2.4                            |
|          |               |               |             | Groundwater Elevation (Ft MSL) | 692.02               | 689.07    |                                |
|          |               |               |             | Measured Well Depth (ft)       | 35.4                 | 35.3      |                                |
|          |               |               |             | Submerged screen               | Y                    | N         |                                |
| MW-25R   | 702.79        | 663.05        | 49.7        | Groundwater Level (ft)         | 50.00                | 49.93     | -0.5                           |
|          |               |               |             | Groundwater Elevation (Ft MSL) | 652.79               | 652.86    |                                |
|          |               |               |             | Measured Well Depth (ft)       | 50.3                 | 50.2      |                                |
|          |               |               |             | Submerged screen               | N                    | N         |                                |
| MW-28    | 665.63        | 642.18        | 33.5        | Groundwater Level (ft)         | Dry                  | 27.54     | 3.0                            |
|          |               |               |             | Groundwater Elevation (Ft MSL) | NA                   | 638.09    |                                |
|          |               |               |             | Measured Well Depth (ft)       | NM                   | 30.5      |                                |
|          |               |               |             | Submerged screen               | N                    | N         |                                |
| MW-29    | 704.78        | 692.05        | 22.7        | Groundwater Level (ft)         | 19.22                | 20.49     | -0.4                           |
|          |               |               |             | Groundwater Elevation (Ft MSL) | 685.56               | 684.29    |                                |
|          |               |               |             | Measured Well Depth (ft)       | 23.1                 | 23.1      |                                |
|          |               |               |             | Submerged screen               | N                    | N         |                                |

**Table 4**  
**Monitoring Well Maintenance and Performance Summary**  
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|       |        |        |       |                                |        |        |      |
|-------|--------|--------|-------|--------------------------------|--------|--------|------|
| MW-32 | 733.43 | 714.78 | 38.7  | Groundwater Level (ft)         | 31.70  | 32.18  | NA   |
|       |        |        |       | Groundwater Elevation (Ft MSL) | 701.73 | NA     |      |
|       |        |        |       | Measured Well Depth (ft)       | NM     | NM     |      |
|       |        |        |       | Submerged screen               | N      | N      |      |
| MW-33 | 735.02 | 726.64 | 23.4  | Groundwater Level (ft)         | 14.10  | 18.50  | 1.2  |
|       |        |        |       | Groundwater Elevation (Ft MSL) | 720.92 | 716.52 |      |
|       |        |        |       | Measured Well Depth (ft)       | 22.2   | 23.3   |      |
|       |        |        |       | Submerged screen               | N      | N      |      |
| MW-39 | 673.62 | 560.60 | 118.0 | Groundwater Level (ft)         | 43.18  | 44.89  | -0.2 |
|       |        |        |       | Groundwater Elevation (Ft MSL) | 630.44 | 628.73 |      |
|       |        |        |       | Measured Well Depth (ft)       | NM     | 118.2  |      |
|       |        |        |       | Submerged screen               | Y      | Y      |      |
| MW-40 | 718.09 | 630.20 | 92.9  | Groundwater Level (ft)         | 74.50  | 74.00  | -0.6 |
|       |        |        |       | Groundwater Elevation (Ft MSL) | 643.59 | 644.09 |      |
|       |        |        |       | Measured Well Depth (ft)       | 94.5   | 93.5   |      |
|       |        |        |       | Submerged screen               | Y      | Y      |      |
| MW-41 | 718.27 | 612.80 | 110.5 | Groundwater Level (ft)         | 60.05  | 60.34  | -1.0 |
|       |        |        |       | Groundwater Elevation (Ft MSL) | 658.22 | 657.93 |      |
|       |        |        |       | Measured Well Depth (ft)       | NM     | 111.5  |      |
|       |        |        |       | Submerged screen               | Y      | Y      |      |
| MW-42 | 736.34 | 657.10 | 84.2  | Groundwater Level (ft)         | 65.10  | 65.19  | -0.1 |
|       |        |        |       | Groundwater Elevation (Ft MSL) | 671.24 | 671.15 |      |
|       |        |        |       | Measured Well Depth (ft)       | NM     | 84.3   |      |
|       |        |        |       | Submerged screen               | Y      | Y      |      |

NM - Not Measured

NA - Not Applicable

Monitoring wells with dedicated sampling pumps are measured once every five years. However, if sampling is performed with a portable submersible pump, well depths are measured.

The well depths were generally within 1.8 feet of the installed depth with the following exceptions:

- MW-20 – Monitoring well MW-20 has an installed depth of 27.8 feet, but the depth measurements during the 2025 sampling events was 25.6 and 25.1 feet respectively. This monitoring well consistently measures shallower than the installed well depth.
- MW-24 – Monitoring well MW-24 has an installed depth of 37.7 feet but the depth measurements during the 2025 sampling event was 35.4 and 35.3 feet respectively. This monitoring well consistently measures shallower than the installed well depth.
- MW-28 – Monitoring well MW-28 has an installed depth of 33.5 feet but the depth measurements during the 2025 sampling event was 30.5 feet. This monitoring well consistently measures shallower than the installed well depth.
- MW-05-2 – Monitoring well MW-05-2 has an installed depth of 38.9 feet but the depth measurements during the 2025 sampling event was 32.1 and 32.0 feet respectively. This monitoring well consistently measures shallower than the installed well depth.
- MW-05-3 – Monitoring well MW-05-3 has an installed depth of 32.7 feet but the depth measurement during the 2025 sampling events was 26.5 feet. This monitoring well consistently measures shallower than the installed well depth.

It does not appear that siltation is adversely impacting the ability of the monitoring wells to consistently produce samples with the possible exception of MW-05-3. However, during this reporting period a few wells were dry or without sufficient water for sampling.

**Table 4**  
**Monitoring Well Maintenance and Performance Summary**  
**2025 Annual Water Quality Report**  
**Clinton County Sanitary Landfill - East , South MSWLF Unit**  
**Permit No. 23-SDP-01-74P**

**Groundwater Underdrain Piezometer**

To evaluate the waste/groundwater separation distance, elevations were used from monitoring wells MW-25R and MW-05-8R and the bottom of the waste elevation was calculated from the Construction Observation Report, Phase 1A Cell Construction, dated September 28, 2011 (Doc #66679). The water level measured in monitoring wells MW-25R and MW-05-8R during the March 2025 sampling event were used. These measurements are included in the table below.

| Elevation Source                          | Elevation (amsl) | Separation Distance (feet) |
|-------------------------------------------|------------------|----------------------------|
| Bottom of waste                           | 669.05           | -                          |
| Water elevation in MW-25R in March 2025   | < 652.79         | 16.26                      |
| Water elevation in MW-05-8R in March 2025 | 657.36           | 11.69                      |

Based on the separation distances of 16.26 feet and 11.69 feet shown in the table above, it appears the base of the waste was at least 5 feet above the high water table in accordance with IAC 567-113.6"i" during this reporting period.

Table 5  
Background and GWPS Summary  
2025 Annual Water Quality Report  
Clinton County Sanitary Landfill - East, South MSWLF Unit  
Permit No. 23-SDP-01-74P

Water Table Interwell Background/GWPS (MW-06-7R)

| Constituent    | Units | Samples | Detections | Min              | Max              | Mean    | Background level | Statistical Test | GWPS   | Source |
|----------------|-------|---------|------------|------------------|------------------|---------|------------------|------------------|--------|--------|
| Antimony (Sb)  | mg/L  | 19      | 0          | 0.0005 (1/2 RL)  | 0.001 (1/2 RL)   | 0.00076 | < 0.002          | DQR              | 0.006  | MCL    |
| Arsenic (As)   | mg/L  | 19      | 19         | 0.000593*        | 0.00725          | 0.00273 | 0.008494         | PL (P)           | 0.01   | MCL    |
| Barium (Ba)    | mg/L  | 19      | 19         | 0.0869           | 0.405            | 0.17210 | 0.405            | PL (NP)          | 2      | MCL    |
| Beryllium (Be) | mg/L  | 19      | 0          | 0.0005 (1/2 RL)  | 0.0005 (1/2 RL)  | 0.00050 | < 0.001          | DQR              | 0.004  | MCL    |
| Cadmium (Cd)   | mg/L  | 19      | 3          | 0.00005 (1/2 RL) | 0.00025 (1/2 RL) | 0.00012 | 0.00025          | PL (NP)          | 0.005  | MCL    |
| Chromium (Cr)  | mg/L  | 19      | 1          | 0.0025 (1/2 RL)  | 0.00367*         | 0.00256 | 0.00367          | PL (NP)          | 0.1    | MCL    |
| Cobalt (Co)    | mg/L  | 19      | 5          | 0.000064*        | 0.000377*        | 0.00023 | 0.000377         | PL (NP)          | 0.0021 | SWS    |
| Copper (Cu)    | mg/L  | 19      | 0          | 0.0025 (1/2 RL)  | 0.0025 (1/2 RL)  | 0.00250 | < 0.005          | DQR              | 1.3    | MCL    |
| Lead (Pb)      | mg/L  | 19      | 4          | 0.000163*        | 0.0021           | 0.00035 | 0.0021           | PL (NP)          | 0.015  | MCL    |
| Nickel (Ni)    | mg/L  | 19      | 1          | 0.0025 (1/2 RL)  | 0.00268*         | 0.00251 | 0.00268          | PL (NP)          | 0.1    | SWS    |
| Selenium (Se)  | mg/L  | 19      | 2          | 0.0015*          | 0.0025 (1/2 RL)  | 0.00240 | 0.0025           | PL (NP)          | 0.05   | MCL    |
| Silver (Ag)    | mg/L  | 19      | 2          | 0.0005 (1/2 RL)  | 0.00138          | 0.00056 | 0.00138          | PL (NP)          | 0.1    | SWS    |
| Thallium (Tl)  | mg/L  | 19      | 3          | 0.000265*        | 0.000895*        | 0.00053 | 0.000895         | PL (NP)          | 0.002  | MCL    |
| Vanadium (V)   | mg/L  | 19      | 1          | 0.0019*          | 0.0025 (1/2 RL)  | 0.00247 | 0.0025           | PL (NP)          | 0.035  | SWS    |
| Zinc (Zn)      | mg/L  | 19      | 1          | 0.005 (1/2 RL)   | 0.01 (1/2 RL)    | 0.00950 | 0.01             | PL (NP)          | 2      | SWS    |

Bedrock Intrawell Background/GWPS (MW-39)

| Constituent    | Units | Samples | Detections | Min              | Max             | Mean    | Background level | Statistical Test | GWPS    | Source |
|----------------|-------|---------|------------|------------------|-----------------|---------|------------------|------------------|---------|--------|
| Antimony (Sb)  | mg/L  | 12      | 0          | 0.0005 (1/2 RL)  | 0.001 (1/2 RL)  | 0.00079 | < 0.002          | DQR              | 0.006   | MCL    |
| Arsenic (As)   | mg/L  | 12      | 3          | 0.000547*        | 0.0031          | 0.00129 | 0.0031           | PL (NP)          | 0.01    | MCL    |
| Barium (Ba)    | mg/L  | 12      | 12         | 0.318            | 0.703           | 0.40342 | 0.703            | PL (NP)          | 2       | MCL    |
| Beryllium (Be) | mg/L  | 12      | 2          | 0.0005 (1/2 RL)  | 0.00208         | 0.00072 | 0.00208          | PL (NP)          | 0.004   | MCL    |
| Cadmium (Cd)   | mg/L  | 12      | 3          | 0.00005 (1/2 RL) | 0.000648        | 0.00017 | 0.000648         | PL (NP)          | 0.005   | MCL    |
| Chromium (Cr)  | mg/L  | 12      | 6          | 0.00098*         | 0.00833         | 0.00341 | 0.01075          | PL (P)           | 0.1     | MCL    |
| Cobalt (Co)    | mg/L  | 12      | 12         | 0.000299*        | 0.0102          | 0.00305 | 0.01093          | PL (P)           | 0.01093 | SSS    |
| Copper (Cu)    | mg/L  | 12      | 3          | 0.0025 (1/2 RL)  | 0.0135          | 0.00381 | 0.0135           | PL (NP)          | 1.3     | MCL    |
| Lead (Pb)      | mg/L  | 12      | 11         | 0.00025 (1/2 RL) | 0.0176          | 0.00330 | 0.0176           | PL (NP)          | 0.0176  | SSS    |
| Nickel (Ni)    | mg/L  | 12      | 4          | 0.00194*         | 0.0227          | 0.00549 | 0.0227           | PL (NP)          | 0.1     | SWS    |
| Selenium (Se)  | mg/L  | 12      | 2          | 0.00106*         | 0.0025 (1/2 RL) | 0.00235 | 0.0025           | PL (NP)          | 0.05    | MCL    |
| Silver (Ag)    | mg/L  | 12      | 0          | 0.0005 (1/2 RL)  | 0.0005 (1/2 RL) | 0.00050 | < 0.001          | DQR              | 0.1     | SWS    |
| Thallium (Tl)  | mg/L  | 12      | 0          | 0.0005 (1/2 RL)  | 0.0005 (1/2 RL) | 0.00050 | < 0.001          | DQR              | 0.002   | MCL    |
| Vanadium (V)   | mg/L  | 12      | 7          | 0.000863*        | 0.0314          | 0.00670 | 0.0314           | PL (NP)          | 0.035   | SWS    |
| Zinc (Zn)      | mg/L  | 12      | 3          | 0.01 (1/2 RL)    | 0.0755          | 0.01863 | 0.0755           | PL (NP)          | 2       | SWS    |

Bedrock Intrawell Background/GWPS (MW-40)

| Constituent    | Units | Samples | Detections | Min              | Max              | Mean    | Background level | Statistical Test | GWPS   | Source |
|----------------|-------|---------|------------|------------------|------------------|---------|------------------|------------------|--------|--------|
| Antimony (Sb)  | mg/L  | 12      | 0          | 0.0005 (1/2 RL)  | 0.001 (1/2 RL)   | 0.00079 | < 0.002          | DQR              | 0.006  | MCL    |
| Arsenic (As)   | mg/L  | 12      | 0          | 0.001 (1/2 RL)   | 0.001 (1/2 RL)   | 0.00100 | < 0.002          | DQR              | 0.01   | MCL    |
| Barium (Ba)    | mg/L  | 12      | 12         | 0.0144           | 0.0176           | 0.01613 | 0.01825          | PL (P)           | 2      | MCL    |
| Beryllium (Be) | mg/L  | 12      | 0          | 0.0005 (1/2 RL)  | 0.0005 (1/2 RL)  | 0.00050 | < 0.001          | DQR              | 0.004  | MCL    |
| Cadmium (Cd)   | mg/L  | 12      | 0          | 0.00005 (1/2 RL) | 0.00025 (1/2 RL) | 0.00009 | < 0.0005         | DQR              | 0.005  | MCL    |
| Chromium (Cr)  | mg/L  | 12      | 1          | 0.000832*        | 0.0025 (1/2 RL)  | 0.00236 | 0.0025           | PL (NP)          | 0.1    | MCL    |
| Cobalt (Co)    | mg/L  | 12      | 1          | 0.000125*        | 0.00025 (1/2 RL) | 0.00024 | 0.00025          | PL (NP)          | 0.0021 | SWS    |
| Copper (Cu)    | mg/L  | 12      | 0          | 0.0025 (1/2 RL)  | 0.0025 (1/2 RL)  | 0.00250 | < 0.005          | DQR              | 1.3    | MCL    |
| Lead (Pb)      | mg/L  | 12      | 0          | 0.00025 (1/2 RL) | 0.00025 (1/2 RL) | 0.00025 | < 0.0005         | DQR              | 0.015  | MCL    |
| Nickel (Ni)    | mg/L  | 12      | 0          | 0.0025 (1/2 RL)  | 0.0025 (1/2 RL)  | 0.00250 | < 0.005          | DQR              | 0.1    | SWS    |
| Selenium (Se)  | mg/L  | 12      | 0          | 0.0025 (1/2 RL)  | 0.0025 (1/2 RL)  | 0.00250 | < 0.005          | DQR              | 0.05   | MCL    |
| Silver (Ag)    | mg/L  | 12      | 0          | 0.0005 (1/2 RL)  | 0.0005 (1/2 RL)  | 0.00050 | < 0.001          | DQR              | 0.1    | SWS    |
| Thallium (Tl)  | mg/L  | 12      | 0          | 0.0005 (1/2 RL)  | 0.0005 (1/2 RL)  | 0.00050 | < 0.001          | DQR              | 0.002  | MCL    |
| Vanadium (V)   | mg/L  | 12      | 0          | 0.0025 (1/2 RL)  | 0.0025 (1/2 RL)  | 0.00250 | < 0.005          | DQR              | 0.035  | SWS    |
| Zinc (Zn)      | mg/L  | 12      | 1          | 0.00822*         | 0.01 (1/2 RL)    | 0.00985 | 0.01             | PL (NP)          | 2      | SWS    |

Bedrock Intrawell Background/GWPS (MW-41)

| Constituent    | Units | Samples | Detections | Min             | Max              | Mean    | Background level | Statistical Test | GWPS   | Source |
|----------------|-------|---------|------------|-----------------|------------------|---------|------------------|------------------|--------|--------|
| Antimony (Sb)  | mg/L  | 12      | 0          | 0.0005 (1/2 RL) | 0.001 (1/2 RL)   | 0.00079 | < 0.002          | DQR              | 0.006  | MCL    |
| Arsenic (As)   | mg/L  | 12      | 12         | 0.00226         | 0.00274          | 0.00251 | 0.002879         | PL (P)           | 0.01   | MCL    |
| Barium (Ba)    | mg/L  | 12      | 12         | 0.155           | 0.176            | 0.16533 | 0.178            | PL (P)           | 2      | MCL    |
| Beryllium (Be) | mg/L  | 12      | 0          | 0.0005 (1/2 RL) | 0.0005 (1/2 RL)  | 0.00050 | < 0.001          | DQR              | 0.004  | MCL    |
| Cadmium (Cd)   | mg/L  | 12      | 2          | 0.000048*       | 0.00025 (1/2 RL) | 0.00009 | 0.00025          | PL (NP)          | 0.005  | MCL    |
| Chromium (Cr)  | mg/L  | 12      | 2          | 0.000912*       | 0.0043*          | 0.00252 | 0.0043           | PL (NP)          | 0.1    | MCL    |
| Cobalt (Co)    | mg/L  | 12      | 12         | 0.00032*        | 0.00051          | 0.00042 | 0.000543         | PL (P)           | 0.0021 | SWS    |
| Copper (Cu)    | mg/L  | 12      | 0          | 0.0025 (1/2 RL) | 0.0025 (1/2 RL)  | 0.00250 | < 0.005          | DQR              | 1.3    | MCL    |
| Lead (Pb)      | mg/L  | 12      | 5          | 0.000199*       | 0.000869         | 0.00036 | 0.000869         | PL (NP)          | 0.015  | MCL    |
| Nickel (Ni)    | mg/L  | 12      | 0          | 0.0025 (1/2 RL) | 0.0025 (1/2 RL)  | 0.00250 | < 0.005          | DQR              | 0.1    | SWS    |
| Selenium (Se)  | mg/L  | 12      | 0          | 0.0025 (1/2 RL) | 0.0025 (1/2 RL)  | 0.00250 | < 0.005          | DQR              | 0.05   | MCL    |
| Silver (Ag)    | mg/L  | 12      | 0          | 0.0005 (1/2 RL) | 0.0005 (1/2 RL)  | 0.00050 | < 0.001          | DQR              | 0.1    | SWS    |
| Thallium (Tl)  | mg/L  | 12      | 0          | 0.0005 (1/2 RL) | 0.0005 (1/2 RL)  | 0.00050 | < 0.001          | DQR              | 0.002  | MCL    |
| Vanadium (V)   | mg/L  | 12      | 0          | 0.0025 (1/2 RL) | 0.0025 (1/2 RL)  | 0.00250 | < 0.005          | DQR              | 0.035  | SWS    |
| Zinc (Zn)      | mg/L  | 12      | 0          | 0.01 (1/2 RL)   | 0.01 (1/2 RL)    | 0.01000 | < 0.02           | DQR              | 2      | SWS    |

**Table 5**  
**Background and GWPS Summary**  
**2025 Annual Water Quality Report**  
**Clinton County Sanitary Landfill - East, South MSWLF Unit**  
**Permit No. 23-SDP-01-74P**

**Bedrock Intrawell Background/GWPS (MW-42)**

| Constituent    | Units | Samples | Detections | Min              | Max              | Mean    | Background level | Statistical Test | GWPS   | Source |
|----------------|-------|---------|------------|------------------|------------------|---------|------------------|------------------|--------|--------|
| Antimony (Sb)  | mg/L  | 12      | 0          | 0.0005 (1/2 RL)  | 0.001 (1/2 RL)   | 0.00079 | < 0.002          | DQR              | 0.006  | MCL    |
| Arsenic (As)   | mg/L  | 12      | 0          | 0.001 (1/2 RL)   | 0.001 (1/2 RL)   | 0.00100 | < 0.002          | DQR              | 0.01   | MCL    |
| Barium (Ba)    | mg/L  | 12      | 12         | 0.123            | 0.188            | 0.16708 | 0.2115           | PL (P)           | 2      | MCL    |
| Beryllium (Be) | mg/L  | 12      | 0          | 0.0005 (1/2 RL)  | 0.0005 (1/2 RL)  | 0.00050 | < 0.001          | DQR              | 0.004  | MCL    |
| Cadmium (Cd)   | mg/L  | 12      | 0          | 0.00005 (1/2 RL) | 0.00025 (1/2 RL) | 0.00009 | < 0.0005         | DQR              | 0.005  | MCL    |
| Chromium (Cr)  | mg/L  | 12      | 1          | 0.00167*         | 0.0025 (1/2 RL)  | 0.00243 | 0.0025           | PL (NP)          | 0.1    | MCL    |
| Cobalt (Co)    | mg/L  | 12      | 5          | 0.000095*        | 0.000331*        | 0.00022 | 0.000331         | PL (NP)          | 0.0021 | SWS    |
| Copper (Cu)    | mg/L  | 12      | 0          | 0.0025 (1/2 RL)  | 0.0025 (1/2 RL)  | 0.00250 | < 0.005          | DQR              | 1.3    | MCL    |
| Lead (Pb)      | mg/L  | 12      | 3          | 0.000241*        | 0.00115          | 0.00038 | 0.00115          | PL (NP)          | 0.015  | MCL    |
| Nickel (Ni)    | mg/L  | 12      | 1          | 0.00169*         | 0.0025 (1/2 RL)  | 0.00243 | 0.0025           | PL (NP)          | 0.1    | SWS    |
| Selenium (Se)  | mg/L  | 12      | 11         | 0.00115*         | 0.00264*         | 0.00169 | 0.00271          | PL (P)           | 0.05   | MCL    |
| Silver (Ag)    | mg/L  | 12      | 0          | 0.0005 (1/2 RL)  | 0.0005 (1/2 RL)  | 0.00050 | < 0.001          | DQR              | 0.1    | SWS    |
| Thallium (Tl)  | mg/L  | 12      | 0          | 0.0005 (1/2 RL)  | 0.0005 (1/2 RL)  | 0.00050 | < 0.001          | DQR              | 0.002  | MCL    |
| Vanadium (V)   | mg/L  | 12      | 1          | 0.000636*        | 0.0025 (1/2 RL)  | 0.00234 | 0.0025           | PL (NP)          | 0.035  | SWS    |
| Zinc (Zn)      | mg/L  | 12      | 0          | 0.01 (1/2 RL)    | 0.01 (1/2 RL)    | 0.01000 | < 0.02           | DQR              | 2      | SWS    |

Notes:

Background levels based on calculated prediction limits or half the reporting limit, as applicable.

\* - Indicates J flag. The concentration is above the method detection limit but below the reporting limit; the concentration is estimated.

Acronyms/Abbreviations:

RL = Reporting Limit

GWPS = Groundwater Protection Standard (mg/L)

DQR = Double Quantification Rule

SSS = Site-Specific GWPS

SWS = Statewide Standard

PL = Prediction Limit

MCL = EPA Maximum Contaminant Level

NP = Non-Parametric

P = Parametric

NA = Not Applicable

1) Water quality results and effectiveness of the statistical data evaluation criteria: Statistical evaluations consist of prediction limits, double quantification rule, confidence intervals/confidence bands, as appropriate. Data from the background wells is not used for development of the confidence intervals or confidence bands.

2) Changes to the previous statistical method during reporting period: None.

3) Re-sampling strategy: Retesting is performed on a 1-of-2 scheme.

4) Justification for data exclusion: Inorganic data collected prior to the implementation of low-flow sampling in March 2016 was excluded from statistical consideration. Removal of the MW-06-7R outlier (9/22/2015) in the 2022 SSN eliminated site-specific GWPSs for arsenic and cobalt.



**Table 6**  
**Summary of Well/Detected Constituent Pairs With No Immediately Preceding SSIs**  
**2025 Annual Water Quality Report**  
**Clinton County Sanitary Landfill - East, South MSWLF Unit**  
**Permit No. 23-SDP-01-74P**

| Well     | Constituent        | Units | Most recent result | Background Standard |
|----------|--------------------|-------|--------------------|---------------------|
| MW-05-8R | Chromium           | mg/L  | 0.00611            | 0.00367             |
|          | Cobalt             | mg/L  | 0.000972           | 0.000377            |
|          | Vanadium           | mg/L  | 0.00531            | 0.0025              |
| MW-28    | Chromium           | mg/L  | 0.013              | 0.00367             |
|          | Cobalt             | mg/L  | 0.000501           | 0.000377            |
|          | Nickel             | mg/L  | 0.0106             | 0.00268             |
|          | 1,1-Dichloroethane | µg/L  | 1.84               | 1.84                |
| MW-29    | Cobalt             | mg/L  | 0.000881           | 0.000377            |
| MW-40    | Chromium           | mg/L  | 0.00622            | 0.0025              |
|          | Nickel             | mg/L  | 0.00576            | < 0.005             |

Comments:

- 1) This table represents constituent/well pairs with indicated SSIs during the 2025 reporting period that did not have indicated SSIs during the 2024 reporting period.
- 3) Schedule to implement remedies: None.
- 4) Alternative constituent or sample frequency changes: None.
- 5) Significant changes to calculated predication limits: Not applicable.
- 6) Resampling strategy: Retesting will be performed on a 1-of 2 retesting scheme.

**Table 7**  
**Summary of Ongoing and Newly Identified SSIs**  
**2025 Annual Water Quality Report**  
**Clinton County Sanitary Landfill - East, South MSWLF Unit**  
**Permit No. 23-SDP-01-74P**

| Well                         | Constituent        | Units | Most recent result | Background Standard | Lower Confidence Limit | GWPS   | Sample Dates       |             |                       |
|------------------------------|--------------------|-------|--------------------|---------------------|------------------------|--------|--------------------|-------------|-----------------------|
|                              |                    |       |                    |                     |                        |        | Initial Exceedance | Resample(s) | 5th background sample |
| Water Table Monitoring Wells |                    |       |                    |                     |                        |        |                    |             |                       |
| MW-06-7R                     | None               |       |                    |                     |                        |        |                    |             |                       |
| MW-05-2                      | None               |       |                    |                     |                        |        |                    |             |                       |
| MW-05-3                      | None               |       |                    |                     |                        |        |                    |             |                       |
| MW-05-8R                     | Chromium           | mg/L  | 0.00611            | 0.00367             | Detection              | 0.1    | 3/25/2025          | Pending     | 5/18/2021             |
|                              | Cobalt             | mg/L  | 0.000972           | 0.000377            | Detection              | 0.0021 | 3/25/2025          | Pending     | 5/18/2021             |
|                              | Vanadium           | mg/L  | 0.00531            | 0.0025              | Detection              | 0.035  | 3/25/2025          | Pending     | 5/18/2021             |
| MW-19                        | None               |       |                    |                     |                        |        |                    |             |                       |
| MW-25R                       | None               |       |                    |                     |                        |        |                    |             |                       |
| MW-28                        | Chromium           | mg/L  | 0.013              | 0.00367             | Detection              | 0.1    | 11/4/2025          | Pending     | Not Complete          |
|                              | Cobalt             | mg/L  | 0.000501           | 0.000377            | Detection              | 0.0021 | 11/4/2025          | Pending     | 3/5/2018              |
|                              | Nickel             | mg/L  | 0.0106             | 0.00268             | Detection              | 0.1    | 11/4/2025          | Pending     | Not Complete          |
|                              | 1,1-Dichloroethane | µg/L  | 1.84               | <1                  | Detection              | 140    | 11/4/2025          | Pending     | Not Complete          |
| MW-29                        | Cobalt             | mg/L  | 0.000881           | 0.000377            | Detection              | 0.0021 | 3/25/2025          | Pending     | 9/19/2017             |
| UD-1                         | None               |       |                    |                     |                        |        |                    |             |                       |
| Bedrock Monitoring Wells     |                    |       |                    |                     |                        |        |                    |             |                       |
| MW-39                        | None               |       |                    |                     |                        |        |                    |             |                       |
| MW-40                        | Chromium           | mg/L  | 0.00622            | 0.0025              | Detection              | 0.1    | 11/4/2025          | Pending     | 9/22/2020             |
|                              | Nickel             | mg/L  | 0.00576            | < 0.005             | Detection              | 0.1    | 11/4/2025          | Pending     | 9/22/2020             |
| MW-41                        | None               |       |                    |                     |                        |        |                    |             |                       |
| MW-42                        | None               |       |                    |                     |                        |        |                    |             |                       |

Comments:

Shaded rows denote constituent/well pairs with SSIs indicated in 2025 that were not indicated in 2024. Unshaded rows denote constituent/well pairs with SSIs indicated during both the 2024 and 2025 reporting periods.

NA - Not applicable. Retesting is not performed for monitoring wells in the assessment monitoring program.

\*\* - J-flag detection

Not Complete - 5th background sample has not been collected for this constituent.

Comments:

1) Problems with the current assessment network: None.

2) Proposed remedies: Source control with monitored natural attenuation was the selected remedy (Doc #97615).

3) Alternative constituent or sample frequency changes: None.

4) Plume delineation strategies: See Section 5.0 of the report.

**Table 8**  
**Summary of Ongoing and Newly Identified SSLs**  
**2025 Annual Water Quality Report**  
**Clinton County Sanitary Landfill - East, South MSWLF Unit**  
**Permit No. 23-SDP-01-74P**

| AZPOC Well<br>(Source Well) | Constituent    | Units | Most recent result | Upper Confidence<br>Limit | GWPS   | Initial Exceedance | Upper Confidence Limit Below GWPS |         |                      |         |                      |         |
|-----------------------------|----------------|-------|--------------------|---------------------------|--------|--------------------|-----------------------------------|---------|----------------------|---------|----------------------|---------|
|                             |                |       |                    |                           |        |                    | 1 <sup>st</sup> Year              |         | 2 <sup>nd</sup> Year |         | 3 <sup>rd</sup> Year |         |
| MW-05-2 (MW-32 & MW-33)     | Cobalt         | mg/L  | < 0.0005           | NC                        | 0.0021 | 2022               | 9/2022                            | 8/2023  | 5/2024               | 11/2024 | 3/2025               | 11/2025 |
| MW-05-3 (MW-32 & MW-33)     | Cobalt         | mg/L  | < 0.0005           | NM                        | 0.0021 | 2022               | NA                                | NA      | NA                   | NA      | NA                   | NA      |
| MW-28 (MW-20 & MW-24)       | Arsenic        | mg/L  | 0.000836           | NM                        | 0.01   | 2022               | NA                                | NA      | NA                   | NA      | NA                   | NA      |
|                             | Barium         | mg/L  | 0.119              | NM                        | 2      | 2021               | NA                                | NA      | NA                   | NA      | NA                   | NA      |
|                             | Cobalt         | mg/L  | 0.000501           | 0.0004343                 | 0.0021 | 2013               | 3/2023                            | 11/2024 | 11/2025              | NA      | NA                   | NA      |
|                             | Vinyl Chloride | µg/L  | <1                 | NM                        | 2      | 2013               | NA                                | NA      | NA                   | NA      | NA                   | NA      |
| MW-29 (MW-90-11)            | Arsenic        | mg/L  | 0.000629           | NC                        | 0.01   | 2022               | 3/2023                            | 8/2023  | 5/2024               | 11/2024 | 3/2025               | 11/2025 |
|                             | Cobalt         | mg/L  | 0.000881           | 0.000881                  | 0.0021 | 2022               | 3/2023                            | 8/2023  | 5/2024               | 11/2024 | 3/2025               | 11/2025 |

1) Monitoring wells MW-90-11, MW-20, MW-24, MW-32, and MW-33 were transitioned to source characterization monitoring wells following the 1<sup>st</sup> 2022 statistical evaluation (Doc #103747).

2) Previous SSLs in monitoring wells MW-90-11, MW-20, MW-24, MW-32 and MW-33 are no longer present as these source wells have been replaced in the HMSP by attenuation zone point of compliance (AZPOC) monitoring wells MW-28, MW-29, MW-05-2 and MW-05-3 (Doc #103586). The previous SSL's have been transferred over to the AZPOC wells.

3) The initial exceedances occurred in monitoring wells MW-90-11, MW-20, MW-24, MW32 and MW-33 between 2013 and the 1<sup>st</sup> 2022 statistical evaluation.

4) As specified in IAC 567-113.10(9)"e"(2), concentrations of constituents have not exceeded the groundwater protection standard(s) for a period of three consecutive years in monitoring wells MW-05-2 and MW-29 as shown in the table.

NA - Indicates that the constituent-monitoring point dataset has not satisfied the statistical requirements of IAC 567-113.10(9)"e"(2), which is identified by the entire confidence interval or confidence band, as appropriate, being below the GWPS.

NM - Not Measured; statistical analyses will be performed for monitoring wells once a sufficient dataset has been obtained.

NC - Not Calculated; Confidence Interval analysis was unable to be performed during this reporting period, due to multiple sampling events the constituent being at non-detect and J flag concentrations.

**Table 9**  
**Analytical Data Summary**  
**2025 Annual Water Quality Report**  
**Clinton County Sanitary Landfill - East, South MSWLF Unit**  
**Permit No. 23-SDP-01-74P**

The Summary of Groundwater Chemistry for this reporting period is located in Appendix C.

Analytical data prior to 2025 is available in the 2024 Annual Water Quality Report, dated January 29, 2025 (Doc #112063).

**Table 10**  
**Historical SSI and SSL**  
**2025 Annual Water Quality Report**  
**Clinton County Sanitary Landfill - East, South MSWLF Unit**  
**Permit No. 23-SDP-01-74P**

Key

|  |                                                                              |
|--|------------------------------------------------------------------------------|
|  | SSI - Statistically Significant Increase above background                    |
|  | SSL - Statistically Significant Level above groundwater protection standards |

| Well                                | Constituent        | Spring<br>2021 | Fall<br>2021 | Spring<br>2022 | Fall<br>2022 | Spring<br>2023 | Fall<br>2023 | Spring<br>2024 | Fall<br>2024 | Spring<br>2025 | Fall<br>2025 |
|-------------------------------------|--------------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|
| <b>Water Table Monitoring Wells</b> |                    |                |              |                |              |                |              |                |              |                |              |
| MW-05-2                             | Cobalt             |                |              |                |              |                |              |                |              | NS             | NS           |
| MW-05-3                             | Cobalt             |                |              |                |              |                |              |                |              | NS             | NS           |
| MW-05-8R                            | Chromium           |                |              |                |              |                |              |                |              |                | NS           |
|                                     | Cobalt             |                |              |                |              |                |              |                |              |                | NS           |
|                                     | Vanadium           |                |              |                |              |                |              |                |              |                | NS           |
| MW-19                               | Cadmium            |                |              |                |              |                |              |                |              |                |              |
|                                     | Cobalt             |                |              |                |              |                |              |                |              |                |              |
|                                     | Thallium           |                |              |                |              |                |              |                |              |                |              |
| MW-20*                              | Arsenic            |                |              |                |              |                |              |                |              |                |              |
|                                     | Barium             |                |              |                |              |                |              |                |              |                |              |
|                                     | Cobalt             |                |              |                |              |                |              |                |              |                |              |
| MW-24*                              | Vinyl Chloride     |                |              |                |              |                |              |                |              |                |              |
| MW-25R                              | None               |                |              |                |              |                |              |                |              | NS             | NS           |
| MW-28                               | Arsenic            |                |              |                |              |                |              |                |              | NS             |              |
|                                     | Barium             |                |              |                |              |                |              |                |              | NS             |              |
|                                     | Chromium           |                |              |                |              |                |              |                |              | NS             |              |
|                                     | Cobalt             |                |              |                |              |                |              |                |              | NS             |              |
|                                     | Nickel             |                |              |                |              |                |              |                |              | NS             |              |
|                                     | 1,1-Dichloroethane |                |              |                |              |                |              |                |              | NS             |              |
|                                     | Vinyl Chloride     |                |              |                |              |                |              |                |              | NS             |              |
| MW-29                               | Arsenic            |                |              |                |              |                |              |                |              |                |              |
|                                     | Cobalt             |                |              |                |              |                |              |                |              |                |              |
| MW-32*                              | Cobalt             |                |              |                |              |                |              |                |              |                |              |
| MW-33*                              | Cobalt             |                |              |                |              |                |              |                |              |                |              |
| MW-90-11*                           | Arsenic            |                |              |                |              |                |              |                |              |                |              |
|                                     | Cobalt             |                |              |                |              |                |              |                |              |                |              |
| UD-2                                | None               |                |              |                |              |                |              |                |              | NS             | NS           |
| <b>Bedrock Monitoring Wells</b>     |                    |                |              |                |              |                |              |                |              |                |              |
| MW-39                               | None               |                |              |                |              |                |              |                |              |                |              |
| MW-40                               | Chromium           |                |              |                |              |                |              |                |              |                |              |
|                                     | Nickel             |                |              |                |              |                |              |                |              |                |              |
| MW-41                               | None               |                |              |                |              |                |              |                |              |                |              |
| MW-42                               | None               |                |              |                |              |                |              |                |              |                |              |

**Notes:**

- 1) SSIs are only recorded for the initial confirmed SSI measurement. SSIs are not confirmed for assessment monitoring wells.
- 2) The bedrock monitoring wells had sufficient samples for prediction limit analysis beginning with the fall 2020 statistical evaluation.
- 3) Detected SSIs are considered SSIs for the purposes of this table.

NS - Not sampled.

\* - Monitoring wells MW-90-11, MW-20, MW-24, MW-32, and MW-33 were transitioned to source characterization monitoring wells following the 1<sup>st</sup> 2022 statistical evaluation (Doc #103747). The previously identified SSLs are no longer considered for the source characterization monitoring wells and have been transferred over to the associated AZPOC wells.

**Table 11**  
**Corrective Action Trend Analysis**  
**2025 Annual Water Quality Report**  
**Clinton County Sanitary Landfill - East, South MSWLF Unit**  
**Permit No. 23-SDP-01-74P**

| Well                                                    | Constituent  | Trend      | Calculated S | Critical S | N |
|---------------------------------------------------------|--------------|------------|--------------|------------|---|
| <b>Statistically Significant Trends in Source Wells</b> |              |            |              |            |   |
| MW-20                                                   | Chloroethane | Decreasing | -22          | -21        | 8 |

| <b>Overall Trends of Detected Appendix I Constituents in Source Wells</b> |       |       |       |       |          |       |
|---------------------------------------------------------------------------|-------|-------|-------|-------|----------|-------|
|                                                                           | MW-20 | MW-24 | MW-32 | MW-33 | MW-90-11 | Total |
| Increasing ( $S = >0$ ):                                                  | 4     | 3     | 5     | 2     | 2        | 16    |
| Decreasing ( $S = \leq 0$ ):                                              | 7     | 7     | 9     | 7     | 7        | 37    |

Over 69% of the trends are stable or decreasing.

A summary table and graphs are included in Appendix K.

**Notes:**

N - Number of Samples

S - Mann-Kendall Statistic

**Comments:**

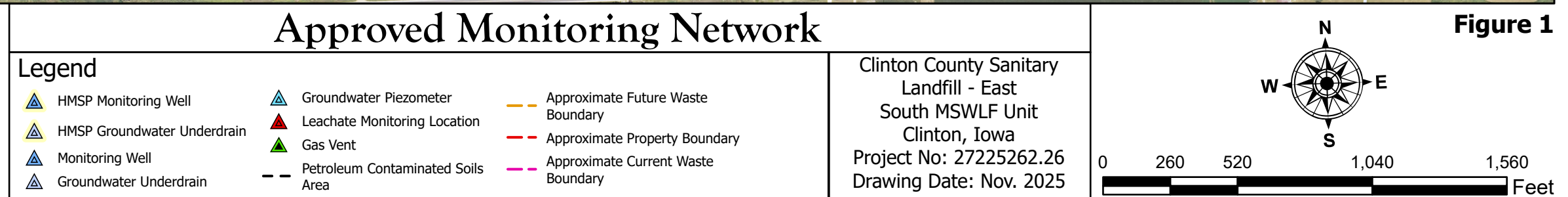
- 1) The approved remedy is monitored natural attenuation and leachate extraction (Doc #98166).
- 2) AZPOC monitoring wells MW-05-2, MW-05-3, MW-28, and MW-29 do not yet have sufficient data to perform Mann-Kendall trend analysis.

## Figures

- 1 Approved Monitoring Network
- 2 Shallow Groundwater Contours
- 3 Bedrock Groundwater Contours



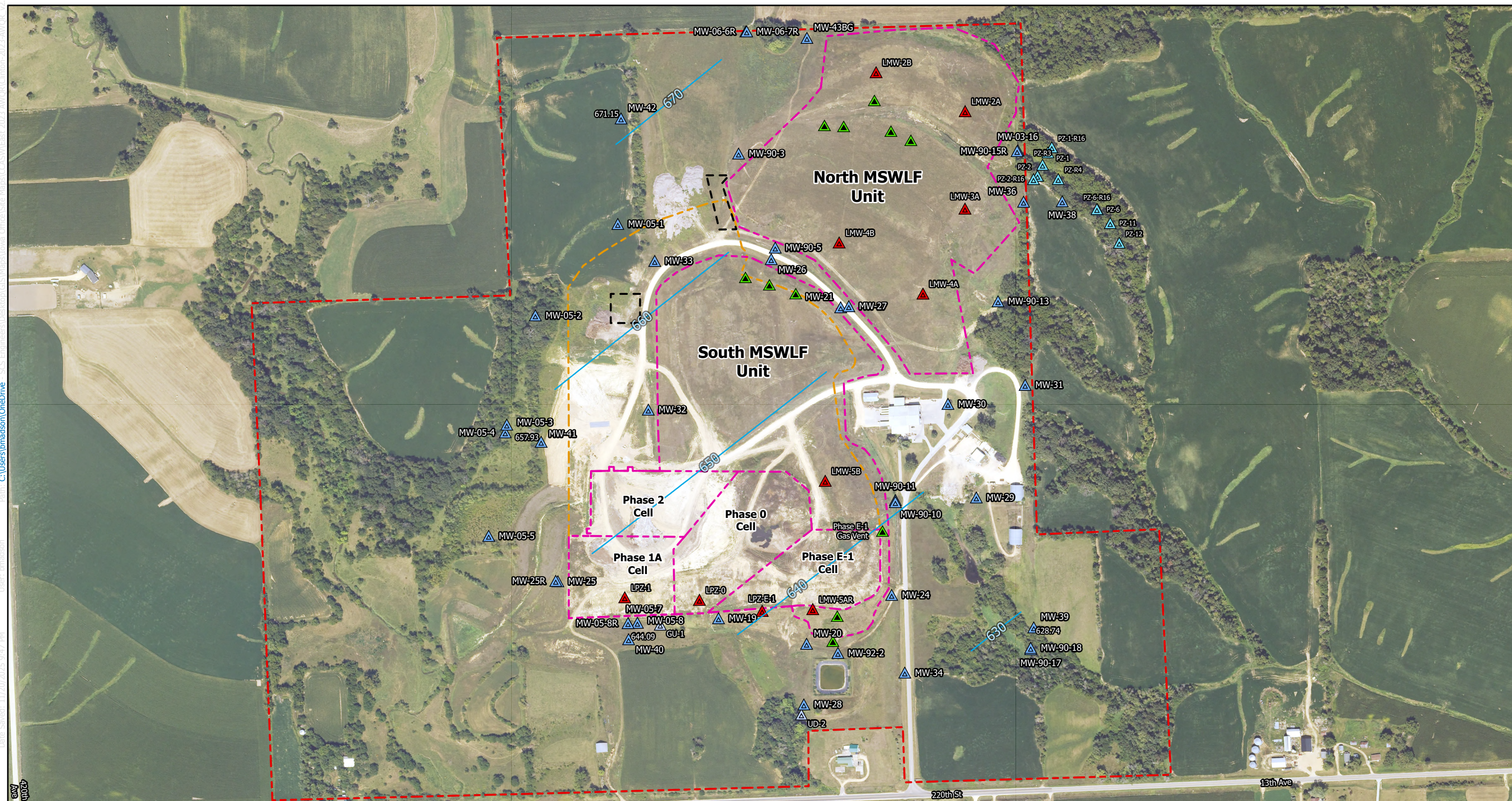
| HMSP Points          | Monitoring Program      |
|----------------------|-------------------------|
| MW-06-7R             | Background              |
| MW-05-2 (AZPOC)      | Detection               |
| MW-05-3 (AZPOC)      | Detection               |
| MW-05-8R             | Detection               |
| MW-90-11             | Source Characterization |
| MW-19                | Assessment              |
| MW-20                | Source Characterization |
| MW-24                | Source Characterization |
| MW-25R               | Detection               |
| MW-28 (AZPOC)        | Detection               |
| MW-29 (AZPOC)        | Detection               |
| MW-32                | Source Characterization |
| MW-33                | Source Characterization |
| GU-1                 | Treated with Leachate   |
| UD-2                 | Detection               |
| <b>Bedrock Wells</b> |                         |
| MW-39                | Detection               |
| MW-40                | Detection               |
| MW-41                | Detection               |
| MW-42                | Detection               |











**SCS**  
**ENGINEERS**  
environmental consultants and contractors

## Bedrock Groundwater Contours

### Legend

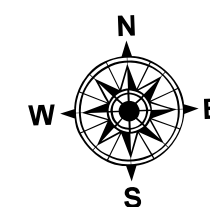
Approximate Bedrock Contours Based  
on Field Measurements Taken November  
3-6, 2025

 Monitoring Well  
 Groundwater Underdrain

 Groundwater Piezometer  
 Leachate Monitoring Location  
 Gas Vent  
 Petroleum Contaminated Soils Area

- Approximate Future Waste Boundary
- Approximate Property Boundary
- Approximate Current Waste Boundary

Clinton County Sanitary  
Landfill - East  
South MSWLF Unit  
Clinton, Iowa  
Project No: 27225262.26  
Drawing Date: Nov. 2025



### Figure 3







## Appendix A

### Field Sampling Forms

# FORM FOR GROUNDWATER SAMPLING

|                                                             |                             |
|-------------------------------------------------------------|-----------------------------|
| Project: <b>Clinton County Sanitary Landfill East-South</b> |                             |
| Monitoring Well/Piezometer ID: <b>MW-05-2</b>               | Date: <b>3/25/2025</b>      |
| Gradient: <b>Down</b>                                       | Sampler: <b>Konner Roth</b> |

|                                    |  |
|------------------------------------|--|
| <b>A. MW/PIEZOMETER CONDITIONS</b> |  |
| Well/Piezometer Capped? <b>Yes</b> |  |
| Litter/Standing Water? <b>No</b>   |  |

|                                                                  |                                            |
|------------------------------------------------------------------|--------------------------------------------|
| <b>B. GROUNDWATER ELEVATION MEASUREMENT (+/- 0.01 foot, MSL)</b> |                                            |
| Measured Well Total Depth (feet):                                | <b>32.1</b>                                |
| Initial Static Water Level (feet):                               | <b>13.61</b>                               |
| Initial Groundwater Elevation (ft-amsl):                         | <b>698.08</b>                              |
| Equipment Used:                                                  | <b>Dedicated Tubing – Peristaltic Pump</b> |

|                        |
|------------------------|
| <b>C. WELL PURGING</b> |
|------------------------|

| FIELD PARAMETERS [stabilization criteria] RECORD EVERY 3 MINUTES |                            |                               |                                               |                         |             |                    |  |
|------------------------------------------------------------------|----------------------------|-------------------------------|-----------------------------------------------|-------------------------|-------------|--------------------|--|
| Time                                                             | Temperature<br>(°C)<br>10% | Dissolved<br>Oxygen<br>(mg/L) | Specific<br>Conductance<br>(µS/cm)<br>+/- 10% | pH<br>(S.U.)<br>+/- 0.1 | ORP<br>(mV) | Turbidity<br>(NTU) |  |
| 2:06 PM                                                          | Purging start time.        |                               |                                               |                         |             |                    |  |
| 2:09 PM                                                          | 10.6                       | 5.1                           | 857.9                                         | 6.86                    | 96.1        | 6.7                |  |
| 2:12 PM                                                          | 10.7                       | 4.8                           | 855.5                                         | 6.86                    | 100.6       | 4.6                |  |
| 2:15 PM                                                          | 10.5                       | 4.8                           | 857.2                                         | 6.86                    | 104.1       | 4.5                |  |
| 2:18 PM                                                          | 10.5                       | 4.8                           | 854.9                                         | 6.86                    | 107.3       | 4.6                |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
| Parameters stabilized, sample collected.                         |                            |                               |                                               |                         |             |                    |  |

|                                                |               |
|------------------------------------------------|---------------|
| Quantity of Water Removed from Well (liters):  | <b>2.0</b>    |
| Was well pumped/bailed dry?                    | <b>No</b>     |
| Total Amount of Time Purged (minutes:seconds): | <b>12:00</b>  |
| Average Purge Rate (mL/min):                   | <b>166.67</b> |

|                                               |                                   |
|-----------------------------------------------|-----------------------------------|
| <b>D. WELL MAINTENANCE</b>                    |                                   |
| Does the well require any future maintenance? | <b>No</b>                         |
| If yes, explain:                              |                                   |
| Additional Comments:                          | <b>Color: Clear    Odor: None</b> |

# FORM FOR GROUNDWATER SAMPLING

|                                                             |                             |
|-------------------------------------------------------------|-----------------------------|
| Project: <b>Clinton County Sanitary Landfill East-South</b> |                             |
| Monitoring Well/Piezometer ID: <b>MW-05-8R</b>              | Date: <b>3/25/2025</b>      |
| Gradient: <b>Down</b>                                       | Sampler: <b>Konner Roth</b> |

| A. MW/PIEZOMETER CONDITIONS        |  |
|------------------------------------|--|
| Well/Piezometer Capped? <b>Yes</b> |  |
| Litter/Standing Water? <b>No</b>   |  |

| B. GROUNDWATER ELEVATION MEASUREMENT (+/- 0.01 foot, MSL) |                                  |
|-----------------------------------------------------------|----------------------------------|
| Measured Well Total Depth (feet):                         | <b>NM</b>                        |
| Initial Static Water Level (feet):                        | <b>40.30</b>                     |
| Initial Groundwater Elevation (ft-amsl):                  | <b>657.36</b>                    |
| Equipment Used:                                           | <b>Non-Dedicated Submersible</b> |

| C. WELL PURGING                                                  |                            |                               |                                               |                         |             |                    |  |
|------------------------------------------------------------------|----------------------------|-------------------------------|-----------------------------------------------|-------------------------|-------------|--------------------|--|
| FIELD PARAMETERS [stabilization criteria] RECORD EVERY 3 MINUTES |                            |                               |                                               |                         |             |                    |  |
| Time                                                             | Temperature<br>(°C)<br>10% | Dissolved<br>Oxygen<br>(mg/L) | Specific<br>Conductance<br>(µS/cm)<br>+/- 10% | pH<br>(S.U.)<br>+/- 0.1 | ORP<br>(mV) | Turbidity<br>(NTU) |  |
| 12:34 PM                                                         | Purging start time.        |                               |                                               |                         |             |                    |  |
| 12:37 PM                                                         | 12.3                       | 7.9                           | 396.5                                         | 7.96                    | 76.6        | 72.8               |  |
| 12:40 PM                                                         | 12.2                       | 7.9                           | 401.5                                         | 8.13                    | 77.6        | 47.9               |  |
| 12:43 PM                                                         | 12.5                       | 7.7                           | 409.0                                         | 8.06                    | 81.8        | 39.7               |  |
| 12:46 PM                                                         | 12.7                       | 7.8                           | 408.2                                         | 8.05                    | 84.6        | 35.7               |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
| Parameters stabilized, sample collected.                         |                            |                               |                                               |                         |             |                    |  |

|                                                |               |
|------------------------------------------------|---------------|
| Quantity of Water Removed from Well (liters):  | <b>1.9</b>    |
| Was well pumped/bailed dry?                    | <b>No</b>     |
| Total Amount of Time Purged (minutes:seconds): | <b>12:00</b>  |
| Average Purge Rate (mL/min):                   | <b>158.33</b> |

| D. WELL MAINTENANCE                           |                                   |
|-----------------------------------------------|-----------------------------------|
| Does the well require any future maintenance? | <b>No</b>                         |
| If yes, explain:                              |                                   |
| Additional Comments:                          | <b>Color: Cloudy   Odor: None</b> |

# FORM FOR GROUNDWATER SAMPLING

|                                                             |                             |
|-------------------------------------------------------------|-----------------------------|
| Project: <b>Clinton County Sanitary Landfill East-South</b> |                             |
| Monitoring Well/Piezometer ID: <b>MW-06-7R</b>              | Date: <b>3/24/2025</b>      |
| Gradient: <b>Up</b>                                         | Sampler: <b>Konner Roth</b> |

|                                    |  |
|------------------------------------|--|
| <b>A. MW/PIEZOMETER CONDITIONS</b> |  |
| Well/Piezometer Capped? <b>Yes</b> |  |
| Litter/Standing Water? <b>No</b>   |  |

|                                                                  |                              |
|------------------------------------------------------------------|------------------------------|
| <b>B. GROUNDWATER ELEVATION MEASUREMENT (+/- 0.01 foot, MSL)</b> |                              |
| Measured Well Total Depth (feet):                                | <b>NM</b>                    |
| Initial Static Water Level (feet):                               | <b>26.80</b>                 |
| Initial Groundwater Elevation (ft-amsl):                         | <b>719.45</b>                |
| Equipment Used:                                                  | <b>Dedicated Submersible</b> |

|                        |
|------------------------|
| <b>C. WELL PURGING</b> |
|------------------------|

| FIELD PARAMETERS [stabilization criteria] RECORD EVERY 3 MINUTES |                            |                               |                                               |                         |             |                    |  |
|------------------------------------------------------------------|----------------------------|-------------------------------|-----------------------------------------------|-------------------------|-------------|--------------------|--|
| Time                                                             | Temperature<br>(°C)<br>10% | Dissolved<br>Oxygen<br>(mg/L) | Specific<br>Conductance<br>(µS/cm)<br>+/- 10% | pH<br>(S.U.)<br>+/- 0.1 | ORP<br>(mV) | Turbidity<br>(NTU) |  |
| 2:38 PM                                                          | Purging start time.        |                               |                                               |                         |             |                    |  |
| 2:41 PM                                                          | 11.1                       | 0.6                           | 560.4                                         | 7.19                    | -161.0      | 62.2               |  |
| 2:44 PM                                                          | 11.4                       | 0.2                           | 559.6                                         | 7.18                    | -165.3      | 29.2               |  |
| 2:47 PM                                                          | 11.5                       | 0.1                           | 559.4                                         | 7.18                    | -166.5      | 18.8               |  |
| 2:50 PM                                                          | 11.5                       | <0.1                          | 559.4                                         | 7.16                    | -166.7      | 13.8               |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
| Parameters stabilized, sample collected.                         |                            |                               |                                               |                         |             |                    |  |

|                                                |               |
|------------------------------------------------|---------------|
| Quantity of Water Removed from Well (liters):  | <b>2.1</b>    |
| Was well pumped/bailed dry?                    | <b>No</b>     |
| Total Amount of Time Purged (minutes:seconds): | <b>12:00</b>  |
| Average Purge Rate (mL/min):                   | <b>175.00</b> |

|                                               |                                     |
|-----------------------------------------------|-------------------------------------|
| <b>D. WELL MAINTENANCE</b>                    |                                     |
| Does the well require any future maintenance? | <b>No</b>                           |
| If yes, explain:                              |                                     |
| Additional Comments:                          | <b>Color: Clear    Odor: Sulfur</b> |

# FORM FOR GROUNDWATER SAMPLING

|                                                             |                             |
|-------------------------------------------------------------|-----------------------------|
| Project: <b>Clinton County Sanitary Landfill East-South</b> |                             |
| Monitoring Well/Piezometer ID: <b>MW-19</b>                 | Date: <b>3/25/2025</b>      |
| Gradient: <b>Down</b>                                       | Sampler: <b>Konner Roth</b> |

|                                    |  |
|------------------------------------|--|
| <b>A. MW/PIEZOMETER CONDITIONS</b> |  |
| Well/Piezometer Capped? <b>Yes</b> |  |
| Litter/Standing Water? <b>No</b>   |  |

|                                                                  |                                            |
|------------------------------------------------------------------|--------------------------------------------|
| <b>B. GROUNDWATER ELEVATION MEASUREMENT (+/- 0.01 foot, MSL)</b> |                                            |
| Measured Well Total Depth (feet):                                | <b>31.4</b>                                |
| Initial Static Water Level (feet):                               | <b>22.04</b>                               |
| Initial Groundwater Elevation (ft-amsl):                         | <b>664.78</b>                              |
| Equipment Used:                                                  | <b>Dedicated Tubing – Peristaltic Pump</b> |

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| <b>C. WELL PURGING</b> |
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| FIELD PARAMETERS [stabilization criteria] RECORD EVERY 3 MINUTES |                            |                               |                                               |                         |             |                    |  |
|------------------------------------------------------------------|----------------------------|-------------------------------|-----------------------------------------------|-------------------------|-------------|--------------------|--|
| Time                                                             | Temperature<br>(°C)<br>10% | Dissolved<br>Oxygen<br>(mg/L) | Specific<br>Conductance<br>(µS/cm)<br>+/- 10% | pH<br>(S.U.)<br>+/- 0.1 | ORP<br>(mV) | Turbidity<br>(NTU) |  |
| 10:10 AM                                                         | Purging start time.        |                               |                                               |                         |             |                    |  |
| 10:13 AM                                                         | 9.9                        | 1.8                           | 1430.1                                        | 6.73                    | 18.5        | 4.1                |  |
| 10:16 AM                                                         | 9.8                        | 1.4                           | 1409.5                                        | 6.70                    | 21.5        | 4.5                |  |
| 10:19 AM                                                         | 10.0                       | 1.4                           | 1404.5                                        | 6.69                    | 27.2        | 5.4                |  |
| 10:22 AM                                                         | 10.0                       | 1.8                           | 1404.3                                        | 6.69                    | 34.6        | 4.7                |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
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|                                                                  |                            |                               |                                               |                         |             |                    |  |
| Parameters stabilized, sample collected.                         |                            |                               |                                               |                         |             |                    |  |

|                                                |               |
|------------------------------------------------|---------------|
| Quantity of Water Removed from Well (liters):  | <b>1.8</b>    |
| Was well pumped/bailed dry?                    | <b>No</b>     |
| Total Amount of Time Purged (minutes:seconds): | <b>12:00</b>  |
| Average Purge Rate (mL/min):                   | <b>150.00</b> |

|                                               |                                   |
|-----------------------------------------------|-----------------------------------|
| <b>D. WELL MAINTENANCE</b>                    |                                   |
| Does the well require any future maintenance? | <b>No</b>                         |
| If yes, explain:                              |                                   |
| Additional Comments:                          | <b>Color: Clear    Odor: None</b> |

# FORM FOR GROUNDWATER SAMPLING

|                                                             |                             |
|-------------------------------------------------------------|-----------------------------|
| Project: <b>Clinton County Sanitary Landfill East-South</b> |                             |
| Monitoring Well/Piezometer ID: <b>MW-20</b>                 | Date: <b>3/25/2025</b>      |
| Gradient: <b>Down</b>                                       | Sampler: <b>Konner Roth</b> |

|                                    |  |
|------------------------------------|--|
| <b>A. MW/PIEZOMETER CONDITIONS</b> |  |
| Well/Piezometer Capped? <b>Yes</b> |  |
| Litter/Standing Water? <b>No</b>   |  |

|                                                                  |                                            |
|------------------------------------------------------------------|--------------------------------------------|
| <b>B. GROUNDWATER ELEVATION MEASUREMENT (+/- 0.01 foot, MSL)</b> |                                            |
| Measured Well Total Depth (feet):                                | <b>25.6</b>                                |
| Initial Static Water Level (feet):                               | <b>16.30</b>                               |
| Initial Groundwater Elevation (ft-amsl):                         | <b>670.45</b>                              |
| Equipment Used:                                                  | <b>Dedicated Tubing – Peristaltic Pump</b> |

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| <b>C. WELL PURGING</b> |
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| FIELD PARAMETERS [stabilization criteria] RECORD EVERY 3 MINUTES |                            |                               |                                               |                         |             |                    |  |
|------------------------------------------------------------------|----------------------------|-------------------------------|-----------------------------------------------|-------------------------|-------------|--------------------|--|
| Time                                                             | Temperature<br>(°C)<br>10% | Dissolved<br>Oxygen<br>(mg/L) | Specific<br>Conductance<br>(µS/cm)<br>+/- 10% | pH<br>(S.U.)<br>+/- 0.1 | ORP<br>(mV) | Turbidity<br>(NTU) |  |
| 9:31 AM                                                          | Purging start time.        |                               |                                               |                         |             |                    |  |
| 9:34 AM                                                          | 9.4                        | 1.2                           | 2474.9                                        | 6.43                    | 76.4        | 4.2                |  |
| 9:37 AM                                                          | 9.6                        | 0.4                           | 2509.9                                        | 6.43                    | 6.8         | 3.6                |  |
| 9:40 AM                                                          | 9.6                        | 0.2                           | 2517.6                                        | 6.44                    | -32.2       | 3.7                |  |
| 9:43 AM                                                          | 9.6                        | 0.1                           | 2517.4                                        | 6.45                    | -52.1       | 3.6                |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
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| Parameters stabilized, sample collected.                         |                            |                               |                                               |                         |             |                    |  |

|                                                |               |
|------------------------------------------------|---------------|
| Quantity of Water Removed from Well (liters):  | <b>1.8</b>    |
| Was well pumped/bailed dry?                    | <b>No</b>     |
| Total Amount of Time Purged (minutes:seconds): | <b>12:00</b>  |
| Average Purge Rate (mL/min):                   | <b>150.00</b> |

|                                               |                                       |
|-----------------------------------------------|---------------------------------------|
| <b>D. WELL MAINTENANCE</b>                    |                                       |
| Does the well require any future maintenance? | <b>No</b>                             |
| If yes, explain:                              |                                       |
| Additional Comments:                          | <b>Color: Clear    Odor: Landfill</b> |



# FORM FOR GROUNDWATER SAMPLING

|                                                             |                             |
|-------------------------------------------------------------|-----------------------------|
| Project: <b>Clinton County Sanitary Landfill East-South</b> |                             |
| Monitoring Well/Piezometer ID: <b>MW-24</b>                 | Date: <b>3/25/2025</b>      |
| Gradient: <b>Down</b>                                       | Sampler: <b>Konner Roth</b> |

|                                    |  |
|------------------------------------|--|
| <b>A. MW/PIEZOMETER CONDITIONS</b> |  |
| Well/Piezometer Capped? <b>Yes</b> |  |
| Litter/Standing Water? <b>No</b>   |  |

|                                                                  |                                            |
|------------------------------------------------------------------|--------------------------------------------|
| <b>B. GROUNDWATER ELEVATION MEASUREMENT (+/- 0.01 foot, MSL)</b> |                                            |
| Measured Well Total Depth (feet):                                | <b>35.4</b>                                |
| Initial Static Water Level (feet):                               | <b>15.25</b>                               |
| Initial Groundwater Elevation (ft-amsl):                         | <b>692.02</b>                              |
| Equipment Used:                                                  | <b>Dedicated Tubing – Peristaltic Pump</b> |

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| <b>C. WELL PURGING</b> |
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| FIELD PARAMETERS [stabilization criteria] RECORD EVERY 3 MINUTES |                            |                               |                                               |                         |             |                    |  |
|------------------------------------------------------------------|----------------------------|-------------------------------|-----------------------------------------------|-------------------------|-------------|--------------------|--|
| Time                                                             | Temperature<br>(°C)<br>10% | Dissolved<br>Oxygen<br>(mg/L) | Specific<br>Conductance<br>(µS/cm)<br>+/- 10% | pH<br>(S.U.)<br>+/- 0.1 | ORP<br>(mV) | Turbidity<br>(NTU) |  |
| 11:07 AM                                                         | Purging start time.        |                               |                                               |                         |             |                    |  |
| 11:10 AM                                                         | 11.3                       | 0.8                           | 1917.3                                        | 6.51                    | -15.6       | 7.4                |  |
| 11:13 AM                                                         | 11.4                       | 0.2                           | 1933.4                                        | 6.51                    | -73.2       | 6.2                |  |
| 11:16 AM                                                         | 11.4                       | 0.1                           | 1935.0                                        | 6.51                    | -90.7       | 5.9                |  |
| 11:19 AM                                                         | 11.6                       | <0.1                          | 1939.6                                        | 6.51                    | -99.2       | 6.1                |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
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|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
| Parameters stabilized, sample collected.                         |                            |                               |                                               |                         |             |                    |  |

|                                                |               |
|------------------------------------------------|---------------|
| Quantity of Water Removed from Well (liters):  | <b>1.5</b>    |
| Was well pumped/bailed dry?                    | <b>No</b>     |
| Total Amount of Time Purged (minutes:seconds): | <b>12:00</b>  |
| Average Purge Rate (mL/min):                   | <b>125.00</b> |

|                                               |                                       |
|-----------------------------------------------|---------------------------------------|
| <b>D. WELL MAINTENANCE</b>                    |                                       |
| Does the well require any future maintenance? | <b>No</b>                             |
| If yes, explain:                              |                                       |
| Additional Comments:                          | <b>Color: Clear    Odor: Landfill</b> |

# FORM FOR GROUNDWATER SAMPLING

|                                                             |                             |
|-------------------------------------------------------------|-----------------------------|
| Project: <b>Clinton County Sanitary Landfill East-South</b> |                             |
| Monitoring Well/Piezometer ID: <b>MW-25R</b>                | Date: <b>3/25/2025</b>      |
| Gradient: <b>Up</b>                                         | Sampler: <b>Konner Roth</b> |

| A. MW/PIEZOMETER CONDITIONS |     |
|-----------------------------|-----|
| Well/Piezometer Capped?     | Yes |
| Litter/Standing Water?      | No  |

| B. GROUNDWATER ELEVATION MEASUREMENT (+/- 0.01 foot, MSL) |                                     |
|-----------------------------------------------------------|-------------------------------------|
| Measured Well Total Depth (feet):                         | 50.3                                |
| Initial Static Water Level (feet):                        | 50.00                               |
| Initial Groundwater Elevation (ft-amsl):                  | 652.79                              |
| Equipment Used:                                           | Dedicated Tubing – Peristaltic Pump |

## C. WELL PURGING

| FIELD PARAMETERS [stabilization criteria] RECORD EVERY 3 MINUTES |                                          |                               |                                               |                         |             |                    |  |
|------------------------------------------------------------------|------------------------------------------|-------------------------------|-----------------------------------------------|-------------------------|-------------|--------------------|--|
| Time                                                             | Temperature<br>(°C)<br>10%               | Dissolved<br>Oxygen<br>(mg/L) | Specific<br>Conductance<br>(µS/cm)<br>+/- 10% | pH<br>(S.U.)<br>+/- 0.1 | ORP<br>(mV) | Turbidity<br>(NTU) |  |
|                                                                  | Purging start time.                      |                               |                                               |                         |             |                    |  |
|                                                                  |                                          |                               |                                               |                         |             |                    |  |
|                                                                  |                                          |                               |                                               |                         |             |                    |  |
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|                                                                  |                                          |                               |                                               |                         |             |                    |  |
|                                                                  |                                          |                               |                                               |                         |             |                    |  |
|                                                                  | Parameters stabilized, sample collected. |                               |                                               |                         |             |                    |  |

|                                                |      |
|------------------------------------------------|------|
| Quantity of Water Removed from Well (liters):  | 0.0  |
| Was well pumped/bailed dry?                    | No   |
| Total Amount of Time Purged (minutes:seconds): | NM   |
| Average Purge Rate (mL/min):                   | 0.00 |

| D. WELL MAINTENANCE                           |                                |
|-----------------------------------------------|--------------------------------|
| Does the well require any future maintenance? | No                             |
| If yes, explain:                              |                                |
| Additional Comments:                          | Insufficient water, no sample. |

# FORM FOR GROUNDWATER SAMPLING

|                                                             |                             |
|-------------------------------------------------------------|-----------------------------|
| Project: <b>Clinton County Sanitary Landfill East-South</b> |                             |
| Monitoring Well/Piezometer ID: <b>MW-28</b>                 | Date: <b>3/25/2025</b>      |
| Gradient: <b>Down</b>                                       | Sampler: <b>Konner Roth</b> |

|                                    |  |
|------------------------------------|--|
| <b>A. MW/PIEZOMETER CONDITIONS</b> |  |
| Well/Piezometer Capped? <b>Yes</b> |  |
| Litter/Standing Water? <b>No</b>   |  |

|                                                                  |                                            |
|------------------------------------------------------------------|--------------------------------------------|
| <b>B. GROUNDWATER ELEVATION MEASUREMENT (+/- 0.01 foot, MSL)</b> |                                            |
| Measured Well Total Depth (feet):                                | <b>NM</b>                                  |
| Initial Static Water Level (feet):                               | <b>Dry</b>                                 |
| Initial Groundwater Elevation (ft-amsl):                         | <b>NA</b>                                  |
| Equipment Used:                                                  | <b>Dedicated Tubing – Peristaltic Pump</b> |

|                        |
|------------------------|
| <b>C. WELL PURGING</b> |
|------------------------|

| FIELD PARAMETERS [stabilization criteria] RECORD EVERY 3 MINUTES |                                          |                               |                                               |                         |             |                    |  |
|------------------------------------------------------------------|------------------------------------------|-------------------------------|-----------------------------------------------|-------------------------|-------------|--------------------|--|
| Time                                                             | Temperature<br>(°C)<br>10%               | Dissolved<br>Oxygen<br>(mg/L) | Specific<br>Conductance<br>(µS/cm)<br>+/- 10% | pH<br>(S.U.)<br>+/- 0.1 | ORP<br>(mV) | Turbidity<br>(NTU) |  |
|                                                                  | Purging start time.                      |                               |                                               |                         |             |                    |  |
|                                                                  |                                          |                               |                                               |                         |             |                    |  |
|                                                                  |                                          |                               |                                               |                         |             |                    |  |
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|                                                                  |                                          |                               |                                               |                         |             |                    |  |
|                                                                  |                                          |                               |                                               |                         |             |                    |  |
|                                                                  | Parameters stabilized, sample collected. |                               |                                               |                         |             |                    |  |

|                                                |             |
|------------------------------------------------|-------------|
| Quantity of Water Removed from Well (liters):  | <b>0.0</b>  |
| Was well pumped/bailed dry?                    | <b>No</b>   |
| Total Amount of Time Purged (minutes:seconds): | <b>NM</b>   |
| Average Purge Rate (mL/min):                   | <b>0.00</b> |

|                                               |                                 |
|-----------------------------------------------|---------------------------------|
| <b>D. WELL MAINTENANCE</b>                    |                                 |
| Does the well require any future maintenance? | <b>No</b>                       |
| If yes, explain:                              |                                 |
| Additional Comments:                          | <b>Well was dry, no sample.</b> |

# FORM FOR GROUNDWATER SAMPLING

|                                                             |                             |
|-------------------------------------------------------------|-----------------------------|
| Project: <b>Clinton County Sanitary Landfill East-South</b> |                             |
| Monitoring Well/Piezometer ID: <b>MW-29</b>                 | Date: <b>3/25/2025</b>      |
| Gradient: <b>Down</b>                                       | Sampler: <b>Konner Roth</b> |

| A. MW/PIEZOMETER CONDITIONS |     |
|-----------------------------|-----|
| Well/Piezometer Capped?     | Yes |
| Litter/Standing Water?      | No  |

| B. GROUNDWATER ELEVATION MEASUREMENT (+/- 0.01 foot, MSL) |                                     |
|-----------------------------------------------------------|-------------------------------------|
| Measured Well Total Depth (feet):                         | 23.1                                |
| Initial Static Water Level (feet):                        | 19.22                               |
| Initial Groundwater Elevation (ft-amsl):                  | 685.56                              |
| Equipment Used:                                           | Dedicated Tubing – Peristaltic Pump |

## C. WELL PURGING

| FIELD PARAMETERS [stabilization criteria] RECORD EVERY 3 MINUTES |                            |                               |                                               |                         |             |                    |  |
|------------------------------------------------------------------|----------------------------|-------------------------------|-----------------------------------------------|-------------------------|-------------|--------------------|--|
| Time                                                             | Temperature<br>(°C)<br>10% | Dissolved<br>Oxygen<br>(mg/L) | Specific<br>Conductance<br>(µS/cm)<br>+/- 10% | pH<br>(S.U.)<br>+/- 0.1 | ORP<br>(mV) | Turbidity<br>(NTU) |  |
| 3:36 PM                                                          | Purging start time.        |                               |                                               |                         |             |                    |  |
| 3:39 PM                                                          | 11.3                       | 3.9                           | 1047.7                                        | 6.73                    | 155.8       | 6.4                |  |
| 3:42 PM                                                          | 11.3                       | 5.9                           | 991.4                                         | 6.78                    | 155.9       | 6.8                |  |
| 3:45 PM                                                          | 11.3                       | 6.8                           | 981.2                                         | 6.79                    | 158.2       | 6.9                |  |
| 3:48 PM                                                          | 11.2                       | 6.6                           | 984.8                                         | 6.79                    | 160.6       | 7.4                |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
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|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
| Parameters stabilized, sample collected.                         |                            |                               |                                               |                         |             |                    |  |

|                                                |        |
|------------------------------------------------|--------|
| Quantity of Water Removed from Well (liters):  | 2.0    |
| Was well pumped/bailed dry?                    | No     |
| Total Amount of Time Purged (minutes:seconds): | 12:00  |
| Average Purge Rate (mL/min):                   | 166.67 |

| D. WELL MAINTENANCE                           |                            |
|-----------------------------------------------|----------------------------|
| Does the well require any future maintenance? | No                         |
| If yes, explain:                              |                            |
| Additional Comments:                          | Color: Clear    Odor: None |

# FORM FOR GROUNDWATER SAMPLING

|                                                             |                               |
|-------------------------------------------------------------|-------------------------------|
| Project: <b>Clinton County Sanitary Landfill East-South</b> |                               |
| Monitoring Well/Piezometer ID: <b>MW-32</b>                 | Date: <b>3/25/2025</b>        |
| Gradient: <b>Down</b>                                       | Sampler: <b>Garrett Horak</b> |

|                                    |  |
|------------------------------------|--|
| <b>A. MW/PIEZOMETER CONDITIONS</b> |  |
| Well/Piezometer Capped? <b>Yes</b> |  |
| Litter/Standing Water? <b>No</b>   |  |

|                                                                  |                                            |
|------------------------------------------------------------------|--------------------------------------------|
| <b>B. GROUNDWATER ELEVATION MEASUREMENT (+/- 0.01 foot, MSL)</b> |                                            |
| Measured Well Total Depth (feet):                                | <b>NM</b>                                  |
| Initial Static Water Level (feet):                               | <b>31.70</b>                               |
| Initial Groundwater Elevation (ft-amsl):                         | <b>701.73</b>                              |
| Equipment Used:                                                  | <b>Dedicated Tubing – Peristaltic Pump</b> |

## C. WELL PURGING

| FIELD PARAMETERS [stabilization criteria] RECORD EVERY 3 MINUTES |                            |                               |                                               |                         |             |                    |  |
|------------------------------------------------------------------|----------------------------|-------------------------------|-----------------------------------------------|-------------------------|-------------|--------------------|--|
| Time                                                             | Temperature<br>(°C)<br>10% | Dissolved<br>Oxygen<br>(mg/L) | Specific<br>Conductance<br>(µS/cm)<br>+/- 10% | pH<br>(S.U.)<br>+/- 0.1 | ORP<br>(mV) | Turbidity<br>(NTU) |  |
| 10:20 AM                                                         | Purging start time.        |                               |                                               |                         |             |                    |  |
| 10:23 AM                                                         | 12.8                       | 0.5                           | 1183.3                                        | 6.48                    | -54.8       | 3108.7             |  |
| 10:26 AM                                                         | 13.2                       | 0.2                           | 1186.1                                        | 6.44                    | -53.7       | 1901.0             |  |
| 10:29 AM                                                         | 12.9                       | 0.1                           | 1209.7                                        | 6.41                    | -50.1       | 1239.2             |  |
| 10:32 AM                                                         | 12.8                       | 0.1                           | 1238.2                                        | 6.40                    | -47.1       | 802.0              |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
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|                                                                  |                            |                               |                                               |                         |             |                    |  |
| Parameters stabilized, sample collected.                         |                            |                               |                                               |                         |             |                    |  |

|                                                |               |
|------------------------------------------------|---------------|
| Quantity of Water Removed from Well (liters):  | <b>2.7</b>    |
| Was well pumped/bailed dry?                    | <b>No</b>     |
| Total Amount of Time Purged (minutes:seconds): | <b>12:00</b>  |
| Average Purge Rate (mL/min):                   | <b>225.00</b> |

|                                               |                                                                                                                                                                                                      |
|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>D. WELL MAINTENANCE</b>                    |                                                                                                                                                                                                      |
| Does the well require any future maintenance? | <b>No</b>                                                                                                                                                                                            |
| If yes, explain:                              |                                                                                                                                                                                                      |
| Additional Comments:                          | Color: Brown    Odor: None<br>Installed new sub tubing. Sub pump was functional, but not reaching the water level. Cable for pump may be too short as well. SS pump used at lowest setting possible. |



# FORM FOR GROUNDWATER SAMPLING

[illegible]

# FORM FOR GROUNDWATER SAMPLING

|                                                             |                             |
|-------------------------------------------------------------|-----------------------------|
| Project: <b>Clinton County Sanitary Landfill East-South</b> |                             |
| Monitoring Well/Piezometer ID: <b>MW-34</b>                 | Date: <b>3/25/2025</b>      |
| Gradient: <b>Down</b>                                       | Sampler: <b>Konner Roth</b> |

|                                    |  |
|------------------------------------|--|
| <b>A. MW/PIEZOMETER CONDITIONS</b> |  |
| Well/Piezometer Capped? <b>Yes</b> |  |
| Litter/Standing Water? <b>No</b>   |  |

|                                                                  |                                            |
|------------------------------------------------------------------|--------------------------------------------|
| <b>B. GROUNDWATER ELEVATION MEASUREMENT (+/- 0.01 foot, MSL)</b> |                                            |
| Measured Well Total Depth (feet):                                | <b>NM</b>                                  |
| Initial Static Water Level (feet):                               | <b>Dry</b>                                 |
| Initial Groundwater Elevation (ft-amsl):                         | <b>NA</b>                                  |
| Equipment Used:                                                  | <b>Dedicated Tubing – Peristaltic Pump</b> |

|                        |
|------------------------|
| <b>C. WELL PURGING</b> |
|------------------------|

| FIELD PARAMETERS [stabilization criteria] RECORD EVERY 3 MINUTES |                                          |                               |                                               |                         |             |                    |  |
|------------------------------------------------------------------|------------------------------------------|-------------------------------|-----------------------------------------------|-------------------------|-------------|--------------------|--|
| Time                                                             | Temperature<br>(°C)<br>10%               | Dissolved<br>Oxygen<br>(mg/L) | Specific<br>Conductance<br>(µS/cm)<br>+/- 10% | pH<br>(S.U.)<br>+/- 0.1 | ORP<br>(mV) | Turbidity<br>(NTU) |  |
|                                                                  | Purging start time.                      |                               |                                               |                         |             |                    |  |
|                                                                  |                                          |                               |                                               |                         |             |                    |  |
|                                                                  |                                          |                               |                                               |                         |             |                    |  |
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|                                                                  |                                          |                               |                                               |                         |             |                    |  |
|                                                                  | Parameters stabilized, sample collected. |                               |                                               |                         |             |                    |  |

|                                                |             |
|------------------------------------------------|-------------|
| Quantity of Water Removed from Well (liters):  | <b>0.0</b>  |
| Was well pumped/bailed dry?                    | <b>No</b>   |
| Total Amount of Time Purged (minutes:seconds): | <b>NA</b>   |
| Average Purge Rate (mL/min):                   | <b>0.00</b> |

|                                               |                                 |
|-----------------------------------------------|---------------------------------|
| <b>D. WELL MAINTENANCE</b>                    |                                 |
| Does the well require any future maintenance? | <b>No</b>                       |
| If yes, explain:                              |                                 |
| Additional Comments:                          | <b>Well was dry, no sample.</b> |

# FORM FOR GROUNDWATER SAMPLING

|                                                             |                             |
|-------------------------------------------------------------|-----------------------------|
| Project: <b>Clinton County Sanitary Landfill East-South</b> |                             |
| Monitoring Well/Piezometer ID: <b>MW-39</b>                 | Date: <b>3/25/2025</b>      |
| Gradient: <b>Down</b>                                       | Sampler: <b>Konner Roth</b> |

|                                    |  |
|------------------------------------|--|
| <b>A. MW/PIEZOMETER CONDITIONS</b> |  |
| Well/Piezometer Capped? <b>Yes</b> |  |
| Litter/Standing Water? <b>No</b>   |  |

|                                                                  |                                            |
|------------------------------------------------------------------|--------------------------------------------|
| <b>B. GROUNDWATER ELEVATION MEASUREMENT (+/- 0.01 foot, MSL)</b> |                                            |
| Measured Well Total Depth (feet):                                | <b>NM</b>                                  |
| Initial Static Water Level (feet):                               | <b>43.18</b>                               |
| Initial Groundwater Elevation (ft-amsl):                         | <b>630.45</b>                              |
| Equipment Used:                                                  | <b>Dedicated Tubing – Peristaltic Pump</b> |

|                        |
|------------------------|
| <b>C. WELL PURGING</b> |
|------------------------|

| FIELD PARAMETERS [stabilization criteria] RECORD EVERY 3 MINUTES |                            |                               |                                               |                         |             |                    |  |
|------------------------------------------------------------------|----------------------------|-------------------------------|-----------------------------------------------|-------------------------|-------------|--------------------|--|
| Time                                                             | Temperature<br>(°C)<br>10% | Dissolved<br>Oxygen<br>(mg/L) | Specific<br>Conductance<br>(µS/cm)<br>+/- 10% | pH<br>(S.U.)<br>+/- 0.1 | ORP<br>(mV) | Turbidity<br>(NTU) |  |
| 4:19 PM                                                          | Purging start time.        |                               |                                               |                         |             |                    |  |
| 4:22 PM                                                          | 11.6                       | 0.8                           | 716.9                                         | 7.11                    | -25.3       | 21.8               |  |
| 4:25 PM                                                          | 11.5                       | 0.5                           | 717.6                                         | 7.07                    | -68.8       | 45.8               |  |
| 4:28 PM                                                          | 11.4                       | 0.3                           | 717.2                                         | 7.05                    | -87.8       | 38.9               |  |
| 4:31 PM                                                          | 11.3                       | 0.3                           | 717.2                                         | 7.04                    | -87.8       | 38.9               |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
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|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
| Parameters stabilized, sample collected.                         |                            |                               |                                               |                         |             |                    |  |

|                                                |               |
|------------------------------------------------|---------------|
| Quantity of Water Removed from Well (liters):  | <b>2.1</b>    |
| Was well pumped/bailed dry?                    | <b>No</b>     |
| Total Amount of Time Purged (minutes:seconds): | <b>12:00</b>  |
| Average Purge Rate (mL/min):                   | <b>175.00</b> |

|                                               |                                     |
|-----------------------------------------------|-------------------------------------|
| <b>D. WELL MAINTENANCE</b>                    |                                     |
| Does the well require any future maintenance? | <b>No</b>                           |
| If yes, explain:                              |                                     |
| Additional Comments:                          | <b>Color: Clear    Odor: Sulfur</b> |

# FORM FOR GROUNDWATER SAMPLING

|                                                             |                             |
|-------------------------------------------------------------|-----------------------------|
| Project: <b>Clinton County Sanitary Landfill East-South</b> |                             |
| Monitoring Well/Piezometer ID: <b>MW-40</b>                 | Date: <b>3/25/2025</b>      |
| Gradient: <b>Down</b>                                       | Sampler: <b>Konner Roth</b> |

|                                    |  |
|------------------------------------|--|
| <b>A. MW/PIEZOMETER CONDITIONS</b> |  |
| Well/Piezometer Capped? <b>Yes</b> |  |
| Litter/Standing Water? <b>No</b>   |  |

|                                                                  |                           |
|------------------------------------------------------------------|---------------------------|
| <b>B. GROUNDWATER ELEVATION MEASUREMENT (+/- 0.01 foot, MSL)</b> |                           |
| Measured Well Total Depth (feet):                                | 94.5                      |
| Initial Static Water Level (feet):                               | 74.50                     |
| Initial Groundwater Elevation (ft-amsl):                         | 643.59                    |
| Equipment Used:                                                  | Non-Dedicated Submersible |

|                        |
|------------------------|
| <b>C. WELL PURGING</b> |
|------------------------|

| FIELD PARAMETERS [stabilization criteria] RECORD EVERY 3 MINUTES |                            |                               |                                               |                         |             |                    |  |
|------------------------------------------------------------------|----------------------------|-------------------------------|-----------------------------------------------|-------------------------|-------------|--------------------|--|
| Time                                                             | Temperature<br>(°C)<br>10% | Dissolved<br>Oxygen<br>(mg/L) | Specific<br>Conductance<br>(µS/cm)<br>+/- 10% | pH<br>(S.U.)<br>+/- 0.1 | ORP<br>(mV) | Turbidity<br>(NTU) |  |
| 11:57 AM                                                         | Purging start time.        |                               |                                               |                         |             |                    |  |
| 12:00 PM                                                         | 11.6                       | 2.8                           | 754.8                                         | 7.09                    | 48.9        | 274.2              |  |
| 12:03 PM                                                         | 11.5                       | 2.1                           | 746.8                                         | 7.07                    | 44.1        | 220.1              |  |
| 12:06 PM                                                         | 11.7                       | 2.3                           | 747.9                                         | 7.06                    | 37.9        | 290.0              |  |
| 12:09 PM                                                         | 11.9                       | 2.6                           | 753.3                                         | 7.05                    | 31.6        | 283.6              |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
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|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
| Parameters stabilized, sample collected.                         |                            |                               |                                               |                         |             |                    |  |

|                                                |        |
|------------------------------------------------|--------|
| Quantity of Water Removed from Well (liters):  | 2.5    |
| Was well pumped/bailed dry?                    | No     |
| Total Amount of Time Purged (minutes:seconds): | 12:00  |
| Average Purge Rate (mL/min):                   | 208.33 |

|                                               |                                                                                                        |
|-----------------------------------------------|--------------------------------------------------------------------------------------------------------|
| <b>D. WELL MAINTENANCE</b>                    |                                                                                                        |
| Does the well require any future maintenance? | No                                                                                                     |
| If yes, explain:                              |                                                                                                        |
| Additional Comments:                          | Color: Clear   Odor: None<br>Ran Stainless Steel Pump as slowly as we could while still drawing water. |

# FORM FOR GROUNDWATER SAMPLING

|                                                             |                             |
|-------------------------------------------------------------|-----------------------------|
| Project: <b>Clinton County Sanitary Landfill East-South</b> |                             |
| Monitoring Well/Piezometer ID: <b>MW-41</b>                 | Date: <b>3/25/2025</b>      |
| Gradient: <b>Down</b>                                       | Sampler: <b>Konner Roth</b> |

| A. MW/PIEZOMETER CONDITIONS |     |
|-----------------------------|-----|
| Well/Piezometer Capped?     | Yes |
| Litter/Standing Water?      | No  |

| B. GROUNDWATER ELEVATION MEASUREMENT (+/- 0.01 foot, MSL) |                           |
|-----------------------------------------------------------|---------------------------|
| Measured Well Total Depth (feet):                         | NM                        |
| Initial Static Water Level (feet):                        | 60.05                     |
| Initial Groundwater Elevation (ft-amsl):                  | 658.22                    |
| Equipment Used:                                           | Non-Dedicated Submersible |

| C. WELL PURGING                                                  |                            |                               |                                               |                         |             |                    |  |
|------------------------------------------------------------------|----------------------------|-------------------------------|-----------------------------------------------|-------------------------|-------------|--------------------|--|
| FIELD PARAMETERS [stabilization criteria] RECORD EVERY 3 MINUTES |                            |                               |                                               |                         |             |                    |  |
| Time                                                             | Temperature<br>(°C)<br>10% | Dissolved<br>Oxygen<br>(mg/L) | Specific<br>Conductance<br>(µS/cm)<br>+/- 10% | pH<br>(S.U.)<br>+/- 0.1 | ORP<br>(mV) | Turbidity<br>(NTU) |  |
| 1:23 PM                                                          | Purging start time.        |                               |                                               |                         |             |                    |  |
| 1:26 PM                                                          | 12.0                       | 1.0                           | 830.9                                         | 7.00                    | -68.1       | 28.8               |  |
| 1:29 PM                                                          | 11.8                       | 0.5                           | 832.6                                         | 7.01                    | -93.8       | 26.2               |  |
| 1:32 PM                                                          | 11.9                       | 0.3                           | 837.2                                         | 6.99                    | -92.7       | 12.9               |  |
| 1:35 PM                                                          | 12.1                       | 0.2                           | 838.2                                         | 6.99                    | -85.2       | 10.0               |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
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|                                                                  |                            |                               |                                               |                         |             |                    |  |
| Parameters stabilized, sample collected.                         |                            |                               |                                               |                         |             |                    |  |

|                                                |        |
|------------------------------------------------|--------|
| Quantity of Water Removed from Well (liters):  | 2.5    |
| Was well pumped/bailed dry?                    | No     |
| Total Amount of Time Purged (minutes:seconds): | 12:00  |
| Average Purge Rate (mL/min):                   | 208.33 |

| D. WELL MAINTENANCE                           |                                                                                                            |
|-----------------------------------------------|------------------------------------------------------------------------------------------------------------|
| Does the well require any future maintenance? | No                                                                                                         |
| If yes, explain:                              |                                                                                                            |
| Additional Comments:                          | Color: Clear Odor: Sulfur<br>Went as slow as possible with Stainless Steel pump while still drawing water. |



# FORM FOR GROUNDWATER SAMPLING

|                                                             |                             |
|-------------------------------------------------------------|-----------------------------|
| Project: <b>Clinton County Sanitary Landfill East-South</b> |                             |
| Monitoring Well/Piezometer ID: <b>MW-42</b>                 | Date: <b>3/25/2025</b>      |
| Gradient: <b>Down</b>                                       | Sampler: <b>Konner Roth</b> |

|                                    |  |
|------------------------------------|--|
| <b>A. MW/PIEZOMETER CONDITIONS</b> |  |
| Well/Piezometer Capped? <b>Yes</b> |  |
| Litter/Standing Water? <b>No</b>   |  |

|                                                                  |                                            |
|------------------------------------------------------------------|--------------------------------------------|
| <b>B. GROUNDWATER ELEVATION MEASUREMENT (+/- 0.01 foot, MSL)</b> |                                            |
| Measured Well Total Depth (feet):                                | <b>NM</b>                                  |
| Initial Static Water Level (feet):                               | <b>65.10</b>                               |
| Initial Groundwater Elevation (ft-amsl):                         | <b>671.24</b>                              |
| Equipment Used:                                                  | <b>Dedicated Tubing – Peristaltic Pump</b> |

|                        |
|------------------------|
| <b>C. WELL PURGING</b> |
|------------------------|

| FIELD PARAMETERS [stabilization criteria] RECORD EVERY 3 MINUTES |                            |                               |                                               |                         |             |                    |  |
|------------------------------------------------------------------|----------------------------|-------------------------------|-----------------------------------------------|-------------------------|-------------|--------------------|--|
| Time                                                             | Temperature<br>(°C)<br>10% | Dissolved<br>Oxygen<br>(mg/L) | Specific<br>Conductance<br>(µS/cm)<br>+/- 10% | pH<br>(S.U.)<br>+/- 0.1 | ORP<br>(mV) | Turbidity<br>(NTU) |  |
| 2:48 PM                                                          | Purging start time.        |                               |                                               |                         |             |                    |  |
| 2:51 PM                                                          | 11.5                       | 3.6                           | 760.2                                         | 7.00                    | 133.6       | 34.9               |  |
| 2:54 PM                                                          | 11.8                       | 3.6                           | 764.5                                         | 6.99                    | 133.6       | 30.3               |  |
| 2:57 PM                                                          | 11.6                       | 3.6                           | 766.4                                         | 6.99                    | 133.8       | 43.0               |  |
| 3:00 PM                                                          | 11.9                       | 3.7                           | 767.7                                         | 6.98                    | 134.3       | 62.8               |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
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|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
| Parameters stabilized, sample collected.                         |                            |                               |                                               |                         |             |                    |  |

|                                                |               |
|------------------------------------------------|---------------|
| Quantity of Water Removed from Well (liters):  | <b>2.5</b>    |
| Was well pumped/bailed dry?                    | <b>No</b>     |
| Total Amount of Time Purged (minutes:seconds): | <b>12:00</b>  |
| Average Purge Rate (mL/min):                   | <b>208.33</b> |

|                                               |                                   |
|-----------------------------------------------|-----------------------------------|
| <b>D. WELL MAINTENANCE</b>                    |                                   |
| Does the well require any future maintenance? | <b>No</b>                         |
| If yes, explain:                              |                                   |
| Additional Comments:                          | <b>Color: Clear    Odor: None</b> |

## FORM FOR GROUNDWATER SAMPLING

[illegible]

## FORM FOR SURFACE WATER SAMPLING

|                              |                                             |            |               |
|------------------------------|---------------------------------------------|------------|---------------|
| Site Name                    | Clinton County Sanitary Landfill-East South | Permit No. | 23-SDP-01-74P |
| Surface Monitoring Point No. | GU-1                                        | Date       | 3-24-25       |
| Name of Person Sampling      | Korner Both                                 |            |               |

#### A. TYPE OF MOINITORING POINT

|                |                                                                                   |                 |                                                                                    |
|----------------|-----------------------------------------------------------------------------------|-----------------|------------------------------------------------------------------------------------|
| Stream         |  | Open Tile       |  |
| Road Ditch     |  | Tile with Riser |  |
| Drainage Ditch |  | Other           |  |

### B. PURPOSE OF MONITORING POINT

Upstream  
Within Landfill

X

Downstream  
Other

### C. MONITORING POINT CONDITIONS/LOCATION

Phase 1A Cell groundwater underdrain outfall

|                           |            |                                 |  |
|---------------------------|------------|---------------------------------|--|
| Was monitoring point dry? | <u>Yes</u> | Too little water to sample?     |  |
| Was water flowing?        | <u>No</u>  | If yes, estimate quantity (cfs) |  |
| Standing Water?           | <u>No</u>  | If yes, estimate depth (inches) |  |
|                           |            | If yes, estimate width (inches) |  |
| Was water discolored?     | <u>No</u>  |                                 |  |
| Does water have odor?     | <u>No</u>  |                                 |  |
| Was ground discolored?    | <u>No</u>  |                                 |  |
| Litter present?           | <u>No</u>  |                                 |  |

#### D. FIELD MEASUREMENTS

Weather Conditions: 95, Cloudy

Time: \_\_\_\_\_

Field Measurements: \_\_\_\_\_

|                   |       |       |                |
|-------------------|-------|-------|----------------|
| Temperature       | _____ | Units | Celsius        |
| Equipment Used    | _____ |       |                |
| pH                | _____ | Units | Standard units |
| Equipment Used    | _____ |       |                |
| Spec. Conductance | _____ | Units | uS/cm          |
| Equipment Used    | _____ |       |                |

## COMMENTS

## 1st 2024 Semi-Annual Sampling

3-25-25

# Konner Roth

|                 |                   |
|-----------------|-------------------|
| Open Tile       |                   |
| Tile with Riser |                   |
| Other           | Lagoon Underdrain |

Downstream \_\_\_\_\_

Other \_\_\_\_\_

Was monitoring point dry? Yes

Was water flowing? No

Standing Water? No If yes, estimate depth (inches)

If yes, estimate width (inches)

Was water discolored? No

Does water have odor? No

Was ground discolored? No

Litter present? No



Dry

# FORM FOR GROUNDWATER SAMPLING

|                                                             |                                |
|-------------------------------------------------------------|--------------------------------|
| Project: <b>Clinton County Sanitary Landfill East-South</b> |                                |
| Monitoring Well/Piezometer ID: <b>MW-05-2</b>               | Date: <b>11/5/2025</b>         |
| Gradient: <b>Down</b>                                       | Sampler: <b>Michael Morgan</b> |

|                                    |  |
|------------------------------------|--|
| <b>A. MW/PIEZOMETER CONDITIONS</b> |  |
| Well/Piezometer Capped? <b>Yes</b> |  |
| Litter/Standing Water? <b>No</b>   |  |

|                                                                  |                                            |
|------------------------------------------------------------------|--------------------------------------------|
| <b>B. GROUNDWATER ELEVATION MEASUREMENT (+/- 0.01 foot, MSL)</b> |                                            |
| Measured Well Total Depth (feet):                                | <b>32.0</b>                                |
| Initial Static Water Level (feet):                               | <b>14.97</b>                               |
| Initial Groundwater Elevation (ft-amsl):                         | <b>696.72</b>                              |
| Equipment Used:                                                  | <b>Dedicated Tubing – Peristaltic Pump</b> |

|                        |
|------------------------|
| <b>C. WELL PURGING</b> |
|------------------------|

| FIELD PARAMETERS [stabilization criteria] RECORD EVERY 3 MINUTES |                            |                               |                                               |                         |             |                    |  |
|------------------------------------------------------------------|----------------------------|-------------------------------|-----------------------------------------------|-------------------------|-------------|--------------------|--|
| Time                                                             | Temperature<br>(°C)<br>10% | Dissolved<br>Oxygen<br>(mg/L) | Specific<br>Conductance<br>(µS/cm)<br>+/- 10% | pH<br>(S.U.)<br>+/- 0.1 | ORP<br>(mV) | Turbidity<br>(NTU) |  |
| 3:28 PM                                                          | Purging start time.        |                               |                                               |                         |             |                    |  |
| 3:31 PM                                                          | 12.4                       | 5.1                           | 806.9                                         | 7.03                    | 38.7        | 17.1               |  |
| 3:34 PM                                                          | 12.4                       | 4.5                           | 792.5                                         | 6.87                    | 68.2        | 8.7                |  |
| 3:37 PM                                                          | 12.4                       | 4.3                           | 788.7                                         | 6.83                    | 80.8        | 7.5                |  |
| 3:40 PM                                                          | 12.3                       | 4.2                           | 786.8                                         | 6.81                    | 88.2        | 7.0                |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
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|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
| Parameters stabilized, sample collected.                         |                            |                               |                                               |                         |             |                    |  |

|                                                |               |
|------------------------------------------------|---------------|
| Quantity of Water Removed from Well (liters):  | <b>1.4</b>    |
| Was well pumped/bailed dry?                    | <b>No</b>     |
| Total Amount of Time Purged (minutes:seconds): | <b>12:00</b>  |
| Average Purge Rate (mL/min):                   | <b>116.67</b> |

|                                               |                                |
|-----------------------------------------------|--------------------------------|
| <b>D. WELL MAINTENANCE</b>                    |                                |
| Does the well require any future maintenance? | <b>No</b>                      |
| If yes, explain:                              |                                |
| Additional Comments:                          | <b>Color: Clear Odor: None</b> |

# FORM FOR GROUNDWATER SAMPLING

|                                                             |                                |
|-------------------------------------------------------------|--------------------------------|
| Project: <b>Clinton County Sanitary Landfill East-South</b> |                                |
| Monitoring Well/Piezometer ID: <b>MW-05-3</b>               | Date: <b>11/6/2025</b>         |
| Gradient: <b>Down</b>                                       | Sampler: <b>Michael Morgan</b> |

| A. MW/PIEZOMETER CONDITIONS |     |
|-----------------------------|-----|
| Well/Piezometer Capped?     | Yes |
| Litter/Standing Water?      | No  |

| B. GROUNDWATER ELEVATION MEASUREMENT (+/- 0.01 foot, MSL) |                                     |
|-----------------------------------------------------------|-------------------------------------|
| Measured Well Total Depth (feet):                         | 26.5                                |
| Initial Static Water Level (feet):                        | Dry                                 |
| Initial Groundwater Elevation (ft-amsl):                  | NA                                  |
| Equipment Used:                                           | Dedicated Tubing – Peristaltic Pump |

| C. WELL PURGING |
|-----------------|
|-----------------|

| FIELD PARAMETERS [stabilization criteria] RECORD EVERY 3 MINUTES |                                          |                               |                                               |                         |             |                    |  |
|------------------------------------------------------------------|------------------------------------------|-------------------------------|-----------------------------------------------|-------------------------|-------------|--------------------|--|
| Time                                                             | Temperature<br>(°C)<br>10%               | Dissolved<br>Oxygen<br>(mg/L) | Specific<br>Conductance<br>(µS/cm)<br>+/- 10% | pH<br>(S.U.)<br>+/- 0.1 | ORP<br>(mV) | Turbidity<br>(NTU) |  |
|                                                                  | Purging start time.                      |                               |                                               |                         |             |                    |  |
|                                                                  |                                          |                               |                                               |                         |             |                    |  |
|                                                                  |                                          |                               |                                               |                         |             |                    |  |
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|                                                                  |                                          |                               |                                               |                         |             |                    |  |
|                                                                  |                                          |                               |                                               |                         |             |                    |  |
|                                                                  | Parameters stabilized, sample collected. |                               |                                               |                         |             |                    |  |

|                                                |      |
|------------------------------------------------|------|
| Quantity of Water Removed from Well (liters):  | 0.0  |
| Was well pumped/bailed dry?                    | No   |
| Total Amount of Time Purged (minutes:seconds): | NA   |
| Average Purge Rate (mL/min):                   | 0.00 |

| D. WELL MAINTENANCE                           |                          |
|-----------------------------------------------|--------------------------|
| Does the well require any future maintenance? | Yes                      |
| If yes, explain:                              | Lock needed              |
| Additional Comments:                          | Well was dry, no sample. |



# FORM FOR GROUNDWATER SAMPLING

|                                                             |                                |
|-------------------------------------------------------------|--------------------------------|
| Project: <b>Clinton County Sanitary Landfill East-South</b> |                                |
| Monitoring Well/Piezometer ID: <b>MW-05-8R</b>              | Date: <b>11/6/2025</b>         |
| Gradient: <b>Down</b>                                       | Sampler: <b>Michael Morgan</b> |

|                                    |  |
|------------------------------------|--|
| <b>A. MW/PIEZOMETER CONDITIONS</b> |  |
| Well/Piezometer Capped? <b>Yes</b> |  |
| Litter/Standing Water? <b>No</b>   |  |

|                                                                  |                                  |
|------------------------------------------------------------------|----------------------------------|
| <b>B. GROUNDWATER ELEVATION MEASUREMENT (+/- 0.01 foot, MSL)</b> |                                  |
| Measured Well Total Depth (feet):                                | <b>52.6</b>                      |
| Initial Static Water Level (feet):                               | <b>45.63</b>                     |
| Initial Groundwater Elevation (ft-amsl):                         | <b>652.03</b>                    |
| Equipment Used:                                                  | <b>Non-Dedicated Submersible</b> |

|                        |
|------------------------|
| <b>C. WELL PURGING</b> |
|------------------------|

| FIELD PARAMETERS [stabilization criteria] RECORD EVERY 3 MINUTES |                            |                               |                                               |                         |             |                    |  |
|------------------------------------------------------------------|----------------------------|-------------------------------|-----------------------------------------------|-------------------------|-------------|--------------------|--|
| Time                                                             | Temperature<br>(°C)<br>10% | Dissolved<br>Oxygen<br>(mg/L) | Specific<br>Conductance<br>(µS/cm)<br>+/- 10% | pH<br>(S.U.)<br>+/- 0.1 | ORP<br>(mV) | Turbidity<br>(NTU) |  |
| 9:21 AM                                                          | Purging start time.        |                               |                                               |                         |             |                    |  |
| 9:24 AM                                                          | 11.8                       | 7.5                           | 867.4                                         | 7.53                    | 115.1       | 239.7              |  |
| 9:27 AM                                                          | 12.5                       | 6.6                           | 870.6                                         | 7.52                    | 112.8       | 569.8              |  |
| 9:30 AM                                                          | 14.2                       | 6.0                           | 882.3                                         | 7.58                    | 101.7       | 1417.6             |  |
| 9:33 AM                                                          | 16.1                       | 5.9                           | 889.6                                         | 7.61                    | 93.0        | 1211.9             |  |
| 9:36 AM                                                          | 16.3                       | 7.1                           | 886.7                                         | 7.62                    | 99.0        | 790.3              |  |
| 9:39 AM                                                          | 16.2                       | 6.3                           | 884.7                                         | 7.57                    | 100.4       | 604.7              |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
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|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
| Parameters stabilized, sample collected.                         |                            |                               |                                               |                         |             |                    |  |

|                                                |               |
|------------------------------------------------|---------------|
| Quantity of Water Removed from Well (liters):  | <b>3.1</b>    |
| Was well pumped/bailed dry?                    | <b>Yes</b>    |
| Total Amount of Time Purged (minutes:seconds): | <b>18:00</b>  |
| Average Purge Rate (mL/min):                   | <b>172.22</b> |

|                                               |                                                                                           |
|-----------------------------------------------|-------------------------------------------------------------------------------------------|
| <b>D. WELL MAINTENANCE</b>                    |                                                                                           |
| Does the well require any future maintenance? | <b>No</b>                                                                                 |
| If yes, explain:                              |                                                                                           |
| Additional Comments:                          | Color: Cloudy brown   Odor: None<br>Well went dry at the end of stabilization, no sample. |

# FORM FOR GROUNDWATER SAMPLING

|                                                             |                                |
|-------------------------------------------------------------|--------------------------------|
| Project: <b>Clinton County Sanitary Landfill East-South</b> |                                |
| Monitoring Well/Piezometer ID: <b>MW-06-7R</b>              | Date: <b>11/5/2025</b>         |
| Gradient: <b>Up</b>                                         | Sampler: <b>Michael Morgan</b> |

|                                    |  |
|------------------------------------|--|
| <b>A. MW/PIEZOMETER CONDITIONS</b> |  |
| Well/Piezometer Capped? <b>Yes</b> |  |
| Litter/Standing Water? <b>No</b>   |  |

|                                                                  |                              |
|------------------------------------------------------------------|------------------------------|
| <b>B. GROUNDWATER ELEVATION MEASUREMENT (+/- 0.01 foot, MSL)</b> |                              |
| Measured Well Total Depth (feet):                                | <b>NM</b>                    |
| Initial Static Water Level (feet):                               | <b>27.96</b>                 |
| Initial Groundwater Elevation (ft-amsl):                         | <b>718.29</b>                |
| Equipment Used:                                                  | <b>Dedicated Submersible</b> |

|                        |
|------------------------|
| <b>C. WELL PURGING</b> |
|------------------------|

| FIELD PARAMETERS [stabilization criteria] RECORD EVERY 3 MINUTES |                            |                               |                                               |                         |             |                    |  |
|------------------------------------------------------------------|----------------------------|-------------------------------|-----------------------------------------------|-------------------------|-------------|--------------------|--|
| Time                                                             | Temperature<br>(°C)<br>10% | Dissolved<br>Oxygen<br>(mg/L) | Specific<br>Conductance<br>(µS/cm)<br>+/- 10% | pH<br>(S.U.)<br>+/- 0.1 | ORP<br>(mV) | Turbidity<br>(NTU) |  |
| 11:16 AM                                                         | Purging start time.        |                               |                                               |                         |             |                    |  |
| 11:19 AM                                                         | 11.8                       | 1.6                           | 532.9                                         | 7.43                    | -136.4      | 33.1               |  |
| 11:22 AM                                                         | 11.9                       | 0.9                           | 527.9                                         | 7.36                    | -135.9      | 17.5               |  |
| 11:25 AM                                                         | 12.3                       | 0.6                           | 523.0                                         | 7.35                    | -136.5      | 14.2               |  |
| 11:28 AM                                                         | 12.6                       | 0.5                           | 525.5                                         | 7.34                    | -136.5      | 11.3               |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
| Parameters stabilized, sample collected.                         |                            |                               |                                               |                         |             |                    |  |

|                                                |               |
|------------------------------------------------|---------------|
| Quantity of Water Removed from Well (liters):  | <b>4.2</b>    |
| Was well pumped/bailed dry?                    | <b>No</b>     |
| Total Amount of Time Purged (minutes:seconds): | <b>12:00</b>  |
| Average Purge Rate (mL/min):                   | <b>350.00</b> |

|                                               |                                                                                |
|-----------------------------------------------|--------------------------------------------------------------------------------|
| <b>D. WELL MAINTENANCE</b>                    |                                                                                |
| Does the well require any future maintenance? | <b>No</b>                                                                      |
| If yes, explain:                              |                                                                                |
| Additional Comments:                          | <b>Color: Orange tint Odor: Slightly earthy<br/>Slowest flowrate possible.</b> |

# FORM FOR GROUNDWATER SAMPLING

|                                                             |                                |
|-------------------------------------------------------------|--------------------------------|
| Project: <b>Clinton County Sanitary Landfill East-South</b> |                                |
| Monitoring Well/Piezometer ID: <b>MW-19</b>                 | Date: <b>11/4/2025</b>         |
| Gradient: <b>Down</b>                                       | Sampler: <b>Michael Morgan</b> |

|                                    |  |
|------------------------------------|--|
| <b>A. MW/PIEZOMETER CONDITIONS</b> |  |
| Well/Piezometer Capped? <b>Yes</b> |  |
| Litter/Standing Water? <b>No</b>   |  |

|                                                                  |                                     |
|------------------------------------------------------------------|-------------------------------------|
| <b>B. GROUNDWATER ELEVATION MEASUREMENT (+/- 0.01 foot, MSL)</b> |                                     |
| Measured Well Total Depth (feet):                                | 30.3                                |
| Initial Static Water Level (feet):                               | 25.21                               |
| Initial Groundwater Elevation (ft-amsl):                         | 661.61                              |
| Equipment Used:                                                  | Dedicated Tubing – Peristaltic Pump |

|                        |
|------------------------|
| <b>C. WELL PURGING</b> |
|------------------------|

| FIELD PARAMETERS [stabilization criteria] RECORD EVERY 3 MINUTES |                            |                               |                                               |                         |             |                    |  |
|------------------------------------------------------------------|----------------------------|-------------------------------|-----------------------------------------------|-------------------------|-------------|--------------------|--|
| Time                                                             | Temperature<br>(°C)<br>10% | Dissolved<br>Oxygen<br>(mg/L) | Specific<br>Conductance<br>(µS/cm)<br>+/- 10% | pH<br>(S.U.)<br>+/- 0.1 | ORP<br>(mV) | Turbidity<br>(NTU) |  |
| 2:33 PM                                                          | Purging start time.        |                               |                                               |                         |             |                    |  |
| 2:36 PM                                                          | 15.7                       | 1.9                           | 1391.5                                        | 6.61                    | 12.1        | 43.5               |  |
| 2:39 PM                                                          | 15.4                       | 0.8                           | 1324.9                                        | 6.59                    | 30.1        | 36.8               |  |
| 2:42 PM                                                          | 15.4                       | 0.5                           | 1310.0                                        | 6.59                    | 41.1        | 22.2               |  |
| 2:45 PM                                                          | 15.7                       | 0.4                           | 1305.2                                        | 6.59                    | 50.7        | 15.1               |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
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|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
| Parameters stabilized, sample collected.                         |                            |                               |                                               |                         |             |                    |  |

|                                                |        |
|------------------------------------------------|--------|
| Quantity of Water Removed from Well (liters):  | 1.3    |
| Was well pumped/bailed dry?                    | No     |
| Total Amount of Time Purged (minutes:seconds): | 12:00  |
| Average Purge Rate (mL/min):                   | 108.33 |

|                                               |                                                                                                                                                                                |
|-----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>D. WELL MAINTENANCE</b>                    |                                                                                                                                                                                |
| Does the well require any future maintenance? | Yes                                                                                                                                                                            |
| If yes, explain:                              | Top of well casing lid missing.                                                                                                                                                |
| Additional Comments:                          | Color: Cloudy light brown    Odor: Slight landfill<br>Tubing was unattached and required hook and line to retrieve. High turbidity may have been a result of tubing retrieval. |

# FORM FOR GROUNDWATER SAMPLING

|                                                             |                                |
|-------------------------------------------------------------|--------------------------------|
| Project: <b>Clinton County Sanitary Landfill East-South</b> |                                |
| Monitoring Well/Piezometer ID: <b>MW-20</b>                 | Date: <b>11/4/2025</b>         |
| Gradient: <b>Down</b>                                       | Sampler: <b>Michael Morgan</b> |

| A. MW/PIEZOMETER CONDITIONS |     |
|-----------------------------|-----|
| Well/Piezometer Capped?     | Yes |
| Litter/Standing Water?      | No  |

| B. GROUNDWATER ELEVATION MEASUREMENT (+/- 0.01 foot, MSL) |                                     |
|-----------------------------------------------------------|-------------------------------------|
| Measured Well Total Depth (feet):                         | 25.1                                |
| Initial Static Water Level (feet):                        | 16.61                               |
| Initial Groundwater Elevation (ft-amsl):                  | 670.14                              |
| Equipment Used:                                           | Dedicated Tubing – Peristaltic Pump |

## C. WELL PURGING

| FIELD PARAMETERS [stabilization criteria] RECORD EVERY 3 MINUTES |                            |                               |                                               |                         |             |                    |  |
|------------------------------------------------------------------|----------------------------|-------------------------------|-----------------------------------------------|-------------------------|-------------|--------------------|--|
| Time                                                             | Temperature<br>(°C)<br>10% | Dissolved<br>Oxygen<br>(mg/L) | Specific<br>Conductance<br>(µS/cm)<br>+/- 10% | pH<br>(S.U.)<br>+/- 0.1 | ORP<br>(mV) | Turbidity<br>(NTU) |  |
| 1:14 PM                                                          | Purging start time.        |                               |                                               |                         |             |                    |  |
| 1:17 PM                                                          | 15.2                       | 1.3                           | 2362.7                                        | 6.35                    | -57.4       | 3.7                |  |
| 1:20 PM                                                          | 15.2                       | 0.7                           | 2397.1                                        | 6.35                    | -63.1       | 3.5                |  |
| 1:23 PM                                                          | 15.3                       | 0.5                           | 2405.8                                        | 6.36                    | -65.6       | 3.3                |  |
| 1:26 PM                                                          | 15.3                       | 0.4                           | 2402.3                                        | 6.36                    | -66.0       | 3.3                |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
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|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
| Parameters stabilized, sample collected.                         |                            |                               |                                               |                         |             |                    |  |

|                                                |        |
|------------------------------------------------|--------|
| Quantity of Water Removed from Well (liters):  | 1.7    |
| Was well pumped/bailed dry?                    | No     |
| Total Amount of Time Purged (minutes:seconds): | 12:00  |
| Average Purge Rate (mL/min):                   | 141.67 |

| D. WELL MAINTENANCE                           |                                                         |
|-----------------------------------------------|---------------------------------------------------------|
| Does the well require any future maintenance? | No                                                      |
| If yes, explain:                              |                                                         |
| Additional Comments:                          | Color: Clear Odor: Slight leachate<br>Lock put on well. |

# FORM FOR GROUNDWATER SAMPLING

|                                                             |                                |
|-------------------------------------------------------------|--------------------------------|
| Project: <b>Clinton County Sanitary Landfill East-South</b> |                                |
| Monitoring Well/Piezometer ID: <b>MW-24</b>                 | Date: <b>11/4/2025</b>         |
| Gradient: <b>Down</b>                                       | Sampler: <b>Michael Morgan</b> |

|                                    |  |
|------------------------------------|--|
| <b>A. MW/PIEZOMETER CONDITIONS</b> |  |
| Well/Piezometer Capped? <b>Yes</b> |  |
| Litter/Standing Water? <b>No</b>   |  |

|                                                                  |                                            |
|------------------------------------------------------------------|--------------------------------------------|
| <b>B. GROUNDWATER ELEVATION MEASUREMENT (+/- 0.01 foot, MSL)</b> |                                            |
| Measured Well Total Depth (feet):                                | <b>35.3</b>                                |
| Initial Static Water Level (feet):                               | <b>18.20</b>                               |
| Initial Groundwater Elevation (ft-amsl):                         | <b>689.07</b>                              |
| Equipment Used:                                                  | <b>Dedicated Tubing – Peristaltic Pump</b> |

|                        |
|------------------------|
| <b>C. WELL PURGING</b> |
|------------------------|

| FIELD PARAMETERS [stabilization criteria] RECORD EVERY 3 MINUTES |                            |                               |                                               |                         |             |                    |  |
|------------------------------------------------------------------|----------------------------|-------------------------------|-----------------------------------------------|-------------------------|-------------|--------------------|--|
| Time                                                             | Temperature<br>(°C)<br>10% | Dissolved<br>Oxygen<br>(mg/L) | Specific<br>Conductance<br>(µS/cm)<br>+/- 10% | pH<br>(S.U.)<br>+/- 0.1 | ORP<br>(mV) | Turbidity<br>(NTU) |  |
| 12:33 PM                                                         | Purging start time.        |                               |                                               |                         |             |                    |  |
| 12:36 PM                                                         | 14.9                       | 1.7                           | 1787.2                                        | 6.33                    | -75.2       | 3.6                |  |
| 12:39 PM                                                         | 15.2                       | 0.9                           | 1808.9                                        | 6.36                    | -80.8       | 3.3                |  |
| 12:42 PM                                                         | 15.2                       | 0.6                           | 1815.0                                        | 6.38                    | -84.0       | 3.2                |  |
| 12:45 PM                                                         | 15.1                       | 0.4                           | 1812.7                                        | 6.39                    | -85.7       | 3.3                |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
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|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
| Parameters stabilized, sample collected.                         |                            |                               |                                               |                         |             |                    |  |

|                                                |               |
|------------------------------------------------|---------------|
| Quantity of Water Removed from Well (liters):  | <b>1.7</b>    |
| Was well pumped/bailed dry?                    | <b>No</b>     |
| Total Amount of Time Purged (minutes:seconds): | <b>12:00</b>  |
| Average Purge Rate (mL/min):                   | <b>141.67</b> |

|                                               |                                       |
|-----------------------------------------------|---------------------------------------|
| <b>D. WELL MAINTENANCE</b>                    |                                       |
| Does the well require any future maintenance? | <b>No</b>                             |
| If yes, explain:                              |                                       |
| Additional Comments:                          | <b>Color: Clear    Odor: Landfill</b> |

# FORM FOR GROUNDWATER SAMPLING

|                                                             |                                |
|-------------------------------------------------------------|--------------------------------|
| Project: <b>Clinton County Sanitary Landfill East-South</b> |                                |
| Monitoring Well/Piezometer ID: <b>MW-25R</b>                | Date: <b>11/4/2025</b>         |
| Gradient: <b>Down</b>                                       | Sampler: <b>Michael Morgan</b> |

| A. MW/PIEZOMETER CONDITIONS |     |
|-----------------------------|-----|
| Well/Piezometer Capped?     | Yes |
| Litter/Standing Water?      | No  |

| B. GROUNDWATER ELEVATION MEASUREMENT (+/- 0.01 foot, MSL) |                                     |
|-----------------------------------------------------------|-------------------------------------|
| Measured Well Total Depth (feet):                         | 50.2                                |
| Initial Static Water Level (feet):                        | 49.93                               |
| Initial Groundwater Elevation (ft-amsl):                  | 652.86                              |
| Equipment Used:                                           | Dedicated Tubing – Peristaltic Pump |

## C. WELL PURGING

| FIELD PARAMETERS [stabilization criteria] RECORD EVERY 3 MINUTES |                                          |                               |                                               |                         |             |                    |  |
|------------------------------------------------------------------|------------------------------------------|-------------------------------|-----------------------------------------------|-------------------------|-------------|--------------------|--|
| Time                                                             | Temperature<br>(°C)<br>10%               | Dissolved<br>Oxygen<br>(mg/L) | Specific<br>Conductance<br>(µS/cm)<br>+/- 10% | pH<br>(S.U.)<br>+/- 0.1 | ORP<br>(mV) | Turbidity<br>(NTU) |  |
|                                                                  | Purging start time.                      |                               |                                               |                         |             |                    |  |
|                                                                  |                                          |                               |                                               |                         |             |                    |  |
|                                                                  |                                          |                               |                                               |                         |             |                    |  |
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|                                                                  |                                          |                               |                                               |                         |             |                    |  |
|                                                                  |                                          |                               |                                               |                         |             |                    |  |
|                                                                  | Parameters stabilized, sample collected. |                               |                                               |                         |             |                    |  |

|                                                |      |
|------------------------------------------------|------|
| Quantity of Water Removed from Well (liters):  | 0.0  |
| Was well pumped/bailed dry?                    | No   |
| Total Amount of Time Purged (minutes:seconds): | NA   |
| Average Purge Rate (mL/min):                   | 0.00 |

## D. WELL MAINTENANCE

|                                               |                                                                                                                                   |    |
|-----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----|
| Does the well require any future maintenance? |                                                                                                                                   | No |
| If yes, explain:                              |                                                                                                                                   |    |
| Additional Comments:                          | Insufficient water in well to sample.<br>Lock was rusted and wouldn't open with a key. Lock was cut and a new lock was installed. |    |



# FORM FOR GROUNDWATER SAMPLING

|                                                             |                                |
|-------------------------------------------------------------|--------------------------------|
| Project: <b>Clinton County Sanitary Landfill East-South</b> |                                |
| Monitoring Well/Piezometer ID: <b>MW-28</b>                 | Date: <b>11/6/2025</b>         |
| Gradient: <b>Down</b>                                       | Sampler: <b>Michael Morgan</b> |

|                                    |  |
|------------------------------------|--|
| <b>A. MW/PIEZOMETER CONDITIONS</b> |  |
| Well/Piezometer Capped? <b>Yes</b> |  |
| Litter/Standing Water? <b>No</b>   |  |

|                                                                  |                                  |
|------------------------------------------------------------------|----------------------------------|
| <b>B. GROUNDWATER ELEVATION MEASUREMENT (+/- 0.01 foot, MSL)</b> |                                  |
| Measured Well Total Depth (feet):                                | <b>30.5</b>                      |
| Initial Static Water Level (feet):                               | <b>27.54</b>                     |
| Initial Groundwater Elevation (ft-amsl):                         | <b>638.09</b>                    |
| Equipment Used:                                                  | <b>Non-Dedicated Submersible</b> |

|                        |
|------------------------|
| <b>C. WELL PURGING</b> |
|------------------------|

| FIELD PARAMETERS [stabilization criteria] RECORD EVERY 3 MINUTES |                            |                               |                                               |                         |             |                    |  |
|------------------------------------------------------------------|----------------------------|-------------------------------|-----------------------------------------------|-------------------------|-------------|--------------------|--|
| Time                                                             | Temperature<br>(°C)<br>10% | Dissolved<br>Oxygen<br>(mg/L) | Specific<br>Conductance<br>(µS/cm)<br>+/- 10% | pH<br>(S.U.)<br>+/- 0.1 | ORP<br>(mV) | Turbidity<br>(NTU) |  |
| 8:07 AM                                                          | Purging start time.        |                               |                                               |                         |             |                    |  |
| 8:10 AM                                                          | 10.7                       | 8.1                           | 869.8                                         | 6.95                    | 88.9        | 326.8              |  |
| 8:13 AM                                                          | 13.0                       | 7.0                           | 901.9                                         | 6.86                    | 105.4       | 173.8              |  |
| 8:16 AM                                                          | 13.6                       | 6.6                           | 917.7                                         | 6.84                    | 114.8       | 82.0               |  |
| 8:19 AM                                                          | 13.5                       | 6.4                           | 922.5                                         | 6.83                    | 121.0       | 49.2               |  |
| 8:22 AM                                                          | 14.0                       | 6.2                           | 925.8                                         | 6.82                    | 125.5       | 29.7               |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
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|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
| Parameters stabilized, sample collected.                         |                            |                               |                                               |                         |             |                    |  |

|                                                |               |
|------------------------------------------------|---------------|
| Quantity of Water Removed from Well (liters):  | <b>4.4</b>    |
| Was well pumped/bailed dry?                    | <b>No</b>     |
| Total Amount of Time Purged (minutes:seconds): | <b>15:00</b>  |
| Average Purge Rate (mL/min):                   | <b>293.33</b> |

|                                               |                                                                                                                                                                                                 |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>D. WELL MAINTENANCE</b>                    |                                                                                                                                                                                                 |
| Does the well require any future maintenance? | <b>No</b>                                                                                                                                                                                       |
| If yes, explain:                              |                                                                                                                                                                                                 |
| Additional Comments:                          | Color: Gray tint    Odor: None<br>Static water level was below the dedicated pump. Removed dedicated pump, installed 30ft 1/2-inch tubing and sampled using non-dedicated stainless-steel pump. |

# FORM FOR GROUNDWATER SAMPLING

|                                                             |                                |
|-------------------------------------------------------------|--------------------------------|
| Project: <b>Clinton County Sanitary Landfill East-South</b> |                                |
| Monitoring Well/Piezometer ID: <b>MW-29</b>                 | Date: <b>11/6/2025</b>         |
| Gradient: <b>Down</b>                                       | Sampler: <b>Michael Morgan</b> |

|                                    |  |
|------------------------------------|--|
| <b>A. MW/PIEZOMETER CONDITIONS</b> |  |
| Well/Piezometer Capped? <b>Yes</b> |  |
| Litter/Standing Water? <b>No</b>   |  |

|                                                                  |                                            |
|------------------------------------------------------------------|--------------------------------------------|
| <b>B. GROUNDWATER ELEVATION MEASUREMENT (+/- 0.01 foot, MSL)</b> |                                            |
| Measured Well Total Depth (feet):                                | <b>23.1</b>                                |
| Initial Static Water Level (feet):                               | <b>20.49</b>                               |
| Initial Groundwater Elevation (ft-amsl):                         | <b>684.29</b>                              |
| Equipment Used:                                                  | <b>Dedicated Tubing – Peristaltic Pump</b> |

|                        |
|------------------------|
| <b>C. WELL PURGING</b> |
|------------------------|

| FIELD PARAMETERS [stabilization criteria] RECORD EVERY 3 MINUTES |                            |                               |                                               |                         |             |                    |  |
|------------------------------------------------------------------|----------------------------|-------------------------------|-----------------------------------------------|-------------------------|-------------|--------------------|--|
| Time                                                             | Temperature<br>(°C)<br>10% | Dissolved<br>Oxygen<br>(mg/L) | Specific<br>Conductance<br>(µS/cm)<br>+/- 10% | pH<br>(S.U.)<br>+/- 0.1 | ORP<br>(mV) | Turbidity<br>(NTU) |  |
| 1:56 PM                                                          | Purging start time.        |                               |                                               |                         |             |                    |  |
| 1:59 PM                                                          | 13.4                       | 3.3                           | 1052.2                                        | 6.67                    | 95.4        | 44.6               |  |
| 2:02 PM                                                          | 13.3                       | 2.5                           | 1060.0                                        | 6.68                    | 94.5        | 24.5               |  |
| 2:05 PM                                                          | 13.2                       | 2.5                           | 1043.1                                        | 6.69                    | 93.8        | 29.4               |  |
| 2:08 PM                                                          | 13.2                       | 2.6                           | 1030.9                                        | 6.69                    | 94.2        | 31.3               |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
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|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
| Parameters stabilized, sample collected.                         |                            |                               |                                               |                         |             |                    |  |

|                                                |               |
|------------------------------------------------|---------------|
| Quantity of Water Removed from Well (liters):  | <b>1.2</b>    |
| Was well pumped/bailed dry?                    | <b>No</b>     |
| Total Amount of Time Purged (minutes:seconds): | <b>12:00</b>  |
| Average Purge Rate (mL/min):                   | <b>100.00</b> |

|                                               |                                                      |
|-----------------------------------------------|------------------------------------------------------|
| <b>D. WELL MAINTENANCE</b>                    |                                                      |
| Does the well require any future maintenance? | <b>No</b>                                            |
| If yes, explain:                              |                                                      |
| Additional Comments:                          | Color: Clear Odor: None<br>Fine particulate present. |

## FORM FOR GROUNDWATER SAMPLING

[illegible]

# FORM FOR GROUNDWATER SAMPLING

|                                                             |                                |
|-------------------------------------------------------------|--------------------------------|
| Project: <b>Clinton County Sanitary Landfill East-South</b> |                                |
| Monitoring Well/Piezometer ID: <b>MW-33</b>                 | Date: <b>11/5/2025</b>         |
| Gradient: <b>Down</b>                                       | Sampler: <b>Michael Morgan</b> |

|                                    |  |
|------------------------------------|--|
| <b>A. MW/PIEZOMETER CONDITIONS</b> |  |
| Well/Piezometer Capped? <b>Yes</b> |  |
| Litter/Standing Water? <b>No</b>   |  |

|                                                                  |                                            |
|------------------------------------------------------------------|--------------------------------------------|
| <b>B. GROUNDWATER ELEVATION MEASUREMENT (+/- 0.01 foot, MSL)</b> |                                            |
| Measured Well Total Depth (feet):                                | <b>23.3</b>                                |
| Initial Static Water Level (feet):                               | <b>18.50</b>                               |
| Initial Groundwater Elevation (ft-amsl):                         | <b>716.52</b>                              |
| Equipment Used:                                                  | <b>Dedicated Tubing – Peristaltic Pump</b> |

|                        |
|------------------------|
| <b>C. WELL PURGING</b> |
|------------------------|

| FIELD PARAMETERS [stabilization criteria] RECORD EVERY 3 MINUTES |                            |                               |                                               |                         |             |                    |  |
|------------------------------------------------------------------|----------------------------|-------------------------------|-----------------------------------------------|-------------------------|-------------|--------------------|--|
| Time                                                             | Temperature<br>(°C)<br>10% | Dissolved<br>Oxygen<br>(mg/L) | Specific<br>Conductance<br>(µS/cm)<br>+/- 10% | pH<br>(S.U.)<br>+/- 0.1 | ORP<br>(mV) | Turbidity<br>(NTU) |  |
| 11:56 AM                                                         | Purging start time.        |                               |                                               |                         |             |                    |  |
| 11:59 AM                                                         | 14.6                       | 2.0                           | 1248.0                                        | 6.36                    | -30.8       | 12.7               |  |
| 12:02 PM                                                         | 14.6                       | 1.0                           | 1279.5                                        | 6.38                    | -38.9       | 8.0                |  |
| 12:05 PM                                                         | 14.7                       | 0.7                           | 1289.8                                        | 6.39                    | -43.1       | 7.7                |  |
| 12:08 PM                                                         | 14.7                       | 0.6                           | 1291.2                                        | 6.39                    | -45.3       | 8.0                |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
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|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
| Parameters stabilized, sample collected.                         |                            |                               |                                               |                         |             |                    |  |

|                                                |               |
|------------------------------------------------|---------------|
| Quantity of Water Removed from Well (liters):  | <b>1.4</b>    |
| Was well pumped/bailed dry?                    | <b>No</b>     |
| Total Amount of Time Purged (minutes:seconds): | <b>12:00</b>  |
| Average Purge Rate (mL/min):                   | <b>116.67</b> |

|                                               |                                             |
|-----------------------------------------------|---------------------------------------------|
| <b>D. WELL MAINTENANCE</b>                    |                                             |
| Does the well require any future maintenance? | <b>No</b>                                   |
| If yes, explain:                              |                                             |
| Additional Comments:                          | <b>Color: Clear    Odor: Slight organic</b> |

# FORM FOR GROUNDWATER SAMPLING

|                                |                                             |          |                |
|--------------------------------|---------------------------------------------|----------|----------------|
| Project:                       | Clinton County Sanitary Landfill East-South |          |                |
| Monitoring Well/Piezometer ID: | MW-34                                       | Date:    | 11/6/2025      |
| Gradient:                      | Down                                        | Sampler: | Michael Morgan |

|                                    |     |  |  |
|------------------------------------|-----|--|--|
| <b>A. MW/PIEZOMETER CONDITIONS</b> |     |  |  |
| Well/Piezometer Capped?            | Yes |  |  |
| Litter/Standing Water?             | No  |  |  |

|                                                                  |                  |  |  |
|------------------------------------------------------------------|------------------|--|--|
| <b>B. GROUNDWATER ELEVATION MEASUREMENT (+/- 0.01 foot, MSL)</b> |                  |  |  |
| Measured Well Total Depth (feet):                                | 38.0             |  |  |
| Initial Static Water Level (feet):                               | Dry              |  |  |
| Initial Groundwater Elevation (ft-amsl):                         | NA               |  |  |
| Equipment Used:                                                  | Dedicated Bailer |  |  |

## C. WELL PURGING

| FIELD PARAMETERS [stabilization criteria] RECORD EVERY 3 MINUTES |                                          |                               |                                               |                         |             |                    |  |
|------------------------------------------------------------------|------------------------------------------|-------------------------------|-----------------------------------------------|-------------------------|-------------|--------------------|--|
| Time                                                             | Temperature<br>(°C)<br>10%               | Dissolved<br>Oxygen<br>(mg/L) | Specific<br>Conductance<br>(µS/cm)<br>+/- 10% | pH<br>(S.U.)<br>+/- 0.1 | ORP<br>(mV) | Turbidity<br>(NTU) |  |
|                                                                  | Purging start time.                      |                               |                                               |                         |             |                    |  |
|                                                                  |                                          |                               |                                               |                         |             |                    |  |
|                                                                  |                                          |                               |                                               |                         |             |                    |  |
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|                                                                  |                                          |                               |                                               |                         |             |                    |  |
|                                                                  | Parameters stabilized, sample collected. |                               |                                               |                         |             |                    |  |

|                                                |      |
|------------------------------------------------|------|
| Quantity of Water Removed from Well (liters):  | 0.0  |
| Was well pumped/bailed dry?                    | No   |
| Total Amount of Time Purged (minutes:seconds): | NA   |
| Average Purge Rate (mL/min):                   | 0.00 |

## D. WELL MAINTENANCE

|                                               |                          |  |
|-----------------------------------------------|--------------------------|--|
| Does the well require any future maintenance? | No                       |  |
| If yes, explain:                              |                          |  |
| Additional Comments:                          | Well was dry, no sample. |  |

# FORM FOR GROUNDWATER SAMPLING

|                                                             |                                |
|-------------------------------------------------------------|--------------------------------|
| Project: <b>Clinton County Sanitary Landfill East-South</b> |                                |
| Monitoring Well/Piezometer ID: <b>MW-39</b>                 | Date: <b>11/7/2025</b>         |
| Gradient: <b>Down</b>                                       | Sampler: <b>Michael Morgan</b> |

|                                    |  |
|------------------------------------|--|
| <b>A. MW/PIEZOMETER CONDITIONS</b> |  |
| Well/Piezometer Capped? <b>Yes</b> |  |
| Litter/Standing Water? <b>No</b>   |  |

|                                                                  |                                  |
|------------------------------------------------------------------|----------------------------------|
| <b>B. GROUNDWATER ELEVATION MEASUREMENT (+/- 0.01 foot, MSL)</b> |                                  |
| Measured Well Total Depth (feet):                                | <b>118.2</b>                     |
| Initial Static Water Level (feet):                               | <b>44.89</b>                     |
| Initial Groundwater Elevation (ft-amsl):                         | <b>628.74</b>                    |
| Equipment Used:                                                  | <b>Non-Dedicated Submersible</b> |

|                        |
|------------------------|
| <b>C. WELL PURGING</b> |
|------------------------|

| FIELD PARAMETERS [stabilization criteria] RECORD EVERY 3 MINUTES |                            |                               |                                               |                         |             |                    |  |
|------------------------------------------------------------------|----------------------------|-------------------------------|-----------------------------------------------|-------------------------|-------------|--------------------|--|
| Time                                                             | Temperature<br>(°C)<br>10% | Dissolved<br>Oxygen<br>(mg/L) | Specific<br>Conductance<br>(µS/cm)<br>+/- 10% | pH<br>(S.U.)<br>+/- 0.1 | ORP<br>(mV) | Turbidity<br>(NTU) |  |
| 8:12 AM                                                          | Purging start time.        |                               |                                               |                         |             |                    |  |
| 8:15 AM                                                          | 10.5                       | 4.2                           | 649.1                                         | 7.22                    | -81.4       | 15.7               |  |
| 8:18 AM                                                          | 11.0                       | 1.8                           | 642.7                                         | 7.14                    | -85.9       | 19.7               |  |
| 8:21 AM                                                          | 11.0                       | 1.1                           | 641.3                                         | 7.12                    | -90.9       | 21.7               |  |
| 8:24 AM                                                          | 11.1                       | 0.8                           | 641.0                                         | 7.11                    | -93.1       | 16.6               |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
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| Parameters stabilized, sample collected.                         |                            |                               |                                               |                         |             |                    |  |

|                                                |               |
|------------------------------------------------|---------------|
| Quantity of Water Removed from Well (liters):  | <b>3.3</b>    |
| Was well pumped/bailed dry?                    | <b>No</b>     |
| Total Amount of Time Purged (minutes:seconds): | <b>12:00</b>  |
| Average Purge Rate (mL/min):                   | <b>275.00</b> |

|                                               |                                                                 |
|-----------------------------------------------|-----------------------------------------------------------------|
| <b>D. WELL MAINTENANCE</b>                    |                                                                 |
| Does the well require any future maintenance? | <b>No</b>                                                       |
| If yes, explain:                              |                                                                 |
| Additional Comments:                          | Color: Clear Odor: Slight landfill<br>Fine particulate present. |



# FORM FOR GROUNDWATER SAMPLING

|                                                             |                                |
|-------------------------------------------------------------|--------------------------------|
| Project: <b>Clinton County Sanitary Landfill East-South</b> |                                |
| Monitoring Well/Piezometer ID: <b>MW-40</b>                 | Date: <b>11/6/2025</b>         |
| Gradient: <b>Down</b>                                       | Sampler: <b>Michael Morgan</b> |

|                                    |  |
|------------------------------------|--|
| <b>A. MW/PIEZOMETER CONDITIONS</b> |  |
| Well/Piezometer Capped? <b>Yes</b> |  |
| Litter/Standing Water? <b>No</b>   |  |

|                                                                  |                                  |
|------------------------------------------------------------------|----------------------------------|
| <b>B. GROUNDWATER ELEVATION MEASUREMENT (+/- 0.01 foot, MSL)</b> |                                  |
| Measured Well Total Depth (feet):                                | <b>93.5</b>                      |
| Initial Static Water Level (feet):                               | <b>74.00</b>                     |
| Initial Groundwater Elevation (ft-amsl):                         | <b>644.09</b>                    |
| Equipment Used:                                                  | <b>Non-Dedicated Submersible</b> |

|                        |
|------------------------|
| <b>C. WELL PURGING</b> |
|------------------------|

| FIELD PARAMETERS [stabilization criteria] RECORD EVERY 3 MINUTES |                            |                               |                                               |                         |             |                    |  |
|------------------------------------------------------------------|----------------------------|-------------------------------|-----------------------------------------------|-------------------------|-------------|--------------------|--|
| Time                                                             | Temperature<br>(°C)<br>10% | Dissolved<br>Oxygen<br>(mg/L) | Specific<br>Conductance<br>(µS/cm)<br>+/- 10% | pH<br>(S.U.)<br>+/- 0.1 | ORP<br>(mV) | Turbidity<br>(NTU) |  |
| 10:11 AM                                                         | Purging start time.        |                               |                                               |                         |             |                    |  |
| 10:14 AM                                                         | 12.4                       | 5.7                           | 692.0                                         | 7.10                    | 94.2        | 69.5               |  |
| 10:17 AM                                                         | 12.1                       | 4.0                           | 675.5                                         | 6.99                    | 102.1       | 23.6               |  |
| 10:20 AM                                                         | 13.2                       | 3.4                           | 672.8                                         | 6.97                    | 104.6       | 21.5               |  |
| 10:23 AM                                                         | 13.9                       | 3.1                           | 675.4                                         | 6.97                    | 106.6       | 17.0               |  |
| 10:26 AM                                                         | 13.7                       | 2.9                           | 675.5                                         | 6.97                    | 108.9       | 14.6               |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
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|                                                                  |                            |                               |                                               |                         |             |                    |  |
| Parameters stabilized, sample collected.                         |                            |                               |                                               |                         |             |                    |  |

|                                                |               |
|------------------------------------------------|---------------|
| Quantity of Water Removed from Well (liters):  | <b>5.4</b>    |
| Was well pumped/bailed dry?                    | <b>No</b>     |
| Total Amount of Time Purged (minutes:seconds): | <b>15:00</b>  |
| Average Purge Rate (mL/min):                   | <b>360.00</b> |

|                                               |                                                                      |
|-----------------------------------------------|----------------------------------------------------------------------|
| <b>D. WELL MAINTENANCE</b>                    |                                                                      |
| Does the well require any future maintenance? | <b>No</b>                                                            |
| If yes, explain:                              |                                                                      |
| Additional Comments:                          | <b>Color: Clear Odor: Slight landfill Slowest flowrate possible.</b> |

# FORM FOR GROUNDWATER SAMPLING

|                                                             |                                |
|-------------------------------------------------------------|--------------------------------|
| Project: <b>Clinton County Sanitary Landfill East-South</b> |                                |
| Monitoring Well/Piezometer ID: <b>MW-41</b>                 | Date: <b>11/6/2025</b>         |
| Gradient: <b>Down</b>                                       | Sampler: <b>Michael Morgan</b> |

|                                    |  |
|------------------------------------|--|
| <b>A. MW/PIEZOMETER CONDITIONS</b> |  |
| Well/Piezometer Capped? <b>Yes</b> |  |
| Litter/Standing Water? <b>No</b>   |  |

|                                                                  |                                  |
|------------------------------------------------------------------|----------------------------------|
| <b>B. GROUNDWATER ELEVATION MEASUREMENT (+/- 0.01 foot, MSL)</b> |                                  |
| Measured Well Total Depth (feet):                                | <b>111.5</b>                     |
| Initial Static Water Level (feet):                               | <b>60.34</b>                     |
| Initial Groundwater Elevation (ft-amsl):                         | <b>657.93</b>                    |
| Equipment Used:                                                  | <b>Non-Dedicated Submersible</b> |

|                        |
|------------------------|
| <b>C. WELL PURGING</b> |
|------------------------|

| FIELD PARAMETERS [stabilization criteria] RECORD EVERY 3 MINUTES |                            |                               |                                               |                         |             |                    |  |
|------------------------------------------------------------------|----------------------------|-------------------------------|-----------------------------------------------|-------------------------|-------------|--------------------|--|
| Time                                                             | Temperature<br>(°C)<br>10% | Dissolved<br>Oxygen<br>(mg/L) | Specific<br>Conductance<br>(µS/cm)<br>+/- 10% | pH<br>(S.U.)<br>+/- 0.1 | ORP<br>(mV) | Turbidity<br>(NTU) |  |
| 11:08 AM                                                         | Purging start time.        |                               |                                               |                         |             |                    |  |
| 11:11 AM                                                         | 12.8                       | 2.7                           | 745.4                                         | 7.11                    | -104.2      | 14.2               |  |
| 11:14 AM                                                         | 12.5                       | 1.3                           | 747.0                                         | 7.05                    | -109.9      | 15.7               |  |
| 11:17 AM                                                         | 12.3                       | 0.9                           | 747.7                                         | 7.03                    | -109.7      | 14.1               |  |
| 11:20 AM                                                         | 12.8                       | 0.8                           | 750.3                                         | 7.01                    | -107.1      | 13.7               |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
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|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
| Parameters stabilized, sample collected.                         |                            |                               |                                               |                         |             |                    |  |

|                                                |               |
|------------------------------------------------|---------------|
| Quantity of Water Removed from Well (liters):  | <b>2.8</b>    |
| Was well pumped/bailed dry?                    | <b>No</b>     |
| Total Amount of Time Purged (minutes:seconds): | <b>12:00</b>  |
| Average Purge Rate (mL/min):                   | <b>233.33</b> |

|                                               |                                                                 |
|-----------------------------------------------|-----------------------------------------------------------------|
| <b>D. WELL MAINTENANCE</b>                    |                                                                 |
| Does the well require any future maintenance? | <b>No</b>                                                       |
| If yes, explain:                              |                                                                 |
| Additional Comments:                          | <b>Color: Clear Odor: Sulfur<br/>Slowest flowrate possible.</b> |

# FORM FOR GROUNDWATER SAMPLING

|                                                             |                                |
|-------------------------------------------------------------|--------------------------------|
| Project: <b>Clinton County Sanitary Landfill East-South</b> |                                |
| Monitoring Well/Piezometer ID: <b>MW-42</b>                 | Date: <b>11/6/2025</b>         |
| Gradient: <b>Down</b>                                       | Sampler: <b>Michael Morgan</b> |

|                                    |  |
|------------------------------------|--|
| <b>A. MW/PIEZOMETER CONDITIONS</b> |  |
| Well/Piezometer Capped? <b>Yes</b> |  |
| Litter/Standing Water? <b>No</b>   |  |

|                                                                  |                                  |
|------------------------------------------------------------------|----------------------------------|
| <b>B. GROUNDWATER ELEVATION MEASUREMENT (+/- 0.01 foot, MSL)</b> |                                  |
| Measured Well Total Depth (feet):                                | <b>84.3</b>                      |
| Initial Static Water Level (feet):                               | <b>65.19</b>                     |
| Initial Groundwater Elevation (ft-amsl):                         | <b>671.15</b>                    |
| Equipment Used:                                                  | <b>Non-Dedicated Submersible</b> |

|                        |
|------------------------|
| <b>C. WELL PURGING</b> |
|------------------------|

| FIELD PARAMETERS [stabilization criteria] RECORD EVERY 3 MINUTES |                            |                               |                                               |                         |             |                    |  |
|------------------------------------------------------------------|----------------------------|-------------------------------|-----------------------------------------------|-------------------------|-------------|--------------------|--|
| Time                                                             | Temperature<br>(°C)<br>10% | Dissolved<br>Oxygen<br>(mg/L) | Specific<br>Conductance<br>(µS/cm)<br>+/- 10% | pH<br>(S.U.)<br>+/- 0.1 | ORP<br>(mV) | Turbidity<br>(NTU) |  |
| 12:49 PM                                                         | Purging start time.        |                               |                                               |                         |             |                    |  |
| 12:52 PM                                                         | 12.2                       | 5.0                           | 682.4                                         | 7.10                    | 10.1        | 82.7               |  |
| 12:55 PM                                                         | 11.9                       | 4.2                           | 678.8                                         | 7.03                    | 24.0        | 52.3               |  |
| 12:58 PM                                                         | 12.1                       | 4.0                           | 680.0                                         | 7.01                    | 30.5        | 43.3               |  |
| 1:01 PM                                                          | 12.6                       | 3.9                           | 682.2                                         | 7.00                    | 34.3        | 35.3               |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
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|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
| Parameters stabilized, sample collected.                         |                            |                               |                                               |                         |             |                    |  |

|                                                |               |
|------------------------------------------------|---------------|
| Quantity of Water Removed from Well (liters):  | <b>3.0</b>    |
| Was well pumped/bailed dry?                    | <b>No</b>     |
| Total Amount of Time Purged (minutes:seconds): | <b>12:00</b>  |
| Average Purge Rate (mL/min):                   | <b>250.00</b> |

|                                               |                                                                          |
|-----------------------------------------------|--------------------------------------------------------------------------|
| <b>D. WELL MAINTENANCE</b>                    |                                                                          |
| Does the well require any future maintenance? | <b>No</b>                                                                |
| If yes, explain:                              |                                                                          |
| Additional Comments:                          | Color: Brown slightly cloudy    Odor: None<br>Slowest flowrate possible. |

# FORM FOR GROUNDWATER SAMPLING

|                                                             |                                |
|-------------------------------------------------------------|--------------------------------|
| Project: <b>Clinton County Sanitary Landfill East-South</b> |                                |
| Monitoring Well/Piezometer ID: <b>MW-90-11</b>              | Date: <b>11/4/2025</b>         |
| Gradient: <b>Down</b>                                       | Sampler: <b>Michael Morgan</b> |

|                                    |               |
|------------------------------------|---------------|
| <b>A. MW/PIEZOMETER CONDITIONS</b> |               |
| Well/Piezometer Capped? <b>Yes</b> |               |
| Litter/Standing Water? <b>Yes</b>  | <b>Litter</b> |

|                                                                  |                                            |
|------------------------------------------------------------------|--------------------------------------------|
| <b>B. GROUNDWATER ELEVATION MEASUREMENT (+/- 0.01 foot, MSL)</b> |                                            |
| Measured Well Total Depth (feet):                                | <b>31.0</b>                                |
| Initial Static Water Level (feet):                               | <b>16.24</b>                               |
| Initial Groundwater Elevation (ft-amsl):                         | <b>691.36</b>                              |
| Equipment Used:                                                  | <b>Dedicated Tubing – Peristaltic Pump</b> |

|                        |
|------------------------|
| <b>C. WELL PURGING</b> |
|------------------------|

| FIELD PARAMETERS [stabilization criteria] RECORD EVERY 3 MINUTES |                            |                               |                                               |                         |             |                    |  |
|------------------------------------------------------------------|----------------------------|-------------------------------|-----------------------------------------------|-------------------------|-------------|--------------------|--|
| Time                                                             | Temperature<br>(°C)<br>10% | Dissolved<br>Oxygen<br>(mg/L) | Specific<br>Conductance<br>(µS/cm)<br>+/- 10% | pH<br>(S.U.)<br>+/- 0.1 | ORP<br>(mV) | Turbidity<br>(NTU) |  |
| 4:22 PM                                                          | Purging start time.        |                               |                                               |                         |             |                    |  |
| 4:25 PM                                                          | 14.5                       | 2.2                           | 1485.5                                        | 6.50                    | -55.7       | 39.7               |  |
| 4:28 PM                                                          | 14.2                       | 1.0                           | 1495.6                                        | 6.49                    | -60.3       | 41.9               |  |
| 4:31 PM                                                          | 14.1                       | 0.7                           | 1499.3                                        | 6.48                    | -61.5       | 42.7               |  |
| 4:34 PM                                                          | 14.0                       | 0.5                           | 1498.3                                        | 6.47                    | -62.2       | 41.0               |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
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|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
| Parameters stabilized, sample collected.                         |                            |                               |                                               |                         |             |                    |  |

|                                                |               |
|------------------------------------------------|---------------|
| Quantity of Water Removed from Well (liters):  | <b>1.3</b>    |
| Was well pumped/bailed dry?                    | <b>No</b>     |
| Total Amount of Time Purged (minutes:seconds): | <b>12:00</b>  |
| Average Purge Rate (mL/min):                   | <b>108.33</b> |

|                                               |                                                       |
|-----------------------------------------------|-------------------------------------------------------|
| <b>D. WELL MAINTENANCE</b>                    |                                                       |
| Does the well require any future maintenance? | <b>No</b>                                             |
| If yes, explain:                              |                                                       |
| Additional Comments:                          | <b>Color: Red/brown tint    Odor: Slightly earthy</b> |

# FORM FOR GROUNDWATER SAMPLING

|                                                             |                                |
|-------------------------------------------------------------|--------------------------------|
| Project: <b>Clinton County Sanitary Landfill East-South</b> |                                |
| Monitoring Well/Piezometer ID: <b>MW-90-18</b>              | Date: <b>11/7/2025</b>         |
| Gradient: <b>Down</b>                                       | Sampler: <b>Michael Morgan</b> |

|                                    |  |
|------------------------------------|--|
| <b>A. MW/PIEZOMETER CONDITIONS</b> |  |
| Well/Piezometer Capped? <b>Yes</b> |  |
| Litter/Standing Water? <b>No</b>   |  |

|                                                                  |                                            |
|------------------------------------------------------------------|--------------------------------------------|
| <b>B. GROUNDWATER ELEVATION MEASUREMENT (+/- 0.01 foot, MSL)</b> |                                            |
| Measured Well Total Depth (feet):                                | <b>25.2</b>                                |
| Initial Static Water Level (feet):                               | <b>9.32</b>                                |
| Initial Groundwater Elevation (ft-amsl):                         | <b>646.84</b>                              |
| Equipment Used:                                                  | <b>Dedicated Tubing – Peristaltic Pump</b> |

|                        |
|------------------------|
| <b>C. WELL PURGING</b> |
|------------------------|

| FIELD PARAMETERS [stabilization criteria] RECORD EVERY 3 MINUTES |                            |                               |                                               |                         |             |                    |  |
|------------------------------------------------------------------|----------------------------|-------------------------------|-----------------------------------------------|-------------------------|-------------|--------------------|--|
| Time                                                             | Temperature<br>(°C)<br>10% | Dissolved<br>Oxygen<br>(mg/L) | Specific<br>Conductance<br>(µS/cm)<br>+/- 10% | pH<br>(S.U.)<br>+/- 0.1 | ORP<br>(mV) | Turbidity<br>(NTU) |  |
| 9:10 AM                                                          | Purging start time.        |                               |                                               |                         |             |                    |  |
| 9:13 AM                                                          | 12.5                       | 2.7                           | 763.3                                         | 6.98                    | -77.2       | 11.2               |  |
| 9:16 AM                                                          | 12.6                       | 1.2                           | 780.5                                         | 6.96                    | -86.4       | 7.8                |  |
| 9:19 AM                                                          | 12.6                       | 0.8                           | 795.1                                         | 6.95                    | -91.5       | 7.9                |  |
| 9:22 AM                                                          | 12.6                       | 0.6                           | 796.5                                         | 6.95                    | -94.3       | 7.5                |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
|                                                                  |                            |                               |                                               |                         |             |                    |  |
| Parameters stabilized, sample collected.                         |                            |                               |                                               |                         |             |                    |  |

|                                                |               |
|------------------------------------------------|---------------|
| Quantity of Water Removed from Well (liters):  | <b>1.9</b>    |
| Was well pumped/bailed dry?                    | <b>No</b>     |
| Total Amount of Time Purged (minutes:seconds): | <b>12:00</b>  |
| Average Purge Rate (mL/min):                   | <b>158.33</b> |

|                                               |                                  |
|-----------------------------------------------|----------------------------------|
| <b>D. WELL MAINTENANCE</b>                    |                                  |
| Does the well require any future maintenance? | <b>No</b>                        |
| If yes, explain:                              |                                  |
| Additional Comments:                          | <b>Color: Clear Odor: Sulfur</b> |

## FORM FOR SURFACE WATER SAMPLING

|                              |                                             |            |               |
|------------------------------|---------------------------------------------|------------|---------------|
| Site Name                    | Clinton County Sanitary Landfill-East South | Permit No. | 23-SDP-01-74P |
| Surface Monitoring Point No. | GU-1                                        | Date       | 11/6/25       |

Name of Person Sampling Michael Morgan

#### A. TYPE OF MONITORING POINT

|                |  |                 |   |
|----------------|--|-----------------|---|
| Stream         |  | Open Tile       |   |
| Road Ditch     |  | Tile with Riser |   |
| Drainage Ditch |  | Other           | X |

### B. PURPOSE OF MONITORING POINT

| Upstream        |   | Downstream |
|-----------------|---|------------|
| Within Landfill | X |            |
|                 |   | Other      |

### C. MONITORING POINT CONDITIONS/LOCATION

Phase 1A Cell groundwater underdrain outfall

|                           |            |                                 |       |
|---------------------------|------------|---------------------------------|-------|
| Was monitoring point dry? | <u>Yes</u> | Too little water to sample?     | _____ |
| Was water flowing?        | <u>No</u>  | If yes, estimate quantity (cfs) | _____ |
| Standing Water?           | <u>No</u>  | If yes, estimate depth (inches) | _____ |
|                           |            | If yes, estimate width (inches) | _____ |
| Was water discolored?     | _____      |                                 |       |
| Does water have odor?     | _____      |                                 |       |
| Was ground discolored?    | _____      |                                 |       |
| Litter present?           | _____      |                                 |       |

#### D. FIELD MEASUREMENTS

Weather Conditions: \_\_\_\_\_

Time:

**Field Measurements:**

Temperature \_\_\_\_\_ Units \_\_\_\_\_ Celsius \_\_\_\_\_

Equipment Used \_\_\_\_\_

|                |  |       |                |
|----------------|--|-------|----------------|
| pH             |  | Units | Standard units |
| Equipment Used |  |       |                |

|                   |       |       |                        |
|-------------------|-------|-------|------------------------|
| Spec. Conductance | _____ | Units | _____ $\mu\text{S/cm}$ |
| Equipment Used    | _____ |       |                        |

COMMENTS ~~Small~~ Monitoring point dry? No gas outlet, but pump set  
up opposite MW-05-BR

# FORM FOR SURFACE WATER SAMPLING

Site Name Clinton County Sanitary Landfill-East South Permit No. 23-SDP-01-74P  
 Surface Monitoring Point No. UD-2 Date 11/6/25

Name of Person Sampling Michael Morgan

## A. TYPE OF MOINITORING POINT

Stream \_\_\_\_\_ Open Tile \_\_\_\_\_  
 Road Ditch \_\_\_\_\_ Tile with Riser \_\_\_\_\_  
 Drainage Ditch \_\_\_\_\_ Other Lagoon Underdrain

## B. PURPOSE OF MONITORING POINT

Upstream \_\_\_\_\_ Downstream \_\_\_\_\_  
 Within Landfill X Other \_\_\_\_\_

## C. MONITORING POINT CONDITIONS/LOCATION

Lagoon Underdrain  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Was monitoring point dry? Yes  
 Was water flowing? No  
 Standing Water? No If yes, estimate depth (inches) \_\_\_\_\_  
 If yes, estimate width (inches) \_\_\_\_\_  
 Was water discolored? \_\_\_\_\_  
 Does water have odor? \_\_\_\_\_  
 Was ground discolored? \_\_\_\_\_  
 Litter present? \_\_\_\_\_

## D. FIELD MEASUREMENTS

Weather Conditions: \_\_\_\_\_

Time: \_\_\_\_\_

Field Measurements:

Temperature \_\_\_\_\_ Units Celsius  
 Equipment Used \_\_\_\_\_  
 pH \_\_\_\_\_ Units Standard units  
 Equipment Used \_\_\_\_\_  
 Spec. Conductance \_\_\_\_\_ Units uS/cm  
 Equipment Used \_\_\_\_\_

COMMENTS Monitoring point dry - no sample





Appendix B-1  
Laboratory Analytical Data Sheets

# ANALYTICAL REPORT

## PREPARED FOR

Attn: Nathan Ohrt  
SCS Engineers  
1690 All State Court  
Suite 100  
West Des Moines, Iowa 50265

Generated 4/7/2025 7:19:17 AM

## JOB DESCRIPTION

Clinton County South 1st 2025 GW Sampling Event  
East, South Unit 1st 2024 HMSP

## JOB NUMBER

310-302891-1

# 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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Authorized for release by  
Samuel Miller, Project Management Assistant I  
[Samuel.Miller@et.eurofinsus.com](mailto:Samuel.Miller@et.eurofinsus.com)  
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# Case Narrative

Client: SCS Engineers  
Project: Clinton County South 1st 2025 GW Sampling Event

Job ID: 310-302891-1

**Job ID: 310-302891-1**

**Eurofins Cedar Falls**

## Job Narrative 310-302891-1

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 4:25 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 4.3°C, 4.3°C and 5.1°C.

### GC/MS VOA

Method 8260D: The preservative used in the sample containers provided is not compatible with one of the Method 8260 analytes requested. The following sample was received preserved with hydrochloric acid. No unpreserved vials were provided. Vial preservation was pH <2 rather than pH 4-5. : MW-20 (310-302891-10). The requested target analyte list includes Acrylonitrile.

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

### GC/MS Semi VOA

Method 8270E: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 310-450191. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

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

### Herbicides

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.

Eurofins Cedar Falls

## Sample Summary

Client: SCS Engineers

Job ID: 310-302891-1

Project/Site: Clinton County South 1st 2025 GW Sampling  
Event

| Lab Sample ID | Client Sample ID | Matrix      | Collected      | Received       |
|---------------|------------------|-------------|----------------|----------------|
| 310-302891-1  | MW-05-02         | Groundwater | 03/25/25 14:27 | 03/27/25 16:25 |
| 310-302891-2  | MW-05-8R         | Groundwater | 03/25/25 12:40 | 03/27/25 16:25 |
| 310-302891-3  | MW-19            | Groundwater | 03/25/25 10:51 | 03/27/25 16:25 |
| 310-302891-4  | MW-29            | Groundwater | 03/25/25 15:58 | 03/27/25 16:25 |
| 310-302891-5  | MW-39            | Groundwater | 03/25/25 16:41 | 03/27/25 16:25 |
| 310-302891-6  | MW-40            | Groundwater | 03/25/25 12:19 | 03/27/25 16:25 |
| 310-302891-7  | MW-41            | Groundwater | 03/25/25 13:44 | 03/27/25 16:25 |
| 310-302891-8  | MW-42            | Groundwater | 03/25/25 15:10 | 03/27/25 16:25 |
| 310-302891-9  | MW-90-11         | Groundwater | 03/25/25 09:03 | 03/27/25 16:25 |
| 310-302891-10 | MW-20            | Groundwater | 03/25/25 09:53 | 03/27/25 16:25 |
| 310-302891-11 | MW-24            | Groundwater | 03/25/25 11:29 | 03/27/25 16:25 |
| 310-302891-12 | MW-32            | Groundwater | 03/26/25 10:42 | 03/27/25 16:25 |
| 310-302891-13 | MW-33            | Groundwater | 03/26/25 09:30 | 03/27/25 16:25 |
| 310-302891-14 | MW-D1            | Groundwater | 03/25/25 10:51 | 03/27/25 16:25 |
| 310-302891-15 | MW-D2            | Groundwater | 03/26/25 10:42 | 03/27/25 16:25 |
| 310-302891-16 | Trip Blank 1     | Trip Blank  | 03/25/25 00:00 | 03/27/25 16:25 |
| 310-302891-17 | Trip Blank 2     | Trip Blank  | 03/25/25 00:00 | 03/27/25 16:25 |
| 310-302891-18 | Trip Blank 3     | Trip Blank  | 03/25/25 00:00 | 03/27/25 16:25 |

## Detection Summary

Client: SCS Engineers

Job ID: 310-302891-1

Project/Site: Clinton County South 1st 2025 GW Sampling

Event

### Client Sample ID: MW-05-02

### Lab Sample ID: 310-302891-1

| Analyte  | Result   | Qualifier | RL       | MDL      | Unit | Dil Fac | D | Method | Prep Type |
|----------|----------|-----------|----------|----------|------|---------|---|--------|-----------|
| Barium   | 0.130    |           | 0.00200  | 0.000660 | mg/L | 1       |   | 6020B  | Total/NA  |
| Cadmium  | 0.000108 | J         | 0.000200 | 0.000100 | mg/L | 1       |   | 6020B  | Total/NA  |
| Chromium | 0.00247  | J         | 0.00500  | 0.00180  | mg/L | 1       |   | 6020B  | Total/NA  |
| Lead     | 0.000806 |           | 0.000500 | 0.000330 | mg/L | 1       |   | 6020B  | Total/NA  |
| Selenium | 0.00148  | J         | 0.00500  | 0.00140  | mg/L | 1       |   | 6020B  | Total/NA  |

### Client Sample ID: MW-05-8R

### Lab Sample ID: 310-302891-2

| Analyte                | Result   | Qualifier | RL       | MDL      | Unit | Dil Fac | D | Method    | Prep Type |
|------------------------|----------|-----------|----------|----------|------|---------|---|-----------|-----------|
| Antimony               | 0.00185  | J         | 0.00200  | 0.00100  | mg/L | 1       |   | 6020B     | Total/NA  |
| Arsenic                | 0.00119  | J         | 0.00200  | 0.000530 | mg/L | 1       |   | 6020B     | Total/NA  |
| Barium                 | 0.0948   |           | 0.00200  | 0.000660 | mg/L | 1       |   | 6020B     | Total/NA  |
| Chromium               | 0.00611  |           | 0.00500  | 0.00180  | mg/L | 1       |   | 6020B     | Total/NA  |
| Cobalt                 | 0.000972 |           | 0.000500 | 0.000170 | mg/L | 1       |   | 6020B     | Total/NA  |
| Copper                 | 0.00338  | J         | 0.00500  | 0.00320  | mg/L | 1       |   | 6020B     | Total/NA  |
| Lead                   | 0.00111  |           | 0.000500 | 0.000330 | mg/L | 1       |   | 6020B     | Total/NA  |
| Nickel                 | 0.00496  | J         | 0.00500  | 0.00230  | mg/L | 1       |   | 6020B     | Total/NA  |
| Vanadium               | 0.00531  |           | 0.00500  | 0.00170  | mg/L | 1       |   | 6020B     | Total/NA  |
| Total Suspended Solids | 107      |           | 2.50     | 1.75     | mg/L | 1       |   | I-3765-85 | Total/NA  |

### Client Sample ID: MW-19

### Lab Sample ID: 310-302891-3

| Analyte | Result  | Qualifier | RL      | MDL      | Unit | Dil Fac | D | Method | Prep Type |
|---------|---------|-----------|---------|----------|------|---------|---|--------|-----------|
| Barium  | 0.150   |           | 0.00200 | 0.000660 | mg/L | 1       |   | 6020B  | Total/NA  |
| Nickel  | 0.00281 | J         | 0.00500 | 0.00230  | mg/L | 1       |   | 6020B  | Total/NA  |

### Client Sample ID: MW-29

### Lab Sample ID: 310-302891-4

| Analyte                | Result   | Qualifier | RL       | MDL      | Unit | Dil Fac | D | Method    | Prep Type |
|------------------------|----------|-----------|----------|----------|------|---------|---|-----------|-----------|
| Antimony               | 0.00112  | J         | 0.00200  | 0.00100  | mg/L | 1       |   | 6020B     | Total/NA  |
| Arsenic                | 0.000536 | J         | 0.00200  | 0.000530 | mg/L | 1       |   | 6020B     | Total/NA  |
| Barium                 | 0.149    |           | 0.00200  | 0.000660 | mg/L | 1       |   | 6020B     | Total/NA  |
| Chromium               | 0.00403  | J         | 0.00500  | 0.00180  | mg/L | 1       |   | 6020B     | Total/NA  |
| Cobalt                 | 0.000518 |           | 0.000500 | 0.000170 | mg/L | 1       |   | 6020B     | Total/NA  |
| Lead                   | 0.00139  |           | 0.000500 | 0.000330 | mg/L | 1       |   | 6020B     | Total/NA  |
| Thallium               | 0.000687 | J         | 0.00100  | 0.000570 | mg/L | 1       |   | 6020B     | Total/NA  |
| Vanadium               | 0.00299  | J         | 0.00500  | 0.00170  | mg/L | 1       |   | 6020B     | Total/NA  |
| Total Suspended Solids | 73.4     |           | 1.88     | 1.31     | mg/L | 1       |   | I-3765-85 | Total/NA  |

### Client Sample ID: MW-39

### Lab Sample ID: 310-302891-5

| Analyte                | Result   | Qualifier | RL       | MDL      | Unit | Dil Fac | D | Method    | Prep Type |
|------------------------|----------|-----------|----------|----------|------|---------|---|-----------|-----------|
| Arsenic                | 0.000560 | J         | 0.00200  | 0.000530 | mg/L | 1       |   | 6020B     | Total/NA  |
| Barium                 | 0.333    |           | 0.00200  | 0.000660 | mg/L | 1       |   | 6020B     | Total/NA  |
| Chromium               | 0.00265  | J         | 0.00500  | 0.00180  | mg/L | 1       |   | 6020B     | Total/NA  |
| Cobalt                 | 0.00251  |           | 0.000500 | 0.000170 | mg/L | 1       |   | 6020B     | Total/NA  |
| Lead                   | 0.00335  |           | 0.000500 | 0.000330 | mg/L | 1       |   | 6020B     | Total/NA  |
| Vanadium               | 0.00230  | J         | 0.00500  | 0.00170  | mg/L | 1       |   | 6020B     | Total/NA  |
| Total Suspended Solids | 32.0     |           | 2.50     | 1.75     | mg/L | 1       |   | I-3765-85 | Total/NA  |

This Detection Summary does not include radiochemical test results.

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## Detection Summary

Client: SCS Engineers

Job ID: 310-302891-1

Project/Site: Clinton County South 1st 2025 GW Sampling

Event

### Client Sample ID: MW-40

### Lab Sample ID: 310-302891-6

| Analyte                | Result   | Qualifier | RL       | MDL      | Unit | Dil Fac | D | Method    | Prep Type |
|------------------------|----------|-----------|----------|----------|------|---------|---|-----------|-----------|
| Antimony               | 0.00367  |           | 0.00200  | 0.00100  | mg/L | 1       |   | 6020B     | Total/NA  |
| Arsenic                | 0.00179  | J         | 0.00200  | 0.000530 | mg/L | 1       |   | 6020B     | Total/NA  |
| Barium                 | 0.0411   |           | 0.00200  | 0.000660 | mg/L | 1       |   | 6020B     | Total/NA  |
| Cadmium                | 0.000291 |           | 0.000200 | 0.000100 | mg/L | 1       |   | 6020B     | Total/NA  |
| Chromium               | 0.0724   |           | 0.00500  | 0.00180  | mg/L | 1       |   | 6020B     | Total/NA  |
| Cobalt                 | 0.00267  |           | 0.000500 | 0.000170 | mg/L | 1       |   | 6020B     | Total/NA  |
| Copper                 | 0.00731  |           | 0.00500  | 0.00320  | mg/L | 1       |   | 6020B     | Total/NA  |
| Lead                   | 0.00435  |           | 0.000500 | 0.000330 | mg/L | 1       |   | 6020B     | Total/NA  |
| Nickel                 | 0.0366   |           | 0.00500  | 0.00230  | mg/L | 1       |   | 6020B     | Total/NA  |
| Vanadium               | 0.00531  |           | 0.00500  | 0.00170  | mg/L | 1       |   | 6020B     | Total/NA  |
| Zinc                   | 0.0324   |           | 0.0200   | 0.0130   | mg/L | 1       |   | 6020B     | Total/NA  |
| Total Suspended Solids | 199      |           | 7.50     | 5.25     | mg/L | 1       |   | I-3765-85 | Total/NA  |

### Client Sample ID: MW-41

### Lab Sample ID: 310-302891-7

| Analyte                | Result   | Qualifier | RL       | MDL      | Unit | Dil Fac | D | Method    | Prep Type |
|------------------------|----------|-----------|----------|----------|------|---------|---|-----------|-----------|
| Arsenic                | 0.00262  |           | 0.00200  | 0.000530 | mg/L | 1       |   | 6020B     | Total/NA  |
| Barium                 | 0.162    |           | 0.00200  | 0.000660 | mg/L | 1       |   | 6020B     | Total/NA  |
| Cobalt                 | 0.000417 | J         | 0.000500 | 0.000170 | mg/L | 1       |   | 6020B     | Total/NA  |
| Total Suspended Solids | 5.13     |           | 1.88     | 1.31     | mg/L | 1       |   | I-3765-85 | Total/NA  |

### Client Sample ID: MW-42

### Lab Sample ID: 310-302891-8

| 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  |
| Chromium               | 0.00220  | J         | 0.00500  | 0.00180  | mg/L | 1       |   | 6020B     | Total/NA  |
| Cobalt                 | 0.000186 | J         | 0.000500 | 0.000170 | mg/L | 1       |   | 6020B     | Total/NA  |
| Lead                   | 0.000419 | J         | 0.000500 | 0.000330 | mg/L | 1       |   | 6020B     | Total/NA  |
| Total Suspended Solids | 28.6     |           | 1.88     | 1.31     | mg/L | 1       |   | I-3765-85 | Total/NA  |

### Client Sample ID: MW-90-11

### Lab Sample ID: 310-302891-9

| Analyte                | Result   | Qualifier | RL       | MDL      | Unit | Dil Fac | D | Method    | Prep Type |
|------------------------|----------|-----------|----------|----------|------|---------|---|-----------|-----------|
| Chlorobenzene          | 4.27     |           | 1.00     | 0.400    | ug/L | 1       |   | 8260D     | Total/NA  |
| Arsenic                | 0.00404  |           | 0.00200  | 0.000530 | mg/L | 1       |   | 6020B     | Total/NA  |
| Barium                 | 0.326    |           | 0.00200  | 0.000660 | mg/L | 1       |   | 6020B     | Total/NA  |
| Cobalt                 | 0.000881 |           | 0.000500 | 0.000170 | mg/L | 1       |   | 6020B     | Total/NA  |
| Lead                   | 0.00136  |           | 0.000500 | 0.000330 | mg/L | 1       |   | 6020B     | Total/NA  |
| Nickel                 | 0.00310  | J         | 0.00500  | 0.00230  | mg/L | 1       |   | 6020B     | Total/NA  |
| Total Suspended Solids | 24.0     |           | 7.50     | 5.25     | mg/L | 1       |   | I-3765-85 | Total/NA  |

### Client Sample ID: MW-20

### Lab Sample ID: 310-302891-10

| Analyte                | Result | Qualifier | RL      | MDL      | Unit | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|---------|----------|------|---------|---|--------|-----------|
| Benzene                | 0.549  |           | 0.500   | 0.220    | ug/L | 1       |   | 8260D  | Total/NA  |
| Chlorobenzene          | 0.565  | J         | 1.00    | 0.400    | ug/L | 1       |   | 8260D  | Total/NA  |
| Chloroethane           | 4.09   |           | 4.00    | 0.790    | ug/L | 1       |   | 8260D  | Total/NA  |
| cis-1,2-Dichloroethene | 2.97   |           | 1.00    | 0.210    | ug/L | 1       |   | 8260D  | Total/NA  |
| 1,1-Dichloroethane     | 8.67   |           | 1.00    | 0.220    | ug/L | 1       |   | 8260D  | Total/NA  |
| Vinyl chloride         | 0.718  | J         | 1.00    | 0.180    | ug/L | 1       |   | 8260D  | Total/NA  |
| Arsenic                | 0.0292 |           | 0.00200 | 0.000530 | mg/L | 1       |   | 6020B  | Total/NA  |
| Barium                 | 2.68   |           | 0.00800 | 0.00264  | mg/L | 4       |   | 6020B  | Total/NA  |

This Detection Summary does not include radiochemical test results.

Eurofins Cedar Falls

## Detection Summary

Client: SCS Engineers

Job ID: 310-302891-1

Project/Site: Clinton County South 1st 2025 GW Sampling

Event

### Client Sample ID: MW-20 (Continued)

Lab Sample ID: 310-302891-10

| Analyte                | Result | Qualifier | RL       | MDL      | Unit | Dil Fac | D | Method    | Prep Type |
|------------------------|--------|-----------|----------|----------|------|---------|---|-----------|-----------|
| Cobalt                 | 0.0333 |           | 0.000500 | 0.000170 | mg/L | 1       |   | 6020B     | Total/NA  |
| Nickel                 | 0.0386 |           | 0.00500  | 0.00230  | mg/L | 1       |   | 6020B     | Total/NA  |
| Total Suspended Solids | 47.5   |           | 7.50     | 5.25     | mg/L | 1       |   | I-3765-85 | Total/NA  |

### Client Sample ID: MW-24

Lab Sample ID: 310-302891-11

| Analyte                | Result  | Qualifier | RL       | MDL      | Unit | Dil Fac | D | Method    | Prep Type |
|------------------------|---------|-----------|----------|----------|------|---------|---|-----------|-----------|
| 1,1-Dichloroethane     | 0.228   | J         | 1.00     | 0.220    | ug/L | 1       |   | 8260D     | Total/NA  |
| 1,2-Dichloropropane    | 0.406   | J         | 1.00     | 0.270    | ug/L | 1       |   | 8260D     | Total/NA  |
| Benzene                | 1.21    |           | 0.500    | 0.220    | ug/L | 1       |   | 8260D     | Total/NA  |
| Chloroethane           | 2.84    | J         | 4.00     | 0.790    | ug/L | 1       |   | 8260D     | Total/NA  |
| Arsenic                | 0.00676 |           | 0.00200  | 0.000530 | mg/L | 1       |   | 6020B     | Total/NA  |
| Barium                 | 0.523   |           | 0.00200  | 0.000660 | mg/L | 1       |   | 6020B     | Total/NA  |
| Cobalt                 | 0.00230 |           | 0.000500 | 0.000170 | mg/L | 1       |   | 6020B     | Total/NA  |
| Nickel                 | 0.00268 | J         | 0.00500  | 0.00230  | mg/L | 1       |   | 6020B     | Total/NA  |
| Total Suspended Solids | 90.0    |           | 15.0     | 10.5     | mg/L | 1       |   | I-3765-85 | Total/NA  |

### Client Sample ID: MW-32

Lab Sample ID: 310-302891-12

| Analyte                | Result   | Qualifier | RL       | MDL      | Unit | Dil Fac | D | Method    | Prep Type |
|------------------------|----------|-----------|----------|----------|------|---------|---|-----------|-----------|
| Benzene                | 0.702    |           | 0.500    | 0.220    | ug/L | 1       |   | 8260D     | Total/NA  |
| Chlorobenzene          | 0.436    | J         | 1.00     | 0.400    | ug/L | 1       |   | 8260D     | Total/NA  |
| Arsenic                | 0.0239   |           | 0.00200  | 0.000530 | mg/L | 1       |   | 6020B     | Total/NA  |
| Barium                 | 0.438    |           | 0.00200  | 0.000660 | mg/L | 1       |   | 6020B     | Total/NA  |
| Beryllium              | 0.00162  |           | 0.00100  | 0.000330 | mg/L | 1       |   | 6020B     | Total/NA  |
| Cadmium                | 0.000626 |           | 0.000200 | 0.000100 | mg/L | 1       |   | 6020B     | Total/NA  |
| Chromium               | 0.0543   |           | 0.00500  | 0.00180  | mg/L | 1       |   | 6020B     | Total/NA  |
| Cobalt                 | 0.0383   |           | 0.000500 | 0.000170 | mg/L | 1       |   | 6020B     | Total/NA  |
| Copper                 | 0.0644   |           | 0.00500  | 0.00320  | mg/L | 1       |   | 6020B     | Total/NA  |
| Lead                   | 0.0209   |           | 0.000500 | 0.000330 | mg/L | 1       |   | 6020B     | Total/NA  |
| Nickel                 | 0.0576   |           | 0.00500  | 0.00230  | mg/L | 1       |   | 6020B     | Total/NA  |
| Selenium               | 0.00168  | J         | 0.00500  | 0.00140  | mg/L | 1       |   | 6020B     | Total/NA  |
| Vanadium               | 0.0761   |           | 0.00500  | 0.00170  | mg/L | 1       |   | 6020B     | Total/NA  |
| Zinc                   | 0.0982   |           | 0.0200   | 0.0130   | mg/L | 1       |   | 6020B     | Total/NA  |
| Total Suspended Solids | 2080     |           | 60.0     | 42.0     | mg/L | 1       |   | I-3765-85 | Total/NA  |

### Client Sample ID: MW-33

Lab Sample ID: 310-302891-13

No Detections.

### Client Sample ID: MW-D1

Lab Sample ID: 310-302891-14

| Analyte                | Result   | Qualifier | RL       | MDL      | Unit | Dil Fac | D | Method    | Prep Type |
|------------------------|----------|-----------|----------|----------|------|---------|---|-----------|-----------|
| Barium                 | 0.161    |           | 0.00200  | 0.000660 | mg/L | 1       |   | 6020B     | Total/NA  |
| Cadmium                | 0.000100 | J         | 0.000200 | 0.000100 | mg/L | 1       |   | 6020B     | Total/NA  |
| Lead                   | 0.000583 |           | 0.000500 | 0.000330 | mg/L | 1       |   | 6020B     | Total/NA  |
| Nickel                 | 0.00317  | J         | 0.00500  | 0.00230  | mg/L | 1       |   | 6020B     | Total/NA  |
| Total Suspended Solids | 1.38     | J         | 1.88     | 1.31     | mg/L | 1       |   | I-3765-85 | Total/NA  |

### Client Sample ID: MW-D2

Lab Sample ID: 310-302891-15

| Analyte | Result | Qualifier | RL    | MDL   | Unit | Dil Fac | D | Method | Prep Type |
|---------|--------|-----------|-------|-------|------|---------|---|--------|-----------|
| Benzene | 1.07   |           | 0.500 | 0.220 | ug/L | 1       |   | 8260D  | Total/NA  |

This Detection Summary does not include radiochemical test results.

Eurofins Cedar Falls

## Detection Summary

Client: SCS Engineers

Job ID: 310-302891-1

Project/Site: Clinton County South 1st 2025 GW Sampling

Event

### Client Sample ID: MW-D2 (Continued)

Lab Sample ID: 310-302891-15

| Analyte                | Result   | Qualifier | RL       | MDL      | Unit | Dil Fac | D | Method    | Prep Type |
|------------------------|----------|-----------|----------|----------|------|---------|---|-----------|-----------|
| Chlorobenzene          | 0.680    | J         | 1.00     | 0.400    | ug/L | 1       |   | 8260D     | Total/NA  |
| Arsenic                | 0.0152   |           | 0.00200  | 0.000530 | mg/L | 1       |   | 6020B     | Total/NA  |
| Barium                 | 0.285    |           | 0.00200  | 0.000660 | mg/L | 1       |   | 6020B     | Total/NA  |
| Beryllium              | 0.000766 | J         | 0.00100  | 0.000330 | mg/L | 1       |   | 6020B     | Total/NA  |
| Cadmium                | 0.000270 |           | 0.000200 | 0.000100 | mg/L | 1       |   | 6020B     | Total/NA  |
| Chromium               | 0.0310   |           | 0.00500  | 0.00180  | mg/L | 1       |   | 6020B     | Total/NA  |
| Cobalt                 | 0.0260   |           | 0.000500 | 0.000170 | mg/L | 1       |   | 6020B     | Total/NA  |
| Copper                 | 0.0351   |           | 0.00500  | 0.00320  | mg/L | 1       |   | 6020B     | Total/NA  |
| Lead                   | 0.0114   |           | 0.000500 | 0.000330 | mg/L | 1       |   | 6020B     | Total/NA  |
| Nickel                 | 0.0317   |           | 0.00500  | 0.00230  | mg/L | 1       |   | 6020B     | Total/NA  |
| Vanadium               | 0.0448   |           | 0.00500  | 0.00170  | mg/L | 1       |   | 6020B     | Total/NA  |
| Zinc                   | 0.0550   |           | 0.0200   | 0.0130   | mg/L | 1       |   | 6020B     | Total/NA  |
| Total Suspended Solids | 460      |           | 30.0     | 21.0     | mg/L | 1       |   | I-3765-85 | Total/NA  |

### Client Sample ID: Trip Blank 1

Lab Sample ID: 310-302891-16

No Detections.

### Client Sample ID: Trip Blank 2

Lab Sample ID: 310-302891-17

No Detections.

### Client Sample ID: Trip Blank 3

Lab Sample ID: 310-302891-18

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Cedar Falls

## Quantitation Limit Exceptions Summary

Client: SCS Engineers

Job ID: 310-302891-1

Project/Site: Clinton County South 1st 2025 GW Sampling

Event

The requested project specific reporting limits listed below were less than laboratory standard quantitation limits (PQL) but greater than or equal to the laboratory method detection limits (MDL). It must be noted that results reported below lab standard quantitation limits may result in false positive/false negative values and less accurate quantitation. Routine laboratory procedures do not indicate corrective action for detections below the laboratory's PQL.

| Method | Analyte                     | Matrix      | Prep Type | Unit | Client RL | Lab PQL |
|--------|-----------------------------|-------------|-----------|------|-----------|---------|
| 8260D  | 1,2-Dibromo-3-Chloropropane | Groundwater | Total/NA  | ug/L | 1.20      | 5       |
| 8260D  | 1,2-Dibromo-3-Chloropropane | Trip Blank  | Total/NA  | ug/L | 1.20      | 5       |
| 8260D  | 1,2-Dibromoethane (EDB)     | Groundwater | Total/NA  | ug/L | 0.340     | 1       |
| 8260D  | 1,2-Dibromoethane (EDB)     | Trip Blank  | Total/NA  | ug/L | 0.340     | 1       |

# Client Sample Results

Client: SCS Engineers

Job ID: 310-302891-1

Project/Site: Clinton County South 1st 2025 GW Sampling

Event

Client Sample ID: MW-05-02

Lab Sample ID: 310-302891-1

Date Collected: 03/25/25 14:27

Matrix: Groundwater

Date Received: 03/27/25 16:25

## 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   | <1.00  |           | 1.00  | 0.380 | ug/L |   |          | 03/29/25 00:15 | 1       |
| 1,1,1-Trichloroethane       | <1.00  |           | 1.00  | 0.190 | ug/L |   |          | 03/29/25 00:15 | 1       |
| 1,1,2,2-Tetrachloroethane   | <1.00  |           | 1.00  | 0.470 | ug/L |   |          | 03/29/25 00:15 | 1       |
| 1,1,2-Trichloroethane       | <1.00  |           | 1.00  | 0.450 | ug/L |   |          | 03/29/25 00:15 | 1       |
| 1,1-Dichloroethane          | <1.00  |           | 1.00  | 0.220 | ug/L |   |          | 03/29/25 00:15 | 1       |
| 1,1-Dichloroethene          | <2.00  |           | 2.00  | 0.560 | ug/L |   |          | 03/29/25 00:15 | 1       |
| 1,2,3-Trichloropropane      | <1.00  |           | 1.00  | 0.590 | ug/L |   |          | 03/29/25 00:15 | 1       |
| 1,2-Dibromo-3-Chloropropane | <1.20  |           | 1.20  | 1.20  | ug/L |   |          | 03/29/25 00:15 | 1       |
| 1,2-Dibromoethane (EDB)     | <0.340 |           | 0.340 | 0.340 | ug/L |   |          | 03/29/25 00:15 | 1       |
| 1,2-Dichlorobenzene         | <1.00  |           | 1.00  | 0.370 | ug/L |   |          | 03/29/25 00:15 | 1       |
| 1,2-Dichloroethane          | <1.00  |           | 1.00  | 0.390 | ug/L |   |          | 03/29/25 00:15 | 1       |
| 1,2-Dichloropropane         | <1.00  |           | 1.00  | 0.270 | ug/L |   |          | 03/29/25 00:15 | 1       |
| 1,4-Dichlorobenzene         | <1.00  |           | 1.00  | 0.230 | ug/L |   |          | 03/29/25 00:15 | 1       |
| 2-Butanone (MEK)            | <10.0  |           | 10.0  | 2.10  | ug/L |   |          | 03/29/25 00:15 | 1       |
| 2-Hexanone                  | <10.0  |           | 10.0  | 2.00  | ug/L |   |          | 03/29/25 00:15 | 1       |
| 4-Methyl-2-pentanone (MIBK) | <10.0  |           | 10.0  | 2.10  | ug/L |   |          | 03/29/25 00:15 | 1       |
| Acetone                     | <10.0  |           | 10.0  | 3.10  | ug/L |   |          | 03/29/25 00:15 | 1       |
| Acrylonitrile               | <10.0  |           | 10.0  | 2.20  | ug/L |   |          | 03/29/25 00:15 | 1       |
| Benzene                     | <0.500 |           | 0.500 | 0.220 | ug/L |   |          | 03/29/25 00:15 | 1       |
| Bromochloromethane          | <5.00  |           | 5.00  | 0.540 | ug/L |   |          | 03/29/25 00:15 | 1       |
| Bromodichloromethane        | <1.00  |           | 1.00  | 0.390 | ug/L |   |          | 03/29/25 00:15 | 1       |
| Bromoform                   | <5.00  |           | 5.00  | 0.780 | ug/L |   |          | 03/29/25 00:15 | 1       |
| Bromomethane                | <4.00  |           | 4.00  | 1.10  | ug/L |   |          | 03/29/25 00:15 | 1       |
| Carbon disulfide            | <1.00  |           | 1.00  | 0.450 | ug/L |   |          | 03/29/25 00:15 | 1       |
| Carbon tetrachloride        | <2.00  |           | 2.00  | 0.650 | ug/L |   |          | 03/29/25 00:15 | 1       |
| Chlorobenzene               | <1.00  |           | 1.00  | 0.400 | ug/L |   |          | 03/29/25 00:15 | 1       |
| Chlorodibromomethane        | <5.00  |           | 5.00  | 0.750 | ug/L |   |          | 03/29/25 00:15 | 1       |
| Chloroethane                | <4.00  |           | 4.00  | 0.790 | ug/L |   |          | 03/29/25 00:15 | 1       |
| Chloroform                  | <3.00  |           | 3.00  | 1.30  | ug/L |   |          | 03/29/25 00:15 | 1       |
| Chloromethane               | <3.00  |           | 3.00  | 0.610 | ug/L |   |          | 03/29/25 00:15 | 1       |
| cis-1,2-Dichloroethene      | <1.00  |           | 1.00  | 0.210 | ug/L |   |          | 03/29/25 00:15 | 1       |
| cis-1,3-Dichloropropene     | <5.00  |           | 5.00  | 0.250 | ug/L |   |          | 03/29/25 00:15 | 1       |
| Dibromomethane              | <1.00  |           | 1.00  | 0.330 | ug/L |   |          | 03/29/25 00:15 | 1       |
| Ethylbenzene                | <1.00  |           | 1.00  | 0.310 | ug/L |   |          | 03/29/25 00:15 | 1       |
| Iodomethane                 | <10.0  |           | 10.0  | 7.00  | ug/L |   |          | 04/01/25 15:23 | 1       |
| Methylene Chloride          | <5.00  |           | 5.00  | 1.70  | ug/L |   |          | 03/29/25 00:15 | 1       |
| Styrene                     | <1.00  |           | 1.00  | 0.370 | ug/L |   |          | 03/29/25 00:15 | 1       |
| Tetrachloroethene           | <1.00  |           | 1.00  | 0.480 | ug/L |   |          | 03/29/25 00:15 | 1       |
| Toluene                     | <1.00  |           | 1.00  | 0.430 | ug/L |   |          | 03/29/25 00:15 | 1       |
| trans-1,2-Dichloroethene    | <1.00  |           | 1.00  | 0.270 | ug/L |   |          | 03/29/25 00:15 | 1       |
| trans-1,3-Dichloropropene   | <5.00  |           | 5.00  | 0.560 | ug/L |   |          | 03/29/25 00:15 | 1       |
| trans-1,4-Dichloro-2-butene | <10.0  |           | 10.0  | 1.10  | ug/L |   |          | 03/29/25 00:15 | 1       |
| Trichloroethene             | <1.00  |           | 1.00  | 0.430 | ug/L |   |          | 03/29/25 00:15 | 1       |
| Trichlorofluoromethane      | <4.00  |           | 4.00  | 0.380 | ug/L |   |          | 03/29/25 00:15 | 1       |
| Vinyl acetate               | <10.0  |           | 10.0  | 2.50  | ug/L |   |          | 03/29/25 00:15 | 1       |
| Vinyl chloride              | <1.00  |           | 1.00  | 0.180 | ug/L |   |          | 03/29/25 00:15 | 1       |
| Xylenes, Total              | <3.00  |           | 3.00  | 0.400 | ug/L |   |          | 03/29/25 00:15 | 1       |

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# Client Sample Results

Client: SCS Engineers

Job ID: 310-302891-1

Project/Site: Clinton County South 1st 2025 GW Sampling

Event

Client Sample ID: MW-05-02

Lab Sample ID: 310-302891-1

Date Collected: 03/25/25 14:27

Matrix: Groundwater

Date Received: 03/27/25 16:25

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------|----------------|---------|
| Dibromofluoromethane (Surr) | 106       |           | 73 - 130 |          | 03/29/25 00:15 | 1       |
| Dibromofluoromethane (Surr) | 106       |           | 73 - 130 |          | 04/01/25 15:23 | 1       |
| Toluene-d8 (Surr)           | 99        |           | 80 - 120 |          | 03/29/25 00:15 | 1       |
| Toluene-d8 (Surr)           | 94        |           | 80 - 120 |          | 04/01/25 15:23 | 1       |
| 4-Bromofluorobenzene (Surr) | 104       |           | 80 - 120 |          | 03/29/25 00:15 | 1       |
| 4-Bromofluorobenzene (Surr) | 105       |           | 80 - 120 |          | 04/01/25 15:23 | 1       |

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

| Analyte   | Result    | Qualifier | RL       | MDL      | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------|-----------|-----------|----------|----------|------|---|----------------|----------------|---------|
| Antimony  | <0.00200  |           | 0.00200  | 0.00100  | mg/L |   | 03/31/25 08:30 | 04/01/25 16:03 | 1       |
| Arsenic   | <0.00200  |           | 0.00200  | 0.000530 | mg/L |   | 03/31/25 08:30 | 04/01/25 16:03 | 1       |
| Barium    | 0.130     |           | 0.00200  | 0.000660 | mg/L |   | 03/31/25 08:30 | 04/01/25 16:03 | 1       |
| Beryllium | <0.00100  |           | 0.00100  | 0.000330 | mg/L |   | 03/31/25 08:30 | 04/01/25 16:03 | 1       |
| Cadmium   | 0.000108  | J         | 0.000200 | 0.000100 | mg/L |   | 03/31/25 08:30 | 04/01/25 16:03 | 1       |
| Chromium  | 0.00247   | J         | 0.00500  | 0.00180  | mg/L |   | 03/31/25 08:30 | 04/01/25 16:03 | 1       |
| Cobalt    | <0.000500 |           | 0.000500 | 0.000170 | mg/L |   | 03/31/25 08:30 | 04/01/25 16:03 | 1       |
| Copper    | <0.00500  |           | 0.00500  | 0.00320  | mg/L |   | 03/31/25 08:30 | 04/02/25 14:08 | 1       |
| Lead      | 0.000806  |           | 0.000500 | 0.000330 | mg/L |   | 03/31/25 08:30 | 04/01/25 16:03 | 1       |
| Nickel    | <0.00500  |           | 0.00500  | 0.00230  | mg/L |   | 03/31/25 08:30 | 04/01/25 16:03 | 1       |
| Selenium  | 0.00148   | J         | 0.00500  | 0.00140  | mg/L |   | 03/31/25 08:30 | 04/01/25 16:03 | 1       |
| Silver    | <0.00100  |           | 0.00100  | 0.000500 | mg/L |   | 03/31/25 08:30 | 04/01/25 16:03 | 1       |
| Thallium  | <0.00100  |           | 0.00100  | 0.000570 | mg/L |   | 03/31/25 08:30 | 04/01/25 16:03 | 1       |
| Vanadium  | <0.00500  |           | 0.00500  | 0.00170  | mg/L |   | 03/31/25 08:30 | 04/01/25 16:03 | 1       |
| Zinc      | <0.0200   |           | 0.0200   | 0.0130   | mg/L |   | 03/31/25 08:30 | 04/01/25 16:03 | 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 |   |          | 03/28/25 07:41 | 1       |

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# Client Sample Results

Client: SCS Engineers

Job ID: 310-302891-1

Project/Site: Clinton County South 1st 2025 GW Sampling

Event

Client Sample ID: MW-05-8R

Lab Sample ID: 310-302891-2

Date Collected: 03/25/25 12:40

Matrix: Groundwater

Date Received: 03/27/25 16:25

## 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   | <1.00  |           | 1.00  | 0.380 | ug/L |   |          | 03/29/25 00:37 | 1       |
| 1,1,1-Trichloroethane       | <1.00  |           | 1.00  | 0.190 | ug/L |   |          | 03/29/25 00:37 | 1       |
| 1,1,2,2-Tetrachloroethane   | <1.00  |           | 1.00  | 0.470 | ug/L |   |          | 03/29/25 00:37 | 1       |
| 1,1,2-Trichloroethane       | <1.00  |           | 1.00  | 0.450 | ug/L |   |          | 03/29/25 00:37 | 1       |
| 1,1-Dichloroethane          | <1.00  |           | 1.00  | 0.220 | ug/L |   |          | 03/29/25 00:37 | 1       |
| 1,1-Dichloroethene          | <2.00  |           | 2.00  | 0.560 | ug/L |   |          | 03/29/25 00:37 | 1       |
| 1,2,3-Trichloropropane      | <1.00  |           | 1.00  | 0.590 | ug/L |   |          | 03/29/25 00:37 | 1       |
| 1,2-Dibromo-3-Chloropropane | <1.20  |           | 1.20  | 1.20  | ug/L |   |          | 03/29/25 00:37 | 1       |
| 1,2-Dibromoethane (EDB)     | <0.340 |           | 0.340 | 0.340 | ug/L |   |          | 03/29/25 00:37 | 1       |
| 1,2-Dichlorobenzene         | <1.00  |           | 1.00  | 0.370 | ug/L |   |          | 03/29/25 00:37 | 1       |
| 1,2-Dichloroethane          | <1.00  |           | 1.00  | 0.390 | ug/L |   |          | 03/29/25 00:37 | 1       |
| 1,2-Dichloropropane         | <1.00  |           | 1.00  | 0.270 | ug/L |   |          | 03/29/25 00:37 | 1       |
| 1,4-Dichlorobenzene         | <1.00  |           | 1.00  | 0.230 | ug/L |   |          | 03/29/25 00:37 | 1       |
| 2-Butanone (MEK)            | <10.0  |           | 10.0  | 2.10  | ug/L |   |          | 03/29/25 00:37 | 1       |
| 2-Hexanone                  | <10.0  |           | 10.0  | 2.00  | ug/L |   |          | 03/29/25 00:37 | 1       |
| 4-Methyl-2-pentanone (MIBK) | <10.0  |           | 10.0  | 2.10  | ug/L |   |          | 03/29/25 00:37 | 1       |
| Acetone                     | <10.0  |           | 10.0  | 3.10  | ug/L |   |          | 03/29/25 00:37 | 1       |
| Acrylonitrile               | <10.0  |           | 10.0  | 2.20  | ug/L |   |          | 03/29/25 00:37 | 1       |
| Benzene                     | <0.500 |           | 0.500 | 0.220 | ug/L |   |          | 03/29/25 00:37 | 1       |
| Bromochloromethane          | <5.00  |           | 5.00  | 0.540 | ug/L |   |          | 03/29/25 00:37 | 1       |
| Bromodichloromethane        | <1.00  |           | 1.00  | 0.390 | ug/L |   |          | 03/29/25 00:37 | 1       |
| Bromoform                   | <5.00  |           | 5.00  | 0.780 | ug/L |   |          | 03/29/25 00:37 | 1       |
| Bromomethane                | <4.00  |           | 4.00  | 1.10  | ug/L |   |          | 03/29/25 00:37 | 1       |
| Carbon disulfide            | <1.00  |           | 1.00  | 0.450 | ug/L |   |          | 03/29/25 00:37 | 1       |
| Carbon tetrachloride        | <2.00  |           | 2.00  | 0.650 | ug/L |   |          | 03/29/25 00:37 | 1       |
| Chlorobenzene               | <1.00  |           | 1.00  | 0.400 | ug/L |   |          | 03/29/25 00:37 | 1       |
| Chlorodibromomethane        | <5.00  |           | 5.00  | 0.750 | ug/L |   |          | 03/29/25 00:37 | 1       |
| Chloroethane                | <4.00  |           | 4.00  | 0.790 | ug/L |   |          | 03/29/25 00:37 | 1       |
| Chloroform                  | <3.00  |           | 3.00  | 1.30  | ug/L |   |          | 03/29/25 00:37 | 1       |
| Chloromethane               | <3.00  |           | 3.00  | 0.610 | ug/L |   |          | 03/29/25 00:37 | 1       |
| cis-1,2-Dichloroethene      | <1.00  |           | 1.00  | 0.210 | ug/L |   |          | 03/29/25 00:37 | 1       |
| cis-1,3-Dichloropropene     | <5.00  |           | 5.00  | 0.250 | ug/L |   |          | 03/29/25 00:37 | 1       |
| Dibromomethane              | <1.00  |           | 1.00  | 0.330 | ug/L |   |          | 03/29/25 00:37 | 1       |
| Ethylbenzene                | <1.00  |           | 1.00  | 0.310 | ug/L |   |          | 03/29/25 00:37 | 1       |
| Iodomethane                 | <10.0  |           | 10.0  | 7.00  | ug/L |   |          | 04/01/25 15:44 | 1       |
| Methylene Chloride          | <5.00  |           | 5.00  | 1.70  | ug/L |   |          | 03/29/25 00:37 | 1       |
| Styrene                     | <1.00  |           | 1.00  | 0.370 | ug/L |   |          | 03/29/25 00:37 | 1       |
| Tetrachloroethene           | <1.00  |           | 1.00  | 0.480 | ug/L |   |          | 03/29/25 00:37 | 1       |
| Toluene                     | <1.00  |           | 1.00  | 0.430 | ug/L |   |          | 03/29/25 00:37 | 1       |
| trans-1,2-Dichloroethene    | <1.00  |           | 1.00  | 0.270 | ug/L |   |          | 03/29/25 00:37 | 1       |
| trans-1,3-Dichloropropene   | <5.00  |           | 5.00  | 0.560 | ug/L |   |          | 03/29/25 00:37 | 1       |
| trans-1,4-Dichloro-2-butene | <10.0  |           | 10.0  | 1.10  | ug/L |   |          | 03/29/25 00:37 | 1       |
| Trichloroethene             | <1.00  |           | 1.00  | 0.430 | ug/L |   |          | 03/29/25 00:37 | 1       |
| Trichlorofluoromethane      | <4.00  |           | 4.00  | 0.380 | ug/L |   |          | 03/29/25 00:37 | 1       |
| Vinyl acetate               | <10.0  |           | 10.0  | 2.50  | ug/L |   |          | 03/29/25 00:37 | 1       |
| Vinyl chloride              | <1.00  |           | 1.00  | 0.180 | ug/L |   |          | 03/29/25 00:37 | 1       |
| Xylenes, Total              | <3.00  |           | 3.00  | 0.400 | ug/L |   |          | 03/29/25 00:37 | 1       |

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# Client Sample Results

Client: SCS Engineers

Job ID: 310-302891-1

Project/Site: Clinton County South 1st 2025 GW Sampling

Event

**Client Sample ID: MW-05-8R**

**Lab Sample ID: 310-302891-2**

**Date Collected: 03/25/25 12:40**

**Matrix: Groundwater**

**Date Received: 03/27/25 16:25**

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------|----------------|---------|
| Dibromofluoromethane (Surr) | 107       |           | 73 - 130 |          | 03/29/25 00:37 | 1       |
| Dibromofluoromethane (Surr) | 108       |           | 73 - 130 |          | 04/01/25 15:44 | 1       |
| Toluene-d8 (Surr)           | 99        |           | 80 - 120 |          | 03/29/25 00:37 | 1       |
| Toluene-d8 (Surr)           | 95        |           | 80 - 120 |          | 04/01/25 15:44 | 1       |
| 4-Bromofluorobenzene (Surr) | 101       |           | 80 - 120 |          | 03/29/25 00:37 | 1       |
| 4-Bromofluorobenzene (Surr) | 103       |           | 80 - 120 |          | 04/01/25 15:44 | 1       |

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

| Analyte   | Result    | Qualifier | RL       | MDL      | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------|-----------|-----------|----------|----------|------|---|----------------|----------------|---------|
| Antimony  | 0.00185   | J         | 0.00200  | 0.00100  | mg/L |   | 03/31/25 08:30 | 04/01/25 16:06 | 1       |
| Arsenic   | 0.00119   | J         | 0.00200  | 0.000530 | mg/L |   | 03/31/25 08:30 | 04/01/25 16:06 | 1       |
| Barium    | 0.0948    |           | 0.00200  | 0.000660 | mg/L |   | 03/31/25 08:30 | 04/01/25 16:06 | 1       |
| Beryllium | <0.00100  |           | 0.00100  | 0.000330 | mg/L |   | 03/31/25 08:30 | 04/01/25 16:06 | 1       |
| Cadmium   | <0.000200 |           | 0.000200 | 0.000100 | mg/L |   | 03/31/25 08:30 | 04/01/25 16:06 | 1       |
| Chromium  | 0.00611   |           | 0.00500  | 0.00180  | mg/L |   | 03/31/25 08:30 | 04/01/25 16:06 | 1       |
| Cobalt    | 0.000972  |           | 0.000500 | 0.000170 | mg/L |   | 03/31/25 08:30 | 04/01/25 16:06 | 1       |
| Copper    | 0.00338   | J         | 0.00500  | 0.00320  | mg/L |   | 03/31/25 08:30 | 04/02/25 14:11 | 1       |
| Lead      | 0.00111   |           | 0.000500 | 0.000330 | mg/L |   | 03/31/25 08:30 | 04/01/25 16:06 | 1       |
| Nickel    | 0.00496   | J         | 0.00500  | 0.00230  | mg/L |   | 03/31/25 08:30 | 04/01/25 16:06 | 1       |
| Selenium  | <0.00500  |           | 0.00500  | 0.00140  | mg/L |   | 03/31/25 08:30 | 04/01/25 16:06 | 1       |
| Silver    | <0.00100  |           | 0.00100  | 0.000500 | mg/L |   | 03/31/25 08:30 | 04/01/25 16:06 | 1       |
| Thallium  | <0.00100  |           | 0.00100  | 0.000570 | mg/L |   | 03/31/25 08:30 | 04/01/25 16:06 | 1       |
| Vanadium  | 0.00531   |           | 0.00500  | 0.00170  | mg/L |   | 03/31/25 08:30 | 04/01/25 16:06 | 1       |
| Zinc      | <0.0200   |           | 0.0200   | 0.0130   | mg/L |   | 03/31/25 08:30 | 04/01/25 16:06 | 1       |

## General Chemistry

| Analyte                                 | Result | Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------------------|--------|-----------|------|------|------|---|----------|----------------|---------|
| Total Suspended Solids (USGS I-3765-85) | 107    |           | 2.50 | 1.75 | mg/L |   |          | 03/28/25 07:41 | 1       |



# Client Sample Results

Client: SCS Engineers

Job ID: 310-302891-1

Project/Site: Clinton County South 1st 2025 GW Sampling

Event

Client Sample ID: MW-19

Lab Sample ID: 310-302891-3

Date Collected: 03/25/25 10:51

Matrix: Groundwater

Date Received: 03/27/25 16:25

## 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   | <1.00  |           | 1.00  | 0.380 | ug/L |   |          | 03/29/25 01:00 | 1       |
| 1,1,1-Trichloroethane       | <1.00  |           | 1.00  | 0.190 | ug/L |   |          | 03/29/25 01:00 | 1       |
| 1,1,2,2-Tetrachloroethane   | <1.00  |           | 1.00  | 0.470 | ug/L |   |          | 03/29/25 01:00 | 1       |
| 1,1,2-Trichloroethane       | <1.00  |           | 1.00  | 0.450 | ug/L |   |          | 03/29/25 01:00 | 1       |
| 1,1-Dichloroethane          | <1.00  |           | 1.00  | 0.220 | ug/L |   |          | 03/29/25 01:00 | 1       |
| 1,1-Dichloroethene          | <2.00  |           | 2.00  | 0.560 | ug/L |   |          | 03/29/25 01:00 | 1       |
| 1,2,3-Trichloropropane      | <1.00  |           | 1.00  | 0.590 | ug/L |   |          | 03/29/25 01:00 | 1       |
| 1,2-Dibromo-3-Chloropropane | <1.20  |           | 1.20  | 1.20  | ug/L |   |          | 03/29/25 01:00 | 1       |
| 1,2-Dibromoethane (EDB)     | <0.340 |           | 0.340 | 0.340 | ug/L |   |          | 03/29/25 01:00 | 1       |
| 1,2-Dichlorobenzene         | <1.00  |           | 1.00  | 0.370 | ug/L |   |          | 03/29/25 01:00 | 1       |
| 1,2-Dichloroethane          | <1.00  |           | 1.00  | 0.390 | ug/L |   |          | 03/29/25 01:00 | 1       |
| 1,2-Dichloropropane         | <1.00  |           | 1.00  | 0.270 | ug/L |   |          | 03/29/25 01:00 | 1       |
| 1,4-Dichlorobenzene         | <1.00  |           | 1.00  | 0.230 | ug/L |   |          | 03/29/25 01:00 | 1       |
| 2-Butanone (MEK)            | <10.0  |           | 10.0  | 2.10  | ug/L |   |          | 03/29/25 01:00 | 1       |
| 2-Hexanone                  | <10.0  |           | 10.0  | 2.00  | ug/L |   |          | 03/29/25 01:00 | 1       |
| 4-Methyl-2-pentanone (MIBK) | <10.0  |           | 10.0  | 2.10  | ug/L |   |          | 03/29/25 01:00 | 1       |
| Acetone                     | <10.0  |           | 10.0  | 3.10  | ug/L |   |          | 03/29/25 01:00 | 1       |
| Acrylonitrile               | <10.0  |           | 10.0  | 2.20  | ug/L |   |          | 03/29/25 01:00 | 1       |
| Benzene                     | <0.500 |           | 0.500 | 0.220 | ug/L |   |          | 03/29/25 01:00 | 1       |
| Bromochloromethane          | <5.00  |           | 5.00  | 0.540 | ug/L |   |          | 03/29/25 01:00 | 1       |
| Bromodichloromethane        | <1.00  |           | 1.00  | 0.390 | ug/L |   |          | 03/29/25 01:00 | 1       |
| Bromoform                   | <5.00  |           | 5.00  | 0.780 | ug/L |   |          | 03/29/25 01:00 | 1       |
| Bromomethane                | <4.00  |           | 4.00  | 1.10  | ug/L |   |          | 03/29/25 01:00 | 1       |
| Carbon disulfide            | <1.00  |           | 1.00  | 0.450 | ug/L |   |          | 03/29/25 01:00 | 1       |
| Carbon tetrachloride        | <2.00  |           | 2.00  | 0.650 | ug/L |   |          | 03/29/25 01:00 | 1       |
| Chlorobenzene               | <1.00  |           | 1.00  | 0.400 | ug/L |   |          | 03/29/25 01:00 | 1       |
| Chlorodibromomethane        | <5.00  |           | 5.00  | 0.750 | ug/L |   |          | 03/29/25 01:00 | 1       |
| Chloroethane                | <4.00  |           | 4.00  | 0.790 | ug/L |   |          | 03/29/25 01:00 | 1       |
| Chloroform                  | <3.00  |           | 3.00  | 1.30  | ug/L |   |          | 03/29/25 01:00 | 1       |
| Chloromethane               | <3.00  |           | 3.00  | 0.610 | ug/L |   |          | 03/29/25 01:00 | 1       |
| cis-1,2-Dichloroethene      | <1.00  |           | 1.00  | 0.210 | ug/L |   |          | 03/29/25 01:00 | 1       |
| cis-1,3-Dichloropropene     | <5.00  |           | 5.00  | 0.250 | ug/L |   |          | 03/29/25 01:00 | 1       |
| Dibromomethane              | <1.00  |           | 1.00  | 0.330 | ug/L |   |          | 03/29/25 01:00 | 1       |
| Ethylbenzene                | <1.00  |           | 1.00  | 0.310 | ug/L |   |          | 03/29/25 01:00 | 1       |
| Iodomethane                 | <10.0  |           | 10.0  | 7.00  | ug/L |   |          | 04/01/25 16:06 | 1       |
| Methylene Chloride          | <5.00  |           | 5.00  | 1.70  | ug/L |   |          | 03/29/25 01:00 | 1       |
| Styrene                     | <1.00  |           | 1.00  | 0.370 | ug/L |   |          | 03/29/25 01:00 | 1       |
| Tetrachloroethene           | <1.00  |           | 1.00  | 0.480 | ug/L |   |          | 03/29/25 01:00 | 1       |
| Toluene                     | <1.00  |           | 1.00  | 0.430 | ug/L |   |          | 03/29/25 01:00 | 1       |
| trans-1,2-Dichloroethene    | <1.00  |           | 1.00  | 0.270 | ug/L |   |          | 03/29/25 01:00 | 1       |
| trans-1,3-Dichloropropene   | <5.00  |           | 5.00  | 0.560 | ug/L |   |          | 03/29/25 01:00 | 1       |
| trans-1,4-Dichloro-2-butene | <10.0  |           | 10.0  | 1.10  | ug/L |   |          | 03/29/25 01:00 | 1       |
| Trichloroethene             | <1.00  |           | 1.00  | 0.430 | ug/L |   |          | 03/29/25 01:00 | 1       |
| Trichlorofluoromethane      | <4.00  |           | 4.00  | 0.380 | ug/L |   |          | 03/29/25 01:00 | 1       |
| Vinyl acetate               | <10.0  |           | 10.0  | 2.50  | ug/L |   |          | 03/29/25 01:00 | 1       |
| Vinyl chloride              | <1.00  |           | 1.00  | 0.180 | ug/L |   |          | 03/29/25 01:00 | 1       |
| Xylenes, Total              | <3.00  |           | 3.00  | 0.400 | ug/L |   |          | 03/29/25 01:00 | 1       |

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# Client Sample Results

Client: SCS Engineers

Job ID: 310-302891-1

Project/Site: Clinton County South 1st 2025 GW Sampling

Event

Client Sample ID: MW-19

Lab Sample ID: 310-302891-3

Date Collected: 03/25/25 10:51

Matrix: Groundwater

Date Received: 03/27/25 16:25

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------|----------------|---------|
| Dibromofluoromethane (Surr) | 107       |           | 73 - 130 |          | 03/29/25 01:00 | 1       |
| Dibromofluoromethane (Surr) | 107       |           | 73 - 130 |          | 04/01/25 16:06 | 1       |
| Toluene-d8 (Surr)           | 99        |           | 80 - 120 |          | 03/29/25 01:00 | 1       |
| Toluene-d8 (Surr)           | 94        |           | 80 - 120 |          | 04/01/25 16:06 | 1       |
| 4-Bromofluorobenzene (Surr) | 103       |           | 80 - 120 |          | 03/29/25 01:00 | 1       |
| 4-Bromofluorobenzene (Surr) | 107       |           | 80 - 120 |          | 04/01/25 16:06 | 1       |

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

| Analyte   | Result    | Qualifier | RL       | MDL      | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------|-----------|-----------|----------|----------|------|---|----------------|----------------|---------|
| Antimony  | <0.00200  |           | 0.00200  | 0.00100  | mg/L |   | 03/31/25 08:30 | 04/01/25 16:08 | 1       |
| Arsenic   | <0.00200  |           | 0.00200  | 0.000530 | mg/L |   | 03/31/25 08:30 | 04/01/25 16:08 | 1       |
| Barium    | 0.150     |           | 0.00200  | 0.000660 | mg/L |   | 03/31/25 08:30 | 04/01/25 16:08 | 1       |
| Beryllium | <0.00100  |           | 0.00100  | 0.000330 | mg/L |   | 03/31/25 08:30 | 04/01/25 16:08 | 1       |
| Cadmium   | <0.000200 |           | 0.000200 | 0.000100 | mg/L |   | 03/31/25 08:30 | 04/01/25 16:08 | 1       |
| Chromium  | <0.00500  |           | 0.00500  | 0.00180  | mg/L |   | 03/31/25 08:30 | 04/01/25 16:08 | 1       |
| Cobalt    | <0.000500 |           | 0.000500 | 0.000170 | mg/L |   | 03/31/25 08:30 | 04/01/25 16:08 | 1       |
| Copper    | <0.00500  |           | 0.00500  | 0.00320  | mg/L |   | 03/31/25 08:30 | 04/02/25 14:13 | 1       |
| Lead      | <0.000500 |           | 0.000500 | 0.000330 | mg/L |   | 03/31/25 08:30 | 04/01/25 16:08 | 1       |
| Nickel    | 0.00281   | J         | 0.00500  | 0.00230  | mg/L |   | 03/31/25 08:30 | 04/01/25 16:08 | 1       |
| Selenium  | <0.00500  |           | 0.00500  | 0.00140  | mg/L |   | 03/31/25 08:30 | 04/01/25 16:08 | 1       |
| Silver    | <0.00100  |           | 0.00100  | 0.000500 | mg/L |   | 03/31/25 08:30 | 04/01/25 16:08 | 1       |
| Thallium  | <0.00100  |           | 0.00100  | 0.000570 | mg/L |   | 03/31/25 08:30 | 04/01/25 16:08 | 1       |
| Vanadium  | <0.00500  |           | 0.00500  | 0.00170  | mg/L |   | 03/31/25 08:30 | 04/01/25 16:08 | 1       |
| Zinc      | <0.0200   |           | 0.0200   | 0.0130   | mg/L |   | 03/31/25 08:30 | 04/01/25 16:08 | 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 |   |          | 03/28/25 07:41 | 1       |

# Client Sample Results

Client: SCS Engineers

Job ID: 310-302891-1

Project/Site: Clinton County South 1st 2025 GW Sampling

Event

Client Sample ID: MW-29

Lab Sample ID: 310-302891-4

Date Collected: 03/25/25 15:58

Matrix: Groundwater

Date Received: 03/27/25 16:25

## 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   | <1.00  |           | 1.00  | 0.380 | ug/L |   |          | 03/29/25 01:22 | 1       |
| 1,1,1-Trichloroethane       | <1.00  |           | 1.00  | 0.190 | ug/L |   |          | 03/29/25 01:22 | 1       |
| 1,1,2,2-Tetrachloroethane   | <1.00  |           | 1.00  | 0.470 | ug/L |   |          | 03/29/25 01:22 | 1       |
| 1,1,2-Trichloroethane       | <1.00  |           | 1.00  | 0.450 | ug/L |   |          | 03/29/25 01:22 | 1       |
| 1,1-Dichloroethane          | <1.00  |           | 1.00  | 0.220 | ug/L |   |          | 03/29/25 01:22 | 1       |
| 1,1-Dichloroethene          | <2.00  |           | 2.00  | 0.560 | ug/L |   |          | 03/29/25 01:22 | 1       |
| 1,2,3-Trichloropropane      | <1.00  |           | 1.00  | 0.590 | ug/L |   |          | 03/29/25 01:22 | 1       |
| 1,2-Dibromo-3-Chloropropane | <1.20  |           | 1.20  | 1.20  | ug/L |   |          | 03/29/25 01:22 | 1       |
| 1,2-Dibromoethane (EDB)     | <0.340 |           | 0.340 | 0.340 | ug/L |   |          | 03/29/25 01:22 | 1       |
| 1,2-Dichlorobenzene         | <1.00  |           | 1.00  | 0.370 | ug/L |   |          | 03/29/25 01:22 | 1       |
| 1,2-Dichloroethane          | <1.00  |           | 1.00  | 0.390 | ug/L |   |          | 03/29/25 01:22 | 1       |
| 1,2-Dichloropropane         | <1.00  |           | 1.00  | 0.270 | ug/L |   |          | 03/29/25 01:22 | 1       |
| 1,4-Dichlorobenzene         | <1.00  |           | 1.00  | 0.230 | ug/L |   |          | 03/29/25 01:22 | 1       |
| 2-Butanone (MEK)            | <10.0  |           | 10.0  | 2.10  | ug/L |   |          | 03/29/25 01:22 | 1       |
| 2-Hexanone                  | <10.0  |           | 10.0  | 2.00  | ug/L |   |          | 03/29/25 01:22 | 1       |
| 4-Methyl-2-pentanone (MIBK) | <10.0  |           | 10.0  | 2.10  | ug/L |   |          | 03/29/25 01:22 | 1       |
| Acetone                     | <10.0  |           | 10.0  | 3.10  | ug/L |   |          | 03/29/25 01:22 | 1       |
| Acrylonitrile               | <10.0  |           | 10.0  | 2.20  | ug/L |   |          | 03/29/25 01:22 | 1       |
| Benzene                     | <0.500 |           | 0.500 | 0.220 | ug/L |   |          | 03/29/25 01:22 | 1       |
| Bromochloromethane          | <5.00  |           | 5.00  | 0.540 | ug/L |   |          | 03/29/25 01:22 | 1       |
| Bromodichloromethane        | <1.00  |           | 1.00  | 0.390 | ug/L |   |          | 03/29/25 01:22 | 1       |
| Bromoform                   | <5.00  |           | 5.00  | 0.780 | ug/L |   |          | 03/29/25 01:22 | 1       |
| Bromomethane                | <4.00  |           | 4.00  | 1.10  | ug/L |   |          | 03/29/25 01:22 | 1       |
| Carbon disulfide            | <1.00  |           | 1.00  | 0.450 | ug/L |   |          | 03/29/25 01:22 | 1       |
| Carbon tetrachloride        | <2.00  |           | 2.00  | 0.650 | ug/L |   |          | 03/29/25 01:22 | 1       |
| Chlorobenzene               | <1.00  |           | 1.00  | 0.400 | ug/L |   |          | 03/29/25 01:22 | 1       |
| Chlorodibromomethane        | <5.00  |           | 5.00  | 0.750 | ug/L |   |          | 03/29/25 01:22 | 1       |
| Chloroethane                | <4.00  |           | 4.00  | 0.790 | ug/L |   |          | 03/29/25 01:22 | 1       |
| Chloroform                  | <3.00  |           | 3.00  | 1.30  | ug/L |   |          | 03/29/25 01:22 | 1       |
| Chloromethane               | <3.00  |           | 3.00  | 0.610 | ug/L |   |          | 03/29/25 01:22 | 1       |
| cis-1,2-Dichloroethene      | <1.00  |           | 1.00  | 0.210 | ug/L |   |          | 03/29/25 01:22 | 1       |
| cis-1,3-Dichloropropene     | <5.00  |           | 5.00  | 0.250 | ug/L |   |          | 03/29/25 01:22 | 1       |
| Dibromomethane              | <1.00  |           | 1.00  | 0.330 | ug/L |   |          | 03/29/25 01:22 | 1       |
| Ethylbenzene                | <1.00  |           | 1.00  | 0.310 | ug/L |   |          | 03/29/25 01:22 | 1       |
| Iodomethane                 | <10.0  |           | 10.0  | 7.00  | ug/L |   |          | 04/01/25 16:28 | 1       |
| Methylene Chloride          | <5.00  |           | 5.00  | 1.70  | ug/L |   |          | 03/29/25 01:22 | 1       |
| Styrene                     | <1.00  |           | 1.00  | 0.370 | ug/L |   |          | 03/29/25 01:22 | 1       |
| Tetrachloroethene           | <1.00  |           | 1.00  | 0.480 | ug/L |   |          | 03/29/25 01:22 | 1       |
| Toluene                     | <1.00  |           | 1.00  | 0.430 | ug/L |   |          | 03/29/25 01:22 | 1       |
| trans-1,2-Dichloroethene    | <1.00  |           | 1.00  | 0.270 | ug/L |   |          | 03/29/25 01:22 | 1       |
| trans-1,3-Dichloropropene   | <5.00  |           | 5.00  | 0.560 | ug/L |   |          | 03/29/25 01:22 | 1       |
| trans-1,4-Dichloro-2-butene | <10.0  |           | 10.0  | 1.10  | ug/L |   |          | 03/29/25 01:22 | 1       |
| Trichloroethene             | <1.00  |           | 1.00  | 0.430 | ug/L |   |          | 03/29/25 01:22 | 1       |
| Trichlorofluoromethane      | <4.00  |           | 4.00  | 0.380 | ug/L |   |          | 03/29/25 01:22 | 1       |
| Vinyl acetate               | <10.0  |           | 10.0  | 2.50  | ug/L |   |          | 03/29/25 01:22 | 1       |
| Vinyl chloride              | <1.00  |           | 1.00  | 0.180 | ug/L |   |          | 03/29/25 01:22 | 1       |
| Xylenes, Total              | <3.00  |           | 3.00  | 0.400 | ug/L |   |          | 03/29/25 01:22 | 1       |

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# Client Sample Results

Client: SCS Engineers

Job ID: 310-302891-1

Project/Site: Clinton County South 1st 2025 GW Sampling

Event

**Client Sample ID: MW-29**

**Lab Sample ID: 310-302891-4**

**Date Collected: 03/25/25 15:58**

**Matrix: Groundwater**

**Date Received: 03/27/25 16:25**

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------|----------------|---------|
| Dibromofluoromethane (Surr) | 107       |           | 73 - 130 |          | 03/29/25 01:22 | 1       |
| Dibromofluoromethane (Surr) | 106       |           | 73 - 130 |          | 04/01/25 16:28 | 1       |
| Toluene-d8 (Surr)           | 96        |           | 80 - 120 |          | 03/29/25 01:22 | 1       |
| Toluene-d8 (Surr)           | 95        |           | 80 - 120 |          | 04/01/25 16:28 | 1       |
| 4-Bromofluorobenzene (Surr) | 100       |           | 80 - 120 |          | 03/29/25 01:22 | 1       |
| 4-Bromofluorobenzene (Surr) | 102       |           | 80 - 120 |          | 04/01/25 16:28 | 1       |

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

| Analyte   | Result    | Qualifier | RL       | MDL      | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------|-----------|-----------|----------|----------|------|---|----------------|----------------|---------|
| Antimony  | 0.00112   | J         | 0.00200  | 0.00100  | mg/L |   | 03/31/25 08:30 | 04/01/25 15:46 | 1       |
| Arsenic   | 0.000536  | J         | 0.00200  | 0.000530 | mg/L |   | 03/31/25 08:30 | 04/01/25 15:46 | 1       |
| Barium    | 0.149     |           | 0.00200  | 0.000660 | mg/L |   | 03/31/25 08:30 | 04/01/25 15:46 | 1       |
| Beryllium | <0.00100  |           | 0.00100  | 0.000330 | mg/L |   | 03/31/25 08:30 | 04/01/25 15:46 | 1       |
| Cadmium   | <0.000200 |           | 0.000200 | 0.000100 | mg/L |   | 03/31/25 08:30 | 04/01/25 15:46 | 1       |
| Chromium  | 0.00403   | J         | 0.00500  | 0.00180  | mg/L |   | 03/31/25 08:30 | 04/01/25 15:46 | 1       |
| Cobalt    | 0.000518  |           | 0.000500 | 0.000170 | mg/L |   | 03/31/25 08:30 | 04/01/25 15:46 | 1       |
| Copper    | <0.00500  |           | 0.00500  | 0.00320  | mg/L |   | 03/31/25 08:30 | 04/02/25 13:56 | 1       |
| Lead      | 0.00139   |           | 0.000500 | 0.000330 | mg/L |   | 03/31/25 08:30 | 04/01/25 15:46 | 1       |
| Nickel    | <0.00500  |           | 0.00500  | 0.00230  | mg/L |   | 03/31/25 08:30 | 04/01/25 15:46 | 1       |
| Selenium  | <0.00500  |           | 0.00500  | 0.00140  | mg/L |   | 03/31/25 08:30 | 04/01/25 15:46 | 1       |
| Silver    | <0.00100  |           | 0.00100  | 0.000500 | mg/L |   | 03/31/25 08:30 | 04/01/25 15:46 | 1       |
| Thallium  | 0.000687  | J         | 0.00100  | 0.000570 | mg/L |   | 03/31/25 08:30 | 04/01/25 15:46 | 1       |
| Vanadium  | 0.00299   | J         | 0.00500  | 0.00170  | mg/L |   | 03/31/25 08:30 | 04/01/25 15:46 | 1       |
| Zinc      | <0.0200   |           | 0.0200   | 0.0130   | mg/L |   | 03/31/25 08:30 | 04/01/25 15:46 | 1       |

## General Chemistry

| Analyte                                 | Result | Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------------------|--------|-----------|------|------|------|---|----------|----------------|---------|
| Total Suspended Solids (USGS I-3765-85) | 73.4   |           | 1.88 | 1.31 | mg/L |   |          | 03/28/25 07:41 | 1       |

# Client Sample Results

Client: SCS Engineers

Job ID: 310-302891-1

Project/Site: Clinton County South 1st 2025 GW Sampling

Event

Client Sample ID: MW-39

Lab Sample ID: 310-302891-5

Date Collected: 03/25/25 16:41

Matrix: Groundwater

Date Received: 03/27/25 16:25

## 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   | <1.00  |           | 1.00  | 0.380 | ug/L |   |          | 03/29/25 01:45 | 1       |
| 1,1,1-Trichloroethane       | <1.00  |           | 1.00  | 0.190 | ug/L |   |          | 03/29/25 01:45 | 1       |
| 1,1,2,2-Tetrachloroethane   | <1.00  |           | 1.00  | 0.470 | ug/L |   |          | 03/29/25 01:45 | 1       |
| 1,1,2-Trichloroethane       | <1.00  |           | 1.00  | 0.450 | ug/L |   |          | 03/29/25 01:45 | 1       |
| 1,1-Dichloroethane          | <1.00  |           | 1.00  | 0.220 | ug/L |   |          | 03/29/25 01:45 | 1       |
| 1,1-Dichloroethene          | <2.00  |           | 2.00  | 0.560 | ug/L |   |          | 03/29/25 01:45 | 1       |
| 1,2,3-Trichloropropane      | <1.00  |           | 1.00  | 0.590 | ug/L |   |          | 03/29/25 01:45 | 1       |
| 1,2-Dibromo-3-Chloropropane | <1.20  |           | 1.20  | 1.20  | ug/L |   |          | 03/29/25 01:45 | 1       |
| 1,2-Dibromoethane (EDB)     | <0.340 |           | 0.340 | 0.340 | ug/L |   |          | 03/29/25 01:45 | 1       |
| 1,2-Dichlorobenzene         | <1.00  |           | 1.00  | 0.370 | ug/L |   |          | 03/29/25 01:45 | 1       |
| 1,2-Dichloroethane          | <1.00  |           | 1.00  | 0.390 | ug/L |   |          | 03/29/25 01:45 | 1       |
| 1,2-Dichloropropane         | <1.00  |           | 1.00  | 0.270 | ug/L |   |          | 03/29/25 01:45 | 1       |
| 1,4-Dichlorobenzene         | <1.00  |           | 1.00  | 0.230 | ug/L |   |          | 03/29/25 01:45 | 1       |
| 2-Butanone (MEK)            | <10.0  |           | 10.0  | 2.10  | ug/L |   |          | 03/29/25 01:45 | 1       |
| 2-Hexanone                  | <10.0  |           | 10.0  | 2.00  | ug/L |   |          | 03/29/25 01:45 | 1       |
| 4-Methyl-2-pentanone (MIBK) | <10.0  |           | 10.0  | 2.10  | ug/L |   |          | 03/29/25 01:45 | 1       |
| Acetone                     | <10.0  |           | 10.0  | 3.10  | ug/L |   |          | 03/29/25 01:45 | 1       |
| Acrylonitrile               | <10.0  |           | 10.0  | 2.20  | ug/L |   |          | 03/29/25 01:45 | 1       |
| Benzene                     | <0.500 |           | 0.500 | 0.220 | ug/L |   |          | 03/29/25 01:45 | 1       |
| Bromochloromethane          | <5.00  |           | 5.00  | 0.540 | ug/L |   |          | 03/29/25 01:45 | 1       |
| Bromodichloromethane        | <1.00  |           | 1.00  | 0.390 | ug/L |   |          | 03/29/25 01:45 | 1       |
| Bromoform                   | <5.00  |           | 5.00  | 0.780 | ug/L |   |          | 03/29/25 01:45 | 1       |
| Bromomethane                | <4.00  |           | 4.00  | 1.10  | ug/L |   |          | 03/29/25 01:45 | 1       |
| Carbon disulfide            | <1.00  |           | 1.00  | 0.450 | ug/L |   |          | 03/29/25 01:45 | 1       |
| Carbon tetrachloride        | <2.00  |           | 2.00  | 0.650 | ug/L |   |          | 03/29/25 01:45 | 1       |
| Chlorobenzene               | <1.00  |           | 1.00  | 0.400 | ug/L |   |          | 03/29/25 01:45 | 1       |
| Chlorodibromomethane        | <5.00  |           | 5.00  | 0.750 | ug/L |   |          | 03/29/25 01:45 | 1       |
| Chloroethane                | <4.00  |           | 4.00  | 0.790 | ug/L |   |          | 03/29/25 01:45 | 1       |
| Chloroform                  | <3.00  |           | 3.00  | 1.30  | ug/L |   |          | 03/29/25 01:45 | 1       |
| Chloromethane               | <3.00  |           | 3.00  | 0.610 | ug/L |   |          | 03/29/25 01:45 | 1       |
| cis-1,2-Dichloroethene      | <1.00  |           | 1.00  | 0.210 | ug/L |   |          | 03/29/25 01:45 | 1       |
| cis-1,3-Dichloropropene     | <5.00  |           | 5.00  | 0.250 | ug/L |   |          | 03/29/25 01:45 | 1       |
| Dibromomethane              | <1.00  |           | 1.00  | 0.330 | ug/L |   |          | 03/29/25 01:45 | 1       |
| Ethylbenzene                | <1.00  |           | 1.00  | 0.310 | ug/L |   |          | 03/29/25 01:45 | 1       |
| Iodomethane                 | <10.0  |           | 10.0  | 7.00  | ug/L |   |          | 04/01/25 16:50 | 1       |
| Methylene Chloride          | <5.00  |           | 5.00  | 1.70  | ug/L |   |          | 03/29/25 01:45 | 1       |
| Styrene                     | <1.00  |           | 1.00  | 0.370 | ug/L |   |          | 03/29/25 01:45 | 1       |
| Tetrachloroethene           | <1.00  |           | 1.00  | 0.480 | ug/L |   |          | 03/29/25 01:45 | 1       |
| Toluene                     | <1.00  |           | 1.00  | 0.430 | ug/L |   |          | 03/29/25 01:45 | 1       |
| trans-1,2-Dichloroethene    | <1.00  |           | 1.00  | 0.270 | ug/L |   |          | 03/29/25 01:45 | 1       |
| trans-1,3-Dichloropropene   | <5.00  |           | 5.00  | 0.560 | ug/L |   |          | 03/29/25 01:45 | 1       |
| trans-1,4-Dichloro-2-butene | <10.0  |           | 10.0  | 1.10  | ug/L |   |          | 03/29/25 01:45 | 1       |
| Trichloroethene             | <1.00  |           | 1.00  | 0.430 | ug/L |   |          | 03/29/25 01:45 | 1       |
| Trichlorofluoromethane      | <4.00  |           | 4.00  | 0.380 | ug/L |   |          | 03/29/25 01:45 | 1       |
| Vinyl acetate               | <10.0  |           | 10.0  | 2.50  | ug/L |   |          | 03/29/25 01:45 | 1       |
| Vinyl chloride              | <1.00  |           | 1.00  | 0.180 | ug/L |   |          | 03/29/25 01:45 | 1       |
| Xylenes, Total              | <3.00  |           | 3.00  | 0.400 | ug/L |   |          | 03/29/25 01:45 | 1       |

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# Client Sample Results

Client: SCS Engineers  
Project/Site: Clinton County South 1st 2025 GW Sampling  
Event

Job ID: 310-302891-1

Client Sample ID: MW-39

Lab Sample ID: 310-302891-5

Date Collected: 03/25/25 16:41

Matrix: Groundwater

Date Received: 03/27/25 16:25

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------|----------------|---------|
| Dibromofluoromethane (Surr) | 108       |           | 73 - 130 |          | 03/29/25 01:45 | 1       |
| Dibromofluoromethane (Surr) | 111       |           | 73 - 130 |          | 04/01/25 16:50 | 1       |
| Toluene-d8 (Surr)           | 98        |           | 80 - 120 |          | 03/29/25 01:45 | 1       |
| Toluene-d8 (Surr)           | 96        |           | 80 - 120 |          | 04/01/25 16:50 | 1       |
| 4-Bromofluorobenzene (Surr) | 104       |           | 80 - 120 |          | 03/29/25 01:45 | 1       |
| 4-Bromofluorobenzene (Surr) | 100       |           | 80 - 120 |          | 04/01/25 16:50 | 1       |

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

| Analyte   | Result    | Qualifier | RL       | MDL      | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------|-----------|-----------|----------|----------|------|---|----------------|----------------|---------|
| Antimony  | <0.00200  |           | 0.00200  | 0.00100  | mg/L |   | 03/31/25 08:30 | 04/01/25 16:13 | 1       |
| Arsenic   | 0.000560  | J         | 0.00200  | 0.000530 | mg/L |   | 03/31/25 08:30 | 04/01/25 16:13 | 1       |
| Barium    | 0.333     |           | 0.00200  | 0.000660 | mg/L |   | 03/31/25 08:30 | 04/01/25 16:13 | 1       |
| Beryllium | <0.00100  |           | 0.00100  | 0.000330 | mg/L |   | 03/31/25 08:30 | 04/01/25 16:13 | 1       |
| Cadmium   | <0.000200 |           | 0.000200 | 0.000100 | mg/L |   | 03/31/25 08:30 | 04/01/25 16:13 | 1       |
| Chromium  | 0.00265   | J         | 0.00500  | 0.00180  | mg/L |   | 03/31/25 08:30 | 04/01/25 16:13 | 1       |
| Cobalt    | 0.00251   |           | 0.000500 | 0.000170 | mg/L |   | 03/31/25 08:30 | 04/01/25 16:13 | 1       |
| Copper    | <0.00500  |           | 0.00500  | 0.00320  | mg/L |   | 03/31/25 08:30 | 04/02/25 14:19 | 1       |
| Lead      | 0.00335   |           | 0.000500 | 0.000330 | mg/L |   | 03/31/25 08:30 | 04/01/25 16:13 | 1       |
| Nickel    | <0.00500  |           | 0.00500  | 0.00230  | mg/L |   | 03/31/25 08:30 | 04/01/25 16:13 | 1       |
| Selenium  | <0.00500  |           | 0.00500  | 0.00140  | mg/L |   | 03/31/25 08:30 | 04/01/25 16:13 | 1       |
| Silver    | <0.00100  |           | 0.00100  | 0.000500 | mg/L |   | 03/31/25 08:30 | 04/01/25 16:13 | 1       |
| Thallium  | <0.00100  |           | 0.00100  | 0.000570 | mg/L |   | 03/31/25 08:30 | 04/01/25 16:13 | 1       |
| Vanadium  | 0.00230   | J         | 0.00500  | 0.00170  | mg/L |   | 03/31/25 08:30 | 04/01/25 16:13 | 1       |
| Zinc      | <0.0200   |           | 0.0200   | 0.0130   | mg/L |   | 03/31/25 08:30 | 04/01/25 16:13 | 1       |

## General Chemistry

| Analyte                                 | Result | Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------------------|--------|-----------|------|------|------|---|----------|----------------|---------|
| Total Suspended Solids (USGS I-3765-85) | 32.0   |           | 2.50 | 1.75 | mg/L |   |          | 03/28/25 11:09 | 1       |

# Client Sample Results

Client: SCS Engineers

Job ID: 310-302891-1

Project/Site: Clinton County South 1st 2025 GW Sampling

Event

Client Sample ID: MW-40

Lab Sample ID: 310-302891-6

Date Collected: 03/25/25 12:19

Matrix: Groundwater

Date Received: 03/27/25 16:25

## 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   | <1.00  |           | 1.00  | 0.380 | ug/L |   |          | 03/29/25 02:08 | 1       |
| 1,1,1-Trichloroethane       | <1.00  |           | 1.00  | 0.190 | ug/L |   |          | 03/29/25 02:08 | 1       |
| 1,1,2,2-Tetrachloroethane   | <1.00  |           | 1.00  | 0.470 | ug/L |   |          | 03/29/25 02:08 | 1       |
| 1,1,2-Trichloroethane       | <1.00  |           | 1.00  | 0.450 | ug/L |   |          | 03/29/25 02:08 | 1       |
| 1,1-Dichloroethane          | <1.00  |           | 1.00  | 0.220 | ug/L |   |          | 03/29/25 02:08 | 1       |
| 1,1-Dichloroethene          | <2.00  |           | 2.00  | 0.560 | ug/L |   |          | 03/29/25 02:08 | 1       |
| 1,2,3-Trichloropropane      | <1.00  |           | 1.00  | 0.590 | ug/L |   |          | 03/29/25 02:08 | 1       |
| 1,2-Dibromo-3-Chloropropane | <1.20  |           | 1.20  | 1.20  | ug/L |   |          | 03/29/25 02:08 | 1       |
| 1,2-Dibromoethane (EDB)     | <0.340 |           | 0.340 | 0.340 | ug/L |   |          | 03/29/25 02:08 | 1       |
| 1,2-Dichlorobenzene         | <1.00  |           | 1.00  | 0.370 | ug/L |   |          | 03/29/25 02:08 | 1       |
| 1,2-Dichloroethane          | <1.00  |           | 1.00  | 0.390 | ug/L |   |          | 03/29/25 02:08 | 1       |
| 1,2-Dichloropropane         | <1.00  |           | 1.00  | 0.270 | ug/L |   |          | 03/29/25 02:08 | 1       |
| 1,4-Dichlorobenzene         | <1.00  |           | 1.00  | 0.230 | ug/L |   |          | 03/29/25 02:08 | 1       |
| 2-Butanone (MEK)            | <10.0  |           | 10.0  | 2.10  | ug/L |   |          | 03/29/25 02:08 | 1       |
| 2-Hexanone                  | <10.0  |           | 10.0  | 2.00  | ug/L |   |          | 03/29/25 02:08 | 1       |
| 4-Methyl-2-pentanone (MIBK) | <10.0  |           | 10.0  | 2.10  | ug/L |   |          | 03/29/25 02:08 | 1       |
| Acetone                     | <10.0  |           | 10.0  | 3.10  | ug/L |   |          | 03/29/25 02:08 | 1       |
| Acrylonitrile               | <10.0  |           | 10.0  | 2.20  | ug/L |   |          | 03/29/25 02:08 | 1       |
| Benzene                     | <0.500 |           | 0.500 | 0.220 | ug/L |   |          | 03/29/25 02:08 | 1       |
| Bromochloromethane          | <5.00  |           | 5.00  | 0.540 | ug/L |   |          | 03/29/25 02:08 | 1       |
| Bromodichloromethane        | <1.00  |           | 1.00  | 0.390 | ug/L |   |          | 03/29/25 02:08 | 1       |
| Bromoform                   | <5.00  |           | 5.00  | 0.780 | ug/L |   |          | 03/29/25 02:08 | 1       |
| Bromomethane                | <4.00  |           | 4.00  | 1.10  | ug/L |   |          | 03/29/25 02:08 | 1       |
| Carbon disulfide            | <1.00  |           | 1.00  | 0.450 | ug/L |   |          | 03/29/25 02:08 | 1       |
| Carbon tetrachloride        | <2.00  |           | 2.00  | 0.650 | ug/L |   |          | 03/29/25 02:08 | 1       |
| Chlorobenzene               | <1.00  |           | 1.00  | 0.400 | ug/L |   |          | 03/29/25 02:08 | 1       |
| Chlorodibromomethane        | <5.00  |           | 5.00  | 0.750 | ug/L |   |          | 03/29/25 02:08 | 1       |
| Chloroethane                | <4.00  |           | 4.00  | 0.790 | ug/L |   |          | 03/29/25 02:08 | 1       |
| Chloroform                  | <3.00  |           | 3.00  | 1.30  | ug/L |   |          | 03/29/25 02:08 | 1       |
| Chloromethane               | <3.00  |           | 3.00  | 0.610 | ug/L |   |          | 03/29/25 02:08 | 1       |
| cis-1,2-Dichloroethene      | <1.00  |           | 1.00  | 0.210 | ug/L |   |          | 03/29/25 02:08 | 1       |
| cis-1,3-Dichloropropene     | <5.00  |           | 5.00  | 0.250 | ug/L |   |          | 03/29/25 02:08 | 1       |
| Dibromomethane              | <1.00  |           | 1.00  | 0.330 | ug/L |   |          | 03/29/25 02:08 | 1       |
| Ethylbenzene                | <1.00  |           | 1.00  | 0.310 | ug/L |   |          | 03/29/25 02:08 | 1       |
| Iodomethane                 | <10.0  |           | 10.0  | 7.00  | ug/L |   |          | 04/01/25 17:11 | 1       |
| Methylene Chloride          | <5.00  |           | 5.00  | 1.70  | ug/L |   |          | 03/29/25 02:08 | 1       |
| Styrene                     | <1.00  |           | 1.00  | 0.370 | ug/L |   |          | 03/29/25 02:08 | 1       |
| Tetrachloroethene           | <1.00  |           | 1.00  | 0.480 | ug/L |   |          | 03/29/25 02:08 | 1       |
| Toluene                     | <1.00  |           | 1.00  | 0.430 | ug/L |   |          | 03/29/25 02:08 | 1       |
| trans-1,2-Dichloroethene    | <1.00  |           | 1.00  | 0.270 | ug/L |   |          | 03/29/25 02:08 | 1       |
| trans-1,3-Dichloropropene   | <5.00  |           | 5.00  | 0.560 | ug/L |   |          | 03/29/25 02:08 | 1       |
| trans-1,4-Dichloro-2-butene | <10.0  |           | 10.0  | 1.10  | ug/L |   |          | 03/29/25 02:08 | 1       |
| Trichloroethene             | <1.00  |           | 1.00  | 0.430 | ug/L |   |          | 03/29/25 02:08 | 1       |
| Trichlorofluoromethane      | <4.00  |           | 4.00  | 0.380 | ug/L |   |          | 03/29/25 02:08 | 1       |
| Vinyl acetate               | <10.0  |           | 10.0  | 2.50  | ug/L |   |          | 03/29/25 02:08 | 1       |
| Vinyl chloride              | <1.00  |           | 1.00  | 0.180 | ug/L |   |          | 03/29/25 02:08 | 1       |
| Xylenes, Total              | <3.00  |           | 3.00  | 0.400 | ug/L |   |          | 03/29/25 02:08 | 1       |

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# Client Sample Results

Client: SCS Engineers

Job ID: 310-302891-1

Project/Site: Clinton County South 1st 2025 GW Sampling

Event

**Client Sample ID: MW-40**

**Lab Sample ID: 310-302891-6**

Date Collected: 03/25/25 12:19

Matrix: Groundwater

Date Received: 03/27/25 16:25

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------|----------------|---------|
| Dibromofluoromethane (Surr) | 107       |           | 73 - 130 |          | 03/29/25 02:08 | 1       |
| Dibromofluoromethane (Surr) | 111       |           | 73 - 130 |          | 04/01/25 17:11 | 1       |
| Toluene-d8 (Surr)           | 95        |           | 80 - 120 |          | 03/29/25 02:08 | 1       |
| Toluene-d8 (Surr)           | 95        |           | 80 - 120 |          | 04/01/25 17:11 | 1       |
| 4-Bromofluorobenzene (Surr) | 101       |           | 80 - 120 |          | 03/29/25 02:08 | 1       |
| 4-Bromofluorobenzene (Surr) | 102       |           | 80 - 120 |          | 04/01/25 17:11 | 1       |

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

| Analyte   | Result   | Qualifier | RL       | MDL      | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------|----------|-----------|----------|----------|------|---|----------------|----------------|---------|
| Antimony  | 0.00367  |           | 0.00200  | 0.00100  | mg/L |   | 03/31/25 08:30 | 04/01/25 16:10 | 1       |
| Arsenic   | 0.00179  | J         | 0.00200  | 0.000530 | mg/L |   | 03/31/25 08:30 | 04/01/25 16:10 | 1       |
| Barium    | 0.0411   |           | 0.00200  | 0.000660 | mg/L |   | 03/31/25 08:30 | 04/01/25 16:10 | 1       |
| Beryllium | <0.00100 |           | 0.00100  | 0.000330 | mg/L |   | 03/31/25 08:30 | 04/01/25 16:10 | 1       |
| Cadmium   | 0.000291 |           | 0.000200 | 0.000100 | mg/L |   | 03/31/25 08:30 | 04/01/25 16:10 | 1       |
| Chromium  | 0.0724   |           | 0.00500  | 0.00180  | mg/L |   | 03/31/25 08:30 | 04/01/25 16:10 | 1       |
| Cobalt    | 0.00267  |           | 0.000500 | 0.000170 | mg/L |   | 03/31/25 08:30 | 04/01/25 16:10 | 1       |
| Copper    | 0.00731  |           | 0.00500  | 0.00320  | mg/L |   | 03/31/25 08:30 | 04/02/25 14:16 | 1       |
| Lead      | 0.00435  |           | 0.000500 | 0.000330 | mg/L |   | 03/31/25 08:30 | 04/01/25 16:10 | 1       |
| Nickel    | 0.0366   |           | 0.00500  | 0.00230  | mg/L |   | 03/31/25 08:30 | 04/01/25 16:10 | 1       |
| Selenium  | <0.00500 |           | 0.00500  | 0.00140  | mg/L |   | 03/31/25 08:30 | 04/01/25 16:10 | 1       |
| Silver    | <0.00100 |           | 0.00100  | 0.000500 | mg/L |   | 03/31/25 08:30 | 04/01/25 16:10 | 1       |
| Thallium  | <0.00100 |           | 0.00100  | 0.000570 | mg/L |   | 03/31/25 08:30 | 04/01/25 16:10 | 1       |
| Vanadium  | 0.00531  |           | 0.00500  | 0.00170  | mg/L |   | 03/31/25 08:30 | 04/01/25 16:10 | 1       |
| Zinc      | 0.0324   |           | 0.0200   | 0.0130   | mg/L |   | 03/31/25 08:30 | 04/01/25 16:10 | 1       |

## General Chemistry

| Analyte                                 | Result | Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------------------|--------|-----------|------|------|------|---|----------|----------------|---------|
| Total Suspended Solids (USGS I-3765-85) | 199    |           | 7.50 | 5.25 | mg/L |   |          | 03/28/25 11:09 | 1       |



# Client Sample Results

Client: SCS Engineers

Job ID: 310-302891-1

Project/Site: Clinton County South 1st 2025 GW Sampling

Event

Client Sample ID: MW-41

Lab Sample ID: 310-302891-7

Date Collected: 03/25/25 13:44

Matrix: Groundwater

Date Received: 03/27/25 16:25

## 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   | <1.00  |           | 1.00  | 0.380 | ug/L |   |          | 03/29/25 02:30 | 1       |
| 1,1,1-Trichloroethane       | <1.00  |           | 1.00  | 0.190 | ug/L |   |          | 03/29/25 02:30 | 1       |
| 1,1,2,2-Tetrachloroethane   | <1.00  |           | 1.00  | 0.470 | ug/L |   |          | 03/29/25 02:30 | 1       |
| 1,1,2-Trichloroethane       | <1.00  |           | 1.00  | 0.450 | ug/L |   |          | 03/29/25 02:30 | 1       |
| 1,1-Dichloroethane          | <1.00  |           | 1.00  | 0.220 | ug/L |   |          | 03/29/25 02:30 | 1       |
| 1,1-Dichloroethene          | <2.00  |           | 2.00  | 0.560 | ug/L |   |          | 03/29/25 02:30 | 1       |
| 1,2,3-Trichloropropane      | <1.00  |           | 1.00  | 0.590 | ug/L |   |          | 03/29/25 02:30 | 1       |
| 1,2-Dibromo-3-Chloropropane | <1.20  |           | 1.20  | 1.20  | ug/L |   |          | 03/29/25 02:30 | 1       |
| 1,2-Dibromoethane (EDB)     | <0.340 |           | 0.340 | 0.340 | ug/L |   |          | 03/29/25 02:30 | 1       |
| 1,2-Dichlorobenzene         | <1.00  |           | 1.00  | 0.370 | ug/L |   |          | 03/29/25 02:30 | 1       |
| 1,2-Dichloroethane          | <1.00  |           | 1.00  | 0.390 | ug/L |   |          | 03/29/25 02:30 | 1       |
| 1,2-Dichloropropane         | <1.00  |           | 1.00  | 0.270 | ug/L |   |          | 03/29/25 02:30 | 1       |
| 1,4-Dichlorobenzene         | <1.00  |           | 1.00  | 0.230 | ug/L |   |          | 03/29/25 02:30 | 1       |
| 2-Butanone (MEK)            | <10.0  |           | 10.0  | 2.10  | ug/L |   |          | 03/29/25 02:30 | 1       |
| 2-Hexanone                  | <10.0  |           | 10.0  | 2.00  | ug/L |   |          | 03/29/25 02:30 | 1       |
| 4-Methyl-2-pentanone (MIBK) | <10.0  |           | 10.0  | 2.10  | ug/L |   |          | 03/29/25 02:30 | 1       |
| Acetone                     | <10.0  |           | 10.0  | 3.10  | ug/L |   |          | 03/29/25 02:30 | 1       |
| Acrylonitrile               | <10.0  |           | 10.0  | 2.20  | ug/L |   |          | 03/29/25 02:30 | 1       |
| Benzene                     | <0.500 |           | 0.500 | 0.220 | ug/L |   |          | 03/29/25 02:30 | 1       |
| Bromochloromethane          | <5.00  |           | 5.00  | 0.540 | ug/L |   |          | 03/29/25 02:30 | 1       |
| Bromodichloromethane        | <1.00  |           | 1.00  | 0.390 | ug/L |   |          | 03/29/25 02:30 | 1       |
| Bromoform                   | <5.00  |           | 5.00  | 0.780 | ug/L |   |          | 03/29/25 02:30 | 1       |
| Bromomethane                | <4.00  |           | 4.00  | 1.10  | ug/L |   |          | 03/29/25 02:30 | 1       |
| Carbon disulfide            | <1.00  |           | 1.00  | 0.450 | ug/L |   |          | 03/29/25 02:30 | 1       |
| Carbon tetrachloride        | <2.00  |           | 2.00  | 0.650 | ug/L |   |          | 03/29/25 02:30 | 1       |
| Chlorobenzene               | <1.00  |           | 1.00  | 0.400 | ug/L |   |          | 03/29/25 02:30 | 1       |
| Chlorodibromomethane        | <5.00  |           | 5.00  | 0.750 | ug/L |   |          | 03/29/25 02:30 | 1       |
| Chloroethane                | <4.00  |           | 4.00  | 0.790 | ug/L |   |          | 03/29/25 02:30 | 1       |
| Chloroform                  | <3.00  |           | 3.00  | 1.30  | ug/L |   |          | 03/29/25 02:30 | 1       |
| Chloromethane               | <3.00  |           | 3.00  | 0.610 | ug/L |   |          | 03/29/25 02:30 | 1       |
| cis-1,2-Dichloroethene      | <1.00  |           | 1.00  | 0.210 | ug/L |   |          | 03/29/25 02:30 | 1       |
| cis-1,3-Dichloropropene     | <5.00  |           | 5.00  | 0.250 | ug/L |   |          | 03/29/25 02:30 | 1       |
| Dibromomethane              | <1.00  |           | 1.00  | 0.330 | ug/L |   |          | 03/29/25 02:30 | 1       |
| Ethylbenzene                | <1.00  |           | 1.00  | 0.310 | ug/L |   |          | 03/29/25 02:30 | 1       |
| Iodomethane                 | <10.0  |           | 10.0  | 7.00  | ug/L |   |          | 04/01/25 17:33 | 1       |
| Methylene Chloride          | <5.00  |           | 5.00  | 1.70  | ug/L |   |          | 03/29/25 02:30 | 1       |
| Styrene                     | <1.00  |           | 1.00  | 0.370 | ug/L |   |          | 03/29/25 02:30 | 1       |
| Tetrachloroethene           | <1.00  |           | 1.00  | 0.480 | ug/L |   |          | 03/29/25 02:30 | 1       |
| Toluene                     | <1.00  |           | 1.00  | 0.430 | ug/L |   |          | 03/29/25 02:30 | 1       |
| trans-1,2-Dichloroethene    | <1.00  |           | 1.00  | 0.270 | ug/L |   |          | 03/29/25 02:30 | 1       |
| trans-1,3-Dichloropropene   | <5.00  |           | 5.00  | 0.560 | ug/L |   |          | 03/29/25 02:30 | 1       |
| trans-1,4-Dichloro-2-butene | <10.0  |           | 10.0  | 1.10  | ug/L |   |          | 03/29/25 02:30 | 1       |
| Trichloroethene             | <1.00  |           | 1.00  | 0.430 | ug/L |   |          | 03/29/25 02:30 | 1       |
| Trichlorofluoromethane      | <4.00  |           | 4.00  | 0.380 | ug/L |   |          | 03/29/25 02:30 | 1       |
| Vinyl acetate               | <10.0  |           | 10.0  | 2.50  | ug/L |   |          | 03/29/25 02:30 | 1       |
| Vinyl chloride              | <1.00  |           | 1.00  | 0.180 | ug/L |   |          | 03/29/25 02:30 | 1       |
| Xylenes, Total              | <3.00  |           | 3.00  | 0.400 | ug/L |   |          | 03/29/25 02:30 | 1       |

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# Client Sample Results

Client: SCS Engineers  
Project/Site: Clinton County South 1st 2025 GW Sampling  
Event

Job ID: 310-302891-1

Client Sample ID: MW-41

Lab Sample ID: 310-302891-7

Date Collected: 03/25/25 13:44

Matrix: Groundwater

Date Received: 03/27/25 16:25

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------|----------------|---------|
| Dibromofluoromethane (Surr) | 110       |           | 73 - 130 |          | 03/29/25 02:30 | 1       |
| Dibromofluoromethane (Surr) | 108       |           | 73 - 130 |          | 04/01/25 17:33 | 1       |
| Toluene-d8 (Surr)           | 96        |           | 80 - 120 |          | 03/29/25 02:30 | 1       |
| Toluene-d8 (Surr)           | 97        |           | 80 - 120 |          | 04/01/25 17:33 | 1       |
| 4-Bromofluorobenzene (Surr) | 101       |           | 80 - 120 |          | 03/29/25 02:30 | 1       |
| 4-Bromofluorobenzene (Surr) | 106       |           | 80 - 120 |          | 04/01/25 17:33 | 1       |

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

| Analyte   | Result    | Qualifier | RL       | MDL      | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------|-----------|-----------|----------|----------|------|---|----------------|----------------|---------|
| Antimony  | <0.00200  |           | 0.00200  | 0.00100  | mg/L |   | 03/31/25 08:30 | 04/01/25 15:37 | 1       |
| Arsenic   | 0.00262   |           | 0.00200  | 0.000530 | mg/L |   | 03/31/25 08:30 | 04/01/25 15:37 | 1       |
| Barium    | 0.162     |           | 0.00200  | 0.000660 | mg/L |   | 03/31/25 08:30 | 04/01/25 15:37 | 1       |
| Beryllium | <0.00100  |           | 0.00100  | 0.000330 | mg/L |   | 03/31/25 08:30 | 04/01/25 15:37 | 1       |
| Cadmium   | <0.000200 |           | 0.000200 | 0.000100 | mg/L |   | 03/31/25 08:30 | 04/01/25 15:37 | 1       |
| Chromium  | <0.00500  |           | 0.00500  | 0.00180  | mg/L |   | 03/31/25 08:30 | 04/01/25 15:37 | 1       |
| Cobalt    | 0.000417  | J         | 0.000500 | 0.000170 | mg/L |   | 03/31/25 08:30 | 04/01/25 15:37 | 1       |
| Copper    | <0.00500  |           | 0.00500  | 0.00320  | mg/L |   | 03/31/25 08:30 | 04/02/25 13:39 | 1       |
| Lead      | <0.000500 |           | 0.000500 | 0.000330 | mg/L |   | 03/31/25 08:30 | 04/01/25 15:37 | 1       |
| Nickel    | <0.00500  |           | 0.00500  | 0.00230  | mg/L |   | 03/31/25 08:30 | 04/01/25 15:37 | 1       |
| Selenium  | <0.00500  |           | 0.00500  | 0.00140  | mg/L |   | 03/31/25 08:30 | 04/01/25 15:37 | 1       |
| Silver    | <0.00100  |           | 0.00100  | 0.000500 | mg/L |   | 03/31/25 08:30 | 04/01/25 15:37 | 1       |
| Thallium  | <0.00100  |           | 0.00100  | 0.000570 | mg/L |   | 03/31/25 08:30 | 04/01/25 15:37 | 1       |
| Vanadium  | <0.00500  |           | 0.00500  | 0.00170  | mg/L |   | 03/31/25 08:30 | 04/01/25 15:37 | 1       |
| Zinc      | <0.0200   |           | 0.0200   | 0.0130   | mg/L |   | 03/31/25 08:30 | 04/01/25 15:37 | 1       |

## General Chemistry

| Analyte                                 | Result | Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------------------|--------|-----------|------|------|------|---|----------|----------------|---------|
| Total Suspended Solids (USGS I-3765-85) | 5.13   |           | 1.88 | 1.31 | mg/L |   |          | 03/28/25 11:09 | 1       |

# Client Sample Results

Client: SCS Engineers

Job ID: 310-302891-1

Project/Site: Clinton County South 1st 2025 GW Sampling

Event

Client Sample ID: MW-42

Lab Sample ID: 310-302891-8

Date Collected: 03/25/25 15:10

Matrix: Groundwater

Date Received: 03/27/25 16:25

## 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   | <1.00  |           | 1.00  | 0.380 | ug/L |   |          | 03/29/25 02:53 | 1       |
| 1,1,1-Trichloroethane       | <1.00  |           | 1.00  | 0.190 | ug/L |   |          | 03/29/25 02:53 | 1       |
| 1,1,2,2-Tetrachloroethane   | <1.00  |           | 1.00  | 0.470 | ug/L |   |          | 03/29/25 02:53 | 1       |
| 1,1,2-Trichloroethane       | <1.00  |           | 1.00  | 0.450 | ug/L |   |          | 03/29/25 02:53 | 1       |
| 1,1-Dichloroethane          | <1.00  |           | 1.00  | 0.220 | ug/L |   |          | 03/29/25 02:53 | 1       |
| 1,1-Dichloroethene          | <2.00  |           | 2.00  | 0.560 | ug/L |   |          | 03/29/25 02:53 | 1       |
| 1,2,3-Trichloropropane      | <1.00  |           | 1.00  | 0.590 | ug/L |   |          | 03/29/25 02:53 | 1       |
| 1,2-Dibromo-3-Chloropropane | <1.20  |           | 1.20  | 1.20  | ug/L |   |          | 03/29/25 02:53 | 1       |
| 1,2-Dibromoethane (EDB)     | <0.340 |           | 0.340 | 0.340 | ug/L |   |          | 03/29/25 02:53 | 1       |
| 1,2-Dichlorobenzene         | <1.00  |           | 1.00  | 0.370 | ug/L |   |          | 03/29/25 02:53 | 1       |
| 1,2-Dichloroethane          | <1.00  |           | 1.00  | 0.390 | ug/L |   |          | 03/29/25 02:53 | 1       |
| 1,2-Dichloropropane         | <1.00  |           | 1.00  | 0.270 | ug/L |   |          | 03/29/25 02:53 | 1       |
| 1,4-Dichlorobenzene         | <1.00  |           | 1.00  | 0.230 | ug/L |   |          | 03/29/25 02:53 | 1       |
| 2-Butanone (MEK)            | <10.0  |           | 10.0  | 2.10  | ug/L |   |          | 03/29/25 02:53 | 1       |
| 2-Hexanone                  | <10.0  |           | 10.0  | 2.00  | ug/L |   |          | 03/29/25 02:53 | 1       |
| 4-Methyl-2-pentanone (MIBK) | <10.0  |           | 10.0  | 2.10  | ug/L |   |          | 03/29/25 02:53 | 1       |
| Acetone                     | <10.0  |           | 10.0  | 3.10  | ug/L |   |          | 03/29/25 02:53 | 1       |
| Acrylonitrile               | <10.0  |           | 10.0  | 2.20  | ug/L |   |          | 03/29/25 02:53 | 1       |
| Benzene                     | <0.500 |           | 0.500 | 0.220 | ug/L |   |          | 03/29/25 02:53 | 1       |
| Bromochloromethane          | <5.00  |           | 5.00  | 0.540 | ug/L |   |          | 03/29/25 02:53 | 1       |
| Bromodichloromethane        | <1.00  |           | 1.00  | 0.390 | ug/L |   |          | 03/29/25 02:53 | 1       |
| Bromoform                   | <5.00  |           | 5.00  | 0.780 | ug/L |   |          | 03/29/25 02:53 | 1       |
| Bromomethane                | <4.00  |           | 4.00  | 1.10  | ug/L |   |          | 03/29/25 02:53 | 1       |
| Carbon disulfide            | <1.00  |           | 1.00  | 0.450 | ug/L |   |          | 03/29/25 02:53 | 1       |
| Carbon tetrachloride        | <2.00  |           | 2.00  | 0.650 | ug/L |   |          | 03/29/25 02:53 | 1       |
| Chlorobenzene               | <1.00  |           | 1.00  | 0.400 | ug/L |   |          | 03/29/25 02:53 | 1       |
| Chlorodibromomethane        | <5.00  |           | 5.00  | 0.750 | ug/L |   |          | 03/29/25 02:53 | 1       |
| Chloroethane                | <4.00  |           | 4.00  | 0.790 | ug/L |   |          | 03/29/25 02:53 | 1       |
| Chloroform                  | <3.00  |           | 3.00  | 1.30  | ug/L |   |          | 03/29/25 02:53 | 1       |
| Chloromethane               | <3.00  |           | 3.00  | 0.610 | ug/L |   |          | 03/29/25 02:53 | 1       |
| cis-1,2-Dichloroethene      | <1.00  |           | 1.00  | 0.210 | ug/L |   |          | 03/29/25 02:53 | 1       |
| cis-1,3-Dichloropropene     | <5.00  |           | 5.00  | 0.250 | ug/L |   |          | 03/29/25 02:53 | 1       |
| Dibromomethane              | <1.00  |           | 1.00  | 0.330 | ug/L |   |          | 03/29/25 02:53 | 1       |
| Ethylbenzene                | <1.00  |           | 1.00  | 0.310 | ug/L |   |          | 03/29/25 02:53 | 1       |
| Iodomethane                 | <10.0  |           | 10.0  | 7.00  | ug/L |   |          | 04/01/25 17:55 | 1       |
| Methylene Chloride          | <5.00  |           | 5.00  | 1.70  | ug/L |   |          | 03/29/25 02:53 | 1       |
| Styrene                     | <1.00  |           | 1.00  | 0.370 | ug/L |   |          | 03/29/25 02:53 | 1       |
| Tetrachloroethene           | <1.00  |           | 1.00  | 0.480 | ug/L |   |          | 03/29/25 02:53 | 1       |
| Toluene                     | <1.00  |           | 1.00  | 0.430 | ug/L |   |          | 03/29/25 02:53 | 1       |
| trans-1,2-Dichloroethene    | <1.00  |           | 1.00  | 0.270 | ug/L |   |          | 03/29/25 02:53 | 1       |
| trans-1,3-Dichloropropene   | <5.00  |           | 5.00  | 0.560 | ug/L |   |          | 03/29/25 02:53 | 1       |
| trans-1,4-Dichloro-2-butene | <10.0  |           | 10.0  | 1.10  | ug/L |   |          | 03/29/25 02:53 | 1       |
| Trichloroethene             | <1.00  |           | 1.00  | 0.430 | ug/L |   |          | 03/29/25 02:53 | 1       |
| Trichlorofluoromethane      | <4.00  |           | 4.00  | 0.380 | ug/L |   |          | 03/29/25 02:53 | 1       |
| Vinyl acetate               | <10.0  |           | 10.0  | 2.50  | ug/L |   |          | 03/29/25 02:53 | 1       |
| Vinyl chloride              | <1.00  |           | 1.00  | 0.180 | ug/L |   |          | 03/29/25 02:53 | 1       |
| Xylenes, Total              | <3.00  |           | 3.00  | 0.400 | ug/L |   |          | 03/29/25 02:53 | 1       |

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# Client Sample Results

Client: SCS Engineers

Job ID: 310-302891-1

Project/Site: Clinton County South 1st 2025 GW Sampling

Event

Client Sample ID: MW-42

Lab Sample ID: 310-302891-8

Date Collected: 03/25/25 15:10

Matrix: Groundwater

Date Received: 03/27/25 16:25

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------|----------------|---------|
| Dibromofluoromethane (Surr) | 106       |           | 73 - 130 |          | 03/29/25 02:53 | 1       |
| Dibromofluoromethane (Surr) | 109       |           | 73 - 130 |          | 04/01/25 17:55 | 1       |
| Toluene-d8 (Surr)           | 97        |           | 80 - 120 |          | 03/29/25 02:53 | 1       |
| Toluene-d8 (Surr)           | 95        |           | 80 - 120 |          | 04/01/25 17:55 | 1       |
| 4-Bromofluorobenzene (Surr) | 101       |           | 80 - 120 |          | 03/29/25 02:53 | 1       |
| 4-Bromofluorobenzene (Surr) | 100       |           | 80 - 120 |          | 04/01/25 17:55 | 1       |

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

| Analyte   | Result    | Qualifier | RL       | MDL      | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------|-----------|-----------|----------|----------|------|---|----------------|----------------|---------|
| Antimony  | <0.00200  |           | 0.00200  | 0.00100  | mg/L |   | 03/31/25 08:30 | 04/01/25 16:15 | 1       |
| Arsenic   | <0.00200  |           | 0.00200  | 0.000530 | mg/L |   | 03/31/25 08:30 | 04/01/25 16:15 | 1       |
| Barium    | 0.176     |           | 0.00200  | 0.000660 | mg/L |   | 03/31/25 08:30 | 04/01/25 16:15 | 1       |
| Beryllium | <0.00100  |           | 0.00100  | 0.000330 | mg/L |   | 03/31/25 08:30 | 04/01/25 16:15 | 1       |
| Cadmium   | <0.000200 |           | 0.000200 | 0.000100 | mg/L |   | 03/31/25 08:30 | 04/01/25 16:15 | 1       |
| Chromium  | 0.00220   | J         | 0.00500  | 0.00180  | mg/L |   | 03/31/25 08:30 | 04/01/25 16:15 | 1       |
| Cobalt    | 0.000186  | J         | 0.000500 | 0.000170 | mg/L |   | 03/31/25 08:30 | 04/01/25 16:15 | 1       |
| Copper    | <0.00500  |           | 0.00500  | 0.00320  | mg/L |   | 03/31/25 08:30 | 04/02/25 14:31 | 1       |
| Lead      | 0.000419  | J         | 0.000500 | 0.000330 | mg/L |   | 03/31/25 08:30 | 04/01/25 16:15 | 1       |
| Nickel    | <0.00500  |           | 0.00500  | 0.00230  | mg/L |   | 03/31/25 08:30 | 04/01/25 16:15 | 1       |
| Selenium  | <0.00500  |           | 0.00500  | 0.00140  | mg/L |   | 03/31/25 08:30 | 04/01/25 16:15 | 1       |
| Silver    | <0.00100  |           | 0.00100  | 0.000500 | mg/L |   | 03/31/25 08:30 | 04/01/25 16:15 | 1       |
| Thallium  | <0.00100  |           | 0.00100  | 0.000570 | mg/L |   | 03/31/25 08:30 | 04/01/25 16:15 | 1       |
| Vanadium  | <0.00500  |           | 0.00500  | 0.00170  | mg/L |   | 03/31/25 08:30 | 04/01/25 16:15 | 1       |
| Zinc      | <0.0200   |           | 0.0200   | 0.0130   | mg/L |   | 03/31/25 08:30 | 04/01/25 16:15 | 1       |

## General Chemistry

| Analyte                                 | Result | Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------------------|--------|-----------|------|------|------|---|----------|----------------|---------|
| Total Suspended Solids (USGS I-3765-85) | 28.6   |           | 1.88 | 1.31 | mg/L |   |          | 03/28/25 11:09 | 1       |

# Client Sample Results

Client: SCS Engineers

Job ID: 310-302891-1

Project/Site: Clinton County South 1st 2025 GW Sampling

Event

Client Sample ID: MW-90-11

Lab Sample ID: 310-302891-9

Date Collected: 03/25/25 09:03

Matrix: Groundwater

Date Received: 03/27/25 16:25

## 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   | <1.00  |           | 1.00  | 0.380 | ug/L |   |          | 03/29/25 03:15 | 1       |
| 1,1,1-Trichloroethane       | <1.00  |           | 1.00  | 0.190 | ug/L |   |          | 03/29/25 03:15 | 1       |
| 1,1,2,2-Tetrachloroethane   | <1.00  |           | 1.00  | 0.470 | ug/L |   |          | 03/29/25 03:15 | 1       |
| 1,1,2-Trichloroethane       | <1.00  |           | 1.00  | 0.450 | ug/L |   |          | 03/29/25 03:15 | 1       |
| 1,1-Dichloroethane          | <1.00  |           | 1.00  | 0.220 | ug/L |   |          | 03/29/25 03:15 | 1       |
| 1,1-Dichloroethene          | <2.00  |           | 2.00  | 0.560 | ug/L |   |          | 03/29/25 03:15 | 1       |
| 1,2,3-Trichloropropane      | <1.00  |           | 1.00  | 0.590 | ug/L |   |          | 03/29/25 03:15 | 1       |
| 1,2-Dibromo-3-Chloropropane | <1.20  |           | 1.20  | 1.20  | ug/L |   |          | 03/29/25 03:15 | 1       |
| 1,2-Dibromoethane (EDB)     | <0.340 |           | 0.340 | 0.340 | ug/L |   |          | 03/29/25 03:15 | 1       |
| 1,2-Dichlorobenzene         | <1.00  |           | 1.00  | 0.370 | ug/L |   |          | 03/29/25 03:15 | 1       |
| 1,2-Dichloroethane          | <1.00  |           | 1.00  | 0.390 | ug/L |   |          | 03/29/25 03:15 | 1       |
| 1,2-Dichloropropane         | <1.00  |           | 1.00  | 0.270 | ug/L |   |          | 03/29/25 03:15 | 1       |
| 1,4-Dichlorobenzene         | <1.00  |           | 1.00  | 0.230 | ug/L |   |          | 03/29/25 03:15 | 1       |
| 2-Butanone (MEK)            | <10.0  |           | 10.0  | 2.10  | ug/L |   |          | 03/29/25 03:15 | 1       |
| 2-Hexanone                  | <10.0  |           | 10.0  | 2.00  | ug/L |   |          | 03/29/25 03:15 | 1       |
| 4-Methyl-2-pentanone (MIBK) | <10.0  |           | 10.0  | 2.10  | ug/L |   |          | 03/29/25 03:15 | 1       |
| Acetone                     | <10.0  |           | 10.0  | 3.10  | ug/L |   |          | 03/29/25 03:15 | 1       |
| Acrylonitrile               | <10.0  |           | 10.0  | 2.20  | ug/L |   |          | 03/29/25 03:15 | 1       |
| Benzene                     | <0.500 |           | 0.500 | 0.220 | ug/L |   |          | 03/29/25 03:15 | 1       |
| Bromochloromethane          | <5.00  |           | 5.00  | 0.540 | ug/L |   |          | 03/29/25 03:15 | 1       |
| Bromodichloromethane        | <1.00  |           | 1.00  | 0.390 | ug/L |   |          | 03/29/25 03:15 | 1       |
| Bromoform                   | <5.00  |           | 5.00  | 0.780 | ug/L |   |          | 03/29/25 03:15 | 1       |
| Bromomethane                | <4.00  |           | 4.00  | 1.10  | ug/L |   |          | 03/29/25 03:15 | 1       |
| Carbon disulfide            | <1.00  |           | 1.00  | 0.450 | ug/L |   |          | 03/29/25 03:15 | 1       |
| Carbon tetrachloride        | <2.00  |           | 2.00  | 0.650 | ug/L |   |          | 03/29/25 03:15 | 1       |
| Chlorobenzene               | 4.27   |           | 1.00  | 0.400 | ug/L |   |          | 03/29/25 03:15 | 1       |
| Chlorodibromomethane        | <5.00  |           | 5.00  | 0.750 | ug/L |   |          | 03/29/25 03:15 | 1       |
| Chloroethane                | <4.00  |           | 4.00  | 0.790 | ug/L |   |          | 03/29/25 03:15 | 1       |
| Chloroform                  | <3.00  |           | 3.00  | 1.30  | ug/L |   |          | 03/29/25 03:15 | 1       |
| Chloromethane               | <3.00  |           | 3.00  | 0.610 | ug/L |   |          | 03/29/25 03:15 | 1       |
| cis-1,2-Dichloroethene      | <1.00  |           | 1.00  | 0.210 | ug/L |   |          | 03/29/25 03:15 | 1       |
| cis-1,3-Dichloropropene     | <5.00  |           | 5.00  | 0.250 | ug/L |   |          | 03/29/25 03:15 | 1       |
| Dibromomethane              | <1.00  |           | 1.00  | 0.330 | ug/L |   |          | 03/29/25 03:15 | 1       |
| Ethylbenzene                | <1.00  |           | 1.00  | 0.310 | ug/L |   |          | 03/29/25 03:15 | 1       |
| Iodomethane                 | <10.0  |           | 10.0  | 7.00  | ug/L |   |          | 04/01/25 18:17 | 1       |
| Methylene Chloride          | <5.00  |           | 5.00  | 1.70  | ug/L |   |          | 03/29/25 03:15 | 1       |
| Styrene                     | <1.00  |           | 1.00  | 0.370 | ug/L |   |          | 03/29/25 03:15 | 1       |
| Tetrachloroethene           | <1.00  |           | 1.00  | 0.480 | ug/L |   |          | 03/29/25 03:15 | 1       |
| Toluene                     | <1.00  |           | 1.00  | 0.430 | ug/L |   |          | 03/29/25 03:15 | 1       |
| trans-1,2-Dichloroethene    | <1.00  |           | 1.00  | 0.270 | ug/L |   |          | 03/29/25 03:15 | 1       |
| trans-1,3-Dichloropropene   | <5.00  |           | 5.00  | 0.560 | ug/L |   |          | 03/29/25 03:15 | 1       |
| trans-1,4-Dichloro-2-butene | <10.0  |           | 10.0  | 1.10  | ug/L |   |          | 03/29/25 03:15 | 1       |
| Trichloroethene             | <1.00  |           | 1.00  | 0.430 | ug/L |   |          | 03/29/25 03:15 | 1       |
| Trichlorofluoromethane      | <4.00  |           | 4.00  | 0.380 | ug/L |   |          | 03/29/25 03:15 | 1       |
| Vinyl acetate               | <10.0  |           | 10.0  | 2.50  | ug/L |   |          | 03/29/25 03:15 | 1       |
| Vinyl chloride              | <1.00  |           | 1.00  | 0.180 | ug/L |   |          | 03/29/25 03:15 | 1       |
| Xylenes, Total              | <3.00  |           | 3.00  | 0.400 | ug/L |   |          | 03/29/25 03:15 | 1       |

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# Client Sample Results

Client: SCS Engineers  
Project/Site: Clinton County South 1st 2025 GW Sampling  
Event

Job ID: 310-302891-1

Client Sample ID: MW-90-11

Lab Sample ID: 310-302891-9

Date Collected: 03/25/25 09:03

Matrix: Groundwater

Date Received: 03/27/25 16:25

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------|----------------|---------|
| Dibromofluoromethane (Surr) | 109       |           | 73 - 130 |          | 03/29/25 03:15 | 1       |
| Dibromofluoromethane (Surr) | 109       |           | 73 - 130 |          | 04/01/25 18:17 | 1       |
| Toluene-d8 (Surr)           | 97        |           | 80 - 120 |          | 03/29/25 03:15 | 1       |
| Toluene-d8 (Surr)           | 94        |           | 80 - 120 |          | 04/01/25 18:17 | 1       |
| 4-Bromofluorobenzene (Surr) | 101       |           | 80 - 120 |          | 03/29/25 03:15 | 1       |
| 4-Bromofluorobenzene (Surr) | 102       |           | 80 - 120 |          | 04/01/25 18:17 | 1       |

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

| Analyte   | Result    | Qualifier | RL       | MDL      | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------|-----------|-----------|----------|----------|------|---|----------------|----------------|---------|
| Antimony  | <0.00200  |           | 0.00200  | 0.00100  | mg/L |   | 03/31/25 08:30 | 04/01/25 16:44 | 1       |
| Arsenic   | 0.00404   |           | 0.00200  | 0.000530 | mg/L |   | 03/31/25 08:30 | 04/01/25 16:44 | 1       |
| Barium    | 0.326     |           | 0.00200  | 0.000660 | mg/L |   | 03/31/25 08:30 | 04/01/25 16:44 | 1       |
| Beryllium | <0.00100  |           | 0.00100  | 0.000330 | mg/L |   | 03/31/25 08:30 | 04/01/25 16:44 | 1       |
| Cadmium   | <0.000200 |           | 0.000200 | 0.000100 | mg/L |   | 03/31/25 08:30 | 04/01/25 16:44 | 1       |
| Chromium  | <0.00500  |           | 0.00500  | 0.00180  | mg/L |   | 03/31/25 08:30 | 04/01/25 16:44 | 1       |
| Cobalt    | 0.000881  |           | 0.000500 | 0.000170 | mg/L |   | 03/31/25 08:30 | 04/01/25 16:44 | 1       |
| Copper    | <0.00500  |           | 0.00500  | 0.00320  | mg/L |   | 03/31/25 08:30 | 04/01/25 16:44 | 1       |
| Lead      | 0.00136   |           | 0.000500 | 0.000330 | mg/L |   | 03/31/25 08:30 | 04/01/25 16:44 | 1       |
| Nickel    | 0.00310   | J         | 0.00500  | 0.00230  | mg/L |   | 03/31/25 08:30 | 04/01/25 16:44 | 1       |
| Selenium  | <0.00500  |           | 0.00500  | 0.00140  | mg/L |   | 03/31/25 08:30 | 04/01/25 16:44 | 1       |
| Silver    | <0.00100  |           | 0.00100  | 0.000500 | mg/L |   | 03/31/25 08:30 | 04/01/25 16:44 | 1       |
| Thallium  | <0.00100  |           | 0.00100  | 0.000570 | mg/L |   | 03/31/25 08:30 | 04/01/25 16:44 | 1       |
| Vanadium  | <0.00500  |           | 0.00500  | 0.00170  | mg/L |   | 03/31/25 08:30 | 04/01/25 16:44 | 1       |
| Zinc      | <0.0200   |           | 0.0200   | 0.0130   | mg/L |   | 03/31/25 08:30 | 04/01/25 16:44 | 1       |

## General Chemistry

| Analyte                                 | Result | Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------------------|--------|-----------|------|------|------|---|----------|----------------|---------|
| Total Suspended Solids (USGS I-3765-85) | 24.0   |           | 7.50 | 5.25 | mg/L |   |          | 03/28/25 11:09 | 1       |

# Client Sample Results

Client: SCS Engineers

Job ID: 310-302891-1

Project/Site: Clinton County South 1st 2025 GW Sampling

Event

Client Sample ID: MW-20

Lab Sample ID: 310-302891-10

Date Collected: 03/25/25 09:53

Matrix: Groundwater

Date Received: 03/27/25 16:25

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

| Analyte                       | Result         | Qualifier | RL    | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|-------------------------------|----------------|-----------|-------|-------|------|---|----------|----------------|---------|
| Acetone                       | <10.0          |           | 10.0  | 3.10  | ug/L |   |          | 03/29/25 03:38 | 1       |
| Acrylonitrile                 | <10.0          |           | 10.0  | 2.20  | ug/L |   |          | 03/29/25 03:38 | 1       |
| <b>Benzene</b>                | <b>0.549</b>   |           | 0.500 | 0.220 | ug/L |   |          | 03/29/25 03:38 | 1       |
| Bromochloromethane            | <5.00          |           | 5.00  | 0.540 | ug/L |   |          | 03/29/25 03:38 | 1       |
| Bromodichloromethane          | <1.00          |           | 1.00  | 0.390 | ug/L |   |          | 03/29/25 03:38 | 1       |
| Bromoform                     | <5.00          |           | 5.00  | 0.780 | ug/L |   |          | 03/29/25 03:38 | 1       |
| Bromomethane                  | <4.00          |           | 4.00  | 1.10  | ug/L |   |          | 03/29/25 03:38 | 1       |
| 2-Butanone (MEK)              | <10.0          |           | 10.0  | 2.10  | ug/L |   |          | 03/29/25 03:38 | 1       |
| Carbon disulfide              | <1.00          |           | 1.00  | 0.450 | ug/L |   |          | 03/29/25 03:38 | 1       |
| Carbon tetrachloride          | <2.00          |           | 2.00  | 0.650 | ug/L |   |          | 03/29/25 03:38 | 1       |
| <b>Chlorobenzene</b>          | <b>0.565 J</b> |           | 1.00  | 0.400 | ug/L |   |          | 03/29/25 03:38 | 1       |
| Chlorodibromomethane          | <5.00          |           | 5.00  | 0.750 | ug/L |   |          | 03/29/25 03:38 | 1       |
| <b>Chloroethane</b>           | <b>4.09</b>    |           | 4.00  | 0.790 | ug/L |   |          | 03/29/25 03:38 | 1       |
| Chloroform                    | <3.00          |           | 3.00  | 1.30  | ug/L |   |          | 03/29/25 03:38 | 1       |
| Chloromethane                 | <3.00          |           | 3.00  | 0.610 | ug/L |   |          | 03/29/25 03:38 | 1       |
| <b>cis-1,2-Dichloroethene</b> | <b>2.97</b>    |           | 1.00  | 0.210 | ug/L |   |          | 03/29/25 03:38 | 1       |
| cis-1,3-Dichloropropene       | <5.00          |           | 5.00  | 0.250 | ug/L |   |          | 03/29/25 03:38 | 1       |
| 1,2-Dibromo-3-Chloropropane   | <1.20          |           | 1.20  | 1.20  | ug/L |   |          | 03/29/25 03:38 | 1       |
| 1,2-Dibromoethane (EDB)       | <0.340         |           | 0.340 | 0.340 | ug/L |   |          | 03/29/25 03:38 | 1       |
| Dibromomethane                | <1.00          |           | 1.00  | 0.330 | ug/L |   |          | 03/29/25 03:38 | 1       |
| 1,2-Dichlorobenzene           | <1.00          |           | 1.00  | 0.370 | ug/L |   |          | 03/29/25 03:38 | 1       |
| 1,4-Dichlorobenzene           | <1.00          |           | 1.00  | 0.230 | ug/L |   |          | 03/29/25 03:38 | 1       |
| <b>1,1-Dichloroethane</b>     | <b>8.67</b>    |           | 1.00  | 0.220 | ug/L |   |          | 03/29/25 03:38 | 1       |
| 1,2-Dichloroethane            | <1.00          |           | 1.00  | 0.390 | ug/L |   |          | 03/29/25 03:38 | 1       |
| 1,1-Dichloroethene            | <2.00          |           | 2.00  | 0.560 | ug/L |   |          | 03/29/25 03:38 | 1       |
| 1,2-Dichloropropane           | <1.00          |           | 1.00  | 0.270 | ug/L |   |          | 03/29/25 03:38 | 1       |
| Ethylbenzene                  | <1.00          |           | 1.00  | 0.310 | ug/L |   |          | 03/29/25 03:38 | 1       |
| 2-Hexanone                    | <10.0          |           | 10.0  | 2.00  | ug/L |   |          | 03/29/25 03:38 | 1       |
| Iodomethane                   | <10.0          |           | 10.0  | 7.00  | ug/L |   |          | 04/01/25 18:39 | 1       |
| Methylene Chloride            | <5.00          |           | 5.00  | 1.70  | ug/L |   |          | 03/29/25 03:38 | 1       |
| 4-Methyl-2-pentanone (MIBK)   | <10.0          |           | 10.0  | 2.10  | ug/L |   |          | 03/29/25 03:38 | 1       |
| Styrene                       | <1.00          |           | 1.00  | 0.370 | ug/L |   |          | 03/29/25 03:38 | 1       |
| 1,1,1,2-Tetrachloroethane     | <1.00          |           | 1.00  | 0.380 | ug/L |   |          | 03/29/25 03:38 | 1       |
| 1,1,2,2-Tetrachloroethane     | <1.00          |           | 1.00  | 0.470 | ug/L |   |          | 03/29/25 03:38 | 1       |
| Tetrachloroethene             | <1.00          |           | 1.00  | 0.480 | ug/L |   |          | 03/29/25 03:38 | 1       |
| Toluene                       | <1.00          |           | 1.00  | 0.430 | ug/L |   |          | 03/29/25 03:38 | 1       |
| trans-1,4-Dichloro-2-butene   | <10.0          |           | 10.0  | 1.10  | ug/L |   |          | 03/29/25 03:38 | 1       |
| trans-1,2-Dichloroethene      | <1.00          |           | 1.00  | 0.270 | ug/L |   |          | 03/29/25 03:38 | 1       |
| trans-1,3-Dichloropropene     | <5.00          |           | 5.00  | 0.560 | ug/L |   |          | 03/29/25 03:38 | 1       |
| 1,1,1-Trichloroethane         | <1.00          |           | 1.00  | 0.190 | ug/L |   |          | 03/29/25 03:38 | 1       |
| 1,1,2-Trichloroethane         | <1.00          |           | 1.00  | 0.450 | ug/L |   |          | 03/29/25 03:38 | 1       |
| Trichloroethene               | <1.00          |           | 1.00  | 0.430 | ug/L |   |          | 03/29/25 03:38 | 1       |
| Trichlorofluoromethane        | <4.00          |           | 4.00  | 0.380 | ug/L |   |          | 03/29/25 03:38 | 1       |
| 1,2,3-Trichloropropane        | <1.00          |           | 1.00  | 0.590 | ug/L |   |          | 03/29/25 03:38 | 1       |
| Vinyl acetate                 | <10.0          |           | 10.0  | 2.50  | ug/L |   |          | 03/29/25 03:38 | 1       |
| <b>Vinyl chloride</b>         | <b>0.718 J</b> |           | 1.00  | 0.180 | ug/L |   |          | 03/29/25 03:38 | 1       |
| Xylenes, Total                | <3.00          |           | 3.00  | 0.400 | ug/L |   |          | 03/29/25 03:38 | 1       |

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# Client Sample Results

Client: SCS Engineers  
Project/Site: Clinton County South 1st 2025 GW Sampling  
Event

Job ID: 310-302891-1

Client Sample ID: MW-20

Lab Sample ID: 310-302891-10

Date Collected: 03/25/25 09:53

Matrix: Groundwater

Date Received: 03/27/25 16:25

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 101       |           | 80 - 120 |          | 03/29/25 03:38 | 1       |
| 4-Bromofluorobenzene (Surr) | 101       |           | 80 - 120 |          | 04/01/25 18:39 | 1       |
| Dibromofluoromethane (Surr) | 110       |           | 73 - 130 |          | 03/29/25 03:38 | 1       |
| Dibromofluoromethane (Surr) | 107       |           | 73 - 130 |          | 04/01/25 18:39 | 1       |
| Toluene-d8 (Surr)           | 97        |           | 80 - 120 |          | 03/29/25 03:38 | 1       |
| Toluene-d8 (Surr)           | 96        |           | 80 - 120 |          | 04/01/25 18:39 | 1       |

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

| Analyte   | Result    | Qualifier | RL       | MDL      | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------|-----------|-----------|----------|----------|------|---|----------------|----------------|---------|
| Antimony  | <0.00200  |           | 0.00200  | 0.00100  | mg/L |   | 03/31/25 08:30 | 04/01/25 16:20 | 1       |
| Arsenic   | 0.0292    |           | 0.00200  | 0.000530 | mg/L |   | 03/31/25 08:30 | 04/01/25 16:20 | 1       |
| Barium    | 2.68      |           | 0.00800  | 0.00264  | mg/L |   | 03/31/25 08:30 | 04/02/25 14:36 | 4       |
| Beryllium | <0.00100  |           | 0.00100  | 0.000330 | mg/L |   | 03/31/25 08:30 | 04/01/25 16:20 | 1       |
| Cadmium   | <0.000200 |           | 0.000200 | 0.000100 | mg/L |   | 03/31/25 08:30 | 04/01/25 16:20 | 1       |
| Chromium  | <0.00500  |           | 0.00500  | 0.00180  | mg/L |   | 03/31/25 08:30 | 04/01/25 16:20 | 1       |
| Cobalt    | 0.0333    |           | 0.000500 | 0.000170 | mg/L |   | 03/31/25 08:30 | 04/01/25 16:20 | 1       |
| Copper    | <0.0200   |           | 0.0200   | 0.0128   | mg/L |   | 03/31/25 08:30 | 04/02/25 14:36 | 4       |
| Lead      | <0.000500 |           | 0.000500 | 0.000330 | mg/L |   | 03/31/25 08:30 | 04/01/25 16:20 | 1       |
| Nickel    | 0.0386    |           | 0.00500  | 0.00230  | mg/L |   | 03/31/25 08:30 | 04/01/25 16:20 | 1       |
| Selenium  | <0.00500  |           | 0.00500  | 0.00140  | mg/L |   | 03/31/25 08:30 | 04/01/25 16:20 | 1       |
| Silver    | <0.00100  |           | 0.00100  | 0.000500 | mg/L |   | 03/31/25 08:30 | 04/01/25 16:20 | 1       |
| Thallium  | <0.00100  |           | 0.00100  | 0.000570 | mg/L |   | 03/31/25 08:30 | 04/01/25 16:20 | 1       |
| Vanadium  | <0.00500  |           | 0.00500  | 0.00170  | mg/L |   | 03/31/25 08:30 | 04/01/25 16:20 | 1       |
| Zinc      | <0.0200   |           | 0.0200   | 0.0130   | mg/L |   | 03/31/25 08:30 | 04/01/25 16:20 | 1       |

## General Chemistry

| Analyte                                 | Result | Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------------------|--------|-----------|------|------|------|---|----------|----------------|---------|
| Total Suspended Solids (USGS I-3765-85) | 47.5   |           | 7.50 | 5.25 | mg/L |   |          | 03/28/25 11:09 | 1       |

Eurofins Cedar Falls



# Client Sample Results

Client: SCS Engineers

Job ID: 310-302891-1

Project/Site: Clinton County South 1st 2025 GW Sampling

Event

Client Sample ID: MW-24

Lab Sample ID: 310-302891-11

Date Collected: 03/25/25 11:29

Matrix: Groundwater

Date Received: 03/27/25 16:25

## 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   | <1.00        |           | 1.00  | 0.380 | ug/L |   |          | 03/29/25 04:00 | 1       |
| 1,1,1-Trichloroethane       | <1.00        |           | 1.00  | 0.190 | ug/L |   |          | 03/29/25 04:00 | 1       |
| 1,1,2,2-Tetrachloroethane   | <1.00        |           | 1.00  | 0.470 | ug/L |   |          | 03/29/25 04:00 | 1       |
| 1,1,2-Trichloroethane       | <1.00        |           | 1.00  | 0.450 | ug/L |   |          | 03/29/25 04:00 | 1       |
| <b>1,1-Dichloroethane</b>   | <b>0.228</b> | <b>J</b>  | 1.00  | 0.220 | ug/L |   |          | 03/29/25 04:00 | 1       |
| 1,1-Dichloroethene          | <2.00        |           | 2.00  | 0.560 | ug/L |   |          | 03/29/25 04:00 | 1       |
| 1,2,3-Trichloropropane      | <1.00        |           | 1.00  | 0.590 | ug/L |   |          | 03/29/25 04:00 | 1       |
| 1,2-Dibromo-3-Chloropropane | <1.20        |           | 1.20  | 1.20  | ug/L |   |          | 03/29/25 04:00 | 1       |
| 1,2-Dibromoethane (EDB)     | <0.340       |           | 0.340 | 0.340 | ug/L |   |          | 03/29/25 04:00 | 1       |
| 1,2-Dichlorobenzene         | <1.00        |           | 1.00  | 0.370 | ug/L |   |          | 03/29/25 04:00 | 1       |
| 1,2-Dichloroethane          | <1.00        |           | 1.00  | 0.390 | ug/L |   |          | 03/29/25 04:00 | 1       |
| <b>1,2-Dichloropropane</b>  | <b>0.406</b> | <b>J</b>  | 1.00  | 0.270 | ug/L |   |          | 03/29/25 04:00 | 1       |
| 1,4-Dichlorobenzene         | <1.00        |           | 1.00  | 0.230 | ug/L |   |          | 03/29/25 04:00 | 1       |
| 2-Butanone (MEK)            | <10.0        |           | 10.0  | 2.10  | ug/L |   |          | 03/29/25 04:00 | 1       |
| 2-Hexanone                  | <10.0        |           | 10.0  | 2.00  | ug/L |   |          | 03/29/25 04:00 | 1       |
| 4-Methyl-2-pentanone (MIBK) | <10.0        |           | 10.0  | 2.10  | ug/L |   |          | 03/29/25 04:00 | 1       |
| Acetone                     | <10.0        |           | 10.0  | 3.10  | ug/L |   |          | 03/29/25 04:00 | 1       |
| Acrylonitrile               | <10.0        |           | 10.0  | 2.20  | ug/L |   |          | 03/29/25 04:00 | 1       |
| <b>Benzene</b>              | <b>1.21</b>  |           | 0.500 | 0.220 | ug/L |   |          | 03/29/25 04:00 | 1       |
| Bromochloromethane          | <5.00        |           | 5.00  | 0.540 | ug/L |   |          | 03/29/25 04:00 | 1       |
| Bromodichloromethane        | <1.00        |           | 1.00  | 0.390 | ug/L |   |          | 03/29/25 04:00 | 1       |
| Bromoform                   | <5.00        |           | 5.00  | 0.780 | ug/L |   |          | 03/29/25 04:00 | 1       |
| Bromomethane                | <4.00        |           | 4.00  | 1.10  | ug/L |   |          | 03/29/25 04:00 | 1       |
| Carbon disulfide            | <1.00        |           | 1.00  | 0.450 | ug/L |   |          | 03/29/25 04:00 | 1       |
| Carbon tetrachloride        | <2.00        |           | 2.00  | 0.650 | ug/L |   |          | 03/29/25 04:00 | 1       |
| Chlorobenzene               | <1.00        |           | 1.00  | 0.400 | ug/L |   |          | 03/29/25 04:00 | 1       |
| Chlorodibromomethane        | <5.00        |           | 5.00  | 0.750 | ug/L |   |          | 03/29/25 04:00 | 1       |
| <b>Chloroethane</b>         | <b>2.84</b>  | <b>J</b>  | 4.00  | 0.790 | ug/L |   |          | 03/29/25 04:00 | 1       |
| Chloroform                  | <3.00        |           | 3.00  | 1.30  | ug/L |   |          | 03/29/25 04:00 | 1       |
| Chloromethane               | <3.00        |           | 3.00  | 0.610 | ug/L |   |          | 03/29/25 04:00 | 1       |
| cis-1,2-Dichloroethene      | <1.00        |           | 1.00  | 0.210 | ug/L |   |          | 03/29/25 04:00 | 1       |
| cis-1,3-Dichloropropene     | <5.00        |           | 5.00  | 0.250 | ug/L |   |          | 03/29/25 04:00 | 1       |
| Dibromomethane              | <1.00        |           | 1.00  | 0.330 | ug/L |   |          | 03/29/25 04:00 | 1       |
| Ethylbenzene                | <1.00        |           | 1.00  | 0.310 | ug/L |   |          | 03/29/25 04:00 | 1       |
| Iodomethane                 | <10.0        |           | 10.0  | 7.00  | ug/L |   |          | 04/01/25 19:00 | 1       |
| Methylene Chloride          | <5.00        |           | 5.00  | 1.70  | ug/L |   |          | 03/29/25 04:00 | 1       |
| Styrene                     | <1.00        |           | 1.00  | 0.370 | ug/L |   |          | 03/29/25 04:00 | 1       |
| Tetrachloroethene           | <1.00        |           | 1.00  | 0.480 | ug/L |   |          | 03/29/25 04:00 | 1       |
| Toluene                     | <1.00        |           | 1.00  | 0.430 | ug/L |   |          | 03/29/25 04:00 | 1       |
| trans-1,2-Dichloroethene    | <1.00        |           | 1.00  | 0.270 | ug/L |   |          | 03/29/25 04:00 | 1       |
| trans-1,3-Dichloropropene   | <5.00        |           | 5.00  | 0.560 | ug/L |   |          | 03/29/25 04:00 | 1       |
| trans-1,4-Dichloro-2-butene | <10.0        |           | 10.0  | 1.10  | ug/L |   |          | 03/29/25 04:00 | 1       |
| Trichloroethene             | <1.00        |           | 1.00  | 0.430 | ug/L |   |          | 03/29/25 04:00 | 1       |
| Trichlorofluoromethane      | <4.00        |           | 4.00  | 0.380 | ug/L |   |          | 03/29/25 04:00 | 1       |
| Vinyl acetate               | <10.0        |           | 10.0  | 2.50  | ug/L |   |          | 03/29/25 04:00 | 1       |
| Vinyl chloride              | <1.00        |           | 1.00  | 0.180 | ug/L |   |          | 03/29/25 04:00 | 1       |
| Xylenes, Total              | <3.00        |           | 3.00  | 0.400 | ug/L |   |          | 03/29/25 04:00 | 1       |

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# Client Sample Results

Client: SCS Engineers  
Project/Site: Clinton County South 1st 2025 GW Sampling  
Event

Job ID: 310-302891-1

**Client Sample ID: MW-24**

**Date Collected: 03/25/25 11:29**

**Date Received: 03/27/25 16:25**

**Lab Sample ID: 310-302891-11**

**Matrix: Groundwater**

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------|----------------|---------|
| Dibromofluoromethane (Surr) | 108       |           | 73 - 130 |          | 03/29/25 04:00 | 1       |
| Dibromofluoromethane (Surr) | 110       |           | 73 - 130 |          | 04/01/25 19:00 | 1       |
| Toluene-d8 (Surr)           | 98        |           | 80 - 120 |          | 03/29/25 04:00 | 1       |
| Toluene-d8 (Surr)           | 96        |           | 80 - 120 |          | 04/01/25 19:00 | 1       |
| 4-Bromofluorobenzene (Surr) | 104       |           | 80 - 120 |          | 03/29/25 04:00 | 1       |
| 4-Bromofluorobenzene (Surr) | 101       |           | 80 - 120 |          | 04/01/25 19:00 | 1       |

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

| Analyte        | Result         | Qualifier | RL       | MDL      | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------|----------------|-----------|----------|----------|------|---|----------------|----------------|---------|
| Antimony       | <0.00200       |           | 0.00200  | 0.00100  | mg/L |   | 03/31/25 08:30 | 04/01/25 16:25 | 1       |
| <b>Arsenic</b> | <b>0.00676</b> |           | 0.00200  | 0.000530 | mg/L |   | 03/31/25 08:30 | 04/01/25 16:25 | 1       |
| <b>Barium</b>  | <b>0.523</b>   |           | 0.00200  | 0.000660 | mg/L |   | 03/31/25 08:30 | 04/01/25 16:25 | 1       |
| Beryllium      | <0.00100       |           | 0.00100  | 0.000330 | mg/L |   | 03/31/25 08:30 | 04/01/25 16:25 | 1       |
| Cadmium        | <0.000200      |           | 0.000200 | 0.000100 | mg/L |   | 03/31/25 08:30 | 04/01/25 16:25 | 1       |
| Chromium       | <0.00500       |           | 0.00500  | 0.00180  | mg/L |   | 03/31/25 08:30 | 04/01/25 16:25 | 1       |
| <b>Cobalt</b>  | <b>0.00230</b> |           | 0.000500 | 0.000170 | mg/L |   | 03/31/25 08:30 | 04/01/25 16:25 | 1       |
| Copper         | <0.00500       |           | 0.00500  | 0.00320  | mg/L |   | 03/31/25 08:30 | 04/02/25 14:42 | 1       |
| Lead           | <0.000500      |           | 0.000500 | 0.000330 | mg/L |   | 03/31/25 08:30 | 04/01/25 16:25 | 1       |
| <b>Nickel</b>  | <b>0.00268</b> | <b>J</b>  | 0.00500  | 0.00230  | mg/L |   | 03/31/25 08:30 | 04/01/25 16:25 | 1       |
| Selenium       | <0.00500       |           | 0.00500  | 0.00140  | mg/L |   | 03/31/25 08:30 | 04/01/25 16:25 | 1       |
| Silver         | <0.00100       |           | 0.00100  | 0.000500 | mg/L |   | 03/31/25 08:30 | 04/01/25 16:25 | 1       |
| Thallium       | <0.00100       |           | 0.00100  | 0.000570 | mg/L |   | 03/31/25 08:30 | 04/01/25 16:25 | 1       |
| Vanadium       | <0.00500       |           | 0.00500  | 0.00170  | mg/L |   | 03/31/25 08:30 | 04/01/25 16:25 | 1       |
| Zinc           | <0.0200        |           | 0.0200   | 0.0130   | mg/L |   | 03/31/25 08:30 | 04/01/25 16:25 | 1       |

## General Chemistry

| Analyte                                        | Result      | Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------------------------------|-------------|-----------|------|------|------|---|----------|----------------|---------|
| <b>Total Suspended Solids (USGS I-3765-85)</b> | <b>90.0</b> |           | 15.0 | 10.5 | mg/L |   |          | 03/28/25 11:09 | 1       |

# Client Sample Results

Client: SCS Engineers

Job ID: 310-302891-1

Project/Site: Clinton County South 1st 2025 GW Sampling

Event

Client Sample ID: MW-32

Lab Sample ID: 310-302891-12

Date Collected: 03/26/25 10:42

Matrix: Groundwater

Date Received: 03/27/25 16:25

## 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   | <1.00          |           | 1.00  | 0.380 | ug/L |   |          | 03/29/25 04:23 | 1       |
| 1,1,1-Trichloroethane       | <1.00          |           | 1.00  | 0.190 | ug/L |   |          | 03/29/25 04:23 | 1       |
| 1,1,2,2-Tetrachloroethane   | <1.00          |           | 1.00  | 0.470 | ug/L |   |          | 03/29/25 04:23 | 1       |
| 1,1,2-Trichloroethane       | <1.00          |           | 1.00  | 0.450 | ug/L |   |          | 03/29/25 04:23 | 1       |
| 1,1-Dichloroethane          | <1.00          |           | 1.00  | 0.220 | ug/L |   |          | 03/29/25 04:23 | 1       |
| 1,1-Dichloroethene          | <2.00          |           | 2.00  | 0.560 | ug/L |   |          | 03/29/25 04:23 | 1       |
| 1,2,3-Trichloropropane      | <1.00          |           | 1.00  | 0.590 | ug/L |   |          | 03/29/25 04:23 | 1       |
| 1,2-Dibromo-3-Chloropropane | <1.20          |           | 1.20  | 1.20  | ug/L |   |          | 03/29/25 04:23 | 1       |
| 1,2-Dibromoethane (EDB)     | <0.340         |           | 0.340 | 0.340 | ug/L |   |          | 03/29/25 04:23 | 1       |
| 1,2-Dichlorobenzene         | <1.00          |           | 1.00  | 0.370 | ug/L |   |          | 03/29/25 04:23 | 1       |
| 1,2-Dichloroethane          | <1.00          |           | 1.00  | 0.390 | ug/L |   |          | 03/29/25 04:23 | 1       |
| 1,2-Dichloropropane         | <1.00          |           | 1.00  | 0.270 | ug/L |   |          | 03/29/25 04:23 | 1       |
| 1,4-Dichlorobenzene         | <1.00          |           | 1.00  | 0.230 | ug/L |   |          | 03/29/25 04:23 | 1       |
| 2-Butanone (MEK)            | <10.0          |           | 10.0  | 2.10  | ug/L |   |          | 03/29/25 04:23 | 1       |
| 2-Hexanone                  | <10.0          |           | 10.0  | 2.00  | ug/L |   |          | 03/29/25 04:23 | 1       |
| 4-Methyl-2-pentanone (MIBK) | <10.0          |           | 10.0  | 2.10  | ug/L |   |          | 03/29/25 04:23 | 1       |
| Acetone                     | <10.0          |           | 10.0  | 3.10  | ug/L |   |          | 03/29/25 04:23 | 1       |
| Acrylonitrile               | <10.0          |           | 10.0  | 2.20  | ug/L |   |          | 03/29/25 04:23 | 1       |
| <b>Benzene</b>              | <b>0.702</b>   |           | 0.500 | 0.220 | ug/L |   |          | 03/29/25 04:23 | 1       |
| Bromochloromethane          | <5.00          |           | 5.00  | 0.540 | ug/L |   |          | 03/29/25 04:23 | 1       |
| Bromodichloromethane        | <1.00          |           | 1.00  | 0.390 | ug/L |   |          | 03/29/25 04:23 | 1       |
| Bromoform                   | <5.00          |           | 5.00  | 0.780 | ug/L |   |          | 03/29/25 04:23 | 1       |
| Bromomethane                | <4.00          |           | 4.00  | 1.10  | ug/L |   |          | 03/29/25 04:23 | 1       |
| Carbon disulfide            | <1.00          |           | 1.00  | 0.450 | ug/L |   |          | 03/29/25 04:23 | 1       |
| Carbon tetrachloride        | <2.00          |           | 2.00  | 0.650 | ug/L |   |          | 03/29/25 04:23 | 1       |
| <b>Chlorobenzene</b>        | <b>0.436 J</b> |           | 1.00  | 0.400 | ug/L |   |          | 03/29/25 04:23 | 1       |
| Chlorodibromomethane        | <5.00          |           | 5.00  | 0.750 | ug/L |   |          | 03/29/25 04:23 | 1       |
| Chloroethane                | <4.00          |           | 4.00  | 0.790 | ug/L |   |          | 03/29/25 04:23 | 1       |
| Chloroform                  | <3.00          |           | 3.00  | 1.30  | ug/L |   |          | 03/29/25 04:23 | 1       |
| Chloromethane               | <3.00          |           | 3.00  | 0.610 | ug/L |   |          | 03/29/25 04:23 | 1       |
| cis-1,2-Dichloroethene      | <1.00          |           | 1.00  | 0.210 | ug/L |   |          | 03/29/25 04:23 | 1       |
| cis-1,3-Dichloropropene     | <5.00          |           | 5.00  | 0.250 | ug/L |   |          | 03/29/25 04:23 | 1       |
| Dibromomethane              | <1.00          |           | 1.00  | 0.330 | ug/L |   |          | 03/29/25 04:23 | 1       |
| Ethylbenzene                | <1.00          |           | 1.00  | 0.310 | ug/L |   |          | 03/29/25 04:23 | 1       |
| Iodomethane                 | <10.0          |           | 10.0  | 7.00  | ug/L |   |          | 04/01/25 19:22 | 1       |
| Methylene Chloride          | <5.00          |           | 5.00  | 1.70  | ug/L |   |          | 03/29/25 04:23 | 1       |
| Styrene                     | <1.00          |           | 1.00  | 0.370 | ug/L |   |          | 03/29/25 04:23 | 1       |
| Tetrachloroethene           | <1.00          |           | 1.00  | 0.480 | ug/L |   |          | 03/29/25 04:23 | 1       |
| Toluene                     | <1.00          |           | 1.00  | 0.430 | ug/L |   |          | 03/29/25 04:23 | 1       |
| trans-1,2-Dichloroethene    | <1.00          |           | 1.00  | 0.270 | ug/L |   |          | 03/29/25 04:23 | 1       |
| trans-1,3-Dichloropropene   | <5.00          |           | 5.00  | 0.560 | ug/L |   |          | 03/29/25 04:23 | 1       |
| trans-1,4-Dichloro-2-butene | <10.0          |           | 10.0  | 1.10  | ug/L |   |          | 03/29/25 04:23 | 1       |
| Trichloroethene             | <1.00          |           | 1.00  | 0.430 | ug/L |   |          | 03/29/25 04:23 | 1       |
| Trichlorofluoromethane      | <4.00          |           | 4.00  | 0.380 | ug/L |   |          | 03/29/25 04:23 | 1       |
| Vinyl acetate               | <10.0          |           | 10.0  | 2.50  | ug/L |   |          | 03/29/25 04:23 | 1       |
| Vinyl chloride              | <1.00          |           | 1.00  | 0.180 | ug/L |   |          | 03/29/25 04:23 | 1       |
| Xylenes, Total              | <3.00          |           | 3.00  | 0.400 | ug/L |   |          | 03/29/25 04:23 | 1       |

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# Client Sample Results

Client: SCS Engineers

Job ID: 310-302891-1

Project/Site: Clinton County South 1st 2025 GW Sampling

Event

**Client Sample ID: MW-32**

**Lab Sample ID: 310-302891-12**

**Date Collected: 03/26/25 10:42**

**Matrix: Groundwater**

**Date Received: 03/27/25 16:25**

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------|----------------|---------|
| Dibromofluoromethane (Surr) | 105       |           | 73 - 130 |          | 03/29/25 04:23 | 1       |
| Dibromofluoromethane (Surr) | 110       |           | 73 - 130 |          | 04/01/25 19:22 | 1       |
| Toluene-d8 (Surr)           | 98        |           | 80 - 120 |          | 03/29/25 04:23 | 1       |
| Toluene-d8 (Surr)           | 93        |           | 80 - 120 |          | 04/01/25 19:22 | 1       |
| 4-Bromofluorobenzene (Surr) | 101       |           | 80 - 120 |          | 03/29/25 04:23 | 1       |
| 4-Bromofluorobenzene (Surr) | 101       |           | 80 - 120 |          | 04/01/25 19:22 | 1       |

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

| Analyte   | Result    | Qualifier | RL       | MDL      | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------|-----------|-----------|----------|----------|------|---|----------------|----------------|---------|
| Antimony  | <0.00200  |           | 0.00200  | 0.00100  | mg/L |   | 03/31/25 08:30 | 04/01/25 16:22 | 1       |
| Arsenic   | 0.0239    |           | 0.00200  | 0.000530 | mg/L |   | 03/31/25 08:30 | 04/01/25 16:22 | 1       |
| Barium    | 0.438     |           | 0.00200  | 0.000660 | mg/L |   | 03/31/25 08:30 | 04/01/25 16:22 | 1       |
| Beryllium | 0.00162   |           | 0.00100  | 0.000330 | mg/L |   | 03/31/25 08:30 | 04/01/25 16:22 | 1       |
| Cadmium   | 0.000626  |           | 0.000200 | 0.000100 | mg/L |   | 03/31/25 08:30 | 04/01/25 16:22 | 1       |
| Chromium  | 0.0543    |           | 0.00500  | 0.00180  | mg/L |   | 03/31/25 08:30 | 04/01/25 16:22 | 1       |
| Cobalt    | 0.0383    |           | 0.000500 | 0.000170 | mg/L |   | 03/31/25 08:30 | 04/01/25 16:22 | 1       |
| Copper    | 0.0644    |           | 0.00500  | 0.00320  | mg/L |   | 03/31/25 08:30 | 04/02/25 14:39 | 1       |
| Lead      | 0.0209    |           | 0.000500 | 0.000330 | mg/L |   | 03/31/25 08:30 | 04/01/25 16:22 | 1       |
| Nickel    | 0.0576    |           | 0.00500  | 0.00230  | mg/L |   | 03/31/25 08:30 | 04/01/25 16:22 | 1       |
| Selenium  | 0.00168 J |           | 0.00500  | 0.00140  | mg/L |   | 03/31/25 08:30 | 04/01/25 16:22 | 1       |
| Silver    | <0.00100  |           | 0.00100  | 0.000500 | mg/L |   | 03/31/25 08:30 | 04/01/25 16:22 | 1       |
| Thallium  | <0.00100  |           | 0.00100  | 0.000570 | mg/L |   | 03/31/25 08:30 | 04/01/25 16:22 | 1       |
| Vanadium  | 0.0761    |           | 0.00500  | 0.00170  | mg/L |   | 03/31/25 08:30 | 04/01/25 16:22 | 1       |
| Zinc      | 0.0982    |           | 0.0200   | 0.0130   | mg/L |   | 03/31/25 08:30 | 04/01/25 16:22 | 1       |

## General Chemistry

| Analyte                                 | Result | Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------------------|--------|-----------|------|------|------|---|----------|----------------|---------|
| Total Suspended Solids (USGS I-3765-85) | 2080   |           | 60.0 | 42.0 | mg/L |   |          | 03/28/25 11:09 | 1       |

# Client Sample Results

Client: SCS Engineers  
Project/Site: Clinton County South 1st 2025 GW Sampling  
Event

Job ID: 310-302891-1

**Client Sample ID: MW-33**

**Lab Sample ID: 310-302891-13**

**Date Collected: 03/26/25 09:30**

**Matrix: Groundwater**

**Date Received: 03/27/25 16:25**

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

| Analyte                     | Result    | Qualifier | RL       | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|-------|------|---|----------------|----------------|---------|
| Methylphenol, 3 & 4         | <10.2     |           | 10.2     | 0.714 | ug/L |   | 03/31/25 09:00 | 04/02/25 01:58 | 1       |
| Surrogate                   | %Recovery | Qualifier | Limits   |       |      |   | Prepared       | Analyzed       | Dil Fac |
| 2-Fluorophenol (Surr)       | 60        |           | 25 - 110 |       |      |   | 03/31/25 09:00 | 04/02/25 01:58 | 1       |
| Phenol-d5 (Surr)            | 52        |           | 21 - 110 |       |      |   | 03/31/25 09:00 | 04/02/25 01:58 | 1       |
| 2,4,6-Tribromophenol (Surr) | 69        |           | 27 - 136 |       |      |   | 03/31/25 09:00 | 04/02/25 01:58 | 1       |

## Method: SW846 8151A - Herbicides (GC)

| Analyte   | Result    | Qualifier | RL       | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------|-----------|-----------|----------|-------|------|---|----------------|----------------|---------|
| 2,4-D     | <0.629    |           | 0.629    | 0.262 | ug/L |   | 04/01/25 15:00 | 04/02/25 13:47 | 1       |
| Surrogate | %Recovery | Qualifier | Limits   |       |      |   | Prepared       | Analyzed       | Dil Fac |
| DCAA      | 70        |           | 34 - 142 |       |      |   | 04/01/25 15:00 | 04/02/25 13:47 | 1       |
| DCAA      | 68        |           | 34 - 142 |       |      |   | 04/01/25 15:00 | 04/02/25 13:47 | 1       |

# Client Sample Results

Client: SCS Engineers

Job ID: 310-302891-1

Project/Site: Clinton County South 1st 2025 GW Sampling

Event

Client Sample ID: MW-D1

Lab Sample ID: 310-302891-14

Date Collected: 03/25/25 10:51

Matrix: Groundwater

Date Received: 03/27/25 16:25

## 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   | <1.00  |           | 1.00  | 0.380 | ug/L |   |          | 03/29/25 13:02 | 1       |
| 1,1,1-Trichloroethane       | <1.00  |           | 1.00  | 0.190 | ug/L |   |          | 03/29/25 13:02 | 1       |
| 1,1,2,2-Tetrachloroethane   | <1.00  |           | 1.00  | 0.470 | ug/L |   |          | 03/29/25 13:02 | 1       |
| 1,1,2-Trichloroethane       | <1.00  |           | 1.00  | 0.450 | ug/L |   |          | 03/29/25 13:02 | 1       |
| 1,1-Dichloroethane          | <1.00  |           | 1.00  | 0.220 | ug/L |   |          | 03/29/25 13:02 | 1       |
| 1,1-Dichloroethene          | <2.00  |           | 2.00  | 0.560 | ug/L |   |          | 03/29/25 13:02 | 1       |
| 1,2,3-Trichloropropane      | <1.00  |           | 1.00  | 0.590 | ug/L |   |          | 03/29/25 13:02 | 1       |
| 1,2-Dibromo-3-Chloropropane | <1.20  |           | 1.20  | 1.20  | ug/L |   |          | 03/29/25 13:02 | 1       |
| 1,2-Dibromoethane (EDB)     | <0.340 |           | 0.340 | 0.340 | ug/L |   |          | 03/29/25 13:02 | 1       |
| 1,2-Dichlorobenzene         | <1.00  |           | 1.00  | 0.370 | ug/L |   |          | 03/29/25 13:02 | 1       |
| 1,2-Dichloroethane          | <1.00  |           | 1.00  | 0.390 | ug/L |   |          | 03/29/25 13:02 | 1       |
| 1,2-Dichloropropane         | <1.00  |           | 1.00  | 0.270 | ug/L |   |          | 03/29/25 13:02 | 1       |
| 1,4-Dichlorobenzene         | <1.00  |           | 1.00  | 0.230 | ug/L |   |          | 03/29/25 13:02 | 1       |
| 2-Butanone (MEK)            | <10.0  |           | 10.0  | 2.10  | ug/L |   |          | 03/29/25 13:02 | 1       |
| 2-Hexanone                  | <10.0  |           | 10.0  | 2.00  | ug/L |   |          | 03/29/25 13:02 | 1       |
| 4-Methyl-2-pentanone (MIBK) | <10.0  |           | 10.0  | 2.10  | ug/L |   |          | 03/29/25 13:02 | 1       |
| Acetone                     | <10.0  |           | 10.0  | 3.10  | ug/L |   |          | 03/29/25 13:02 | 1       |
| Acrylonitrile               | <10.0  |           | 10.0  | 2.20  | ug/L |   |          | 03/29/25 13:02 | 1       |
| Benzene                     | <0.500 |           | 0.500 | 0.220 | ug/L |   |          | 03/29/25 13:02 | 1       |
| Bromochloromethane          | <5.00  |           | 5.00  | 0.540 | ug/L |   |          | 03/29/25 13:02 | 1       |
| Bromodichloromethane        | <1.00  |           | 1.00  | 0.390 | ug/L |   |          | 03/29/25 13:02 | 1       |
| Bromoform                   | <5.00  |           | 5.00  | 0.780 | ug/L |   |          | 03/29/25 13:02 | 1       |
| Bromomethane                | <4.00  |           | 4.00  | 1.10  | ug/L |   |          | 03/29/25 13:02 | 1       |
| Carbon disulfide            | <1.00  |           | 1.00  | 0.450 | ug/L |   |          | 03/29/25 13:02 | 1       |
| Carbon tetrachloride        | <2.00  |           | 2.00  | 0.650 | ug/L |   |          | 03/29/25 13:02 | 1       |
| Chlorobenzene               | <1.00  |           | 1.00  | 0.400 | ug/L |   |          | 03/29/25 13:02 | 1       |
| Chlorodibromomethane        | <5.00  |           | 5.00  | 0.750 | ug/L |   |          | 03/29/25 13:02 | 1       |
| Chloroethane                | <4.00  |           | 4.00  | 0.790 | ug/L |   |          | 03/29/25 13:02 | 1       |
| Chloroform                  | <3.00  |           | 3.00  | 1.30  | ug/L |   |          | 03/29/25 13:02 | 1       |
| Chloromethane               | <3.00  |           | 3.00  | 0.610 | ug/L |   |          | 03/29/25 13:02 | 1       |
| cis-1,2-Dichloroethene      | <1.00  |           | 1.00  | 0.210 | ug/L |   |          | 03/29/25 13:02 | 1       |
| cis-1,3-Dichloropropene     | <5.00  |           | 5.00  | 0.250 | ug/L |   |          | 03/29/25 13:02 | 1       |
| Dibromomethane              | <1.00  |           | 1.00  | 0.330 | ug/L |   |          | 03/29/25 13:02 | 1       |
| Ethylbenzene                | <1.00  |           | 1.00  | 0.310 | ug/L |   |          | 03/29/25 13:02 | 1       |
| Iodomethane                 | <10.0  |           | 10.0  | 7.00  | ug/L |   |          | 04/01/25 19:44 | 1       |
| Methylene Chloride          | <5.00  |           | 5.00  | 1.70  | ug/L |   |          | 03/29/25 13:02 | 1       |
| Styrene                     | <1.00  |           | 1.00  | 0.370 | ug/L |   |          | 03/29/25 13:02 | 1       |
| Tetrachloroethene           | <1.00  |           | 1.00  | 0.480 | ug/L |   |          | 03/29/25 13:02 | 1       |
| Toluene                     | <1.00  |           | 1.00  | 0.430 | ug/L |   |          | 03/29/25 13:02 | 1       |
| trans-1,2-Dichloroethene    | <1.00  |           | 1.00  | 0.270 | ug/L |   |          | 03/29/25 13:02 | 1       |
| trans-1,3-Dichloropropene   | <5.00  |           | 5.00  | 0.560 | ug/L |   |          | 03/29/25 13:02 | 1       |
| trans-1,4-Dichloro-2-butene | <10.0  |           | 10.0  | 1.10  | ug/L |   |          | 03/29/25 13:02 | 1       |
| Trichloroethene             | <1.00  |           | 1.00  | 0.430 | ug/L |   |          | 03/29/25 13:02 | 1       |
| Trichlorofluoromethane      | <4.00  |           | 4.00  | 0.380 | ug/L |   |          | 03/29/25 13:02 | 1       |
| Vinyl acetate               | <10.0  |           | 10.0  | 2.50  | ug/L |   |          | 03/29/25 13:02 | 1       |
| Vinyl chloride              | <1.00  |           | 1.00  | 0.180 | ug/L |   |          | 03/29/25 13:02 | 1       |
| Xylenes, Total              | <3.00  |           | 3.00  | 0.400 | ug/L |   |          | 03/29/25 13:02 | 1       |

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# Client Sample Results

Client: SCS Engineers  
Project/Site: Clinton County South 1st 2025 GW Sampling  
Event

Job ID: 310-302891-1

Client Sample ID: MW-D1

Lab Sample ID: 310-302891-14

Date Collected: 03/25/25 10:51

Matrix: Groundwater

Date Received: 03/27/25 16:25

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------|----------------|---------|
| Dibromofluoromethane (Surr) | 110       |           | 73 - 130 |          | 03/29/25 13:02 | 1       |
| Dibromofluoromethane (Surr) | 104       |           | 73 - 130 |          | 04/01/25 19:44 | 1       |
| Toluene-d8 (Surr)           | 97        |           | 80 - 120 |          | 03/29/25 13:02 | 1       |
| Toluene-d8 (Surr)           | 94        |           | 80 - 120 |          | 04/01/25 19:44 | 1       |
| 4-Bromofluorobenzene (Surr) | 100       |           | 80 - 120 |          | 03/29/25 13:02 | 1       |
| 4-Bromofluorobenzene (Surr) | 102       |           | 80 - 120 |          | 04/01/25 19:44 | 1       |

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

| Analyte   | Result    | Qualifier | RL       | MDL      | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------|-----------|-----------|----------|----------|------|---|----------------|----------------|---------|
| Antimony  | <0.00200  |           | 0.00200  | 0.00100  | mg/L |   | 03/31/25 08:30 | 04/01/25 16:34 | 1       |
| Arsenic   | <0.00200  |           | 0.00200  | 0.000530 | mg/L |   | 03/31/25 08:30 | 04/01/25 16:34 | 1       |
| Barium    | 0.161     |           | 0.00200  | 0.000660 | mg/L |   | 03/31/25 08:30 | 04/01/25 16:34 | 1       |
| Beryllium | <0.00100  |           | 0.00100  | 0.000330 | mg/L |   | 03/31/25 08:30 | 04/01/25 16:34 | 1       |
| Cadmium   | 0.000100  | J         | 0.000200 | 0.000100 | mg/L |   | 03/31/25 08:30 | 04/01/25 16:34 | 1       |
| Chromium  | <0.00500  |           | 0.00500  | 0.00180  | mg/L |   | 03/31/25 08:30 | 04/01/25 16:34 | 1       |
| Cobalt    | <0.000500 |           | 0.000500 | 0.000170 | mg/L |   | 03/31/25 08:30 | 04/01/25 16:34 | 1       |
| Copper    | <0.00500  |           | 0.00500  | 0.00320  | mg/L |   | 03/31/25 08:30 | 04/01/25 16:34 | 1       |
| Lead      | 0.000583  |           | 0.000500 | 0.000330 | mg/L |   | 03/31/25 08:30 | 04/01/25 16:34 | 1       |
| Nickel    | 0.00317   | J         | 0.00500  | 0.00230  | mg/L |   | 03/31/25 08:30 | 04/01/25 16:34 | 1       |
| Selenium  | <0.00500  |           | 0.00500  | 0.00140  | mg/L |   | 03/31/25 08:30 | 04/01/25 16:34 | 1       |
| Silver    | <0.00100  |           | 0.00100  | 0.000500 | mg/L |   | 03/31/25 08:30 | 04/01/25 16:34 | 1       |
| Thallium  | <0.00100  |           | 0.00100  | 0.000570 | mg/L |   | 03/31/25 08:30 | 04/01/25 16:34 | 1       |
| Vanadium  | <0.00500  |           | 0.00500  | 0.00170  | mg/L |   | 03/31/25 08:30 | 04/01/25 16:34 | 1       |
| Zinc      | <0.0200   |           | 0.0200   | 0.0130   | mg/L |   | 03/31/25 08:30 | 04/01/25 16:34 | 1       |

## General Chemistry

| Analyte                                 | Result | Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------------------|--------|-----------|------|------|------|---|----------|----------------|---------|
| Total Suspended Solids (USGS I-3765-85) | 1.38   | J         | 1.88 | 1.31 | mg/L |   |          | 03/28/25 11:09 | 1       |

# Client Sample Results

Client: SCS Engineers

Job ID: 310-302891-1

Project/Site: Clinton County South 1st 2025 GW Sampling

Event

Client Sample ID: MW-D2

Lab Sample ID: 310-302891-15

Date Collected: 03/26/25 10:42

Matrix: Groundwater

Date Received: 03/27/25 16:25

## 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   | <1.00          |           | 1.00  | 0.380 | ug/L |   |          | 03/29/25 13:24 | 1       |
| 1,1,1-Trichloroethane       | <1.00          |           | 1.00  | 0.190 | ug/L |   |          | 03/29/25 13:24 | 1       |
| 1,1,2,2-Tetrachloroethane   | <1.00          |           | 1.00  | 0.470 | ug/L |   |          | 03/29/25 13:24 | 1       |
| 1,1,2-Trichloroethane       | <1.00          |           | 1.00  | 0.450 | ug/L |   |          | 03/29/25 13:24 | 1       |
| 1,1-Dichloroethane          | <1.00          |           | 1.00  | 0.220 | ug/L |   |          | 03/29/25 13:24 | 1       |
| 1,1-Dichloroethene          | <2.00          |           | 2.00  | 0.560 | ug/L |   |          | 03/29/25 13:24 | 1       |
| 1,2,3-Trichloropropane      | <1.00          |           | 1.00  | 0.590 | ug/L |   |          | 03/29/25 13:24 | 1       |
| 1,2-Dibromo-3-Chloropropane | <1.20          |           | 1.20  | 1.20  | ug/L |   |          | 03/29/25 13:24 | 1       |
| 1,2-Dibromoethane (EDB)     | <0.340         |           | 0.340 | 0.340 | ug/L |   |          | 03/29/25 13:24 | 1       |
| 1,2-Dichlorobenzene         | <1.00          |           | 1.00  | 0.370 | ug/L |   |          | 03/29/25 13:24 | 1       |
| 1,2-Dichloroethane          | <1.00          |           | 1.00  | 0.390 | ug/L |   |          | 03/29/25 13:24 | 1       |
| 1,2-Dichloropropane         | <1.00          |           | 1.00  | 0.270 | ug/L |   |          | 03/29/25 13:24 | 1       |
| 1,4-Dichlorobenzene         | <1.00          |           | 1.00  | 0.230 | ug/L |   |          | 03/29/25 13:24 | 1       |
| 2-Butanone (MEK)            | <10.0          |           | 10.0  | 2.10  | ug/L |   |          | 03/29/25 13:24 | 1       |
| 2-Hexanone                  | <10.0          |           | 10.0  | 2.00  | ug/L |   |          | 03/29/25 13:24 | 1       |
| 4-Methyl-2-pentanone (MIBK) | <10.0          |           | 10.0  | 2.10  | ug/L |   |          | 03/29/25 13:24 | 1       |
| Acetone                     | <10.0          |           | 10.0  | 3.10  | ug/L |   |          | 03/29/25 13:24 | 1       |
| Acrylonitrile               | <10.0          |           | 10.0  | 2.20  | ug/L |   |          | 03/29/25 13:24 | 1       |
| <b>Benzene</b>              | <b>1.07</b>    |           | 0.500 | 0.220 | ug/L |   |          | 03/29/25 13:24 | 1       |
| Bromochloromethane          | <5.00          |           | 5.00  | 0.540 | ug/L |   |          | 03/29/25 13:24 | 1       |
| Bromodichloromethane        | <1.00          |           | 1.00  | 0.390 | ug/L |   |          | 03/29/25 13:24 | 1       |
| Bromoform                   | <5.00          |           | 5.00  | 0.780 | ug/L |   |          | 03/29/25 13:24 | 1       |
| Bromomethane                | <4.00          |           | 4.00  | 1.10  | ug/L |   |          | 03/29/25 13:24 | 1       |
| Carbon disulfide            | <1.00          |           | 1.00  | 0.450 | ug/L |   |          | 03/29/25 13:24 | 1       |
| Carbon tetrachloride        | <2.00          |           | 2.00  | 0.650 | ug/L |   |          | 03/29/25 13:24 | 1       |
| <b>Chlorobenzene</b>        | <b>0.680 J</b> |           | 1.00  | 0.400 | ug/L |   |          | 03/29/25 13:24 | 1       |
| Chlorodibromomethane        | <5.00          |           | 5.00  | 0.750 | ug/L |   |          | 03/29/25 13:24 | 1       |
| Chloroethane                | <4.00          |           | 4.00  | 0.790 | ug/L |   |          | 03/29/25 13:24 | 1       |
| Chloroform                  | <3.00          |           | 3.00  | 1.30  | ug/L |   |          | 03/29/25 13:24 | 1       |
| Chloromethane               | <3.00          |           | 3.00  | 0.610 | ug/L |   |          | 03/29/25 13:24 | 1       |
| cis-1,2-Dichloroethene      | <1.00          |           | 1.00  | 0.210 | ug/L |   |          | 03/29/25 13:24 | 1       |
| cis-1,3-Dichloropropene     | <5.00          |           | 5.00  | 0.250 | ug/L |   |          | 03/29/25 13:24 | 1       |
| Dibromomethane              | <1.00          |           | 1.00  | 0.330 | ug/L |   |          | 03/29/25 13:24 | 1       |
| Ethylbenzene                | <1.00          |           | 1.00  | 0.310 | ug/L |   |          | 03/29/25 13:24 | 1       |
| Iodomethane                 | <10.0          |           | 10.0  | 7.00  | ug/L |   |          | 04/01/25 20:06 | 1       |
| Methylene Chloride          | <5.00          |           | 5.00  | 1.70  | ug/L |   |          | 03/29/25 13:24 | 1       |
| Styrene                     | <1.00          |           | 1.00  | 0.370 | ug/L |   |          | 03/29/25 13:24 | 1       |
| Tetrachloroethene           | <1.00          |           | 1.00  | 0.480 | ug/L |   |          | 03/29/25 13:24 | 1       |
| Toluene                     | <1.00          |           | 1.00  | 0.430 | ug/L |   |          | 03/29/25 13:24 | 1       |
| trans-1,2-Dichloroethene    | <1.00          |           | 1.00  | 0.270 | ug/L |   |          | 03/29/25 13:24 | 1       |
| trans-1,3-Dichloropropene   | <5.00          |           | 5.00  | 0.560 | ug/L |   |          | 03/29/25 13:24 | 1       |
| trans-1,4-Dichloro-2-butene | <10.0          |           | 10.0  | 1.10  | ug/L |   |          | 03/29/25 13:24 | 1       |
| Trichloroethene             | <1.00          |           | 1.00  | 0.430 | ug/L |   |          | 03/29/25 13:24 | 1       |
| Trichlorofluoromethane      | <4.00          |           | 4.00  | 0.380 | ug/L |   |          | 03/29/25 13:24 | 1       |
| Vinyl acetate               | <10.0          |           | 10.0  | 2.50  | ug/L |   |          | 03/29/25 13:24 | 1       |
| Vinyl chloride              | <1.00          |           | 1.00  | 0.180 | ug/L |   |          | 03/29/25 13:24 | 1       |
| Xylenes, Total              | <3.00          |           | 3.00  | 0.400 | ug/L |   |          | 03/29/25 13:24 | 1       |

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# Client Sample Results

Client: SCS Engineers  
Project/Site: Clinton County South 1st 2025 GW Sampling  
Event

Job ID: 310-302891-1

Client Sample ID: MW-D2

Lab Sample ID: 310-302891-15

Date Collected: 03/26/25 10:42

Matrix: Groundwater

Date Received: 03/27/25 16:25

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------|----------------|---------|
| Dibromofluoromethane (Surr) | 107       |           | 73 - 130 |          | 03/29/25 13:24 | 1       |
| Dibromofluoromethane (Surr) | 110       |           | 73 - 130 |          | 04/01/25 20:06 | 1       |
| Toluene-d8 (Surr)           | 96        |           | 80 - 120 |          | 03/29/25 13:24 | 1       |
| Toluene-d8 (Surr)           | 96        |           | 80 - 120 |          | 04/01/25 20:06 | 1       |
| 4-Bromofluorobenzene (Surr) | 104       |           | 80 - 120 |          | 03/29/25 13:24 | 1       |
| 4-Bromofluorobenzene (Surr) | 106       |           | 80 - 120 |          | 04/01/25 20:06 | 1       |

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

| Analyte   | Result   | Qualifier | RL       | MDL      | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------|----------|-----------|----------|----------|------|---|----------------|----------------|---------|
| Antimony  | <0.00200 |           | 0.00200  | 0.00100  | mg/L |   | 03/31/25 08:30 | 04/01/25 15:54 | 1       |
| Arsenic   | 0.0152   |           | 0.00200  | 0.000530 | mg/L |   | 03/31/25 08:30 | 04/01/25 15:54 | 1       |
| Barium    | 0.285    |           | 0.00200  | 0.000660 | mg/L |   | 03/31/25 08:30 | 04/01/25 15:54 | 1       |
| Beryllium | 0.000766 | J         | 0.00100  | 0.000330 | mg/L |   | 03/31/25 08:30 | 04/01/25 15:54 | 1       |
| Cadmium   | 0.000270 |           | 0.000200 | 0.000100 | mg/L |   | 03/31/25 08:30 | 04/01/25 15:54 | 1       |
| Chromium  | 0.0310   |           | 0.00500  | 0.00180  | mg/L |   | 03/31/25 08:30 | 04/01/25 15:54 | 1       |
| Cobalt    | 0.0260   |           | 0.000500 | 0.000170 | mg/L |   | 03/31/25 08:30 | 04/01/25 15:54 | 1       |
| Copper    | 0.0351   |           | 0.00500  | 0.00320  | mg/L |   | 03/31/25 08:30 | 04/02/25 14:05 | 1       |
| Lead      | 0.0114   |           | 0.000500 | 0.000330 | mg/L |   | 03/31/25 08:30 | 04/01/25 15:54 | 1       |
| Nickel    | 0.0317   |           | 0.00500  | 0.00230  | mg/L |   | 03/31/25 08:30 | 04/01/25 15:54 | 1       |
| Selenium  | <0.00500 |           | 0.00500  | 0.00140  | mg/L |   | 03/31/25 08:30 | 04/01/25 15:54 | 1       |
| Silver    | <0.00100 |           | 0.00100  | 0.000500 | mg/L |   | 03/31/25 08:30 | 04/01/25 15:54 | 1       |
| Thallium  | <0.00100 |           | 0.00100  | 0.000570 | mg/L |   | 03/31/25 08:30 | 04/01/25 15:54 | 1       |
| Vanadium  | 0.0448   |           | 0.00500  | 0.00170  | mg/L |   | 03/31/25 08:30 | 04/01/25 15:54 | 1       |
| Zinc      | 0.0550   |           | 0.0200   | 0.0130   | mg/L |   | 03/31/25 08:30 | 04/01/25 15:54 | 1       |

## General Chemistry

| Analyte                                 | Result | Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------------------|--------|-----------|------|------|------|---|----------|----------------|---------|
| Total Suspended Solids (USGS I-3765-85) | 460    |           | 30.0 | 21.0 | mg/L |   |          | 03/28/25 11:09 | 1       |

# Client Sample Results

Client: SCS Engineers

Job ID: 310-302891-1

Project/Site: Clinton County South 1st 2025 GW Sampling

Event

Client Sample ID: Trip Blank 1

Lab Sample ID: 310-302891-16

Date Collected: 03/25/25 00:00

Matrix: Trip Blank

Date Received: 03/27/25 16:25

## 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   | <1.00  |           | 1.00  | 0.380 | ug/L |   |          | 03/29/25 11:54 | 1       |
| 1,1,1-Trichloroethane       | <1.00  |           | 1.00  | 0.190 | ug/L |   |          | 03/29/25 11:54 | 1       |
| 1,1,2,2-Tetrachloroethane   | <1.00  |           | 1.00  | 0.470 | ug/L |   |          | 03/29/25 11:54 | 1       |
| 1,1,2-Trichloroethane       | <1.00  |           | 1.00  | 0.450 | ug/L |   |          | 03/29/25 11:54 | 1       |
| 1,1-Dichloroethane          | <1.00  |           | 1.00  | 0.220 | ug/L |   |          | 03/29/25 11:54 | 1       |
| 1,1-Dichloroethene          | <2.00  |           | 2.00  | 0.560 | ug/L |   |          | 03/29/25 11:54 | 1       |
| 1,2,3-Trichloropropane      | <1.00  |           | 1.00  | 0.590 | ug/L |   |          | 03/29/25 11:54 | 1       |
| 1,2-Dibromo-3-Chloropropane | <1.20  |           | 1.20  | 1.20  | ug/L |   |          | 03/29/25 11:54 | 1       |
| 1,2-Dibromoethane (EDB)     | <0.340 |           | 0.340 | 0.340 | ug/L |   |          | 03/29/25 11:54 | 1       |
| 1,2-Dichlorobenzene         | <1.00  |           | 1.00  | 0.370 | ug/L |   |          | 03/29/25 11:54 | 1       |
| 1,2-Dichloroethane          | <1.00  |           | 1.00  | 0.390 | ug/L |   |          | 03/29/25 11:54 | 1       |
| 1,2-Dichloropropane         | <1.00  |           | 1.00  | 0.270 | ug/L |   |          | 03/29/25 11:54 | 1       |
| 1,4-Dichlorobenzene         | <1.00  |           | 1.00  | 0.230 | ug/L |   |          | 03/29/25 11:54 | 1       |
| 2-Butanone (MEK)            | <10.0  |           | 10.0  | 2.10  | ug/L |   |          | 03/29/25 11:54 | 1       |
| 2-Hexanone                  | <10.0  |           | 10.0  | 2.00  | ug/L |   |          | 03/29/25 11:54 | 1       |
| 4-Methyl-2-pentanone (MIBK) | <10.0  |           | 10.0  | 2.10  | ug/L |   |          | 03/29/25 11:54 | 1       |
| Acetone                     | <10.0  |           | 10.0  | 3.10  | ug/L |   |          | 03/29/25 11:54 | 1       |
| Acrylonitrile               | <10.0  |           | 10.0  | 2.20  | ug/L |   |          | 03/29/25 11:54 | 1       |
| Benzene                     | <0.500 |           | 0.500 | 0.220 | ug/L |   |          | 03/29/25 11:54 | 1       |
| Bromochloromethane          | <5.00  |           | 5.00  | 0.540 | ug/L |   |          | 03/29/25 11:54 | 1       |
| Bromodichloromethane        | <1.00  |           | 1.00  | 0.390 | ug/L |   |          | 03/29/25 11:54 | 1       |
| Bromoform                   | <5.00  |           | 5.00  | 0.780 | ug/L |   |          | 03/29/25 11:54 | 1       |
| Bromomethane                | <4.00  |           | 4.00  | 1.10  | ug/L |   |          | 03/29/25 11:54 | 1       |
| Carbon disulfide            | <1.00  |           | 1.00  | 0.450 | ug/L |   |          | 03/29/25 11:54 | 1       |
| Carbon tetrachloride        | <2.00  |           | 2.00  | 0.650 | ug/L |   |          | 03/29/25 11:54 | 1       |
| Chlorobenzene               | <1.00  |           | 1.00  | 0.400 | ug/L |   |          | 03/29/25 11:54 | 1       |
| Chlorodibromomethane        | <5.00  |           | 5.00  | 0.750 | ug/L |   |          | 03/29/25 11:54 | 1       |
| Chloroethane                | <4.00  |           | 4.00  | 0.790 | ug/L |   |          | 03/29/25 11:54 | 1       |
| Chloroform                  | <3.00  |           | 3.00  | 1.30  | ug/L |   |          | 03/29/25 11:54 | 1       |
| Chloromethane               | <3.00  |           | 3.00  | 0.610 | ug/L |   |          | 03/29/25 11:54 | 1       |
| cis-1,2-Dichloroethene      | <1.00  |           | 1.00  | 0.210 | ug/L |   |          | 03/29/25 11:54 | 1       |
| cis-1,3-Dichloropropene     | <5.00  |           | 5.00  | 0.250 | ug/L |   |          | 03/29/25 11:54 | 1       |
| Dibromomethane              | <1.00  |           | 1.00  | 0.330 | ug/L |   |          | 03/29/25 11:54 | 1       |
| Ethylbenzene                | <1.00  |           | 1.00  | 0.310 | ug/L |   |          | 03/29/25 11:54 | 1       |
| Iodomethane                 | <10.0  |           | 10.0  | 7.00  | ug/L |   |          | 04/01/25 14:18 | 1       |
| Methylene Chloride          | <5.00  |           | 5.00  | 1.70  | ug/L |   |          | 03/29/25 11:54 | 1       |
| Styrene                     | <1.00  |           | 1.00  | 0.370 | ug/L |   |          | 03/29/25 11:54 | 1       |
| Tetrachloroethene           | <1.00  |           | 1.00  | 0.480 | ug/L |   |          | 03/29/25 11:54 | 1       |
| Toluene                     | <1.00  |           | 1.00  | 0.430 | ug/L |   |          | 03/29/25 11:54 | 1       |
| trans-1,2-Dichloroethene    | <1.00  |           | 1.00  | 0.270 | ug/L |   |          | 03/29/25 11:54 | 1       |
| trans-1,3-Dichloropropene   | <5.00  |           | 5.00  | 0.560 | ug/L |   |          | 03/29/25 11:54 | 1       |
| trans-1,4-Dichloro-2-butene | <10.0  |           | 10.0  | 1.10  | ug/L |   |          | 03/29/25 11:54 | 1       |
| Trichloroethene             | <1.00  |           | 1.00  | 0.430 | ug/L |   |          | 03/29/25 11:54 | 1       |
| Trichlorofluoromethane      | <4.00  |           | 4.00  | 0.380 | ug/L |   |          | 03/29/25 11:54 | 1       |
| Vinyl acetate               | <10.0  |           | 10.0  | 2.50  | ug/L |   |          | 03/29/25 11:54 | 1       |
| Vinyl chloride              | <1.00  |           | 1.00  | 0.180 | ug/L |   |          | 03/29/25 11:54 | 1       |
| Xylenes, Total              | <3.00  |           | 3.00  | 0.400 | ug/L |   |          | 03/29/25 11:54 | 1       |

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# Client Sample Results

Client: SCS Engineers  
Project/Site: Clinton County South 1st 2025 GW Sampling  
Event

Job ID: 310-302891-1

Client Sample ID: Trip Blank 1

Lab Sample ID: 310-302891-16

Date Collected: 03/25/25 00:00

Matrix: Trip Blank

Date Received: 03/27/25 16:25

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------|----------------|---------|
| Dibromofluoromethane (Surr) | 105       |           | 73 - 130 |          | 03/29/25 11:54 | 1       |
| Dibromofluoromethane (Surr) | 108       |           | 73 - 130 |          | 04/01/25 14:18 | 1       |
| Toluene-d8 (Surr)           | 99        |           | 80 - 120 |          | 03/29/25 11:54 | 1       |
| Toluene-d8 (Surr)           | 95        |           | 80 - 120 |          | 04/01/25 14:18 | 1       |
| 4-Bromofluorobenzene (Surr) | 100       |           | 80 - 120 |          | 03/29/25 11:54 | 1       |
| 4-Bromofluorobenzene (Surr) | 106       |           | 80 - 120 |          | 04/01/25 14:18 | 1       |

# Client Sample Results

Client: SCS Engineers

Job ID: 310-302891-1

Project/Site: Clinton County South 1st 2025 GW Sampling

Event

Client Sample ID: Trip Blank 2

Lab Sample ID: 310-302891-17

Date Collected: 03/25/25 00:00

Matrix: Trip Blank

Date Received: 03/27/25 16:25

## 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   | <1.00  |           | 1.00  | 0.380 | ug/L |   |          | 03/29/25 12:16 | 1       |
| 1,1,1-Trichloroethane       | <1.00  |           | 1.00  | 0.190 | ug/L |   |          | 03/29/25 12:16 | 1       |
| 1,1,2,2-Tetrachloroethane   | <1.00  |           | 1.00  | 0.470 | ug/L |   |          | 03/29/25 12:16 | 1       |
| 1,1,2-Trichloroethane       | <1.00  |           | 1.00  | 0.450 | ug/L |   |          | 03/29/25 12:16 | 1       |
| 1,1-Dichloroethane          | <1.00  |           | 1.00  | 0.220 | ug/L |   |          | 03/29/25 12:16 | 1       |
| 1,1-Dichloroethene          | <2.00  |           | 2.00  | 0.560 | ug/L |   |          | 03/29/25 12:16 | 1       |
| 1,2,3-Trichloropropane      | <1.00  |           | 1.00  | 0.590 | ug/L |   |          | 03/29/25 12:16 | 1       |
| 1,2-Dibromo-3-Chloropropane | <1.20  |           | 1.20  | 1.20  | ug/L |   |          | 03/29/25 12:16 | 1       |
| 1,2-Dibromoethane (EDB)     | <0.340 |           | 0.340 | 0.340 | ug/L |   |          | 03/29/25 12:16 | 1       |
| 1,2-Dichlorobenzene         | <1.00  |           | 1.00  | 0.370 | ug/L |   |          | 03/29/25 12:16 | 1       |
| 1,2-Dichloroethane          | <1.00  |           | 1.00  | 0.390 | ug/L |   |          | 03/29/25 12:16 | 1       |
| 1,2-Dichloropropane         | <1.00  |           | 1.00  | 0.270 | ug/L |   |          | 03/29/25 12:16 | 1       |
| 1,4-Dichlorobenzene         | <1.00  |           | 1.00  | 0.230 | ug/L |   |          | 03/29/25 12:16 | 1       |
| 2-Butanone (MEK)            | <10.0  |           | 10.0  | 2.10  | ug/L |   |          | 03/29/25 12:16 | 1       |
| 2-Hexanone                  | <10.0  |           | 10.0  | 2.00  | ug/L |   |          | 03/29/25 12:16 | 1       |
| 4-Methyl-2-pentanone (MIBK) | <10.0  |           | 10.0  | 2.10  | ug/L |   |          | 03/29/25 12:16 | 1       |
| Acetone                     | <10.0  |           | 10.0  | 3.10  | ug/L |   |          | 03/29/25 12:16 | 1       |
| Acrylonitrile               | <10.0  |           | 10.0  | 2.20  | ug/L |   |          | 03/29/25 12:16 | 1       |
| Benzene                     | <0.500 |           | 0.500 | 0.220 | ug/L |   |          | 03/29/25 12:16 | 1       |
| Bromochloromethane          | <5.00  |           | 5.00  | 0.540 | ug/L |   |          | 03/29/25 12:16 | 1       |
| Bromodichloromethane        | <1.00  |           | 1.00  | 0.390 | ug/L |   |          | 03/29/25 12:16 | 1       |
| Bromoform                   | <5.00  |           | 5.00  | 0.780 | ug/L |   |          | 03/29/25 12:16 | 1       |
| Bromomethane                | <4.00  |           | 4.00  | 1.10  | ug/L |   |          | 03/29/25 12:16 | 1       |
| Carbon disulfide            | <1.00  |           | 1.00  | 0.450 | ug/L |   |          | 03/29/25 12:16 | 1       |
| Carbon tetrachloride        | <2.00  |           | 2.00  | 0.650 | ug/L |   |          | 03/29/25 12:16 | 1       |
| Chlorobenzene               | <1.00  |           | 1.00  | 0.400 | ug/L |   |          | 03/29/25 12:16 | 1       |
| Chlorodibromomethane        | <5.00  |           | 5.00  | 0.750 | ug/L |   |          | 03/29/25 12:16 | 1       |
| Chloroethane                | <4.00  |           | 4.00  | 0.790 | ug/L |   |          | 03/29/25 12:16 | 1       |
| Chloroform                  | <3.00  |           | 3.00  | 1.30  | ug/L |   |          | 03/29/25 12:16 | 1       |
| Chloromethane               | <3.00  |           | 3.00  | 0.610 | ug/L |   |          | 03/29/25 12:16 | 1       |
| cis-1,2-Dichloroethene      | <1.00  |           | 1.00  | 0.210 | ug/L |   |          | 03/29/25 12:16 | 1       |
| cis-1,3-Dichloropropene     | <5.00  |           | 5.00  | 0.250 | ug/L |   |          | 03/29/25 12:16 | 1       |
| Dibromomethane              | <1.00  |           | 1.00  | 0.330 | ug/L |   |          | 03/29/25 12:16 | 1       |
| Ethylbenzene                | <1.00  |           | 1.00  | 0.310 | ug/L |   |          | 03/29/25 12:16 | 1       |
| Iodomethane                 | <10.0  |           | 10.0  | 7.00  | ug/L |   |          | 04/01/25 14:39 | 1       |
| Methylene Chloride          | <5.00  |           | 5.00  | 1.70  | ug/L |   |          | 03/29/25 12:16 | 1       |
| Styrene                     | <1.00  |           | 1.00  | 0.370 | ug/L |   |          | 03/29/25 12:16 | 1       |
| Tetrachloroethene           | <1.00  |           | 1.00  | 0.480 | ug/L |   |          | 03/29/25 12:16 | 1       |
| Toluene                     | <1.00  |           | 1.00  | 0.430 | ug/L |   |          | 03/29/25 12:16 | 1       |
| trans-1,2-Dichloroethene    | <1.00  |           | 1.00  | 0.270 | ug/L |   |          | 03/29/25 12:16 | 1       |
| trans-1,3-Dichloropropene   | <5.00  |           | 5.00  | 0.560 | ug/L |   |          | 03/29/25 12:16 | 1       |
| trans-1,4-Dichloro-2-butene | <10.0  |           | 10.0  | 1.10  | ug/L |   |          | 03/29/25 12:16 | 1       |
| Trichloroethene             | <1.00  |           | 1.00  | 0.430 | ug/L |   |          | 03/29/25 12:16 | 1       |
| Trichlorofluoromethane      | <4.00  |           | 4.00  | 0.380 | ug/L |   |          | 03/29/25 12:16 | 1       |
| Vinyl acetate               | <10.0  |           | 10.0  | 2.50  | ug/L |   |          | 03/29/25 12:16 | 1       |
| Vinyl chloride              | <1.00  |           | 1.00  | 0.180 | ug/L |   |          | 03/29/25 12:16 | 1       |
| Xylenes, Total              | <3.00  |           | 3.00  | 0.400 | ug/L |   |          | 03/29/25 12:16 | 1       |

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## Client Sample Results

Client: SCS Engineers

Job ID: 310-302891-1

Project/Site: Clinton County South 1st 2025 GW Sampling

Event

**Client Sample ID: Trip Blank 2**

**Lab Sample ID: 310-302891-17**

**Date Collected: 03/25/25 00:00**

**Matrix: Trip Blank**

**Date Received: 03/27/25 16:25**

| <i>Surrogate</i>                   | <i>%Recovery</i> | <i>Qualifier</i> | <i>Limits</i> | <i>Prepared</i> | <i>Analyzed</i> | <i>Dil Fac</i> |
|------------------------------------|------------------|------------------|---------------|-----------------|-----------------|----------------|
| <i>Dibromofluoromethane (Surr)</i> | 108              |                  | 73 - 130      |                 | 03/29/25 12:16  | 1              |
| <i>Dibromofluoromethane (Surr)</i> | 106              |                  | 73 - 130      |                 | 04/01/25 14:39  | 1              |
| <i>Toluene-d8 (Surr)</i>           | 96               |                  | 80 - 120      |                 | 03/29/25 12:16  | 1              |
| <i>Toluene-d8 (Surr)</i>           | 95               |                  | 80 - 120      |                 | 04/01/25 14:39  | 1              |
| <i>4-Bromofluorobenzene (Surr)</i> | 105              |                  | 80 - 120      |                 | 03/29/25 12:16  | 1              |
| <i>4-Bromofluorobenzene (Surr)</i> | 106              |                  | 80 - 120      |                 | 04/01/25 14:39  | 1              |

# Client Sample Results

Client: SCS Engineers

Job ID: 310-302891-1

Project/Site: Clinton County South 1st 2025 GW Sampling

Event

Client Sample ID: Trip Blank 3

Lab Sample ID: 310-302891-18

Date Collected: 03/25/25 00:00

Matrix: Trip Blank

Date Received: 03/27/25 16:25

## 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   | <1.00  |           | 1.00  | 0.380 | ug/L |   |          | 03/29/25 12:39 | 1       |
| 1,1,1-Trichloroethane       | <1.00  |           | 1.00  | 0.190 | ug/L |   |          | 03/29/25 12:39 | 1       |
| 1,1,2,2-Tetrachloroethane   | <1.00  |           | 1.00  | 0.470 | ug/L |   |          | 03/29/25 12:39 | 1       |
| 1,1,2-Trichloroethane       | <1.00  |           | 1.00  | 0.450 | ug/L |   |          | 03/29/25 12:39 | 1       |
| 1,1-Dichloroethane          | <1.00  |           | 1.00  | 0.220 | ug/L |   |          | 03/29/25 12:39 | 1       |
| 1,1-Dichloroethene          | <2.00  |           | 2.00  | 0.560 | ug/L |   |          | 03/29/25 12:39 | 1       |
| 1,2,3-Trichloropropane      | <1.00  |           | 1.00  | 0.590 | ug/L |   |          | 03/29/25 12:39 | 1       |
| 1,2-Dibromo-3-Chloropropane | <1.20  |           | 1.20  | 1.20  | ug/L |   |          | 03/29/25 12:39 | 1       |
| 1,2-Dibromoethane (EDB)     | <0.340 |           | 0.340 | 0.340 | ug/L |   |          | 03/29/25 12:39 | 1       |
| 1,2-Dichlorobenzene         | <1.00  |           | 1.00  | 0.370 | ug/L |   |          | 03/29/25 12:39 | 1       |
| 1,2-Dichloroethane          | <1.00  |           | 1.00  | 0.390 | ug/L |   |          | 03/29/25 12:39 | 1       |
| 1,2-Dichloropropane         | <1.00  |           | 1.00  | 0.270 | ug/L |   |          | 03/29/25 12:39 | 1       |
| 1,4-Dichlorobenzene         | <1.00  |           | 1.00  | 0.230 | ug/L |   |          | 03/29/25 12:39 | 1       |
| 2-Butanone (MEK)            | <10.0  |           | 10.0  | 2.10  | ug/L |   |          | 03/29/25 12:39 | 1       |
| 2-Hexanone                  | <10.0  |           | 10.0  | 2.00  | ug/L |   |          | 03/29/25 12:39 | 1       |
| 4-Methyl-2-pentanone (MIBK) | <10.0  |           | 10.0  | 2.10  | ug/L |   |          | 03/29/25 12:39 | 1       |
| Acetone                     | <10.0  |           | 10.0  | 3.10  | ug/L |   |          | 03/29/25 12:39 | 1       |
| Acrylonitrile               | <10.0  |           | 10.0  | 2.20  | ug/L |   |          | 03/29/25 12:39 | 1       |
| Benzene                     | <0.500 |           | 0.500 | 0.220 | ug/L |   |          | 03/29/25 12:39 | 1       |
| Bromochloromethane          | <5.00  |           | 5.00  | 0.540 | ug/L |   |          | 03/29/25 12:39 | 1       |
| Bromodichloromethane        | <1.00  |           | 1.00  | 0.390 | ug/L |   |          | 03/29/25 12:39 | 1       |
| Bromoform                   | <5.00  |           | 5.00  | 0.780 | ug/L |   |          | 03/29/25 12:39 | 1       |
| Bromomethane                | <4.00  |           | 4.00  | 1.10  | ug/L |   |          | 03/29/25 12:39 | 1       |
| Carbon disulfide            | <1.00  |           | 1.00  | 0.450 | ug/L |   |          | 03/29/25 12:39 | 1       |
| Carbon tetrachloride        | <2.00  |           | 2.00  | 0.650 | ug/L |   |          | 03/29/25 12:39 | 1       |
| Chlorobenzene               | <1.00  |           | 1.00  | 0.400 | ug/L |   |          | 03/29/25 12:39 | 1       |
| Chlorodibromomethane        | <5.00  |           | 5.00  | 0.750 | ug/L |   |          | 03/29/25 12:39 | 1       |
| Chloroethane                | <4.00  |           | 4.00  | 0.790 | ug/L |   |          | 03/29/25 12:39 | 1       |
| Chloroform                  | <3.00  |           | 3.00  | 1.30  | ug/L |   |          | 03/29/25 12:39 | 1       |
| Chloromethane               | <3.00  |           | 3.00  | 0.610 | ug/L |   |          | 03/29/25 12:39 | 1       |
| cis-1,2-Dichloroethene      | <1.00  |           | 1.00  | 0.210 | ug/L |   |          | 03/29/25 12:39 | 1       |
| cis-1,3-Dichloropropene     | <5.00  |           | 5.00  | 0.250 | ug/L |   |          | 03/29/25 12:39 | 1       |
| Dibromomethane              | <1.00  |           | 1.00  | 0.330 | ug/L |   |          | 03/29/25 12:39 | 1       |
| Ethylbenzene                | <1.00  |           | 1.00  | 0.310 | ug/L |   |          | 03/29/25 12:39 | 1       |
| Iodomethane                 | <10.0  |           | 10.0  | 7.00  | ug/L |   |          | 04/01/25 15:01 | 1       |
| Methylene Chloride          | <5.00  |           | 5.00  | 1.70  | ug/L |   |          | 03/29/25 12:39 | 1       |
| Styrene                     | <1.00  |           | 1.00  | 0.370 | ug/L |   |          | 03/29/25 12:39 | 1       |
| Tetrachloroethene           | <1.00  |           | 1.00  | 0.480 | ug/L |   |          | 03/29/25 12:39 | 1       |
| Toluene                     | <1.00  |           | 1.00  | 0.430 | ug/L |   |          | 03/29/25 12:39 | 1       |
| trans-1,2-Dichloroethene    | <1.00  |           | 1.00  | 0.270 | ug/L |   |          | 03/29/25 12:39 | 1       |
| trans-1,3-Dichloropropene   | <5.00  |           | 5.00  | 0.560 | ug/L |   |          | 03/29/25 12:39 | 1       |
| trans-1,4-Dichloro-2-butene | <10.0  |           | 10.0  | 1.10  | ug/L |   |          | 03/29/25 12:39 | 1       |
| Trichloroethene             | <1.00  |           | 1.00  | 0.430 | ug/L |   |          | 03/29/25 12:39 | 1       |
| Trichlorofluoromethane      | <4.00  |           | 4.00  | 0.380 | ug/L |   |          | 03/29/25 12:39 | 1       |
| Vinyl acetate               | <10.0  |           | 10.0  | 2.50  | ug/L |   |          | 03/29/25 12:39 | 1       |
| Vinyl chloride              | <1.00  |           | 1.00  | 0.180 | ug/L |   |          | 03/29/25 12:39 | 1       |
| Xylenes, Total              | <3.00  |           | 3.00  | 0.400 | ug/L |   |          | 03/29/25 12:39 | 1       |

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## Client Sample Results

Client: SCS Engineers

Job ID: 310-302891-1

Project/Site: Clinton County South 1st 2025 GW Sampling

Event

**Client Sample ID: Trip Blank 3**

**Lab Sample ID: 310-302891-18**

**Date Collected: 03/25/25 00:00**

**Matrix: Trip Blank**

**Date Received: 03/27/25 16:25**

| <i>Surrogate</i>                   | <i>%Recovery</i> | <i>Qualifier</i> | <i>Limits</i> | <i>Prepared</i> | <i>Analyzed</i> | <i>Dil Fac</i> |
|------------------------------------|------------------|------------------|---------------|-----------------|-----------------|----------------|
| <i>Dibromofluoromethane (Surr)</i> | 108              |                  | 73 - 130      |                 | 03/29/25 12:39  | 1              |
| <i>Dibromofluoromethane (Surr)</i> | 109              |                  | 73 - 130      |                 | 04/01/25 15:01  | 1              |
| <i>Toluene-d8 (Surr)</i>           | 97               |                  | 80 - 120      |                 | 03/29/25 12:39  | 1              |
| <i>Toluene-d8 (Surr)</i>           | 97               |                  | 80 - 120      |                 | 04/01/25 15:01  | 1              |
| <i>4-Bromofluorobenzene (Surr)</i> | 101              |                  | 80 - 120      |                 | 03/29/25 12:39  | 1              |
| <i>4-Bromofluorobenzene (Surr)</i> | 104              |                  | 80 - 120      |                 | 04/01/25 15:01  | 1              |

## Definitions/Glossary

Client: SCS Engineers

Job ID: 310-302891-1

Project/Site: Clinton County South 1st 2025 GW Sampling

Event

### 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                                                                                                                                                       |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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                                                                                       |



# Surrogate Summary

Client: SCS Engineers

Job ID: 310-302891-1

Project/Site: Clinton County South 1st 2025 GW Sampling

Event

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

Matrix: Groundwater

Prep Type: Total/NA

| Lab Sample ID    | Client Sample ID | Percent Surrogate Recovery (Acceptance Limits) |                 |                 |
|------------------|------------------|------------------------------------------------|-----------------|-----------------|
|                  |                  | DBFM<br>(73-130)                               | TOL<br>(80-120) | BFB<br>(80-120) |
| 310-302891-1     | MW-05-02         | 106                                            | 99              | 104             |
| 310-302891-1     | MW-05-02         | 106                                            | 94              | 105             |
| 310-302891-1 MS  | MW-05-02         | 92                                             | 102             | 100             |
| 310-302891-1 MSD | MW-05-02         | 94                                             | 101             | 98              |
| 310-302891-2     | MW-05-8R         | 107                                            | 99              | 101             |
| 310-302891-2     | MW-05-8R         | 108                                            | 95              | 103             |
| 310-302891-2 MS  | MW-05-8R         | 94                                             | 99              | 101             |
| 310-302891-2 MSD | MW-05-8R         | 95                                             | 100             | 97              |
| 310-302891-3     | MW-19            | 107                                            | 99              | 103             |
| 310-302891-3     | MW-19            | 107                                            | 94              | 107             |
| 310-302891-4     | MW-29            | 107                                            | 96              | 100             |
| 310-302891-4     | MW-29            | 106                                            | 95              | 102             |
| 310-302891-5     | MW-39            | 108                                            | 98              | 104             |
| 310-302891-5     | MW-39            | 111                                            | 96              | 100             |
| 310-302891-6     | MW-40            | 107                                            | 95              | 101             |
| 310-302891-6     | MW-40            | 111                                            | 95              | 102             |
| 310-302891-7     | MW-41            | 110                                            | 96              | 101             |
| 310-302891-7     | MW-41            | 108                                            | 97              | 106             |
| 310-302891-8     | MW-42            | 106                                            | 97              | 101             |
| 310-302891-8     | MW-42            | 109                                            | 95              | 100             |
| 310-302891-9     | MW-90-11         | 109                                            | 97              | 101             |
| 310-302891-9     | MW-90-11         | 109                                            | 94              | 102             |
| 310-302891-10    | MW-20            | 110                                            | 97              | 101             |
| 310-302891-10    | MW-20            | 107                                            | 96              | 101             |
| 310-302891-11    | MW-24            | 108                                            | 98              | 104             |
| 310-302891-11    | MW-24            | 110                                            | 96              | 101             |
| 310-302891-12    | MW-32            | 105                                            | 98              | 101             |
| 310-302891-12    | MW-32            | 110                                            | 93              | 101             |
| 310-302891-14    | MW-D1            | 110                                            | 97              | 100             |
| 310-302891-14    | MW-D1            | 104                                            | 94              | 102             |
| 310-302891-15    | MW-D2            | 107                                            | 96              | 104             |
| 310-302891-15    | MW-D2            | 110                                            | 96              | 106             |

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

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

Matrix: Trip Blank

Prep Type: Total/NA

| Lab Sample ID | Client Sample ID | Percent Surrogate Recovery (Acceptance Limits) |                 |                 |
|---------------|------------------|------------------------------------------------|-----------------|-----------------|
|               |                  | DBFM<br>(73-130)                               | TOL<br>(80-120) | BFB<br>(80-120) |
| 310-302891-16 | Trip Blank 1     | 105                                            | 99              | 100             |
| 310-302891-16 | Trip Blank 1     | 108                                            | 95              | 106             |
| 310-302891-17 | Trip Blank 2     | 108                                            | 96              | 105             |
| 310-302891-17 | Trip Blank 2     | 106                                            | 95              | 106             |
| 310-302891-18 | Trip Blank 3     | 108                                            | 97              | 101             |

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## Surrogate Summary

Client: SCS Engineers

Job ID: 310-302891-1

Project/Site: Clinton County South 1st 2025 GW Sampling

Event

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

Matrix: Trip Blank

Prep Type: Total/NA

| Lab Sample ID                      | Client Sample ID | Percent Surrogate Recovery (Acceptance Limits) |                 |                 |
|------------------------------------|------------------|------------------------------------------------|-----------------|-----------------|
|                                    |                  | DBFM<br>(73-130)                               | TOL<br>(80-120) | BFB<br>(80-120) |
| 310-302891-18                      | Trip Blank 3     | 109                                            | 97              | 104             |
| <b>Surrogate Legend</b>            |                  |                                                |                 |                 |
| 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

| Lab Sample ID                      | Client Sample ID   | Percent Surrogate Recovery (Acceptance Limits) |                 |                 |
|------------------------------------|--------------------|------------------------------------------------|-----------------|-----------------|
|                                    |                    | DBFM<br>(73-130)                               | TOL<br>(80-120) | BFB<br>(80-120) |
| LCS 310-450081/7                   | Lab Control Sample | 95                                             | 103             | 98              |
| LCS 310-450081/8                   | Lab Control Sample | 107                                            | 97              | 104             |
| LCS 310-450083/7                   | Lab Control Sample | 95                                             | 100             | 100             |
| LCS 310-450083/8                   | Lab Control Sample | 106                                            | 98              | 102             |
| LCS 310-450349/7                   | Lab Control Sample | 94                                             | 102             | 104             |
| LCS 310-450349/8                   | Lab Control Sample | 110                                            | 96              | 107             |
| MB 310-450081/6                    | Method Blank       | 109                                            | 98              | 99              |
| MB 310-450083/6                    | Method Blank       | 103                                            | 99              | 104             |
| MB 310-450349/6                    | Method Blank       | 105                                            | 94              | 105             |
| <b>Surrogate Legend</b>            |                    |                                                |                 |                 |
| DBFM = Dibromofluoromethane (Surr) |                    |                                                |                 |                 |
| TOL = Toluene-d8 (Surr)            |                    |                                                |                 |                 |
| BFB = 4-Bromofluorobenzene (Surr)  |                    |                                                |                 |                 |

### Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Groundwater

Prep Type: Total/NA

| Lab Sample ID                     | Client Sample ID | Percent Surrogate Recovery (Acceptance Limits) |                 |                 |
|-----------------------------------|------------------|------------------------------------------------|-----------------|-----------------|
|                                   |                  | 2FP<br>(25-110)                                | PHL<br>(21-110) | TBP<br>(27-136) |
| 310-302891-13                     | MW-33            | 60                                             | 52              | 69              |
| <b>Surrogate Legend</b>           |                  |                                                |                 |                 |
| 2FP = 2-Fluorophenol (Surr)       |                  |                                                |                 |                 |
| PHL = Phenol-d5 (Surr)            |                  |                                                |                 |                 |
| TBP = 2,4,6-Tribromophenol (Surr) |                  |                                                |                 |                 |

### Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

| Lab Sample ID           | Client Sample ID       | Percent Surrogate Recovery (Acceptance Limits) |                 |                 |
|-------------------------|------------------------|------------------------------------------------|-----------------|-----------------|
|                         |                        | 2FP<br>(25-110)                                | PHL<br>(21-110) | TBP<br>(27-136) |
| LCS 310-450191/2-A      | Lab Control Sample     | 59                                             | 45              | 78              |
| LCSD 310-450191/3-A     | Lab Control Sample Dup | 67                                             | 50              | 83              |
| MB 310-450191/1-A       | Method Blank           | 75                                             | 61              | 88              |
| <b>Surrogate Legend</b> |                        |                                                |                 |                 |

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# Surrogate Summary

Client: SCS Engineers

Project/Site: Clinton County South 1st 2025 GW Sampling

Event

2FP = 2-Fluorophenol (Surr)

PHL = Phenol-d5 (Surr)

TBP = 2,4,6-Tribromophenol (Surr)

Job ID: 310-302891-1

## Method: 8151A - Herbicides (GC)

Matrix: Groundwater

Prep Type: Total/NA

|                  |                  | Percent Surrogate Recovery (Acceptance Limits) |                    |
|------------------|------------------|------------------------------------------------|--------------------|
| Lab Sample ID    | Client Sample ID | DCPAA1<br>(34-142)                             | DCPAA2<br>(34-142) |
| 310-302891-13    | MW-33            | 70                                             | 68                 |
| Surrogate Legend |                  |                                                |                    |
| DCPAA = DCAA     |                  |                                                |                    |

## Method: 8151A - Herbicides (GC)

Matrix: Water

Prep Type: Total/NA

|                     |                        | Percent Surrogate Recovery (Acceptance Limits) |                    |
|---------------------|------------------------|------------------------------------------------|--------------------|
| Lab Sample ID       | Client Sample ID       | DCPAA1<br>(34-142)                             | DCPAA2<br>(34-142) |
| LCS 410-624734/2-A  | Lab Control Sample     | 73                                             | 72                 |
| LCSD 410-624734/3-A | Lab Control Sample Dup | 79                                             | 76                 |
| MB 410-624734/1-A   | Method Blank           | 68                                             | 65                 |
| Surrogate Legend    |                        |                                                |                    |
| DCPAA = DCAA        |                        |                                                |                    |

# QC Sample Results

Client: SCS Engineers

Job ID: 310-302891-1

Project/Site: Clinton County South 1st 2025 GW Sampling

Event

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

Lab Sample ID: MB 310-450081/6

Matrix: Water

Analysis Batch: 450081

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                     | MB Result | MB Qualifier | RL    | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|--------------|-------|-------|------|---|----------|----------------|---------|
| 2-Butanone (MEK)            | <10.0     |              | 10.0  | 2.10  | ug/L |   |          | 03/28/25 22:22 | 1       |
| Acetone                     | <10.0     |              | 10.0  | 3.10  | ug/L |   |          | 03/28/25 22:22 | 1       |
| Acrylonitrile               | <10.0     |              | 10.0  | 2.20  | ug/L |   |          | 03/28/25 22:22 | 1       |
| 1,2-Dibromo-3-Chloropropane | <1.20     |              | 1.20  | 1.20  | ug/L |   |          | 03/28/25 22:22 | 1       |
| Benzene                     | <0.500    |              | 0.500 | 0.220 | ug/L |   |          | 03/28/25 22:22 | 1       |
| 1,2-Dibromoethane (EDB)     | <0.340    |              | 0.340 | 0.340 | ug/L |   |          | 03/28/25 22:22 | 1       |
| Bromochloromethane          | <5.00     |              | 5.00  | 0.540 | ug/L |   |          | 03/28/25 22:22 | 1       |
| Bromodichloromethane        | <1.00     |              | 1.00  | 0.390 | ug/L |   |          | 03/28/25 22:22 | 1       |
| Bromoform                   | <5.00     |              | 5.00  | 0.780 | ug/L |   |          | 03/28/25 22:22 | 1       |
| 1,2-Dichlorobenzene         | <1.00     |              | 1.00  | 0.370 | ug/L |   |          | 03/28/25 22:22 | 1       |
| Bromomethane                | <4.00     |              | 4.00  | 1.10  | ug/L |   |          | 03/28/25 22:22 | 1       |
| 1,4-Dichlorobenzene         | <1.00     |              | 1.00  | 0.230 | ug/L |   |          | 03/28/25 22:22 | 1       |
| Carbon disulfide            | <1.00     |              | 1.00  | 0.450 | ug/L |   |          | 03/28/25 22:22 | 1       |
| 1,1-Dichloroethane          | <1.00     |              | 1.00  | 0.220 | ug/L |   |          | 03/28/25 22:22 | 1       |
| Carbon tetrachloride        | <2.00     |              | 2.00  | 0.650 | ug/L |   |          | 03/28/25 22:22 | 1       |
| 1,2-Dichloroethane          | <1.00     |              | 1.00  | 0.390 | ug/L |   |          | 03/28/25 22:22 | 1       |
| Chlorobenzene               | <1.00     |              | 1.00  | 0.400 | ug/L |   |          | 03/28/25 22:22 | 1       |
| 1,1-Dichloroethene          | <2.00     |              | 2.00  | 0.560 | ug/L |   |          | 03/28/25 22:22 | 1       |
| Chlorodibromomethane        | <5.00     |              | 5.00  | 0.750 | ug/L |   |          | 03/28/25 22:22 | 1       |
| 1,2-Dichloropropane         | <1.00     |              | 1.00  | 0.270 | ug/L |   |          | 03/28/25 22:22 | 1       |
| Chloroethane                | <4.00     |              | 4.00  | 0.790 | ug/L |   |          | 03/28/25 22:22 | 1       |
| Chloroform                  | <3.00     |              | 3.00  | 1.30  | ug/L |   |          | 03/28/25 22:22 | 1       |
| 2-Hexanone                  | <10.0     |              | 10.0  | 2.00  | ug/L |   |          | 03/28/25 22:22 | 1       |
| Chloromethane               | <3.00     |              | 3.00  | 0.610 | ug/L |   |          | 03/28/25 22:22 | 1       |
| cis-1,2-Dichloroethene      | <1.00     |              | 1.00  | 0.210 | ug/L |   |          | 03/28/25 22:22 | 1       |
| cis-1,3-Dichloropropene     | <5.00     |              | 5.00  | 0.250 | ug/L |   |          | 03/28/25 22:22 | 1       |
| 4-Methyl-2-pentanone (MIBK) | <10.0     |              | 10.0  | 2.10  | ug/L |   |          | 03/28/25 22:22 | 1       |
| Dibromomethane              | <1.00     |              | 1.00  | 0.330 | ug/L |   |          | 03/28/25 22:22 | 1       |
| Ethylbenzene                | <1.00     |              | 1.00  | 0.310 | ug/L |   |          | 03/28/25 22:22 | 1       |
| 1,1,1,2-Tetrachloroethane   | <1.00     |              | 1.00  | 0.380 | ug/L |   |          | 03/28/25 22:22 | 1       |
| Methylene Chloride          | <5.00     |              | 5.00  | 1.70  | ug/L |   |          | 03/28/25 22:22 | 1       |
| 1,1,2,2-Tetrachloroethane   | <1.00     |              | 1.00  | 0.470 | ug/L |   |          | 03/28/25 22:22 | 1       |
| Styrene                     | <1.00     |              | 1.00  | 0.370 | ug/L |   |          | 03/28/25 22:22 | 1       |
| Tetrachloroethene           | <1.00     |              | 1.00  | 0.480 | ug/L |   |          | 03/28/25 22:22 | 1       |
| Toluene                     | <1.00     |              | 1.00  | 0.430 | ug/L |   |          | 03/28/25 22:22 | 1       |
| trans-1,2-Dichloroethene    | <1.00     |              | 1.00  | 0.270 | ug/L |   |          | 03/28/25 22:22 | 1       |
| trans-1,3-Dichloropropene   | <5.00     |              | 5.00  | 0.560 | ug/L |   |          | 03/28/25 22:22 | 1       |
| trans-1,4-Dichloro-2-butene | <10.0     |              | 10.0  | 1.10  | ug/L |   |          | 03/28/25 22:22 | 1       |
| 1,1,1-Trichloroethane       | <1.00     |              | 1.00  | 0.190 | ug/L |   |          | 03/28/25 22:22 | 1       |
| 1,1,2-Trichloroethane       | <1.00     |              | 1.00  | 0.450 | ug/L |   |          | 03/28/25 22:22 | 1       |
| Trichloroethene             | <1.00     |              | 1.00  | 0.430 | ug/L |   |          | 03/28/25 22:22 | 1       |
| Trichlorofluoromethane      | <4.00     |              | 4.00  | 0.380 | ug/L |   |          | 03/28/25 22:22 | 1       |
| 1,2,3-Trichloropropane      | <1.00     |              | 1.00  | 0.590 | ug/L |   |          | 03/28/25 22:22 | 1       |
| Vinyl acetate               | <10.0     |              | 10.0  | 2.50  | ug/L |   |          | 03/28/25 22:22 | 1       |
| Vinyl chloride              | <1.00     |              | 1.00  | 0.180 | ug/L |   |          | 03/28/25 22:22 | 1       |
| Xylenes, Total              | <3.00     |              | 3.00  | 0.400 | ug/L |   |          | 03/28/25 22:22 | 1       |

Eurofins Cedar Falls

# QC Sample Results

Client: SCS Engineers

Job ID: 310-302891-1

Project/Site: Clinton County South 1st 2025 GW Sampling

Event

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

Lab Sample ID: MB 310-450081/6

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 450081

|                             | MB        | MB        |          |          |                |
|-----------------------------|-----------|-----------|----------|----------|----------------|
| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared | Analyzed       |
| Dibromofluoromethane (Surr) | 109       |           | 73 - 130 |          | 03/28/25 22:22 |
| Toluene-d8 (Surr)           | 98        |           | 80 - 120 |          | 03/28/25 22:22 |
| 4-Bromofluorobenzene (Surr) | 99        |           | 80 - 120 |          | 03/28/25 22:22 |

Lab Sample ID: LCS 310-450081/7

Client Sample ID: Lab Control Sample

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 450081

| Analyte                     | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|-----------------------------|-------------|------------|---------------|------|---|------|-------------|
| 2-Butanone (MEK)            | 40.0        | 37.09      |               | ug/L |   | 93   | 50 - 150    |
| Acetone                     | 40.0        | 36.36      |               | ug/L |   | 91   | 50 - 150    |
| Acrylonitrile               | 200         | 174.6      |               | ug/L |   | 87   | 50 - 150    |
| 1,2-Dibromo-3-Chloropropane | 20.0        | 17.41      |               | ug/L |   | 87   | 50 - 150    |
| Benzene                     | 20.0        | 18.87      |               | ug/L |   | 94   | 72 - 124    |
| 1,2-Dibromoethane (EDB)     | 20.0        | 19.07      |               | ug/L |   | 95   | 75 - 125    |
| Bromochloromethane          | 20.0        | 19.04      |               | ug/L |   | 95   | 73 - 130    |
| Bromodichloromethane        | 20.0        | 18.07      |               | ug/L |   | 90   | 74 - 122    |
| Bromoform                   | 20.0        | 17.48      |               | ug/L |   | 87   | 61 - 122    |
| 1,2-Dichlorobenzene         | 20.0        | 17.90      |               | ug/L |   | 90   | 74 - 120    |
| 1,4-Dichlorobenzene         | 20.0        | 17.52      |               | ug/L |   | 88   | 72 - 120    |
| Carbon disulfide            | 20.0        | 17.90      |               | ug/L |   | 89   | 59 - 135    |
| 1,1-Dichloroethane          | 20.0        | 19.11      |               | ug/L |   | 96   | 70 - 127    |
| Carbon tetrachloride        | 20.0        | 17.53      |               | ug/L |   | 88   | 67 - 132    |
| 1,2-Dichloroethane          | 20.0        | 17.97      |               | ug/L |   | 90   | 71 - 125    |
| Chlorobenzene               | 20.0        | 18.08      |               | ug/L |   | 90   | 76 - 120    |
| 1,1-Dichloroethene          | 20.0        | 18.22      |               | ug/L |   | 91   | 63 - 132    |
| Chlorodibromomethane        | 20.0        | 18.17      |               | ug/L |   | 91   | 71 - 121    |
| 1,2-Dichloropropane         | 20.0        | 18.19      |               | ug/L |   | 91   | 73 - 124    |
| Chloroform                  | 20.0        | 19.73      |               | ug/L |   | 99   | 72 - 125    |
| 2-Hexanone                  | 40.0        | 37.76      |               | ug/L |   | 94   | 60 - 140    |
| cis-1,2-Dichloroethene      | 20.0        | 19.00      |               | ug/L |   | 95   | 74 - 123    |
| cis-1,3-Dichloropropene     | 20.0        | 17.06      |               | ug/L |   | 85   | 71 - 125    |
| 4-Methyl-2-pentanone (MIBK) | 40.0        | 36.84      |               | ug/L |   | 92   | 60 - 139    |
| Dibromomethane              | 20.0        | 19.22      |               | ug/L |   | 96   | 74 - 125    |
| Ethylbenzene                | 20.0        | 18.63      |               | ug/L |   | 93   | 74 - 122    |
| 1,1,1,2-Tetrachloroethane   | 20.0        | 18.68      |               | ug/L |   | 93   | 71 - 120    |
| Methylene Chloride          | 20.0        | 20.05      |               | ug/L |   | 100  | 50 - 150    |
| 1,1,2,2-Tetrachloroethane   | 20.0        | 18.33      |               | ug/L |   | 92   | 68 - 124    |
| Styrene                     | 20.0        | 18.68      |               | ug/L |   | 93   | 74 - 121    |
| Tetrachloroethene           | 20.0        | 17.79      |               | ug/L |   | 89   | 71 - 130    |
| Toluene                     | 20.0        | 19.26      |               | ug/L |   | 96   | 74 - 123    |
| trans-1,2-Dichloroethene    | 20.0        | 18.95      |               | ug/L |   | 95   | 70 - 126    |
| trans-1,3-Dichloropropene   | 20.0        | 16.55      |               | ug/L |   | 83   | 69 - 123    |
| trans-1,4-Dichloro-2-butene | 20.0        | 17.01      |               | ug/L |   | 85   | 50 - 150    |
| 1,1,1-Trichloroethane       | 20.0        | 18.63      |               | ug/L |   | 93   | 73 - 129    |
| 1,1,2-Trichloroethane       | 20.0        | 18.25      |               | ug/L |   | 91   | 73 - 123    |
| Trichloroethene             | 20.0        | 18.95      |               | ug/L |   | 95   | 72 - 126    |

Eurofins Cedar Falls

# QC Sample Results

Client: SCS Engineers

Job ID: 310-302891-1

Project/Site: Clinton County South 1st 2025 GW Sampling

Event

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

Lab Sample ID: LCS 310-450081/7

Matrix: Water

Analysis Batch: 450081

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                | Spike<br>Added | LCS<br>Result | LCS<br>Qualifier | Unit | D | %Rec | %Rec<br>Limits |
|------------------------|----------------|---------------|------------------|------|---|------|----------------|
|                        |                |               |                  |      |   |      |                |
| 1,2,3-Trichloropropane | 20.0           | 18.19         |                  | ug/L |   | 91   | 65 - 127       |
| Vinyl acetate          | 40.0           | 32.03         |                  | ug/L |   | 80   | 50 - 150       |
| Xylenes, Total         | 40.0           | 36.84         |                  | ug/L |   | 92   | 73 - 123       |

| Surrogate                   | %Recovery | LCS<br>Qualifier | Limits   |
|-----------------------------|-----------|------------------|----------|
|                             |           |                  |          |
| Dibromofluoromethane (Surr) | 95        |                  | 73 - 130 |
| Toluene-d8 (Surr)           | 103       |                  | 80 - 120 |
| 4-Bromofluorobenzene (Surr) | 98        |                  | 80 - 120 |

Lab Sample ID: LCS 310-450081/8

Matrix: Water

Analysis Batch: 450081

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                | Spike<br>Added | LCS<br>Result | LCS<br>Qualifier | Unit | D | %Rec | %Rec<br>Limits |
|------------------------|----------------|---------------|------------------|------|---|------|----------------|
|                        |                |               |                  |      |   |      |                |
| Bromomethane           | 20.0           | 17.00         |                  | ug/L |   | 85   | 23 - 150       |
| Chloroethane           | 20.0           | 18.25         |                  | ug/L |   | 91   | 54 - 136       |
| Chloromethane          | 20.0           | 17.25         |                  | ug/L |   | 86   | 38 - 150       |
| Trichlorofluoromethane | 20.0           | 20.12         |                  | ug/L |   | 101  | 54 - 149       |
| Vinyl chloride         | 20.0           | 19.63         |                  | ug/L |   | 98   | 56 - 140       |

| Surrogate                   | %Recovery | LCS<br>Qualifier | Limits   |
|-----------------------------|-----------|------------------|----------|
|                             |           |                  |          |
| Dibromofluoromethane (Surr) | 107       |                  | 73 - 130 |
| Toluene-d8 (Surr)           | 97        |                  | 80 - 120 |
| 4-Bromofluorobenzene (Surr) | 104       |                  | 80 - 120 |

Lab Sample ID: 310-302891-1 MS

Matrix: Groundwater

Analysis Batch: 450081

Client Sample ID: MW-05-02

Prep Type: Total/NA

| Analyte                     | Sample<br>Result | Sample<br>Qualifier | Spike<br>Added | MS<br>Result | MS<br>Qualifier | Unit | D | %Rec | %Rec<br>Limits |
|-----------------------------|------------------|---------------------|----------------|--------------|-----------------|------|---|------|----------------|
|                             |                  |                     |                |              |                 |      |   |      |                |
| 2-Butanone (MEK)            | <10.0            |                     | 50.0           | 41.94        |                 | ug/L |   | 84   | 38 - 150       |
| Acetone                     | <10.0            |                     | 50.0           | 41.35        |                 | ug/L |   | 83   | 31 - 150       |
| Acrylonitrile               | <10.0            |                     | 250            | 189.5        |                 | ug/L |   | 76   | 40 - 150       |
| 1,2-Dibromo-3-Chloropropane | <1.20            |                     | 25.0           | 20.50        |                 | ug/L |   | 82   | 38 - 150       |
| Benzene                     | <0.500           |                     | 25.0           | 19.66        |                 | ug/L |   | 79   | 46 - 130       |
| 1,2-Dibromoethane (EDB)     | <0.340           |                     | 25.0           | 21.03        |                 | ug/L |   | 84   | 60 - 130       |
| Bromochloromethane          | <5.00            |                     | 25.0           | 21.72        |                 | ug/L |   | 87   | 57 - 130       |
| Bromodichloromethane        | <1.00            |                     | 25.0           | 19.09        |                 | ug/L |   | 76   | 57 - 130       |
| Bromoform                   | <5.00            |                     | 25.0           | 19.45        |                 | ug/L |   | 78   | 44 - 130       |
| 1,2-Dichlorobenzene         | <1.00            |                     | 25.0           | 21.69        |                 | ug/L |   | 87   | 59 - 130       |
| 1,4-Dichlorobenzene         | <1.00            |                     | 25.0           | 20.59        |                 | ug/L |   | 82   | 57 - 130       |
| Carbon disulfide            | <1.00            |                     | 25.0           | 22.26        |                 | ug/L |   | 89   | 38 - 135       |
| 1,1-Dichloroethane          | <1.00            |                     | 25.0           | 20.48        |                 | ug/L |   | 82   | 49 - 130       |
| Carbon tetrachloride        | <2.00            |                     | 25.0           | 18.13        |                 | ug/L |   | 73   | 45 - 132       |
| 1,2-Dichloroethane          | <1.00            |                     | 25.0           | 19.54        |                 | ug/L |   | 78   | 51 - 130       |
| Chlorobenzene               | <1.00            |                     | 25.0           | 19.80        |                 | ug/L |   | 79   | 59 - 130       |
| 1,1-Dichloroethene          | <2.00            |                     | 25.0           | 19.28        |                 | ug/L |   | 77   | 37 - 132       |

Eurofins Cedar Falls

# QC Sample Results

Client: SCS Engineers

Job ID: 310-302891-1

Project/Site: Clinton County South 1st 2025 GW Sampling

Event

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

Lab Sample ID: 310-302891-1 MS

Client Sample ID: MW-05-02

Matrix: Groundwater

Prep Type: Total/NA

Analysis Batch: 450081

| Analyte                     | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|-----------------------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| Chlorodibromomethane        | <5.00         |                  | 25.0        | 20.11     |              | ug/L |   | 80   | 54 - 130    |
| 1,2-Dichloropropane         | <1.00         |                  | 25.0        | 18.80     |              | ug/L |   | 75   | 57 - 130    |
| Chloroform                  | <3.00         |                  | 25.0        | 20.99     |              | ug/L |   | 84   | 51 - 130    |
| 2-Hexanone                  | <10.0         |                  | 50.0        | 42.82     |              | ug/L |   | 86   | 46 - 140    |
| cis-1,2-Dichloroethene      | <1.00         |                  | 25.0        | 19.97     |              | ug/L |   | 80   | 45 - 130    |
| cis-1,3-Dichloropropene     | <5.00         |                  | 25.0        | 19.10     |              | ug/L |   | 76   | 53 - 130    |
| 4-Methyl-2-pentanone (MIBK) | <10.0         |                  | 50.0        | 40.54     |              | ug/L |   | 81   | 47 - 139    |
| Dibromomethane              | <1.00         |                  | 25.0        | 20.98     |              | ug/L |   | 84   | 59 - 130    |
| Ethylbenzene                | <1.00         |                  | 25.0        | 19.46     |              | ug/L |   | 78   | 45 - 130    |
| 1,1,1,2-Tetrachloroethane   | <1.00         |                  | 25.0        | 20.64     |              | ug/L |   | 83   | 55 - 130    |
| Methylene Chloride          | <5.00         |                  | 25.0        | 21.53     |              | ug/L |   | 86   | 37 - 150    |
| 1,1,2,2-Tetrachloroethane   | <1.00         |                  | 25.0        | 21.20     |              | ug/L |   | 85   | 54 - 130    |
| Styrene                     | <1.00         |                  | 25.0        | 21.12     |              | ug/L |   | 84   | 47 - 130    |
| Tetrachloroethene           | <1.00         |                  | 25.0        | 18.08     |              | ug/L |   | 72   | 47 - 130    |
| Toluene                     | <1.00         |                  | 25.0        | 19.75     |              | ug/L |   | 79   | 51 - 130    |
| trans-1,2-Dichloroethene    | <1.00         |                  | 25.0        | 20.15     |              | ug/L |   | 81   | 48 - 130    |
| trans-1,3-Dichloropropene   | <5.00         |                  | 25.0        | 18.27     |              | ug/L |   | 73   | 50 - 130    |
| trans-1,4-Dichloro-2-butene | <10.0         |                  | 25.0        | 19.89     |              | ug/L |   | 80   | 26 - 150    |
| 1,1,1-Trichloroethane       | <1.00         |                  | 25.0        | 18.88     |              | ug/L |   | 76   | 52 - 130    |
| 1,1,2-Trichloroethane       | <1.00         |                  | 25.0        | 19.93     |              | ug/L |   | 80   | 58 - 130    |
| Trichloroethene             | <1.00         |                  | 25.0        | 19.26     |              | ug/L |   | 77   | 51 - 130    |
| 1,2,3-Trichloropropane      | <1.00         |                  | 25.0        | 21.06     |              | ug/L |   | 84   | 49 - 130    |
| Vinyl acetate               | <10.0         |                  | 50.0        | 34.47     |              | ug/L |   | 69   | 29 - 150    |
| Xylenes, Total              | <3.00         |                  | 50.0        | 38.65     |              | ug/L |   | 77   | 43 - 130    |

| Surrogate                   | MS %Recovery | MS Qualifier | Limits   |
|-----------------------------|--------------|--------------|----------|
| Dibromofluoromethane (Surr) | 92           |              | 73 - 130 |
| Toluene-d8 (Surr)           | 102          |              | 80 - 120 |
| 4-Bromofluorobenzene (Surr) | 100          |              | 80 - 120 |

Lab Sample ID: 310-302891-1 MSD

Client Sample ID: MW-05-02

Matrix: Groundwater

Prep Type: Total/NA

Analysis Batch: 450081

| Analyte                     | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|-----------------------------|---------------|------------------|-------------|------------|---------------|------|---|------|-------------|-----|-----------|
| 2-Butanone (MEK)            | <10.0         |                  | 50.0        | 35.41      |               | ug/L |   | 71   | 38 - 150    | 17  | 20        |
| Acetone                     | <10.0         |                  | 50.0        | 40.07      |               | ug/L |   | 80   | 31 - 150    | 3   | 29        |
| Acrylonitrile               | <10.0         |                  | 250         | 177.4      |               | ug/L |   | 71   | 40 - 150    | 7   | 20        |
| 1,2-Dibromo-3-Chloropropane | <1.20         |                  | 25.0        | 19.64      |               | ug/L |   | 79   | 38 - 150    | 4   | 20        |
| Benzene                     | <0.500        |                  | 25.0        | 18.52      |               | ug/L |   | 74   | 46 - 130    | 6   | 20        |
| 1,2-Dibromoethane (EDB)     | <0.340        |                  | 25.0        | 20.05      |               | ug/L |   | 80   | 60 - 130    | 5   | 20        |
| Bromochloromethane          | <5.00         |                  | 25.0        | 19.88      |               | ug/L |   | 80   | 57 - 130    | 9   | 20        |
| Bromodichloromethane        | <1.00         |                  | 25.0        | 17.94      |               | ug/L |   | 72   | 57 - 130    | 6   | 20        |
| Bromoform                   | <5.00         |                  | 25.0        | 18.44      |               | ug/L |   | 74   | 44 - 130    | 5   | 20        |
| 1,2-Dichlorobenzene         | <1.00         |                  | 25.0        | 20.26      |               | ug/L |   | 81   | 59 - 130    | 7   | 20        |
| 1,4-Dichlorobenzene         | <1.00         |                  | 25.0        | 19.45      |               | ug/L |   | 78   | 57 - 130    | 6   | 20        |
| Carbon disulfide            | <1.00         |                  | 25.0        | 18.72      |               | ug/L |   | 75   | 38 - 135    | 17  | 30        |

Eurofins Cedar Falls

# QC Sample Results

Client: SCS Engineers

Job ID: 310-302891-1

Project/Site: Clinton County South 1st 2025 GW Sampling

Event

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

Lab Sample ID: 310-302891-1 MSD

Client Sample ID: MW-05-02

Matrix: Groundwater

Prep Type: Total/NA

Analysis Batch: 450081

| Analyte                     | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|-----------------------------|---------------|------------------|-------------|------------|---------------|------|---|------|-------------|-----|-----------|
| 1,1-Dichloroethane          | <1.00         |                  | 25.0        | 19.23      |               | ug/L |   | 77   | 49 - 130    | 6   | 20        |
| Carbon tetrachloride        | <2.00         |                  | 25.0        | 17.52      |               | ug/L |   | 70   | 45 - 132    | 3   | 20        |
| 1,2-Dichloroethane          | <1.00         |                  | 25.0        | 18.44      |               | ug/L |   | 74   | 51 - 130    | 6   | 20        |
| Chlorobenzene               | <1.00         |                  | 25.0        | 18.34      |               | ug/L |   | 73   | 59 - 130    | 8   | 20        |
| 1,1-Dichloroethene          | <2.00         |                  | 25.0        | 18.65      |               | ug/L |   | 75   | 37 - 132    | 3   | 26        |
| Chlorodibromomethane        | <5.00         |                  | 25.0        | 18.73      |               | ug/L |   | 75   | 54 - 130    | 7   | 20        |
| 1,2-Dichloropropane         | <1.00         |                  | 25.0        | 17.80      |               | ug/L |   | 71   | 57 - 130    | 5   | 20        |
| Chloroform                  | <3.00         |                  | 25.0        | 19.22      |               | ug/L |   | 77   | 51 - 130    | 9   | 20        |
| 2-Hexanone                  | <10.0         |                  | 50.0        | 39.94      |               | ug/L |   | 80   | 46 - 140    | 7   | 20        |
| cis-1,2-Dichloroethene      | <1.00         |                  | 25.0        | 18.69      |               | ug/L |   | 75   | 45 - 130    | 7   | 20        |
| cis-1,3-Dichloropropene     | <5.00         |                  | 25.0        | 17.89      |               | ug/L |   | 72   | 53 - 130    | 7   | 20        |
| 4-Methyl-2-pentanone (MIBK) | <10.0         |                  | 50.0        | 38.58      |               | ug/L |   | 77   | 47 - 139    | 5   | 20        |
| Dibromomethane              | <1.00         |                  | 25.0        | 19.76      |               | ug/L |   | 79   | 59 - 130    | 6   | 20        |
| Ethylbenzene                | <1.00         |                  | 25.0        | 18.45      |               | ug/L |   | 74   | 45 - 130    | 5   | 20        |
| 1,1,1,2-Tetrachloroethane   | <1.00         |                  | 25.0        | 18.82      |               | ug/L |   | 75   | 55 - 130    | 9   | 20        |
| Methylene Chloride          | <5.00         |                  | 25.0        | 20.18      |               | ug/L |   | 81   | 37 - 150    | 6   | 24        |
| 1,1,1,2,2-Tetrachloroethane | <1.00         |                  | 25.0        | 19.79      |               | ug/L |   | 79   | 54 - 130    | 7   | 20        |
| Styrene                     | <1.00         |                  | 25.0        | 19.13      |               | ug/L |   | 77   | 47 - 130    | 10  | 20        |
| Tetrachloroethene           | <1.00         |                  | 25.0        | 17.37      |               | ug/L |   | 69   | 47 - 130    | 4   | 20        |
| Toluene                     | <1.00         |                  | 25.0        | 18.60      |               | ug/L |   | 74   | 51 - 130    | 6   | 20        |
| trans-1,2-Dichloroethene    | <1.00         |                  | 25.0        | 18.43      |               | ug/L |   | 74   | 48 - 130    | 9   | 22        |
| trans-1,3-Dichloropropene   | <5.00         |                  | 25.0        | 17.41      |               | ug/L |   | 70   | 50 - 130    | 5   | 20        |
| trans-1,4-Dichloro-2-butene | <10.0         |                  | 25.0        | 18.93      |               | ug/L |   | 76   | 26 - 150    | 5   | 23        |
| 1,1,1-Trichloroethane       | <1.00         |                  | 25.0        | 18.00      |               | ug/L |   | 72   | 52 - 130    | 5   | 20        |
| 1,1,2-Trichloroethane       | <1.00         |                  | 25.0        | 18.61      |               | ug/L |   | 74   | 58 - 130    | 7   | 20        |
| Trichloroethene             | <1.00         |                  | 25.0        | 18.22      |               | ug/L |   | 73   | 51 - 130    | 6   | 20        |
| 1,2,3-Trichloropropane      | <1.00         |                  | 25.0        | 19.43      |               | ug/L |   | 78   | 49 - 130    | 8   | 26        |
| Vinyl acetate               | <10.0         |                  | 50.0        | 33.49      |               | ug/L |   | 67   | 29 - 150    | 3   | 23        |
| Xylenes, Total              | <3.00         |                  | 50.0        | 36.02      |               | ug/L |   | 72   | 43 - 130    | 7   | 20        |

| Surrogate                   | MSD %Recovery | MSD Qualifier | Limits   |
|-----------------------------|---------------|---------------|----------|
| Dibromofluoromethane (Surr) | 94            |               | 73 - 130 |
| Toluene-d8 (Surr)           | 101           |               | 80 - 120 |
| 4-Bromofluorobenzene (Surr) | 98            |               | 80 - 120 |

Lab Sample ID: MB 310-450083/6

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 450083

| Analyte                     | MB Result | MB Qualifier | RL    | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|--------------|-------|-------|------|---|----------|----------------|---------|
| 2-Butanone (MEK)            | <10.0     |              | 10.0  | 2.10  | ug/L |   |          | 03/29/25 09:38 | 1       |
| Acetone                     | <10.0     |              | 10.0  | 3.10  | ug/L |   |          | 03/29/25 09:38 | 1       |
| Acrylonitrile               | <10.0     |              | 10.0  | 2.20  | ug/L |   |          | 03/29/25 09:38 | 1       |
| 1,2-Dibromo-3-Chloropropane | <1.20     |              | 1.20  | 1.20  | ug/L |   |          | 03/29/25 09:38 | 1       |
| Benzene                     | <0.500    |              | 0.500 | 0.220 | ug/L |   |          | 03/29/25 09:38 | 1       |
| 1,2-Dibromoethane (EDB)     | <0.340    |              | 0.340 | 0.340 | ug/L |   |          | 03/29/25 09:38 | 1       |
| Bromochloromethane          | <5.00     |              | 5.00  | 0.540 | ug/L |   |          | 03/29/25 09:38 | 1       |

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# QC Sample Results

Client: SCS Engineers

Job ID: 310-302891-1

Project/Site: Clinton County South 1st 2025 GW Sampling

Event

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

Lab Sample ID: MB 310-450083/6

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 450083

| Analyte                     | MB Result | MB Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|--------------|------|-------|------|---|----------|----------------|---------|
| Bromodichloromethane        | <1.00     |              | 1.00 | 0.390 | ug/L |   |          | 03/29/25 09:38 | 1       |
| Bromoform                   | <5.00     |              | 5.00 | 0.780 | ug/L |   |          | 03/29/25 09:38 | 1       |
| 1,2-Dichlorobenzene         | <1.00     |              | 1.00 | 0.370 | ug/L |   |          | 03/29/25 09:38 | 1       |
| Bromomethane                | <4.00     |              | 4.00 | 1.10  | ug/L |   |          | 03/29/25 09:38 | 1       |
| 1,4-Dichlorobenzene         | <1.00     |              | 1.00 | 0.230 | ug/L |   |          | 03/29/25 09:38 | 1       |
| Carbon disulfide            | <1.00     |              | 1.00 | 0.450 | ug/L |   |          | 03/29/25 09:38 | 1       |
| 1,1-Dichloroethane          | <1.00     |              | 1.00 | 0.220 | ug/L |   |          | 03/29/25 09:38 | 1       |
| Carbon tetrachloride        | <2.00     |              | 2.00 | 0.650 | ug/L |   |          | 03/29/25 09:38 | 1       |
| 1,2-Dichloroethane          | <1.00     |              | 1.00 | 0.390 | ug/L |   |          | 03/29/25 09:38 | 1       |
| Chlorobenzene               | <1.00     |              | 1.00 | 0.400 | ug/L |   |          | 03/29/25 09:38 | 1       |
| 1,1-Dichloroethene          | <2.00     |              | 2.00 | 0.560 | ug/L |   |          | 03/29/25 09:38 | 1       |
| Chlorodibromomethane        | <5.00     |              | 5.00 | 0.750 | ug/L |   |          | 03/29/25 09:38 | 1       |
| 1,2-Dichloropropane         | <1.00     |              | 1.00 | 0.270 | ug/L |   |          | 03/29/25 09:38 | 1       |
| Chloroethane                | <4.00     |              | 4.00 | 0.790 | ug/L |   |          | 03/29/25 09:38 | 1       |
| Chloroform                  | <3.00     |              | 3.00 | 1.30  | ug/L |   |          | 03/29/25 09:38 | 1       |
| 2-Hexanone                  | <10.0     |              | 10.0 | 2.00  | ug/L |   |          | 03/29/25 09:38 | 1       |
| Chloromethane               | <3.00     |              | 3.00 | 0.610 | ug/L |   |          | 03/29/25 09:38 | 1       |
| cis-1,2-Dichloroethene      | <1.00     |              | 1.00 | 0.210 | ug/L |   |          | 03/29/25 09:38 | 1       |
| cis-1,3-Dichloropropene     | <5.00     |              | 5.00 | 0.250 | ug/L |   |          | 03/29/25 09:38 | 1       |
| 4-Methyl-2-pentanone (MIBK) | <10.0     |              | 10.0 | 2.10  | ug/L |   |          | 03/29/25 09:38 | 1       |
| Dibromomethane              | <1.00     |              | 1.00 | 0.330 | ug/L |   |          | 03/29/25 09:38 | 1       |
| Ethylbenzene                | <1.00     |              | 1.00 | 0.310 | ug/L |   |          | 03/29/25 09:38 | 1       |
| 1,1,1,2-Tetrachloroethane   | <1.00     |              | 1.00 | 0.380 | ug/L |   |          | 03/29/25 09:38 | 1       |
| Methylene Chloride          | <5.00     |              | 5.00 | 1.70  | ug/L |   |          | 03/29/25 09:38 | 1       |
| 1,1,2,2-Tetrachloroethane   | <1.00     |              | 1.00 | 0.470 | ug/L |   |          | 03/29/25 09:38 | 1       |
| Styrene                     | <1.00     |              | 1.00 | 0.370 | ug/L |   |          | 03/29/25 09:38 | 1       |
| Tetrachloroethene           | <1.00     |              | 1.00 | 0.480 | ug/L |   |          | 03/29/25 09:38 | 1       |
| Toluene                     | <1.00     |              | 1.00 | 0.430 | ug/L |   |          | 03/29/25 09:38 | 1       |
| trans-1,2-Dichloroethene    | <1.00     |              | 1.00 | 0.270 | ug/L |   |          | 03/29/25 09:38 | 1       |
| trans-1,3-Dichloropropene   | <5.00     |              | 5.00 | 0.560 | ug/L |   |          | 03/29/25 09:38 | 1       |
| trans-1,4-Dichloro-2-butene | <10.0     |              | 10.0 | 1.10  | ug/L |   |          | 03/29/25 09:38 | 1       |
| 1,1,1-Trichloroethane       | <1.00     |              | 1.00 | 0.190 | ug/L |   |          | 03/29/25 09:38 | 1       |
| 1,1,2-Trichloroethane       | <1.00     |              | 1.00 | 0.450 | ug/L |   |          | 03/29/25 09:38 | 1       |
| Trichloroethene             | <1.00     |              | 1.00 | 0.430 | ug/L |   |          | 03/29/25 09:38 | 1       |
| Trichlorofluoromethane      | <4.00     |              | 4.00 | 0.380 | ug/L |   |          | 03/29/25 09:38 | 1       |
| 1,2,3-Trichloropropane      | <1.00     |              | 1.00 | 0.590 | ug/L |   |          | 03/29/25 09:38 | 1       |
| Vinyl acetate               | <10.0     |              | 10.0 | 2.50  | ug/L |   |          | 03/29/25 09:38 | 1       |
| Vinyl chloride              | <1.00     |              | 1.00 | 0.180 | ug/L |   |          | 03/29/25 09:38 | 1       |
| Xylenes, Total              | <3.00     |              | 3.00 | 0.400 | ug/L |   |          | 03/29/25 09:38 | 1       |

| Surrogate                   | MB %Recovery | MB Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|-----------------------------|--------------|--------------|----------|----------|----------------|---------|
| Dibromofluoromethane (Surr) | 103          |              | 73 - 130 |          | 03/29/25 09:38 | 1       |
| Toluene-d8 (Surr)           | 99           |              | 80 - 120 |          | 03/29/25 09:38 | 1       |
| 4-Bromofluorobenzene (Surr) | 104          |              | 80 - 120 |          | 03/29/25 09:38 | 1       |

Eurofins Cedar Falls

# QC Sample Results

Client: SCS Engineers

Job ID: 310-302891-1

Project/Site: Clinton County South 1st 2025 GW Sampling

Event

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

Lab Sample ID: LCS 310-450083/7

Matrix: Water

Analysis Batch: 450083

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                     | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|-----------------------------|-------------|------------|---------------|------|---|------|-------------|
| 2-Butanone (MEK)            | 40.0        | 35.04      |               | ug/L |   | 88   | 50 - 150    |
| Acetone                     | 40.0        | 35.72      |               | ug/L |   | 89   | 50 - 150    |
| Acrylonitrile               | 200         | 168.0      |               | ug/L |   | 84   | 50 - 150    |
| 1,2-Dibromo-3-Chloropropane | 20.0        | 16.47      |               | ug/L |   | 82   | 50 - 150    |
| Benzene                     | 20.0        | 18.02      |               | ug/L |   | 90   | 72 - 124    |
| 1,2-Dibromoethane (EDB)     | 20.0        | 18.42      |               | ug/L |   | 92   | 75 - 125    |
| Bromochloromethane          | 20.0        | 17.76      |               | ug/L |   | 89   | 73 - 130    |
| Bromodichloromethane        | 20.0        | 17.25      |               | ug/L |   | 86   | 74 - 122    |
| Bromoform                   | 20.0        | 16.71      |               | ug/L |   | 84   | 61 - 122    |
| 1,2-Dichlorobenzene         | 20.0        | 18.20      |               | ug/L |   | 91   | 74 - 120    |
| 1,4-Dichlorobenzene         | 20.0        | 18.02      |               | ug/L |   | 90   | 72 - 120    |
| Carbon disulfide            | 20.0        | 18.19      |               | ug/L |   | 91   | 59 - 135    |
| 1,1-Dichloroethane          | 20.0        | 18.31      |               | ug/L |   | 92   | 70 - 127    |
| Carbon tetrachloride        | 20.0        | 18.12      |               | ug/L |   | 91   | 67 - 132    |
| 1,2-Dichloroethane          | 20.0        | 17.58      |               | ug/L |   | 88   | 71 - 125    |
| Chlorobenzene               | 20.0        | 17.74      |               | ug/L |   | 89   | 76 - 120    |
| 1,1-Dichloroethene          | 20.0        | 18.82      |               | ug/L |   | 94   | 63 - 132    |
| Chlorodibromomethane        | 20.0        | 17.13      |               | ug/L |   | 86   | 71 - 121    |
| 1,2-Dichloropropane         | 20.0        | 17.00      |               | ug/L |   | 85   | 73 - 124    |
| Chloroform                  | 20.0        | 18.91      |               | ug/L |   | 95   | 72 - 125    |
| 2-Hexanone                  | 40.0        | 34.98      |               | ug/L |   | 87   | 60 - 140    |
| cis-1,2-Dichloroethene      | 20.0        | 18.09      |               | ug/L |   | 90   | 74 - 123    |
| cis-1,3-Dichloropropene     | 20.0        | 16.90      |               | ug/L |   | 84   | 71 - 125    |
| 4-Methyl-2-pentanone (MIBK) | 40.0        | 34.51      |               | ug/L |   | 86   | 60 - 139    |
| Dibromomethane              | 20.0        | 18.29      |               | ug/L |   | 91   | 74 - 125    |
| Ethylbenzene                | 20.0        | 18.36      |               | ug/L |   | 92   | 74 - 122    |
| 1,1,1,2-Tetrachloroethane   | 20.0        | 17.63      |               | ug/L |   | 88   | 71 - 120    |
| Methylene Chloride          | 20.0        | 18.43      |               | ug/L |   | 92   | 50 - 150    |
| 1,1,2,2-Tetrachloroethane   | 20.0        | 18.05      |               | ug/L |   | 90   | 68 - 124    |
| Styrene                     | 20.0        | 18.07      |               | ug/L |   | 90   | 74 - 121    |
| Tetrachloroethene           | 20.0        | 18.01      |               | ug/L |   | 90   | 71 - 130    |
| Toluene                     | 20.0        | 18.41      |               | ug/L |   | 92   | 74 - 123    |
| trans-1,2-Dichloroethene    | 20.0        | 18.46      |               | ug/L |   | 92   | 70 - 126    |
| trans-1,3-Dichloropropene   | 20.0        | 16.08      |               | ug/L |   | 80   | 69 - 123    |
| trans-1,4-Dichloro-2-butene | 20.0        | 16.76      |               | ug/L |   | 84   | 50 - 150    |
| 1,1,1-Trichloroethane       | 20.0        | 18.39      |               | ug/L |   | 92   | 73 - 129    |
| 1,1,2-Trichloroethane       | 20.0        | 17.46      |               | ug/L |   | 87   | 73 - 123    |
| Trichloroethene             | 20.0        | 18.80      |               | ug/L |   | 94   | 72 - 126    |
| 1,2,3-Trichloropropane      | 20.0        | 17.36      |               | ug/L |   | 87   | 65 - 127    |
| Vinyl acetate               | 40.0        | 32.40      |               | ug/L |   | 81   | 50 - 150    |
| Xylenes, Total              | 40.0        | 35.59      |               | ug/L |   | 89   | 73 - 123    |

| Surrogate                   | LCS %Recovery | LCS Qualifier | Limits   |
|-----------------------------|---------------|---------------|----------|
| Dibromofluoromethane (Surr) | 95            |               | 73 - 130 |
| Toluene-d8 (Surr)           | 100           |               | 80 - 120 |
| 4-Bromofluorobenzene (Surr) | 100           |               | 80 - 120 |

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# QC Sample Results

Client: SCS Engineers

Job ID: 310-302891-1

Project/Site: Clinton County South 1st 2025 GW Sampling

Event

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

Lab Sample ID: LCS 310-450083/8

Matrix: Water

Analysis Batch: 450083

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        | 16.55      |               | ug/L |   | 83   | 23 - 150    |
| Chloroethane           | 20.0        | 17.39      |               | ug/L |   | 87   | 54 - 136    |
| Chloromethane          | 20.0        | 16.10      |               | ug/L |   | 81   | 38 - 150    |
| Trichlorofluoromethane | 20.0        | 20.11      |               | ug/L |   | 101  | 54 - 149    |
| Vinyl chloride         | 20.0        | 20.44      |               | ug/L |   | 102  | 56 - 140    |

| Surrogate                   | LCS %Recovery | LCS Qualifier | Limits   |
|-----------------------------|---------------|---------------|----------|
| Dibromofluoromethane (Surr) | 106           |               | 73 - 130 |
| Toluene-d8 (Surr)           | 98            |               | 80 - 120 |
| 4-Bromofluorobenzene (Surr) | 102           |               | 80 - 120 |

Lab Sample ID: MB 310-450349/6

Matrix: Water

Analysis Batch: 450349

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte     | MB Result | MB Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|-------------|-----------|--------------|------|------|------|---|----------|----------------|---------|
| Iodomethane | <10.0     |              | 10.0 | 7.00 | ug/L |   |          | 04/01/25 12:42 | 1       |

| Surrogate                   | MB %Recovery | MB Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|-----------------------------|--------------|--------------|----------|----------|----------------|---------|
| Dibromofluoromethane (Surr) | 105          |              | 73 - 130 |          | 04/01/25 12:42 | 1       |
| Toluene-d8 (Surr)           | 94           |              | 80 - 120 |          | 04/01/25 12:42 | 1       |
| 4-Bromofluorobenzene (Surr) | 105          |              | 80 - 120 |          | 04/01/25 12:42 | 1       |

Lab Sample ID: LCS 310-450349/7

Matrix: Water

Analysis Batch: 450349

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte     | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|-------------|-------------|------------|---------------|------|---|------|-------------|
| Iodomethane | 20.0        | 15.27      |               | ug/L |   | 76   | 10 - 150    |

| Surrogate                   | LCS %Recovery | LCS Qualifier | Limits   |
|-----------------------------|---------------|---------------|----------|
| Dibromofluoromethane (Surr) | 94            |               | 73 - 130 |
| Toluene-d8 (Surr)           | 102           |               | 80 - 120 |
| 4-Bromofluorobenzene (Surr) | 104           |               | 80 - 120 |

Lab Sample ID: LCS 310-450349/8

Matrix: Water

Analysis Batch: 450349

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|------------------------|-------------|------------|---------------|------|---|------|-------------|
| Bromomethane           | 20.0        | 13.21      |               | ug/L |   | 66   | 23 - 150    |
| Chloroethane           | 20.0        | 16.06      |               | ug/L |   | 80   | 54 - 136    |
| Chloromethane          | 20.0        | 17.72      |               | ug/L |   | 89   | 38 - 150    |
| Trichlorofluoromethane | 20.0        | 16.89      |               | ug/L |   | 84   | 54 - 149    |
| Vinyl chloride         | 20.0        | 16.73      |               | ug/L |   | 84   | 56 - 140    |

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# QC Sample Results

Client: SCS Engineers  
Project/Site: Clinton County South 1st 2025 GW Sampling  
Event

Job ID: 310-302891-1

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

Lab Sample ID: LCS 310-450349/8

Matrix: Water

Analysis Batch: 450349

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

|                             | LCS       | LCS       |          |
|-----------------------------|-----------|-----------|----------|
| Surrogate                   | %Recovery | Qualifier | Limits   |
| Dibromofluoromethane (Surr) | 110       |           | 73 - 130 |
| Toluene-d8 (Surr)           | 96        |           | 80 - 120 |
| 4-Bromofluorobenzene (Surr) | 107       |           | 80 - 120 |

Lab Sample ID: 310-302891-2 MS

Matrix: Groundwater

Analysis Batch: 450349

Client Sample ID: MW-05-8R

Prep Type: Total/NA

|             | Sample | Sample    | Spike | MS     | MS        |      |   |      | %Rec     |  |
|-------------|--------|-----------|-------|--------|-----------|------|---|------|----------|--|
| Analyte     | Result | Qualifier | Added | Result | Qualifier | Unit | D | %Rec | Limits   |  |
| Iodomethane | <10.0  |           | 25.0  | 20.37  |           | ug/L |   | 81   | 10 - 150 |  |

|                             | MS        | MS        |          |
|-----------------------------|-----------|-----------|----------|
| Surrogate                   | %Recovery | Qualifier | Limits   |
| Dibromofluoromethane (Surr) | 94        |           | 73 - 130 |
| Toluene-d8 (Surr)           | 99        |           | 80 - 120 |
| 4-Bromofluorobenzene (Surr) | 101       |           | 80 - 120 |

Lab Sample ID: 310-302891-2 MSD

Matrix: Groundwater

Analysis Batch: 450349

Client Sample ID: MW-05-8R

Prep Type: Total/NA

|             | Sample | Sample    | Spike | MSD    | MSD       |      |   |      | %Rec     |     | RPD   |  |
|-------------|--------|-----------|-------|--------|-----------|------|---|------|----------|-----|-------|--|
| Analyte     | Result | Qualifier | Added | Result | Qualifier | Unit | D | %Rec | Limits   | RPD | Limit |  |
| Iodomethane | <10.0  |           | 25.0  | 20.97  |           | ug/L |   | 84   | 10 - 150 | 3   | 35    |  |

|                             | MSD       | MSD       |          |
|-----------------------------|-----------|-----------|----------|
| Surrogate                   | %Recovery | Qualifier | Limits   |
| Dibromofluoromethane (Surr) | 95        |           | 73 - 130 |
| Toluene-d8 (Surr)           | 100       |           | 80 - 120 |
| 4-Bromofluorobenzene (Surr) | 97        |           | 80 - 120 |

## Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 310-450191/1-A

Matrix: Water

Analysis Batch: 450359

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 450191

|                     | MB     | MB        |      |       |      |   |                |                |         |  |  |
|---------------------|--------|-----------|------|-------|------|---|----------------|----------------|---------|--|--|
| Analyte             | Result | Qualifier | RL   | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |  |  |
| Methylphenol, 3 & 4 | <10.0  |           | 10.0 | 0.700 | ug/L |   | 03/31/25 09:00 | 04/02/25 00:31 | 1       |  |  |

|                             | MB        | MB        |          |                |                |         |  |  |  |  |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|--|--|--|--|
| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |  |  |  |  |
| 2-Fluorophenol (Surr)       | 75        |           | 25 - 110 | 03/31/25 09:00 | 04/02/25 00:31 | 1       |  |  |  |  |
| Phenol-d5 (Surr)            | 61        |           | 21 - 110 | 03/31/25 09:00 | 04/02/25 00:31 | 1       |  |  |  |  |
| 2,4,6-Tribromophenol (Surr) | 88        |           | 27 - 136 | 03/31/25 09:00 | 04/02/25 00:31 | 1       |  |  |  |  |

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# QC Sample Results

Client: SCS Engineers  
Project/Site: Clinton County South 1st 2025 GW Sampling  
Event

Job ID: 310-302891-1

## Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 310-450191/2-A

Matrix: Water

Analysis Batch: 450359

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 450191

| Analyte             | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------------------|-------------|------------|---------------|------|---|------|-------------|
| Methylphenol, 3 & 4 | 100         | 75.09      |               | ug/L |   | 75   | 46 - 117    |

|                             | LCS %Recovery | LCS Qualifier | Limits   |
|-----------------------------|---------------|---------------|----------|
| Surrogate                   |               |               |          |
| 2-Fluorophenol (Surr)       | 59            |               | 25 - 110 |
| Phenol-d5 (Surr)            | 45            |               | 21 - 110 |
| 2,4,6-Tribromophenol (Surr) | 78            |               | 27 - 136 |

Lab Sample ID: LCSD 310-450191/3-A

Matrix: Water

Analysis Batch: 450359

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 450191

| Analyte             | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| Methylphenol, 3 & 4 | 100         | 86.47       |                | ug/L |   | 86   | 46 - 117    | 14  | 35        |

|                             | LCSD %Recovery | LCSD Qualifier | Limits   |
|-----------------------------|----------------|----------------|----------|
| Surrogate                   |                |                |          |
| 2-Fluorophenol (Surr)       | 67             |                | 25 - 110 |
| Phenol-d5 (Surr)            | 50             |                | 21 - 110 |
| 2,4,6-Tribromophenol (Surr) | 83             |                | 27 - 136 |

## 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 |
|---------|-----------|--------------|-------|-------|------|---|----------------|----------------|---------|
| 2,4-D   | <0.600    |              | 0.600 | 0.250 | ug/L |   | 04/01/25 15:00 | 04/02/25 07:10 | 1       |

|           | MB %Recovery | MB Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------|--------------|--------------|----------|----------------|----------------|---------|
| Surrogate |              |              |          |                |                |         |
| DCAA      | 68           |              | 34 - 142 | 04/01/25 15:00 | 04/02/25 07:10 | 1       |
| DCAA      | 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    |

|           | LCS %Recovery | LCS Qualifier | Limits   |
|-----------|---------------|---------------|----------|
| Surrogate |               |               |          |
| DCAA      | 73            |               | 34 - 142 |
| DCAA      | 72            |               | 34 - 142 |

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# QC Sample Results

Client: SCS Engineers  
Project/Site: Clinton County South 1st 2025 GW Sampling  
Event

Job ID: 310-302891-1

## Method: 8151A - Herbicides (GC) (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 |
|-----------|----------------|----------------|----------------|------|---|------|-------------|-----|-----------|
| 2,4-D     | 2.00           | 1.584          |                | ug/L |   | 79   | 53 - 159    | 5   | 30        |
|           |                |                |                |      |   |      |             |     |           |
| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits         |      |   |      |             |     |           |
| DCAA      | 79             |                | 34 - 142       |      |   |      |             |     |           |
| DCAA      | 76             |                | 34 - 142       |      |   |      |             |     |           |

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

Lab Sample ID: MB 310-450105/1-A

Matrix: Water

Analysis Batch: 450427

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 450105

| Analyte   | MB Result | MB Qualifier | RL       | MDL      | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------|-----------|--------------|----------|----------|------|---|----------------|----------------|---------|
| Antimony  | <0.00200  |              | 0.00200  | 0.00100  | mg/L |   | 03/31/25 08:30 | 04/01/25 15:32 | 1       |
| Arsenic   | <0.00200  |              | 0.00200  | 0.000530 | mg/L |   | 03/31/25 08:30 | 04/01/25 15:32 | 1       |
| Barium    | <0.00200  |              | 0.00200  | 0.000660 | mg/L |   | 03/31/25 08:30 | 04/01/25 15:32 | 1       |
| Beryllium | <0.00100  |              | 0.00100  | 0.000330 | mg/L |   | 03/31/25 08:30 | 04/01/25 15:32 | 1       |
| Cadmium   | <0.000200 |              | 0.000200 | 0.000100 | mg/L |   | 03/31/25 08:30 | 04/01/25 15:32 | 1       |
| Chromium  | <0.00500  |              | 0.00500  | 0.00180  | mg/L |   | 03/31/25 08:30 | 04/01/25 15:32 | 1       |
| Cobalt    | <0.000500 |              | 0.000500 | 0.000170 | mg/L |   | 03/31/25 08:30 | 04/01/25 15:32 | 1       |
| Lead      | <0.000500 |              | 0.000500 | 0.000330 | mg/L |   | 03/31/25 08:30 | 04/01/25 15:32 | 1       |
| Nickel    | <0.00500  |              | 0.00500  | 0.00230  | mg/L |   | 03/31/25 08:30 | 04/01/25 15:32 | 1       |
| Selenium  | <0.00500  |              | 0.00500  | 0.00140  | mg/L |   | 03/31/25 08:30 | 04/01/25 15:32 | 1       |
| Silver    | <0.00100  |              | 0.00100  | 0.000500 | mg/L |   | 03/31/25 08:30 | 04/01/25 15:32 | 1       |
| Thallium  | <0.00100  |              | 0.00100  | 0.000570 | mg/L |   | 03/31/25 08:30 | 04/01/25 15:32 | 1       |
| Vanadium  | <0.00500  |              | 0.00500  | 0.00170  | mg/L |   | 03/31/25 08:30 | 04/01/25 15:32 | 1       |
| Zinc      | <0.0200   |              | 0.0200   | 0.0130   | mg/L |   | 03/31/25 08:30 | 04/01/25 15:32 | 1       |

Lab Sample ID: MB 310-450105/1-A

Matrix: Water

Analysis Batch: 450543

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 450105

| Analyte | MB Result | MB Qualifier | RL      | MDL     | Unit | D | Prepared       | Analyzed       | Dil Fac |
|---------|-----------|--------------|---------|---------|------|---|----------------|----------------|---------|
| Copper  | <0.00500  |              | 0.00500 | 0.00320 | mg/L |   | 03/31/25 08:30 | 04/02/25 13:34 | 1       |

Lab Sample ID: LCS 310-450105/2-A

Matrix: Water

Analysis Batch: 450427

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 450105

| Analyte   | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|-----------|-------------|------------|---------------|------|---|------|-------------|
| Antimony  | 0.200       | 0.2220     |               | mg/L |   | 111  | 80 - 120    |
| Arsenic   | 0.200       | 0.2055     |               | mg/L |   | 103  | 80 - 120    |
| Barium    | 0.100       | 0.1001     |               | mg/L |   | 100  | 80 - 120    |
| Beryllium | 0.100       | 0.09503    |               | mg/L |   | 95   | 80 - 120    |
| Cadmium   | 0.100       | 0.09918    |               | mg/L |   | 99   | 80 - 120    |
| Chromium  | 0.100       | 0.1008     |               | mg/L |   | 101  | 80 - 120    |
| Cobalt    | 0.100       | 0.1093     |               | mg/L |   | 109  | 80 - 120    |
| Lead      | 0.200       | 0.2081     |               | mg/L |   | 104  | 80 - 120    |

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# QC Sample Results

Client: SCS Engineers

Job ID: 310-302891-1

Project/Site: Clinton County South 1st 2025 GW Sampling

Event

## Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 310-450105/2-A

Matrix: Water

Analysis Batch: 450427

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 450105

| Analyte  | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |          |
|----------|-------------|------------|---------------|------|---|------|-------------|----------|
|          |             |            |               |      |   |      |             |          |
| Nickel   | 0.200       | 0.2046     |               | mg/L |   | 102  |             | 80 - 120 |
| Selenium | 0.400       | 0.3827     |               | mg/L |   | 96   |             | 80 - 120 |
| Silver   | 0.100       | 0.1038     |               | mg/L |   | 104  |             | 80 - 120 |
| Thallium | 0.100       | 0.09103    |               | mg/L |   | 91   |             | 80 - 120 |
| Vanadium | 0.100       | 0.09854    |               | mg/L |   | 99   |             | 80 - 120 |
| Zinc     | 0.200       | 0.1884     |               | mg/L |   | 94   |             | 80 - 120 |

Lab Sample ID: LCS 310-450105/2-A

Matrix: Water

Analysis Batch: 450543

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 450105

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |          |
|---------|-------------|------------|---------------|------|---|------|-------------|----------|
|         |             |            |               |      |   |      |             |          |
| Copper  | 0.200       | 0.2058     |               | mg/L |   | 103  |             | 80 - 120 |

Lab Sample ID: 310-302891-7 MS

Matrix: Groundwater

Analysis Batch: 450427

Client Sample ID: MW-41

Prep Type: Total/NA

Prep Batch: 450105

| Analyte   | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |          |
|-----------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|----------|
|           |               |                  |             |           |              |      |   |      |             |          |
| Antimony  | <0.00200      |                  | 0.200       | 0.2239    |              | mg/L |   | 112  |             | 75 - 125 |
| Arsenic   | 0.00262       |                  | 0.200       | 0.2108    |              | mg/L |   | 104  |             | 75 - 125 |
| Barium    | 0.162         |                  | 0.100       | 0.2603    |              | mg/L |   | 98   |             | 75 - 125 |
| Beryllium | <0.00100      |                  | 0.100       | 0.1009    |              | mg/L |   | 101  |             | 75 - 125 |
| Cadmium   | <0.000200     |                  | 0.100       | 0.09705   |              | mg/L |   | 97   |             | 75 - 125 |
| Chromium  | <0.00500      |                  | 0.100       | 0.1011    |              | mg/L |   | 101  |             | 75 - 125 |
| Cobalt    | 0.000417      | J                | 0.100       | 0.1049    |              | mg/L |   | 104  |             | 75 - 125 |
| Lead      | <0.000500     |                  | 0.200       | 0.2127    |              | mg/L |   | 106  |             | 75 - 125 |
| Nickel    | <0.00500      |                  | 0.200       | 0.1972    |              | mg/L |   | 99   |             | 75 - 125 |
| Selenium  | <0.00500      |                  | 0.400       | 0.3878    |              | mg/L |   | 97   |             | 75 - 125 |
| Silver    | <0.00100      |                  | 0.100       | 0.1032    |              | mg/L |   | 103  |             | 75 - 125 |
| Thallium  | <0.00100      |                  | 0.100       | 0.07649   |              | mg/L |   | 76   |             | 75 - 125 |
| Vanadium  | <0.00500      |                  | 0.100       | 0.09882   |              | mg/L |   | 99   |             | 75 - 125 |
| Zinc      | <0.0200       |                  | 0.200       | 0.1912    |              | mg/L |   | 96   |             | 75 - 125 |

Lab Sample ID: 310-302891-7 MS

Matrix: Groundwater

Analysis Batch: 450543

Client Sample ID: MW-41

Prep Type: Total/NA

Prep Batch: 450105

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |          |
|---------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|----------|
|         |               |                  |             |           |              |      |   |      |             |          |
| Copper  | <0.00500      |                  | 0.200       | 0.1982    |              | mg/L |   | 99   |             | 75 - 125 |

Lab Sample ID: 310-302891-7 MSD

Matrix: Groundwater

Analysis Batch: 450427

Client Sample ID: MW-41

Prep Type: Total/NA

Prep Batch: 450105

| Analyte  | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits |  | RPD |       |
|----------|---------------|------------------|-------------|------------|---------------|------|---|------|-------------|--|-----|-------|
|          |               |                  |             |            |               |      |   |      |             |  | RPD | Limit |
| Antimony | <0.00200      |                  | 0.200       | 0.2372     |               | mg/L |   | 119  |             |  | 6   | 20    |
| Arsenic  | 0.00262       |                  | 0.200       | 0.2187     |               | mg/L |   | 108  |             |  | 4   | 20    |
| Barium   | 0.162         |                  | 0.100       | 0.2761     |               | mg/L |   | 114  |             |  | 6   | 20    |

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# QC Sample Results

Client: SCS Engineers

Job ID: 310-302891-1

Project/Site: Clinton County South 1st 2025 GW Sampling

Event

## Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 310-302891-7 MSD

Matrix: Groundwater

Analysis Batch: 450427

Client Sample ID: MW-41

Prep Type: Total/NA

Prep Batch: 450105

| Analyte   | Sample    | Sample    | Spike | MSD     | MSD       | Unit | D | %Rec | %Rec     | RPD | Limit |
|-----------|-----------|-----------|-------|---------|-----------|------|---|------|----------|-----|-------|
|           | Result    | Qualifier | Added | Result  | Qualifier |      |   |      | Limits   |     |       |
| Beryllium | <0.00100  |           | 0.100 | 0.1028  |           | mg/L |   | 103  | 75 - 125 | 2   | 20    |
| Cadmium   | <0.000200 |           | 0.100 | 0.1015  |           | mg/L |   | 102  | 75 - 125 | 5   | 20    |
| Chromium  | <0.00500  |           | 0.100 | 0.1049  |           | mg/L |   | 105  | 75 - 125 | 4   | 20    |
| Cobalt    | 0.000417  | J         | 0.100 | 0.1085  |           | mg/L |   | 108  | 75 - 125 | 3   | 20    |
| Lead      | <0.000500 |           | 0.200 | 0.2129  |           | mg/L |   | 106  | 75 - 125 | 0   | 20    |
| Nickel    | <0.00500  |           | 0.200 | 0.2045  |           | mg/L |   | 102  | 75 - 125 | 4   | 20    |
| Selenium  | <0.00500  |           | 0.400 | 0.4024  |           | mg/L |   | 101  | 75 - 125 | 4   | 20    |
| Silver    | <0.00100  |           | 0.100 | 0.1062  |           | mg/L |   | 106  | 75 - 125 | 3   | 20    |
| Thallium  | <0.00100  |           | 0.100 | 0.08300 |           | mg/L |   | 83   | 75 - 125 | 8   | 20    |
| Vanadium  | <0.00500  |           | 0.100 | 0.1035  |           | mg/L |   | 104  | 75 - 125 | 5   | 20    |
| Zinc      | <0.0200   |           | 0.200 | 0.1996  |           | mg/L |   | 100  | 75 - 125 | 4   | 20    |

Lab Sample ID: 310-302891-7 MSD

Matrix: Groundwater

Analysis Batch: 450543

Client Sample ID: MW-41

Prep Type: Total/NA

Prep Batch: 450105

| Analyte | Sample   | Sample    | Spike | MSD    | MSD       | Unit | D | %Rec | %Rec     | RPD | Limit |
|---------|----------|-----------|-------|--------|-----------|------|---|------|----------|-----|-------|
|         | Result   | Qualifier | Added | Result | Qualifier |      |   |      | Limits   |     |       |
| Copper  | <0.00500 |           | 0.200 | 0.2039 |           | mg/L |   | 102  | 75 - 125 | 3   | 20    |

Lab Sample ID: 310-302891-8 DU

Matrix: Groundwater

Analysis Batch: 450427

Client Sample ID: MW-42

Prep Type: Total/NA

Prep Batch: 450105

| Analyte   | Sample    | Sample    | DU        |           | Unit | D | RPD | Limit |
|-----------|-----------|-----------|-----------|-----------|------|---|-----|-------|
|           | Result    | Qualifier | Result    | Qualifier |      |   |     |       |
| Antimony  | <0.00200  |           | <0.00200  |           | mg/L |   | NC  | 20    |
| Arsenic   | <0.00200  |           | <0.00200  |           | mg/L |   | NC  | 20    |
| Barium    | 0.176     |           | 0.1802    |           | mg/L |   | 3   | 20    |
| Beryllium | <0.00100  |           | <0.00100  |           | mg/L |   | NC  | 20    |
| Cadmium   | <0.000200 |           | <0.000200 |           | mg/L |   | NC  | 20    |
| Chromium  | 0.00220   | J         | 0.002214  | J         | mg/L |   | 0.6 | 20    |
| Cobalt    | 0.000186  | J         | 0.0001830 | J         | mg/L |   | 2   | 20    |
| Lead      | 0.000419  | J         | 0.0008040 | F5        | mg/L |   | 63  | 20    |
| Nickel    | <0.00500  |           | <0.00500  |           | mg/L |   | NC  | 20    |
| Selenium  | <0.00500  |           | <0.00500  |           | mg/L |   | NC  | 20    |
| Silver    | <0.00100  |           | <0.00100  |           | mg/L |   | NC  | 20    |
| Thallium  | <0.00100  |           | <0.00100  |           | mg/L |   | NC  | 20    |
| Vanadium  | <0.00500  |           | <0.00500  |           | mg/L |   | NC  | 20    |
| Zinc      | <0.0200   |           | <0.0200   |           | mg/L |   | NC  | 20    |

Lab Sample ID: 310-302891-8 DU

Matrix: Groundwater

Analysis Batch: 450543

Client Sample ID: MW-42

Prep Type: Total/NA

Prep Batch: 450105

| Analyte | Sample   | Sample    | DU       |           | Unit | D | RPD | Limit |
|---------|----------|-----------|----------|-----------|------|---|-----|-------|
|         | Result   | Qualifier | Result   | Qualifier |      |   |     |       |
| Copper  | <0.00500 |           | <0.00500 |           | mg/L |   | NC  | 20    |

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# QC Sample Results

Client: SCS Engineers

Job ID: 310-302891-1

Project/Site: Clinton County South 1st 2025 GW Sampling

Event

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

Lab Sample ID: MB 310-450030/1

Matrix: Water

Analysis Batch: 450030

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                | MB<br>Result | MB<br>Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------|--------------|-----------------|------|------|------|---|----------|----------------|---------|
| Total Suspended Solids | <5.00        |                 | 5.00 | 3.50 | mg/L |   |          | 03/28/25 07:41 | 1       |

Lab Sample ID: LCS 310-450030/2

Matrix: Water

Analysis Batch: 450030

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                | Spike<br>Added | LCS<br>Result | LCS<br>Qualifier | Unit | D | %Rec | %Rec<br>Limits |
|------------------------|----------------|---------------|------------------|------|---|------|----------------|
| Total Suspended Solids | 100            | 96.00         |                  | mg/L |   | 96   | 81 - 116       |

Lab Sample ID: MB 310-450067/1

Matrix: Water

Analysis Batch: 450067

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                | MB<br>Result | MB<br>Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------|--------------|-----------------|------|------|------|---|----------|----------------|---------|
| Total Suspended Solids | <5.00        |                 | 5.00 | 3.50 | mg/L |   |          | 03/28/25 11:09 | 1       |

Lab Sample ID: LCS 310-450067/2

Matrix: Water

Analysis Batch: 450067

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                | Spike<br>Added | LCS<br>Result | LCS<br>Qualifier | Unit | D | %Rec | %Rec<br>Limits |
|------------------------|----------------|---------------|------------------|------|---|------|----------------|
| Total Suspended Solids | 100            | 98.00         |                  | mg/L |   | 98   | 81 - 116       |

Lab Sample ID: 310-302891-9 DU

Matrix: Groundwater

Analysis Batch: 450067

Client Sample ID: MW-90-11

Prep Type: Total/NA

| Analyte                | Sample<br>Result | Sample<br>Qualifier | DU<br>Result | DU<br>Qualifier | Unit | D | RPD | RPD<br>Limit |
|------------------------|------------------|---------------------|--------------|-----------------|------|---|-----|--------------|
| Total Suspended Solids | 24.0             |                     | 28.50        |                 | mg/L |   | 17  | 35           |

Lab Sample ID: 310-302891-11 DU

Matrix: Groundwater

Analysis Batch: 450067

Client Sample ID: MW-24

Prep Type: Total/NA

| Analyte                | Sample<br>Result | Sample<br>Qualifier | DU<br>Result | DU<br>Qualifier | Unit | D | RPD | RPD<br>Limit |
|------------------------|------------------|---------------------|--------------|-----------------|------|---|-----|--------------|
| Total Suspended Solids | 90.0             |                     | 88.00        |                 | mg/L |   | 2   | 35           |

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## QC Association Summary

Client: SCS Engineers

Job ID: 310-302891-1

Project/Site: Clinton County South 1st 2025 GW Sampling  
Event

### GC/MS VOA

#### Analysis Batch: 450081

| Lab Sample ID    | Client Sample ID   | Prep Type | Matrix      | Method | Prep Batch |
|------------------|--------------------|-----------|-------------|--------|------------|
| 310-302891-1     | MW-05-02           | Total/NA  | Groundwater | 8260D  |            |
| 310-302891-2     | MW-05-8R           | Total/NA  | Groundwater | 8260D  |            |
| 310-302891-3     | MW-19              | Total/NA  | Groundwater | 8260D  |            |
| 310-302891-4     | MW-29              | Total/NA  | Groundwater | 8260D  |            |
| 310-302891-5     | MW-39              | Total/NA  | Groundwater | 8260D  |            |
| 310-302891-6     | MW-40              | Total/NA  | Groundwater | 8260D  |            |
| 310-302891-7     | MW-41              | Total/NA  | Groundwater | 8260D  |            |
| 310-302891-8     | MW-42              | Total/NA  | Groundwater | 8260D  |            |
| 310-302891-9     | MW-90-11           | Total/NA  | Groundwater | 8260D  |            |
| 310-302891-10    | MW-20              | Total/NA  | Groundwater | 8260D  |            |
| 310-302891-11    | MW-24              | Total/NA  | Groundwater | 8260D  |            |
| 310-302891-12    | MW-32              | Total/NA  | Groundwater | 8260D  |            |
| MB 310-450081/6  | Method Blank       | Total/NA  | Water       | 8260D  |            |
| LCS 310-450081/7 | Lab Control Sample | Total/NA  | Water       | 8260D  |            |
| LCS 310-450081/8 | Lab Control Sample | Total/NA  | Water       | 8260D  |            |
| 310-302891-1 MS  | MW-05-02           | Total/NA  | Groundwater | 8260D  |            |
| 310-302891-1 MSD | MW-05-02           | Total/NA  | Groundwater | 8260D  |            |

#### Analysis Batch: 450083

| Lab Sample ID    | Client Sample ID   | Prep Type | Matrix      | Method | Prep Batch |
|------------------|--------------------|-----------|-------------|--------|------------|
| 310-302891-14    | MW-D1              | Total/NA  | Groundwater | 8260D  |            |
| 310-302891-15    | MW-D2              | Total/NA  | Groundwater | 8260D  |            |
| 310-302891-16    | Trip Blank 1       | Total/NA  | Trip Blank  | 8260D  |            |
| 310-302891-17    | Trip Blank 2       | Total/NA  | Trip Blank  | 8260D  |            |
| 310-302891-18    | Trip Blank 3       | Total/NA  | Trip Blank  | 8260D  |            |
| MB 310-450083/6  | Method Blank       | Total/NA  | Water       | 8260D  |            |
| LCS 310-450083/7 | Lab Control Sample | Total/NA  | Water       | 8260D  |            |
| LCS 310-450083/8 | Lab Control Sample | Total/NA  | Water       | 8260D  |            |

#### Analysis Batch: 450349

| Lab Sample ID    | Client Sample ID   | Prep Type | Matrix      | Method | Prep Batch |
|------------------|--------------------|-----------|-------------|--------|------------|
| 310-302891-1     | MW-05-02           | Total/NA  | Groundwater | 8260D  |            |
| 310-302891-2     | MW-05-8R           | Total/NA  | Groundwater | 8260D  |            |
| 310-302891-3     | MW-19              | Total/NA  | Groundwater | 8260D  |            |
| 310-302891-4     | MW-29              | Total/NA  | Groundwater | 8260D  |            |
| 310-302891-5     | MW-39              | Total/NA  | Groundwater | 8260D  |            |
| 310-302891-6     | MW-40              | Total/NA  | Groundwater | 8260D  |            |
| 310-302891-7     | MW-41              | Total/NA  | Groundwater | 8260D  |            |
| 310-302891-8     | MW-42              | Total/NA  | Groundwater | 8260D  |            |
| 310-302891-9     | MW-90-11           | Total/NA  | Groundwater | 8260D  |            |
| 310-302891-10    | MW-20              | Total/NA  | Groundwater | 8260D  |            |
| 310-302891-11    | MW-24              | Total/NA  | Groundwater | 8260D  |            |
| 310-302891-12    | MW-32              | Total/NA  | Groundwater | 8260D  |            |
| 310-302891-14    | MW-D1              | Total/NA  | Groundwater | 8260D  |            |
| 310-302891-15    | MW-D2              | Total/NA  | Groundwater | 8260D  |            |
| 310-302891-16    | Trip Blank 1       | Total/NA  | Trip Blank  | 8260D  |            |
| 310-302891-17    | Trip Blank 2       | Total/NA  | Trip Blank  | 8260D  |            |
| 310-302891-18    | Trip Blank 3       | Total/NA  | Trip Blank  | 8260D  |            |
| MB 310-450349/6  | Method Blank       | Total/NA  | Water       | 8260D  |            |
| LCS 310-450349/7 | Lab Control Sample | Total/NA  | Water       | 8260D  |            |

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## QC Association Summary

Client: SCS Engineers  
Project/Site: Clinton County South 1st 2025 GW Sampling  
Event

Job ID: 310-302891-1

### GC/MS VOA (Continued)

#### Analysis Batch: 450349 (Continued)

| Lab Sample ID    | Client Sample ID   | Prep Type | Matrix      | Method | Prep Batch |
|------------------|--------------------|-----------|-------------|--------|------------|
| LCS 310-450349/8 | Lab Control Sample | Total/NA  | Water       | 8260D  |            |
| 310-302891-2 MS  | MW-05-8R           | Total/NA  | Groundwater | 8260D  |            |
| 310-302891-2 MSD | MW-05-8R           | Total/NA  | Groundwater | 8260D  |            |

### GC/MS Semi VOA

#### Prep Batch: 450191

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix      | Method | Prep Batch |
|---------------------|------------------------|-----------|-------------|--------|------------|
| 310-302891-13       | MW-33                  | Total/NA  | Groundwater | 3510C  |            |
| MB 310-450191/1-A   | Method Blank           | Total/NA  | Water       | 3510C  |            |
| LCS 310-450191/2-A  | Lab Control Sample     | Total/NA  | Water       | 3510C  |            |
| LCSD 310-450191/3-A | Lab Control Sample Dup | Total/NA  | Water       | 3510C  |            |

#### Analysis Batch: 450359

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix      | Method | Prep Batch |
|---------------------|------------------------|-----------|-------------|--------|------------|
| 310-302891-13       | MW-33                  | Total/NA  | Groundwater | 8270E  | 450191     |
| MB 310-450191/1-A   | Method Blank           | Total/NA  | Water       | 8270E  | 450191     |
| LCS 310-450191/2-A  | Lab Control Sample     | Total/NA  | Water       | 8270E  | 450191     |
| LCSD 310-450191/3-A | Lab Control Sample Dup | Total/NA  | Water       | 8270E  | 450191     |

### GC Semi VOA

#### Prep Batch: 624734

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix      | Method | Prep Batch |
|---------------------|------------------------|-----------|-------------|--------|------------|
| 310-302891-13       | MW-33                  | Total/NA  | Groundwater | 8151A  |            |
| MB 410-624734/1-A   | Method Blank           | 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  |            |

#### Analysis Batch: 624977

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix      | Method | Prep Batch |
|---------------------|------------------------|-----------|-------------|--------|------------|
| 310-302891-13       | MW-33                  | Total/NA  | Groundwater | 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     |
| LCSD 410-624734/3-A | Lab Control Sample Dup | Total/NA  | Water       | 8151A  | 624734     |

### Metals

#### Prep Batch: 450105

| Lab Sample ID | Client Sample ID | Prep Type | Matrix      | Method | Prep Batch |
|---------------|------------------|-----------|-------------|--------|------------|
| 310-302891-1  | MW-05-02         | Total/NA  | Groundwater | 3005A  |            |
| 310-302891-2  | MW-05-8R         | Total/NA  | Groundwater | 3005A  |            |
| 310-302891-3  | MW-19            | Total/NA  | Groundwater | 3005A  |            |
| 310-302891-4  | MW-29            | Total/NA  | Groundwater | 3005A  |            |
| 310-302891-5  | MW-39            | Total/NA  | Groundwater | 3005A  |            |
| 310-302891-6  | MW-40            | Total/NA  | Groundwater | 3005A  |            |
| 310-302891-7  | MW-41            | Total/NA  | Groundwater | 3005A  |            |
| 310-302891-8  | MW-42            | Total/NA  | Groundwater | 3005A  |            |
| 310-302891-9  | MW-90-11         | Total/NA  | Groundwater | 3005A  |            |
| 310-302891-10 | MW-20            | Total/NA  | Groundwater | 3005A  |            |
| 310-302891-11 | MW-24            | Total/NA  | Groundwater | 3005A  |            |

Eurofins Cedar Falls

## QC Association Summary

Client: SCS Engineers

Job ID: 310-302891-1

Project/Site: Clinton County South 1st 2025 GW Sampling

Event

### Metals (Continued)

#### Prep Batch: 450105 (Continued)

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix      | Method | Prep Batch |
|--------------------|--------------------|-----------|-------------|--------|------------|
| 310-302891-12      | MW-32              | Total/NA  | Groundwater | 3005A  |            |
| 310-302891-14      | MW-D1              | Total/NA  | Groundwater | 3005A  |            |
| 310-302891-15      | MW-D2              | Total/NA  | Groundwater | 3005A  |            |
| MB 310-450105/1-A  | Method Blank       | Total/NA  | Water       | 3005A  |            |
| LCS 310-450105/2-A | Lab Control Sample | Total/NA  | Water       | 3005A  |            |
| 310-302891-7 MS    | MW-41              | Total/NA  | Groundwater | 3005A  |            |
| 310-302891-7 MSD   | MW-41              | Total/NA  | Groundwater | 3005A  |            |
| 310-302891-8 DU    | MW-42              | Total/NA  | Groundwater | 3005A  |            |

#### Analysis Batch: 450427

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix      | Method | Prep Batch |
|--------------------|--------------------|-----------|-------------|--------|------------|
| 310-302891-1       | MW-05-02           | Total/NA  | Groundwater | 6020B  | 450105     |
| 310-302891-2       | MW-05-8R           | Total/NA  | Groundwater | 6020B  | 450105     |
| 310-302891-3       | MW-19              | Total/NA  | Groundwater | 6020B  | 450105     |
| 310-302891-4       | MW-29              | Total/NA  | Groundwater | 6020B  | 450105     |
| 310-302891-5       | MW-39              | Total/NA  | Groundwater | 6020B  | 450105     |
| 310-302891-6       | MW-40              | Total/NA  | Groundwater | 6020B  | 450105     |
| 310-302891-7       | MW-41              | Total/NA  | Groundwater | 6020B  | 450105     |
| 310-302891-8       | MW-42              | Total/NA  | Groundwater | 6020B  | 450105     |
| 310-302891-9       | MW-90-11           | Total/NA  | Groundwater | 6020B  | 450105     |
| 310-302891-10      | MW-20              | Total/NA  | Groundwater | 6020B  | 450105     |
| 310-302891-11      | MW-24              | Total/NA  | Groundwater | 6020B  | 450105     |
| 310-302891-12      | MW-32              | Total/NA  | Groundwater | 6020B  | 450105     |
| 310-302891-14      | MW-D1              | Total/NA  | Groundwater | 6020B  | 450105     |
| 310-302891-15      | MW-D2              | Total/NA  | Groundwater | 6020B  | 450105     |
| MB 310-450105/1-A  | Method Blank       | Total/NA  | Water       | 6020B  | 450105     |
| LCS 310-450105/2-A | Lab Control Sample | Total/NA  | Water       | 6020B  | 450105     |
| 310-302891-7 MS    | MW-41              | Total/NA  | Groundwater | 6020B  | 450105     |
| 310-302891-7 MSD   | MW-41              | Total/NA  | Groundwater | 6020B  | 450105     |
| 310-302891-8 DU    | MW-42              | Total/NA  | Groundwater | 6020B  | 450105     |

#### Analysis Batch: 450543

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix      | Method | Prep Batch |
|--------------------|--------------------|-----------|-------------|--------|------------|
| 310-302891-1       | MW-05-02           | Total/NA  | Groundwater | 6020B  | 450105     |
| 310-302891-2       | MW-05-8R           | Total/NA  | Groundwater | 6020B  | 450105     |
| 310-302891-3       | MW-19              | Total/NA  | Groundwater | 6020B  | 450105     |
| 310-302891-4       | MW-29              | Total/NA  | Groundwater | 6020B  | 450105     |
| 310-302891-5       | MW-39              | Total/NA  | Groundwater | 6020B  | 450105     |
| 310-302891-6       | MW-40              | Total/NA  | Groundwater | 6020B  | 450105     |
| 310-302891-7       | MW-41              | Total/NA  | Groundwater | 6020B  | 450105     |
| 310-302891-8       | MW-42              | Total/NA  | Groundwater | 6020B  | 450105     |
| 310-302891-10      | MW-20              | Total/NA  | Groundwater | 6020B  | 450105     |
| 310-302891-11      | MW-24              | Total/NA  | Groundwater | 6020B  | 450105     |
| 310-302891-12      | MW-32              | Total/NA  | Groundwater | 6020B  | 450105     |
| 310-302891-15      | MW-D2              | Total/NA  | Groundwater | 6020B  | 450105     |
| MB 310-450105/1-A  | Method Blank       | Total/NA  | Water       | 6020B  | 450105     |
| LCS 310-450105/2-A | Lab Control Sample | Total/NA  | Water       | 6020B  | 450105     |
| 310-302891-7 MS    | MW-41              | Total/NA  | Groundwater | 6020B  | 450105     |
| 310-302891-7 MSD   | MW-41              | Total/NA  | Groundwater | 6020B  | 450105     |
| 310-302891-8 DU    | MW-42              | Total/NA  | Groundwater | 6020B  | 450105     |

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## QC Association Summary

Client: SCS Engineers

Job ID: 310-302891-1

Project/Site: Clinton County South 1st 2025 GW Sampling

Event

### General Chemistry

#### Analysis Batch: 450030

| Lab Sample ID    | Client Sample ID   | Prep Type | Matrix      | Method    | Prep Batch |
|------------------|--------------------|-----------|-------------|-----------|------------|
| 310-302891-1     | MW-05-02           | Total/NA  | Groundwater | I-3765-85 |            |
| 310-302891-2     | MW-05-8R           | Total/NA  | Groundwater | I-3765-85 |            |
| 310-302891-3     | MW-19              | Total/NA  | Groundwater | I-3765-85 |            |
| 310-302891-4     | MW-29              | Total/NA  | Groundwater | I-3765-85 |            |
| MB 310-450030/1  | Method Blank       | Total/NA  | Water       | I-3765-85 |            |
| LCS 310-450030/2 | Lab Control Sample | Total/NA  | Water       | I-3765-85 |            |

#### Analysis Batch: 450067

| Lab Sample ID    | Client Sample ID   | Prep Type | Matrix      | Method    | Prep Batch |
|------------------|--------------------|-----------|-------------|-----------|------------|
| 310-302891-5     | MW-39              | Total/NA  | Groundwater | I-3765-85 |            |
| 310-302891-6     | MW-40              | Total/NA  | Groundwater | I-3765-85 |            |
| 310-302891-7     | MW-41              | Total/NA  | Groundwater | I-3765-85 |            |
| 310-302891-8     | MW-42              | Total/NA  | Groundwater | I-3765-85 |            |
| 310-302891-9     | MW-90-11           | Total/NA  | Groundwater | I-3765-85 |            |
| 310-302891-10    | MW-20              | Total/NA  | Groundwater | I-3765-85 |            |
| 310-302891-11    | MW-24              | Total/NA  | Groundwater | I-3765-85 |            |
| 310-302891-12    | MW-32              | Total/NA  | Groundwater | I-3765-85 |            |
| 310-302891-14    | MW-D1              | Total/NA  | Groundwater | I-3765-85 |            |
| 310-302891-15    | MW-D2              | Total/NA  | Groundwater | I-3765-85 |            |
| MB 310-450067/1  | Method Blank       | Total/NA  | Water       | I-3765-85 |            |
| LCS 310-450067/2 | Lab Control Sample | Total/NA  | Water       | I-3765-85 |            |
| 310-302891-9 DU  | MW-90-11           | Total/NA  | Groundwater | I-3765-85 |            |
| 310-302891-11 DU | MW-24              | Total/NA  | Groundwater | I-3765-85 |            |

# Lab Chronicle

Client: SCS Engineers  
Project/Site: Clinton County South 1st 2025 GW Sampling  
Event

Job ID: 310-302891-1

**Client Sample ID: MW-05-02**

**Lab Sample ID: 310-302891-1**

**Date Collected: 03/25/25 14:27**

**Matrix: Groundwater**

**Date Received: 03/27/25 16:25**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab    | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|--------|----------------------|
| Total/NA  | Analysis   | 8260D        |     | 1               | 450349       | WSE8    | EET CF | 04/01/25 15:23       |
| Total/NA  | Analysis   | 8260D        |     | 1               | 450081       | WSE8    | EET CF | 03/29/25 00:15       |
| Total/NA  | Prep       | 3005A        |     |                 | 450105       | QTZ5    | EET CF | 03/31/25 08:30       |
| Total/NA  | Analysis   | 6020B        |     | 1               | 450427       | NFT2    | EET CF | 04/01/25 16:03       |
| Total/NA  | Prep       | 3005A        |     |                 | 450105       | QTZ5    | EET CF | 03/31/25 08:30       |
| Total/NA  | Analysis   | 6020B        |     | 1               | 450543       | NFT2    | EET CF | 04/02/25 14:08       |
| Total/NA  | Analysis   | I-3765-85    |     | 1               | 450030       | DGU1    | EET CF | 03/28/25 07:41       |

**Client Sample ID: MW-05-8R**

**Lab Sample ID: 310-302891-2**

**Date Collected: 03/25/25 12:40**

**Matrix: Groundwater**

**Date Received: 03/27/25 16:25**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab    | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|--------|----------------------|
| Total/NA  | Analysis   | 8260D        |     | 1               | 450349       | WSE8    | EET CF | 04/01/25 15:44       |
| Total/NA  | Analysis   | 8260D        |     | 1               | 450081       | WSE8    | EET CF | 03/29/25 00:37       |
| Total/NA  | Prep       | 3005A        |     |                 | 450105       | QTZ5    | EET CF | 03/31/25 08:30       |
| Total/NA  | Analysis   | 6020B        |     | 1               | 450427       | NFT2    | EET CF | 04/01/25 16:06       |
| Total/NA  | Prep       | 3005A        |     |                 | 450105       | QTZ5    | EET CF | 03/31/25 08:30       |
| Total/NA  | Analysis   | 6020B        |     | 1               | 450543       | NFT2    | EET CF | 04/02/25 14:11       |
| Total/NA  | Analysis   | I-3765-85    |     | 1               | 450030       | DGU1    | EET CF | 03/28/25 07:41       |

**Client Sample ID: MW-19**

**Lab Sample ID: 310-302891-3**

**Date Collected: 03/25/25 10:51**

**Matrix: Groundwater**

**Date Received: 03/27/25 16:25**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab    | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|--------|----------------------|
| Total/NA  | Analysis   | 8260D        |     | 1               | 450349       | WSE8    | EET CF | 04/01/25 16:06       |
| Total/NA  | Analysis   | 8260D        |     | 1               | 450081       | WSE8    | EET CF | 03/29/25 01:00       |
| Total/NA  | Prep       | 3005A        |     |                 | 450105       | QTZ5    | EET CF | 03/31/25 08:30       |
| Total/NA  | Analysis   | 6020B        |     | 1               | 450427       | NFT2    | EET CF | 04/01/25 16:08       |
| Total/NA  | Prep       | 3005A        |     |                 | 450105       | QTZ5    | EET CF | 03/31/25 08:30       |
| Total/NA  | Analysis   | 6020B        |     | 1               | 450543       | NFT2    | EET CF | 04/02/25 14:13       |
| Total/NA  | Analysis   | I-3765-85    |     | 1               | 450030       | DGU1    | EET CF | 03/28/25 07:41       |

**Client Sample ID: MW-29**

**Lab Sample ID: 310-302891-4**

**Date Collected: 03/25/25 15:58**

**Matrix: Groundwater**

**Date Received: 03/27/25 16:25**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab    | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|--------|----------------------|
| Total/NA  | Analysis   | 8260D        |     | 1               | 450349       | WSE8    | EET CF | 04/01/25 16:28       |
| Total/NA  | Analysis   | 8260D        |     | 1               | 450081       | WSE8    | EET CF | 03/29/25 01:22       |
| Total/NA  | Prep       | 3005A        |     |                 | 450105       | QTZ5    | EET CF | 03/31/25 08:30       |
| Total/NA  | Analysis   | 6020B        |     | 1               | 450427       | NFT2    | EET CF | 04/01/25 15:46       |

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## Lab Chronicle

Client: SCS Engineers  
Project/Site: Clinton County South 1st 2025 GW Sampling Event

Job ID: 310-302891-1

**Client Sample ID: MW-29**

**Lab Sample ID: 310-302891-4**

**Date Collected: 03/25/25 15:58**

**Matrix: Groundwater**

**Date Received: 03/27/25 16:25**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab    | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|--------|----------------------|
| Total/NA  | Prep       | 3005A        |     |                 | 450105       | QTZ5    | EET CF | 03/31/25 08:30       |
| Total/NA  | Analysis   | 6020B        |     | 1               | 450543       | NFT2    | EET CF | 04/02/25 13:56       |
| Total/NA  | Analysis   | I-3765-85    |     | 1               | 450030       | DGU1    | EET CF | 03/28/25 07:41       |

**Client Sample ID: MW-39**

**Lab Sample ID: 310-302891-5**

**Date Collected: 03/25/25 16:41**

**Matrix: Groundwater**

**Date Received: 03/27/25 16:25**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab    | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|--------|----------------------|
| Total/NA  | Analysis   | 8260D        |     | 1               | 450349       | WSE8    | EET CF | 04/01/25 16:50       |
| Total/NA  | Analysis   | 8260D        |     | 1               | 450081       | WSE8    | EET CF | 03/29/25 01:45       |
| Total/NA  | Prep       | 3005A        |     |                 | 450105       | QTZ5    | EET CF | 03/31/25 08:30       |
| Total/NA  | Analysis   | 6020B        |     | 1               | 450427       | NFT2    | EET CF | 04/01/25 16:13       |
| Total/NA  | Prep       | 3005A        |     |                 | 450105       | QTZ5    | EET CF | 03/31/25 08:30       |
| Total/NA  | Analysis   | 6020B        |     | 1               | 450543       | NFT2    | EET CF | 04/02/25 14:19       |
| Total/NA  | Analysis   | I-3765-85    |     | 1               | 450067       | DGU1    | EET CF | 03/28/25 11:09       |

**Client Sample ID: MW-40**

**Lab Sample ID: 310-302891-6**

**Date Collected: 03/25/25 12:19**

**Matrix: Groundwater**

**Date Received: 03/27/25 16:25**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab    | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|--------|----------------------|
| Total/NA  | Analysis   | 8260D        |     | 1               | 450349       | WSE8    | EET CF | 04/01/25 17:11       |
| Total/NA  | Analysis   | 8260D        |     | 1               | 450081       | WSE8    | EET CF | 03/29/25 02:08       |
| Total/NA  | Prep       | 3005A        |     |                 | 450105       | QTZ5    | EET CF | 03/31/25 08:30       |
| Total/NA  | Analysis   | 6020B        |     | 1               | 450427       | NFT2    | EET CF | 04/01/25 16:10       |
| Total/NA  | Prep       | 3005A        |     |                 | 450105       | QTZ5    | EET CF | 03/31/25 08:30       |
| Total/NA  | Analysis   | 6020B        |     | 1               | 450543       | NFT2    | EET CF | 04/02/25 14:16       |
| Total/NA  | Analysis   | I-3765-85    |     | 1               | 450067       | DGU1    | EET CF | 03/28/25 11:09       |

**Client Sample ID: MW-41**

**Lab Sample ID: 310-302891-7**

**Date Collected: 03/25/25 13:44**

**Matrix: Groundwater**

**Date Received: 03/27/25 16:25**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab    | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|--------|----------------------|
| Total/NA  | Analysis   | 8260D        |     | 1               | 450349       | WSE8    | EET CF | 04/01/25 17:33       |
| Total/NA  | Analysis   | 8260D        |     | 1               | 450081       | WSE8    | EET CF | 03/29/25 02:30       |
| Total/NA  | Prep       | 3005A        |     |                 | 450105       | QTZ5    | EET CF | 03/31/25 08:30       |
| Total/NA  | Analysis   | 6020B        |     | 1               | 450427       | NFT2    | EET CF | 04/01/25 15:37       |
| Total/NA  | Prep       | 3005A        |     |                 | 450105       | QTZ5    | EET CF | 03/31/25 08:30       |
| Total/NA  | Analysis   | 6020B        |     | 1               | 450543       | NFT2    | EET CF | 04/02/25 13:39       |
| Total/NA  | Analysis   | I-3765-85    |     | 1               | 450067       | DGU1    | EET CF | 03/28/25 11:09       |

Eurofins Cedar Falls

# Lab Chronicle

Client: SCS Engineers  
Project/Site: Clinton County South 1st 2025 GW Sampling  
Event

Job ID: 310-302891-1

**Client Sample ID: MW-42**

**Lab Sample ID: 310-302891-8**

**Date Collected: 03/25/25 15:10**

**Matrix: Groundwater**

**Date Received: 03/27/25 16:25**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab    | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|--------|----------------------|
| Total/NA  | Analysis   | 8260D        |     | 1               | 450349       | WSE8    | EET CF | 04/01/25 17:55       |
| Total/NA  | Analysis   | 8260D        |     | 1               | 450081       | WSE8    | EET CF | 03/29/25 02:53       |
| Total/NA  | Prep       | 3005A        |     |                 | 450105       | QTZ5    | EET CF | 03/31/25 08:30       |
| Total/NA  | Analysis   | 6020B        |     | 1               | 450427       | NFT2    | EET CF | 04/01/25 16:15       |
| Total/NA  | Prep       | 3005A        |     |                 | 450105       | QTZ5    | EET CF | 03/31/25 08:30       |
| Total/NA  | Analysis   | 6020B        |     | 1               | 450543       | NFT2    | EET CF | 04/02/25 14:31       |
| Total/NA  | Analysis   | I-3765-85    |     | 1               | 450067       | DGU1    | EET CF | 03/28/25 11:09       |

**Client Sample ID: MW-90-11**

**Lab Sample ID: 310-302891-9**

**Date Collected: 03/25/25 09:03**

**Matrix: Groundwater**

**Date Received: 03/27/25 16:25**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab    | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|--------|----------------------|
| Total/NA  | Analysis   | 8260D        |     | 1               | 450349       | WSE8    | EET CF | 04/01/25 18:17       |
| Total/NA  | Analysis   | 8260D        |     | 1               | 450081       | WSE8    | EET CF | 03/29/25 03:15       |
| Total/NA  | Prep       | 3005A        |     |                 | 450105       | QTZ5    | EET CF | 03/31/25 08:30       |
| Total/NA  | Analysis   | 6020B        |     | 1               | 450427       | NFT2    | EET CF | 04/01/25 16:44       |
| Total/NA  | Analysis   | I-3765-85    |     | 1               | 450067       | DGU1    | EET CF | 03/28/25 11:09       |

**Client Sample ID: MW-20**

**Lab Sample ID: 310-302891-10**

**Date Collected: 03/25/25 09:53**

**Matrix: Groundwater**

**Date Received: 03/27/25 16:25**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab    | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|--------|----------------------|
| Total/NA  | Analysis   | 8260D        |     | 1               | 450349       | WSE8    | EET CF | 04/01/25 18:39       |
| Total/NA  | Analysis   | 8260D        |     | 1               | 450081       | WSE8    | EET CF | 03/29/25 03:38       |
| Total/NA  | Prep       | 3005A        |     |                 | 450105       | QTZ5    | EET CF | 03/31/25 08:30       |
| Total/NA  | Analysis   | 6020B        |     | 1               | 450427       | NFT2    | EET CF | 04/01/25 16:20       |
| Total/NA  | Prep       | 3005A        |     |                 | 450105       | QTZ5    | EET CF | 03/31/25 08:30       |
| Total/NA  | Analysis   | 6020B        |     | 4               | 450543       | NFT2    | EET CF | 04/02/25 14:36       |
| Total/NA  | Analysis   | I-3765-85    |     | 1               | 450067       | DGU1    | EET CF | 03/28/25 11:09       |

**Client Sample ID: MW-24**

**Lab Sample ID: 310-302891-11**

**Date Collected: 03/25/25 11:29**

**Matrix: Groundwater**

**Date Received: 03/27/25 16:25**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab    | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|--------|----------------------|
| Total/NA  | Analysis   | 8260D        |     | 1               | 450349       | WSE8    | EET CF | 04/01/25 19:00       |
| Total/NA  | Analysis   | 8260D        |     | 1               | 450081       | WSE8    | EET CF | 03/29/25 04:00       |
| Total/NA  | Prep       | 3005A        |     |                 | 450105       | QTZ5    | EET CF | 03/31/25 08:30       |
| Total/NA  | Analysis   | 6020B        |     | 1               | 450427       | NFT2    | EET CF | 04/01/25 16:25       |
| Total/NA  | Prep       | 3005A        |     |                 | 450105       | QTZ5    | EET CF | 03/31/25 08:30       |
| Total/NA  | Analysis   | 6020B        |     | 1               | 450543       | NFT2    | EET CF | 04/02/25 14:42       |

Eurofins Cedar Falls



# Lab Chronicle

Client: SCS Engineers  
Project/Site: Clinton County South 1st 2025 GW Sampling  
Event

Job ID: 310-302891-1

**Client Sample ID: MW-24**

**Date Collected: 03/25/25 11:29**

**Date Received: 03/27/25 16:25**

**Lab Sample ID: 310-302891-11**

**Matrix: Groundwater**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab    | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|--------|----------------------|
| Total/NA  | Analysis   | I-3765-85    |     | 1               | 450067       | DGU1    | EET CF | 03/28/25 11:09       |

**Client Sample ID: MW-32**

**Date Collected: 03/26/25 10:42**

**Date Received: 03/27/25 16:25**

**Lab Sample ID: 310-302891-12**

**Matrix: Groundwater**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab    | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|--------|----------------------|
| Total/NA  | Analysis   | 8260D        |     | 1               | 450349       | WSE8    | EET CF | 04/01/25 19:22       |
| Total/NA  | Analysis   | 8260D        |     | 1               | 450081       | WSE8    | EET CF | 03/29/25 04:23       |
| Total/NA  | Prep       | 3005A        |     |                 | 450105       | QTZ5    | EET CF | 03/31/25 08:30       |
| Total/NA  | Analysis   | 6020B        |     | 1               | 450427       | NFT2    | EET CF | 04/01/25 16:22       |
| Total/NA  | Prep       | 3005A        |     |                 | 450105       | QTZ5    | EET CF | 03/31/25 08:30       |
| Total/NA  | Analysis   | 6020B        |     | 1               | 450543       | NFT2    | EET CF | 04/02/25 14:39       |
| Total/NA  | Analysis   | I-3765-85    |     | 1               | 450067       | DGU1    | EET CF | 03/28/25 11:09       |

**Client Sample ID: MW-33**

**Date Collected: 03/26/25 09:30**

**Date Received: 03/27/25 16:25**

**Lab Sample ID: 310-302891-13**

**Matrix: Groundwater**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab    | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|--------|----------------------|
| Total/NA  | Prep       | 3510C        |     |                 | 450191       | J5BR    | EET CF | 03/31/25 09:00       |
| Total/NA  | Analysis   | 8270E        |     | 1               | 450359       | V7YZ    | EET CF | 04/02/25 01:58       |
| Total/NA  | Prep       | 8151A        |     |                 | 624734       | QJZ6    | ELLE   | 04/01/25 15:00       |
| Total/NA  | Analysis   | 8151A        |     | 1               | 624977       | UAMZ    | ELLE   | 04/02/25 13:47       |

**Client Sample ID: MW-D1**

**Date Collected: 03/25/25 10:51**

**Date Received: 03/27/25 16:25**

**Lab Sample ID: 310-302891-14**

**Matrix: Groundwater**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab    | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|--------|----------------------|
| Total/NA  | Analysis   | 8260D        |     | 1               | 450349       | WSE8    | EET CF | 04/01/25 19:44       |
| Total/NA  | Analysis   | 8260D        |     | 1               | 450083       | WSE8    | EET CF | 03/29/25 13:02       |
| Total/NA  | Prep       | 3005A        |     |                 | 450105       | QTZ5    | EET CF | 03/31/25 08:30       |
| Total/NA  | Analysis   | 6020B        |     | 1               | 450427       | NFT2    | EET CF | 04/01/25 16:34       |
| Total/NA  | Analysis   | I-3765-85    |     | 1               | 450067       | DGU1    | EET CF | 03/28/25 11:09       |

**Client Sample ID: MW-D2**

**Date Collected: 03/26/25 10:42**

**Date Received: 03/27/25 16:25**

**Lab Sample ID: 310-302891-15**

**Matrix: Groundwater**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab    | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|--------|----------------------|
| Total/NA  | Analysis   | 8260D        |     | 1               | 450349       | WSE8    | EET CF | 04/01/25 20:06       |
| Total/NA  | Analysis   | 8260D        |     | 1               | 450083       | WSE8    | EET CF | 03/29/25 13:24       |

Eurofins Cedar Falls

# Lab Chronicle

Client: SCS Engineers  
Project/Site: Clinton County South 1st 2025 GW Sampling  
Event

Job ID: 310-302891-1

## Client Sample ID: MW-D2

Date Collected: 03/26/25 10:42

Date Received: 03/27/25 16:25

## Lab Sample ID: 310-302891-15

Matrix: Groundwater

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab    | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|--------|----------------------|
| Total/NA  | Prep       | 3005A        |     |                 | 450105       | QTZ5    | EET CF | 03/31/25 08:30       |
| Total/NA  | Analysis   | 6020B        |     | 1               | 450427       | NFT2    | EET CF | 04/01/25 15:54       |
| Total/NA  | Prep       | 3005A        |     |                 | 450105       | QTZ5    | EET CF | 03/31/25 08:30       |
| Total/NA  | Analysis   | 6020B        |     | 1               | 450543       | NFT2    | EET CF | 04/02/25 14:05       |
| Total/NA  | Analysis   | I-3765-85    |     | 1               | 450067       | DGU1    | EET CF | 03/28/25 11:09       |

## Client Sample ID: Trip Blank 1

Date Collected: 03/25/25 00:00

Date Received: 03/27/25 16:25

## Lab Sample ID: 310-302891-16

Matrix: Trip Blank

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab    | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|--------|----------------------|
| Total/NA  | Analysis   | 8260D        |     | 1               | 450349       | WSE8    | EET CF | 04/01/25 14:18       |
| Total/NA  | Analysis   | 8260D        |     | 1               | 450083       | WSE8    | EET CF | 03/29/25 11:54       |

## Client Sample ID: Trip Blank 2

Date Collected: 03/25/25 00:00

Date Received: 03/27/25 16:25

## Lab Sample ID: 310-302891-17

Matrix: Trip Blank

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab    | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|--------|----------------------|
| Total/NA  | Analysis   | 8260D        |     | 1               | 450349       | WSE8    | EET CF | 04/01/25 14:39       |
| Total/NA  | Analysis   | 8260D        |     | 1               | 450083       | WSE8    | EET CF | 03/29/25 12:16       |

## Client Sample ID: Trip Blank 3

Date Collected: 03/25/25 00:00

Date Received: 03/27/25 16:25

## Lab Sample ID: 310-302891-18

Matrix: Trip Blank

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab    | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|--------|----------------------|
| Total/NA  | Analysis   | 8260D        |     | 1               | 450349       | WSE8    | EET CF | 04/01/25 15:01       |
| Total/NA  | Analysis   | 8260D        |     | 1               | 450083       | WSE8    | EET CF | 03/29/25 12:39       |

### Laboratory References:

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

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

# Accreditation/Certification Summary

Client: SCS Engineers

Job ID: 310-302891-1

Project/Site: Clinton County South 1st 2025 GW Sampling

Event

## 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 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        |
| 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        |

\* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Eurofins Cedar Falls

## Accreditation/Certification Summary

Client: SCS Engineers

Job ID: 310-302891-1

Project/Site: Clinton County South 1st 2025 GW Sampling

Event

### 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 |
|--------------------|---------------------|-----------------------|-----------------|
| 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        |

## Method Summary

Client: SCS Engineers

Job ID: 310-302891-1

Project/Site: Clinton County South 1st 2025 GW Sampling

Event

| Method    | Method Description                           | Protocol | Laboratory |
|-----------|----------------------------------------------|----------|------------|
| 8260D     | Volatile Organic Compounds by GC/MS          | SW846    | EET CF     |
| 8270E     | Semivolatile Organic Compounds (GC/MS)       | SW846    | EET CF     |
| 8151A     | Herbicides (GC)                              | SW846    | ELLE       |
| 6020B     | Metals (ICP/MS)                              | SW846    | EET CF     |
| I-3765-85 | Residue, Non-filterable (TSS)                | USGS     | EET CF     |
| 3005A     | Preparation, Total Metals                    | SW846    | EET CF     |
| 3510C     | Liquid-Liquid Extraction (Separatory Funnel) | SW846    | EET CF     |
| 5030B     | Purge and Trap                               | SW846    | EET CF     |
| 8151A     | Extraction (Herbicides)                      | SW846    | ELLE       |

### 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

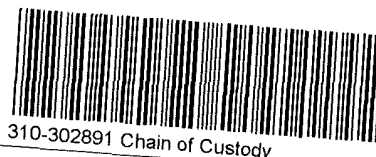
### Laboratory References:

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

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300



Environment Testing  
America



### Cooler/Sample Receipt and Temperature Log Form

|                                                                                                                                                                                                                                                                                                                                                                   |                    |                                                                     |                                                                                               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|---------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| <b>Client Information</b>                                                                                                                                                                                                                                                                                                                                         |                    |                                                                     |                                                                                               |
| Client: <u>SCS</u>                                                                                                                                                                                                                                                                                                                                                |                    |                                                                     |                                                                                               |
| City/State:                                                                                                                                                                                                                                                                                                                                                       | <u>Des Moines</u>  | <u>IA</u>                                                           | Project:                                                                                      |
| <b>Receipt Information</b>                                                                                                                                                                                                                                                                                                                                        |                    |                                                                     |                                                                                               |
| Date/Time Received:                                                                                                                                                                                                                                                                                                                                               | <u>3/27/25</u>     | <u>1625</u>                                                         | Received By: <u>XB</u>                                                                        |
| Delivery Type: <input type="checkbox"/> UPS <input type="checkbox"/> FedEx <input type="checkbox"/> FedEx Ground <input type="checkbox"/> US Mail <input type="checkbox"/> Spee-Dee<br><input checked="" type="checkbox"/> Lab Courier <input type="checkbox"/> Lab Field Services <input type="checkbox"/> Client Drop-off <input type="checkbox"/> Other: _____ |                    |                                                                     |                                                                                               |
| <b>Condition of Cooler/Containers</b>                                                                                                                                                                                                                                                                                                                             |                    |                                                                     |                                                                                               |
| Sample(s) received in Cooler?                                                                                                                                                                                                                                                                                                                                     |                    | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | If yes: Cooler ID: _____                                                                      |
| Multiple Coolers?                                                                                                                                                                                                                                                                                                                                                 |                    | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | If yes: Cooler # <u>1</u> of <u>3</u>                                                         |
| Cooler Custody Seals Present?                                                                                                                                                                                                                                                                                                                                     |                    | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | If yes: Cooler custody seals intact? <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Sample Custody Seals Present?                                                                                                                                                                                                                                                                                                                                     |                    | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | If yes: Sample custody seals intact? <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Trip Blank Present?                                                                                                                                                                                                                                                                                                                                               |                    | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | If yes: Which VOA samples are in cooler? ↓                                                    |
| <u>TB1 MW-05-02 through MW-3A</u>                                                                                                                                                                                                                                                                                                                                 |                    |                                                                     |                                                                                               |
| <b>Temperature Record</b>                                                                                                                                                                                                                                                                                                                                         |                    |                                                                     |                                                                                               |
| Coolant: <input checked="" type="checkbox"/> Wet ice <input type="checkbox"/> Blue ice <input type="checkbox"/> Dry ice <input type="checkbox"/> Other: _____ <input type="checkbox"/> NONE                                                                                                                                                                       |                    |                                                                     |                                                                                               |
| Thermometer ID: <u>2</u>                                                                                                                                                                                                                                                                                                                                          |                    | Correction Factor (°C): <u>0</u>                                    |                                                                                               |
| • Temp Blank Temperature – If no temp blank, or temp blank temperature above criteria, proceed to Sample Container Temperature                                                                                                                                                                                                                                    |                    |                                                                     |                                                                                               |
| Uncorrected Temp (°C): <u>4.3</u>                                                                                                                                                                                                                                                                                                                                 |                    | Corrected Temp (°C): <u>4.3</u>                                     |                                                                                               |
| • Sample Container Temperature                                                                                                                                                                                                                                                                                                                                    |                    |                                                                     |                                                                                               |
| Container(s) used:                                                                                                                                                                                                                                                                                                                                                | <u>CONTAINER 1</u> | <u>CONTAINER 2</u>                                                  |                                                                                               |
| Uncorrected Temp (°C):                                                                                                                                                                                                                                                                                                                                            |                    |                                                                     |                                                                                               |
| Corrected Temp (°C):                                                                                                                                                                                                                                                                                                                                              |                    |                                                                     |                                                                                               |
| <b>Exceptions Noted</b>                                                                                                                                                                                                                                                                                                                                           |                    |                                                                     |                                                                                               |
| 1) If temperature exceeds criteria, was sample(s) received same day of sampling? <input type="checkbox"/> Yes <input type="checkbox"/> No<br>a) If yes: Is there evidence that the chilling process began? <input type="checkbox"/> Yes <input type="checkbox"/> 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?) <input type="checkbox"/> Yes <input type="checkbox"/> No                                                                                                                                  |                    |                                                                     |                                                                                               |
| NOTE If yes, contact PM before proceeding If no, proceed with login                                                                                                                                                                                                                                                                                               |                    |                                                                     |                                                                                               |
| <b>Additional Comments</b>                                                                                                                                                                                                                                                                                                                                        |                    |                                                                     |                                                                                               |
|                                                                                                                                                                                                                                                                                                                                                                   |                    |                                                                     |                                                                                               |
|                                                                                                                                                                                                                                                                                                                                                                   |                    |                                                                     |                                                                                               |
|                                                                                                                                                                                                                                                                                                                                                                   |                    |                                                                     |                                                                                               |



Environment Testing  
America

Place COC scanning label  
here

### Cooler/Sample Receipt and Temperature Log Form

|                                                                                                                                                                                                                                                                                                                                                                   |                    |                                                                                               |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|-----------------------------------------------------------------------------------------------|--|
| <b>Client Information</b>                                                                                                                                                                                                                                                                                                                                         |                    |                                                                                               |  |
| Client: <u>SCS</u>                                                                                                                                                                                                                                                                                                                                                |                    |                                                                                               |  |
| City/State: <u>Des Moines IA</u>                                                                                                                                                                                                                                                                                                                                  |                    | Project:                                                                                      |  |
| <b>Receipt Information</b>                                                                                                                                                                                                                                                                                                                                        |                    |                                                                                               |  |
| Date/Time Received: <u>3/27/25 1625</u>                                                                                                                                                                                                                                                                                                                           |                    | Received By: <u>XB</u>                                                                        |  |
| Delivery Type: <input type="checkbox"/> UPS <input type="checkbox"/> FedEx <input type="checkbox"/> FedEx Ground <input type="checkbox"/> US Mail <input type="checkbox"/> Spee-Dee<br><input checked="" type="checkbox"/> Lab Courier <input type="checkbox"/> Lab Field Services <input type="checkbox"/> Client Drop-off <input type="checkbox"/> Other: _____ |                    |                                                                                               |  |
| <b>Condition of Cooler/Containers</b>                                                                                                                                                                                                                                                                                                                             |                    |                                                                                               |  |
| Sample(s) received in Cooler? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                                                                                                                                                                                                                                 |                    | If yes: Cooler ID:                                                                            |  |
| Multiple Coolers? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                                                                                                                                                                                                                                             |                    | If yes: Cooler # <u>2</u> of <u>3</u>                                                         |  |
| Cooler Custody Seals Present? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                                                                                                                                                                                                                                                                 |                    | If yes: Cooler custody seals intact? <input type="checkbox"/> Yes <input type="checkbox"/> No |  |
| Sample Custody Seals Present? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                                                                                                                                                                                                                                                                 |                    | If yes: Sample custody seals intact? <input type="checkbox"/> Yes <input type="checkbox"/> No |  |
| Trip Blank Present? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                                                                                                                                                                                                                                           |                    | If yes: Which VOA samples are in cooler? ↓                                                    |  |
| <u>TB-2, MW-210 through MW-24, MW-02</u>                                                                                                                                                                                                                                                                                                                          |                    |                                                                                               |  |
| <b>Temperature Record</b>                                                                                                                                                                                                                                                                                                                                         |                    |                                                                                               |  |
| Coolant: <input checked="" type="checkbox"/> Wet ice <input type="checkbox"/> Blue ice <input type="checkbox"/> Dry ice <input type="checkbox"/> Other: _____ <input type="checkbox"/> NONE                                                                                                                                                                       |                    |                                                                                               |  |
| Thermometer ID: <u>2</u>                                                                                                                                                                                                                                                                                                                                          |                    | Correction Factor (°C): <u>0</u>                                                              |  |
| • Temp Blank Temperature – If no temp blank, or temp blank temperature above criteria, proceed to Sample Container Temperature                                                                                                                                                                                                                                    |                    |                                                                                               |  |
| Uncorrected Temp (°C): <u>5.1</u>                                                                                                                                                                                                                                                                                                                                 |                    | Corrected Temp (°C): <u>5.1</u>                                                               |  |
| <b>• Sample Container Temperature</b>                                                                                                                                                                                                                                                                                                                             |                    |                                                                                               |  |
| Container(s) used:                                                                                                                                                                                                                                                                                                                                                | <u>CONTAINER 1</u> | <u>CONTAINER 2</u>                                                                            |  |
| Uncorrected Temp (°C):                                                                                                                                                                                                                                                                                                                                            |                    |                                                                                               |  |
| Corrected Temp (°C):                                                                                                                                                                                                                                                                                                                                              |                    |                                                                                               |  |
| <b>Exceptions Noted</b>                                                                                                                                                                                                                                                                                                                                           |                    |                                                                                               |  |
| 1) If temperature exceeds criteria, was sample(s) received same day of sampling? <input type="checkbox"/> Yes <input type="checkbox"/> No<br>a) If yes: Is there evidence that the chilling process began? <input type="checkbox"/> Yes <input type="checkbox"/> 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?) <input type="checkbox"/> Yes <input type="checkbox"/> No                                                                                                                                  |                    |                                                                                               |  |
| NOTE: If yes, contact PM before proceeding. If no, proceed with login                                                                                                                                                                                                                                                                                             |                    |                                                                                               |  |
| <b>Additional Comments</b>                                                                                                                                                                                                                                                                                                                                        |                    |                                                                                               |  |
|                                                                                                                                                                                                                                                                                                                                                                   |                    |                                                                                               |  |
|                                                                                                                                                                                                                                                                                                                                                                   |                    |                                                                                               |  |
|                                                                                                                                                                                                                                                                                                                                                                   |                    |                                                                                               |  |



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### Cooler/Sample Receipt and Temperature Log Form

|                                                                                                                                                                                                                                                                                                                                                                   |                      |                                                                     |                                                                                               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|---------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| <b>Client Information</b>                                                                                                                                                                                                                                                                                                                                         |                      |                                                                     |                                                                                               |
| Client: <u>SCS</u>                                                                                                                                                                                                                                                                                                                                                |                      |                                                                     |                                                                                               |
| City/State:                                                                                                                                                                                                                                                                                                                                                       | <u>Des Moines</u>    | STATE: <u>IA</u>                                                    | Project:                                                                                      |
| <b>Receipt Information</b>                                                                                                                                                                                                                                                                                                                                        |                      |                                                                     |                                                                                               |
| Date/Time Received:                                                                                                                                                                                                                                                                                                                                               | DATE: <u>3/27/25</u> | TIME: <u>1625</u>                                                   | Received By: <u>KB</u>                                                                        |
| Delivery Type: <input type="checkbox"/> UPS <input type="checkbox"/> FedEx <input type="checkbox"/> FedEx Ground <input type="checkbox"/> US Mail <input type="checkbox"/> Spee-Dee<br><input checked="" type="checkbox"/> Lab Courier <input type="checkbox"/> Lab Field Services <input type="checkbox"/> Client Drop-off <input type="checkbox"/> Other: _____ |                      |                                                                     |                                                                                               |
| <b>Condition of Cooler/Containers</b>                                                                                                                                                                                                                                                                                                                             |                      |                                                                     |                                                                                               |
| Sample(s) received in Cooler?                                                                                                                                                                                                                                                                                                                                     |                      | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | If yes: Cooler ID:                                                                            |
| Multiple Coolers?                                                                                                                                                                                                                                                                                                                                                 |                      | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | If yes: Cooler # <u>3</u> of <u>3</u>                                                         |
| Cooler Custody Seals Present?                                                                                                                                                                                                                                                                                                                                     |                      | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | If yes: Cooler custody seals intact? <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Sample Custody Seals Present?                                                                                                                                                                                                                                                                                                                                     |                      | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | If yes: Sample custody seals intact? <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Trip Blank Present?                                                                                                                                                                                                                                                                                                                                               |                      | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | If yes: Which VOA samples are in cooler? ↓                                                    |
| <u>TB-3, MW-32, MW-33, MW-D1</u>                                                                                                                                                                                                                                                                                                                                  |                      |                                                                     |                                                                                               |
| <b>Temperature Record</b>                                                                                                                                                                                                                                                                                                                                         |                      |                                                                     |                                                                                               |
| Coolant: <input type="checkbox"/> Wet ice <input type="checkbox"/> Blue ice <input type="checkbox"/> Dry ice <input type="checkbox"/> Other: _____ <input type="checkbox"/> NONE                                                                                                                                                                                  |                      |                                                                     |                                                                                               |
| Thermometer ID:                                                                                                                                                                                                                                                                                                                                                   |                      | Correction Factor (°C):                                             |                                                                                               |
| • Temp Blank Temperature – If no temp blank, or temp blank temperature above criteria, proceed to Sample Container Temperature                                                                                                                                                                                                                                    |                      |                                                                     |                                                                                               |
| Uncorrected Temp (°C): <u>4.3</u>                                                                                                                                                                                                                                                                                                                                 |                      | Corrected Temp (°C): <u>4.3</u>                                     |                                                                                               |
| • Sample Container Temperature                                                                                                                                                                                                                                                                                                                                    |                      |                                                                     |                                                                                               |
| Container(s) used.                                                                                                                                                                                                                                                                                                                                                | CONTAINER 1          |                                                                     | CONTAINER 2                                                                                   |
| Uncorrected Temp (°C):                                                                                                                                                                                                                                                                                                                                            |                      |                                                                     |                                                                                               |
| Corrected Temp (°C):                                                                                                                                                                                                                                                                                                                                              |                      |                                                                     |                                                                                               |
| <b>Exceptions Noted</b>                                                                                                                                                                                                                                                                                                                                           |                      |                                                                     |                                                                                               |
| 1) If temperature exceeds criteria, was sample(s) received same day of sampling? <input type="checkbox"/> Yes <input type="checkbox"/> No<br>a) If yes: Is there evidence that the chilling process began? <input type="checkbox"/> Yes <input type="checkbox"/> 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?) <input type="checkbox"/> Yes <input type="checkbox"/> No                                                                                                                                  |                      |                                                                     |                                                                                               |
| NOTE. If yes, contact PM before proceeding. If no, proceed with login                                                                                                                                                                                                                                                                                             |                      |                                                                     |                                                                                               |
| <b>Additional Comments</b>                                                                                                                                                                                                                                                                                                                                        |                      |                                                                     |                                                                                               |
|                                                                                                                                                                                                                                                                                                                                                                   |                      |                                                                     |                                                                                               |
|                                                                                                                                                                                                                                                                                                                                                                   |                      |                                                                     |                                                                                               |
|                                                                                                                                                                                                                                                                                                                                                                   |                      |                                                                     |                                                                                               |



## Chain of Custody Record

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|                                                       |  |                                                                                                                                                                                                                        |  |                                                                                     |  |                                                                                    |  |                                   |  |
|-------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------|--|-----------------------------------|--|
| Client Information                                    |  | Sampler: <b>Konner Both</b>                                                                                                                                                                                            |  | Lab PM: Miller, Samuel                                                              |  | Carrier Tracking No(s):                                                            |  | COC No: 310-104630-27842.2        |  |
| Client Contact: Sean Marczewski                       |  | Phone:                                                                                                                                                                                                                 |  | E-Mail: Samuel.Miller@et.eurolinsus.com                                             |  | State of Origin:                                                                   |  | Page: Page 2 of 3                 |  |
| Company: SCS Engineers                                |  | PWSID:                                                                                                                                                                                                                 |  | Analysis Requested                                                                  |  | Job #:                                                                             |  | Preservation Codes:               |  |
| Address: 1690 All State Court Suite 100               |  | Due Date Requested:                                                                                                                                                                                                    |  | Field Filtered Sample (Yes or No)                                                   |  | Appendix I                                                                         |  | Total Number of Containers        |  |
| City: West Des Moines                                 |  | TAT Requested (days):                                                                                                                                                                                                  |  | Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No        |  | 8161 - 2,4-D                                                                       |  | 8270 - 3/4-Methylphenol           |  |
| State, Zip: IA, 50265                                 |  | PO #: 27223133 25                                                                                                                                                                                                      |  | WO #: 31002710                                                                      |  | 8260 - Vinyl Chloride                                                              |  | App I VOCs                        |  |
| Phone: 319-331-9613(Tel)                              |  | Project #:                                                                                                                                                                                                             |  | Sample Date                                                                         |  | Sample Time                                                                        |  | Sample Type (C=Comp, G=grab)      |  |
| Email: SMarczewski@scsengineers.com                   |  | Project Name: Clinton County South 1st 2025 GW Sampling Event                                                                                                                                                          |  | Sample Date                                                                         |  | Sample Time                                                                        |  | Matrix (Water, Sealed, Overstool) |  |
| Site:                                                 |  | SSOW#:                                                                                                                                                                                                                 |  | Sample Date                                                                         |  | Sample Time                                                                        |  | Preservation Code                 |  |
| Sample Identification                                 |  | MW-41                                                                                                                                                                                                                  |  | 3-25-25                                                                             |  | 13:44                                                                              |  | 6                                 |  |
|                                                       |  | MW-42                                                                                                                                                                                                                  |  | 3-25-25                                                                             |  | 15:10                                                                              |  | 6                                 |  |
|                                                       |  | MW-90-11                                                                                                                                                                                                               |  | 3-25-25                                                                             |  | 09:03                                                                              |  | 6                                 |  |
|                                                       |  | MW-20                                                                                                                                                                                                                  |  | 3-25-25                                                                             |  | 09:53                                                                              |  | 6                                 |  |
|                                                       |  | MW-24                                                                                                                                                                                                                  |  | 3-25-25                                                                             |  | 11:29                                                                              |  | 6                                 |  |
|                                                       |  | MW-32                                                                                                                                                                                                                  |  | 3-26-25                                                                             |  | 10:42                                                                              |  | 6                                 |  |
|                                                       |  | MW-33                                                                                                                                                                                                                  |  | 3-26-25                                                                             |  | 09:30                                                                              |  | 6                                 |  |
|                                                       |  | MW-34                                                                                                                                                                                                                  |  |                                                                                     |  |                                                                                    |  |                                   |  |
|                                                       |  | MW-90-18                                                                                                                                                                                                               |  |                                                                                     |  |                                                                                    |  |                                   |  |
|                                                       |  | MW-D1                                                                                                                                                                                                                  |  | 3-25-25                                                                             |  | 10:51                                                                              |  | 6                                 |  |
|                                                       |  | MW-D2                                                                                                                                                                                                                  |  | 3-26-25                                                                             |  | 10:42                                                                              |  | 6                                 |  |
| Possible Hazard Identification                        |  | <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological |  | Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) |  | <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab |  | Archive For _____ Months          |  |
| Deliverable Requested 1, II, III, IV, Other (specify) |  | Special Instructions/QC Requirements:                                                                                                                                                                                  |  | Special Instructions/Note:                                                          |  | Other:                                                                             |  | Preservation Codes:               |  |
| Empty Kit Relinquished by                             |  | Date:                                                                                                                                                                                                                  |  | Time:                                                                               |  | Method of Shipment:                                                                |  | Company                           |  |
| Relinquished by: <b>Konner Both</b>                   |  | Date/Time: 3-27-25 / 14:00                                                                                                                                                                                             |  | Company: SCS                                                                        |  | Received by:                                                                       |  | Date/Time:                        |  |
| Relinquished by:                                      |  | Date/Time:                                                                                                                                                                                                             |  | Company:                                                                            |  | Received by:                                                                       |  | Date/Time:                        |  |
| Relinquished by:                                      |  | Date/Time:                                                                                                                                                                                                             |  | Company:                                                                            |  | Received by:                                                                       |  | Date/Time:                        |  |
| Custody Seals Intact: A Yes A No                      |  | Custody Seal No                                                                                                                                                                                                        |  | Cooler Temperature(s) °C and Other Remarks:                                         |  | 3-27-25 1625                                                                       |  | Company: <b>SCS</b>               |  |

Eurofins Cedar Falls

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

Chain of Custody Record

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|                                                                                                                                                                                                                                                          |         |                                    |             |                                             |                                                           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|------------------------------------|-------------|---------------------------------------------|-----------------------------------------------------------|
| Client Information                                                                                                                                                                                                                                       |         | Lab PM: Miller Samuel              |             | Carrier Tracking No(s): 310-104630-27842.1  |                                                           |
| Client Contact: Sean Marczewski                                                                                                                                                                                                                          |         | E-Mail: Samuel.Miller@eurofins.com |             | Page: Page 1 of 3                           |                                                           |
| Company: SCS Engineers                                                                                                                                                                                                                                   |         | PWSID:                             |             | Job #:                                      |                                                           |
| Address: 1690 All State Court Suite 100                                                                                                                                                                                                                  |         | Due Date Requested:                |             | Preservation Codes:                         |                                                           |
| City: West Des Moines                                                                                                                                                                                                                                    |         | TAT Requested (days):              |             |                                             |                                                           |
| State, Zip: IA, 50265                                                                                                                                                                                                                                    |         | Compliance Project: Δ Yes Δ No     |             |                                             |                                                           |
| Phone: 319-331-9613(Tel)                                                                                                                                                                                                                                 |         | PO #: 27223133 25                  |             |                                             |                                                           |
| Email: SMarczewski@scsengineers.com                                                                                                                                                                                                                      |         | WO #:                              |             |                                             |                                                           |
| Project Name: Clinton County South 1st 2025 GW Sampling Event                                                                                                                                                                                            |         | Project #: 31002710                |             |                                             |                                                           |
| Site:                                                                                                                                                                                                                                                    |         | SSOW#:                             |             |                                             |                                                           |
| Sample Identification                                                                                                                                                                                                                                    |         | Sample Date                        | Sample Time | Sample Type (C=Comp, G=grab)                | Matrix (W=water, S=solid, O=wastewater, BT=Tissue, A=Air) |
| MW-05-2                                                                                                                                                                                                                                                  | 3-25-25 | 14:27                              | 6           | Water                                       | Water                                                     |
| MW-05-3                                                                                                                                                                                                                                                  |         |                                    |             | Water                                       | Water                                                     |
| MW-05-8R                                                                                                                                                                                                                                                 | 3-25-25 | 12:40                              |             | Water                                       | Water                                                     |
| MW-19                                                                                                                                                                                                                                                    | 3-25-25 | 10:51                              | 6           | Water                                       | Water                                                     |
| MW-25R                                                                                                                                                                                                                                                   |         |                                    |             | Water                                       | Water                                                     |
| MW-28                                                                                                                                                                                                                                                    |         |                                    |             | Water                                       | Water                                                     |
| MW-29                                                                                                                                                                                                                                                    | 3-25-25 | 15:58                              | 6           | Water                                       | Water                                                     |
| UD-2                                                                                                                                                                                                                                                     |         |                                    |             | Water                                       | Water                                                     |
| GU-1                                                                                                                                                                                                                                                     |         |                                    |             | Water                                       | Water                                                     |
| MW-39                                                                                                                                                                                                                                                    | 3-25-25 | 16:41                              |             | Water                                       | Water                                                     |
| MW-40                                                                                                                                                                                                                                                    | 3-25-25 | 12:19                              | 6           | Water                                       | Water                                                     |
| Possible Hazard Identification<br><input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological |         |                                    |             |                                             |                                                           |
| Deliverable Requested 1, II, III, IV, Other (specify)                                                                                                                                                                                                    |         |                                    |             |                                             |                                                           |
| Empty Kit Relinquished by                                                                                                                                                                                                                                |         |                                    |             |                                             |                                                           |
| Relinquished by: Kanner Roth                                                                                                                                                                                                                             |         | Date/Time: 3-27-25/14:00           |             | Company: SCS                                |                                                           |
| Relinquished by:                                                                                                                                                                                                                                         |         | Date/Time:                         |             | Company:                                    |                                                           |
| Relinquished by:                                                                                                                                                                                                                                         |         | Date/Time:                         |             | Company:                                    |                                                           |
| Custody Seals Intact: Δ Yes Δ No                                                                                                                                                                                                                         |         | Custody Seal No                    |             | Cooler Temperature(s) °C and Other Remarks: |                                                           |



KE

## Login Sample Receipt Checklist

Client: SCS Engineers

Job Number: 310-302891-1

**Login Number: 302891**

**List Source: Eurofins Cedar Falls**

**List Number: 1**

**Creator: Bunker, Xavier M**

| Question                                                                                 | Answer | Comment |
|------------------------------------------------------------------------------------------|--------|---------|
| Radioactivity wasn't checked or is $\leq$ 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 $<6\text{mm}$ (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: SCS Engineers

Job Number: 310-302891-1

**Login Number: 302891**

**List Number: 2**

**Creator: Foreman, Kai**

**List Source: Eurofins Lancaster Laboratories Environment Testing, LLC**

**List Creation: 03/29/25 01:37 PM**

| 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    |                                    |
| VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?      | N/A    |                                    |

# ANALYTICAL REPORT

## PREPARED FOR

Attn: Nathan Ohrt  
SCS Engineers  
1690 All State Court  
Suite 100  
West Des Moines, Iowa 50265

Generated 4/8/2025 10:48:59 AM

## JOB DESCRIPTION

Clinton County North 1st 2025 GW Sampling Event  
Clinton County North

## JOB NUMBER

310-302895-1



# Eurofins Cedar Falls

## Job Notes

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

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

## Authorization



Generated  
4/8/2025 10:48:59 AM

Authorized for release by  
Samuel Miller, Project Management Assistant I  
[Samuel.Miller@et.eurofinsus.com](mailto:Samuel.Miller@et.eurofinsus.com)  
(319)277-2401

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## Case Narrative

Client: SCS Engineers  
Project: Clinton County North 1st 2025 GW Sampling Event

Job ID: 310-302895-1

**Job ID: 310-302895-1**

**Eurofins Cedar Falls**

### **Job Narrative 310-302895-1**

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 4:25 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.6°C.

#### **GC/MS VOA**

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.

Eurofins Cedar Falls

## Sample Summary

Client: SCS Engineers

Project/Site: Clinton County North 1st 2025 GW Sampling  
Event

Job ID: 310-302895-1  
SDG: Clinton County North

| Lab Sample ID | Client Sample ID | Matrix | Collected      | Received       |
|---------------|------------------|--------|----------------|----------------|
| 310-302895-1  | MW-06-7R         | Water  | 03/24/25 15:01 | 03/27/25 16:25 |
| 310-302895-2  | MW-90-13         | Water  | 03/24/25 17:52 | 03/27/25 16:25 |
| 310-302895-3  | MW-03-16         | Water  | 03/24/25 15:48 | 03/27/25 16:25 |
| 310-302895-4  | PZ-R3            | Water  | 03/24/25 16:38 | 03/27/25 16:25 |
| 310-302895-5  | PZ-R4            | Water  | 03/24/25 17:29 | 03/27/25 16:25 |
| 310-302895-6  | MW-06-6R         | Water  | 03/24/25 14:17 | 03/27/25 16:25 |
| 310-302895-7  | MW-D             | Water  | 03/24/25 15:48 | 03/27/25 16:25 |
| 310-302895-8  | Trip Blank       | Water  | 03/24/25 00:00 | 03/27/25 16:25 |

## Detection Summary

Client: SCS Engineers  
Project/Site: Clinton County North 1st 2025 GW Sampling  
Event

Job ID: 310-302895-1  
SDG: Clinton County North

### Client Sample ID: MW-06-7R

### Lab Sample ID: 310-302895-1

| Analyte                | Result  | Qualifier | RL      | MDL      | Unit | Dil Fac | D | Method    | Prep Type |
|------------------------|---------|-----------|---------|----------|------|---------|---|-----------|-----------|
| Arsenic                | 0.00242 |           | 0.00200 | 0.000530 | mg/L | 1       |   | 6020B     | Total/NA  |
| Barium                 | 0.116   |           | 0.00200 | 0.000660 | mg/L | 1       |   | 6020B     | Total/NA  |
| Total Suspended Solids | 18.4    |           | 1.88    | 1.31     | mg/L | 1       |   | I-3765-85 | Total/NA  |

### Client Sample ID: MW-90-13

### Lab Sample ID: 310-302895-2

| Analyte             | Result | Qualifier | RL    | MDL   | Unit | Dil Fac | D | Method | Prep Type |
|---------------------|--------|-----------|-------|-------|------|---------|---|--------|-----------|
| 1,4-Dichlorobenzene | 0.927  | J         | 1.00  | 0.230 | ug/L | 1       |   | 8260D  | Total/NA  |
| Benzene             | 1.93   |           | 0.500 | 0.220 | ug/L | 1       |   | 8260D  | Total/NA  |
| Chlorobenzene       | 1.81   |           | 1.00  | 0.400 | ug/L | 1       |   | 8260D  | Total/NA  |
| Chloroethane        | 0.855  | J         | 4.00  | 0.790 | ug/L | 1       |   | 8260D  | Total/NA  |

### Client Sample ID: MW-03-16

### Lab Sample ID: 310-302895-3

| Analyte                | Result  | Qualifier | RL       | MDL      | Unit | Dil Fac | D | Method    | Prep Type |
|------------------------|---------|-----------|----------|----------|------|---------|---|-----------|-----------|
| 1,4-Dichlorobenzene    | 1.83    |           | 1.00     | 0.230    | ug/L | 1       |   | 8260D     | Total/NA  |
| Acetone                | 6.92    | J         | 10.0     | 3.10     | ug/L | 1       |   | 8260D     | Total/NA  |
| Benzene                | 11.2    |           | 0.500    | 0.220    | ug/L | 1       |   | 8260D     | Total/NA  |
| Chlorobenzene          | 8.29    |           | 1.00     | 0.400    | ug/L | 1       |   | 8260D     | Total/NA  |
| Chloroethane           | 1.38    | J         | 4.00     | 0.790    | ug/L | 1       |   | 8260D     | Total/NA  |
| Xylenes, Total         | 0.405   | J         | 3.00     | 0.400    | ug/L | 1       |   | 8260D     | Total/NA  |
| Arsenic                | 0.125   |           | 0.00200  | 0.000530 | mg/L | 1       |   | 6020B     | Total/NA  |
| Barium                 | 0.386   |           | 0.00200  | 0.000660 | mg/L | 1       |   | 6020B     | Total/NA  |
| Cobalt                 | 0.00626 |           | 0.000500 | 0.000170 | mg/L | 1       |   | 6020B     | Total/NA  |
| Nickel                 | 0.0417  |           | 0.00500  | 0.00230  | mg/L | 1       |   | 6020B     | Total/NA  |
| Total Suspended Solids | 103     |           | 15.0     | 10.5     | mg/L | 1       |   | I-3765-85 | Total/NA  |

### Client Sample ID: PZ-R3

### Lab Sample ID: 310-302895-4

| Analyte                | Result | Qualifier | RL      | MDL      | Unit | Dil Fac | D | Method    | Prep Type |
|------------------------|--------|-----------|---------|----------|------|---------|---|-----------|-----------|
| Arsenic                | 0.103  |           | 0.00200 | 0.000530 | mg/L | 1       |   | 6020B     | Total/NA  |
| Total Suspended Solids | 180    |           | 15.0    | 10.5     | mg/L | 1       |   | I-3765-85 | Total/NA  |

### Client Sample ID: PZ-R4

### Lab Sample ID: 310-302895-5

| Analyte                | Result   | Qualifier | RL       | MDL      | Unit | Dil Fac | D | Method    | Prep Type |
|------------------------|----------|-----------|----------|----------|------|---------|---|-----------|-----------|
| cis-1,2-Dichloroethene | 0.272    | J         | 1.00     | 0.210    | ug/L | 1       |   | 8260D     | Total/NA  |
| Arsenic                | 0.0147   |           | 0.00200  | 0.000530 | mg/L | 1       |   | 6020B     | Total/NA  |
| Barium                 | 0.365    |           | 0.00200  | 0.000660 | mg/L | 1       |   | 6020B     | Total/NA  |
| Cobalt                 | 0.00249  |           | 0.000500 | 0.000170 | mg/L | 1       |   | 6020B     | Total/NA  |
| Lead                   | 0.000423 | J         | 0.000500 | 0.000330 | mg/L | 1       |   | 6020B     | Total/NA  |
| Nickel                 | 0.0126   |           | 0.00500  | 0.00230  | mg/L | 1       |   | 6020B     | Total/NA  |
| Total Suspended Solids | 110      |           | 15.0     | 10.5     | mg/L | 1       |   | I-3765-85 | Total/NA  |

### Client Sample ID: MW-06-6R

### Lab Sample ID: 310-302895-6

| Analyte  | Result   | Qualifier | RL       | MDL      | Unit | Dil Fac | D | Method | Prep Type |
|----------|----------|-----------|----------|----------|------|---------|---|--------|-----------|
| Antimony | 0.00232  |           | 0.00200  | 0.00100  | mg/L | 1       |   | 6020B  | Total/NA  |
| Arsenic  | 0.00104  | J         | 0.00200  | 0.000530 | mg/L | 1       |   | 6020B  | Total/NA  |
| Barium   | 0.367    |           | 0.00200  | 0.000660 | mg/L | 1       |   | 6020B  | Total/NA  |
| Cobalt   | 0.000607 |           | 0.000500 | 0.000170 | mg/L | 1       |   | 6020B  | Total/NA  |
| Lead     | 0.000464 | J         | 0.000500 | 0.000330 | mg/L | 1       |   | 6020B  | Total/NA  |

This Detection Summary does not include radiochemical test results.

Eurofins Cedar Falls

## Detection Summary

Client: SCS Engineers  
Project/Site: Clinton County North 1st 2025 GW Sampling  
Event

Job ID: 310-302895-1  
SDG: Clinton County North

### Client Sample ID: MW-06-6R (Continued)

Lab Sample ID: 310-302895-6

| Analyte                | Result | Qualifier | RL   | MDL  | Unit | Dil Fac | D | Method    | Prep Type |
|------------------------|--------|-----------|------|------|------|---------|---|-----------|-----------|
| Total Suspended Solids | 20.3   |           | 3.75 | 2.63 | mg/L | 1       |   | I-3765-85 | Total/NA  |

### Client Sample ID: MW-D

Lab Sample ID: 310-302895-7

| Analyte                | Result  | Qualifier | RL       | MDL      | Unit | Dil Fac | D | Method    | Prep Type |
|------------------------|---------|-----------|----------|----------|------|---------|---|-----------|-----------|
| 1,4-Dichlorobenzene    | 1.81    |           | 1.00     | 0.230    | ug/L | 1       |   | 8260D     | Total/NA  |
| Acetone                | 4.79    | J         | 10.0     | 3.10     | ug/L | 1       |   | 8260D     | Total/NA  |
| Benzene                | 11.3    |           | 0.500    | 0.220    | ug/L | 1       |   | 8260D     | Total/NA  |
| Chlorobenzene          | 8.60    |           | 1.00     | 0.400    | ug/L | 1       |   | 8260D     | Total/NA  |
| Chloroethane           | 1.52    | J         | 4.00     | 0.790    | ug/L | 1       |   | 8260D     | Total/NA  |
| Xylenes, Total         | 0.432   | J         | 3.00     | 0.400    | ug/L | 1       |   | 8260D     | Total/NA  |
| Arsenic                | 0.123   |           | 0.00200  | 0.000530 | mg/L | 1       |   | 6020B     | Total/NA  |
| Barium                 | 0.395   |           | 0.00200  | 0.000660 | mg/L | 1       |   | 6020B     | Total/NA  |
| Cobalt                 | 0.00621 |           | 0.000500 | 0.000170 | mg/L | 1       |   | 6020B     | Total/NA  |
| Nickel                 | 0.0408  |           | 0.00500  | 0.00230  | mg/L | 1       |   | 6020B     | Total/NA  |
| Total Suspended Solids | 113     |           | 15.0     | 10.5     | mg/L | 1       |   | I-3765-85 | Total/NA  |

### Client Sample ID: Trip Blank

Lab Sample ID: 310-302895-8

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Cedar Falls

# Quantitation Limit Exceptions Summary

Client: SCS Engineers  
Project/Site: Clinton County North 1st 2025 GW Sampling  
Event

Job ID: 310-302895-1  
SDG: Clinton County North

The requested project specific reporting limits listed below were less than laboratory standard quantitation limits (PQL) but greater than or equal to the laboratory method detection limits (MDL). It must be noted that results reported below lab standard quantitation limits may result in false positive/false negative values and less accurate quantitation. Routine laboratory procedures do not indicate corrective action for detections below the laboratory's PQL.

| Method | Analyte                     | Matrix | Prep Type | Unit | Client RL | Lab PQL |
|--------|-----------------------------|--------|-----------|------|-----------|---------|
| 8260D  | 1,2-Dibromo-3-Chloropropane | Water  | Total/NA  | ug/L | 1.20      | 5       |
| 8260D  | 1,2-Dibromoethane (EDB)     | Water  | Total/NA  | ug/L | 0.340     | 1       |

# Client Sample Results

Client: SCS Engineers  
Project/Site: Clinton County North 1st 2025 GW Sampling  
Event

Job ID: 310-302895-1  
SDG: Clinton County North

Client Sample ID: MW-06-7R

Lab Sample ID: 310-302895-1

Date Collected: 03/24/25 15:01

Matrix: Water

Date Received: 03/27/25 16:25

## 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   | <1.00  |           | 1.00  | 0.380 | ug/L |   |          | 03/29/25 04:45 | 1       |
| 1,1,1-Trichloroethane       | <1.00  |           | 1.00  | 0.190 | ug/L |   |          | 03/29/25 04:45 | 1       |
| 1,1,2,2-Tetrachloroethane   | <1.00  |           | 1.00  | 0.470 | ug/L |   |          | 03/29/25 04:45 | 1       |
| 1,1,2-Trichloroethane       | <1.00  |           | 1.00  | 0.450 | ug/L |   |          | 03/29/25 04:45 | 1       |
| 1,1-Dichloroethane          | <1.00  |           | 1.00  | 0.220 | ug/L |   |          | 03/29/25 04:45 | 1       |
| 1,1-Dichloroethene          | <2.00  |           | 2.00  | 0.560 | ug/L |   |          | 03/29/25 04:45 | 1       |
| 1,2,3-Trichloropropane      | <1.00  |           | 1.00  | 0.590 | ug/L |   |          | 03/29/25 04:45 | 1       |
| 1,2-Dibromo-3-Chloropropane | <1.20  |           | 1.20  | 1.20  | ug/L |   |          | 03/29/25 04:45 | 1       |
| 1,2-Dibromoethane (EDB)     | <0.340 |           | 0.340 | 0.340 | ug/L |   |          | 03/29/25 04:45 | 1       |
| 1,2-Dichlorobenzene         | <1.00  |           | 1.00  | 0.370 | ug/L |   |          | 03/29/25 04:45 | 1       |
| 1,2-Dichloroethane          | <1.00  |           | 1.00  | 0.390 | ug/L |   |          | 03/29/25 04:45 | 1       |
| 1,2-Dichloropropane         | <1.00  |           | 1.00  | 0.270 | ug/L |   |          | 03/29/25 04:45 | 1       |
| 1,4-Dichlorobenzene         | <1.00  |           | 1.00  | 0.230 | ug/L |   |          | 03/29/25 04:45 | 1       |
| 2-Butanone (MEK)            | <10.0  |           | 10.0  | 2.10  | ug/L |   |          | 03/29/25 04:45 | 1       |
| 2-Hexanone                  | <10.0  |           | 10.0  | 2.00  | ug/L |   |          | 03/29/25 04:45 | 1       |
| 4-Methyl-2-pentanone (MIBK) | <10.0  |           | 10.0  | 2.10  | ug/L |   |          | 03/29/25 04:45 | 1       |
| Acetone                     | <10.0  |           | 10.0  | 3.10  | ug/L |   |          | 03/29/25 04:45 | 1       |
| Acrylonitrile               | <10.0  |           | 10.0  | 2.20  | ug/L |   |          | 03/29/25 04:45 | 1       |
| Benzene                     | <0.500 |           | 0.500 | 0.220 | ug/L |   |          | 03/29/25 04:45 | 1       |
| Bromochloromethane          | <5.00  |           | 5.00  | 0.540 | ug/L |   |          | 03/29/25 04:45 | 1       |
| Bromodichloromethane        | <1.00  |           | 1.00  | 0.390 | ug/L |   |          | 03/29/25 04:45 | 1       |
| Bromoform                   | <5.00  |           | 5.00  | 0.780 | ug/L |   |          | 03/29/25 04:45 | 1       |
| Bromomethane                | <4.00  |           | 4.00  | 1.10  | ug/L |   |          | 03/29/25 04:45 | 1       |
| Carbon disulfide            | <1.00  |           | 1.00  | 0.450 | ug/L |   |          | 03/29/25 04:45 | 1       |
| Carbon tetrachloride        | <2.00  |           | 2.00  | 0.650 | ug/L |   |          | 03/29/25 04:45 | 1       |
| Chlorobenzene               | <1.00  |           | 1.00  | 0.400 | ug/L |   |          | 03/29/25 04:45 | 1       |
| Chlorodibromomethane        | <5.00  |           | 5.00  | 0.750 | ug/L |   |          | 03/29/25 04:45 | 1       |
| Chloroethane                | <4.00  |           | 4.00  | 0.790 | ug/L |   |          | 03/29/25 04:45 | 1       |
| Chloroform                  | <3.00  |           | 3.00  | 1.30  | ug/L |   |          | 03/29/25 04:45 | 1       |
| Chloromethane               | <3.00  |           | 3.00  | 0.610 | ug/L |   |          | 03/29/25 04:45 | 1       |
| cis-1,2-Dichloroethene      | <1.00  |           | 1.00  | 0.210 | ug/L |   |          | 03/29/25 04:45 | 1       |
| Iodomethane                 | <10.0  |           | 10.0  | 7.00  | ug/L |   |          | 04/01/25 20:27 | 1       |
| cis-1,3-Dichloropropene     | <5.00  |           | 5.00  | 0.250 | ug/L |   |          | 03/29/25 04:45 | 1       |
| Dibromomethane              | <1.00  |           | 1.00  | 0.330 | ug/L |   |          | 03/29/25 04:45 | 1       |
| Ethylbenzene                | <1.00  |           | 1.00  | 0.310 | ug/L |   |          | 03/29/25 04:45 | 1       |
| Methylene Chloride          | <5.00  |           | 5.00  | 1.70  | ug/L |   |          | 03/29/25 04:45 | 1       |
| Styrene                     | <1.00  |           | 1.00  | 0.370 | ug/L |   |          | 03/29/25 04:45 | 1       |
| Tetrachloroethene           | <1.00  |           | 1.00  | 0.480 | ug/L |   |          | 03/29/25 04:45 | 1       |
| Toluene                     | <1.00  |           | 1.00  | 0.430 | ug/L |   |          | 03/29/25 04:45 | 1       |
| trans-1,2-Dichloroethene    | <1.00  |           | 1.00  | 0.270 | ug/L |   |          | 03/29/25 04:45 | 1       |
| trans-1,3-Dichloropropene   | <5.00  |           | 5.00  | 0.560 | ug/L |   |          | 03/29/25 04:45 | 1       |
| trans-1,4-Dichloro-2-butene | <10.0  |           | 10.0  | 1.10  | ug/L |   |          | 03/29/25 04:45 | 1       |
| Trichloroethene             | <1.00  |           | 1.00  | 0.430 | ug/L |   |          | 03/29/25 04:45 | 1       |
| Trichlorofluoromethane      | <4.00  |           | 4.00  | 0.380 | ug/L |   |          | 03/29/25 04:45 | 1       |
| Vinyl acetate               | <10.0  |           | 10.0  | 2.50  | ug/L |   |          | 03/29/25 04:45 | 1       |
| Vinyl chloride              | <1.00  |           | 1.00  | 0.180 | ug/L |   |          | 03/29/25 04:45 | 1       |
| Xylenes, Total              | <3.00  |           | 3.00  | 0.400 | ug/L |   |          | 03/29/25 04:45 | 1       |

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# Client Sample Results

Client: SCS Engineers  
Project/Site: Clinton County North 1st 2025 GW Sampling  
Event

Job ID: 310-302895-1  
SDG: Clinton County North

Client Sample ID: MW-06-7R

Lab Sample ID: 310-302895-1

Date Collected: 03/24/25 15:01

Matrix: Water

Date Received: 03/27/25 16:25

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 107       |           | 80 - 120 |          | 04/01/25 20:27 | 1       |
| Dibromofluoromethane (Surr) | 108       |           | 73 - 130 |          | 04/01/25 20:27 | 1       |
| Toluene-d8 (Surr)           | 97        |           | 80 - 120 |          | 04/01/25 20:27 | 1       |
| Dibromofluoromethane (Surr) | 108       |           | 73 - 130 |          | 03/29/25 04:45 | 1       |
| Toluene-d8 (Surr)           | 97        |           | 80 - 120 |          | 03/29/25 04:45 | 1       |
| 4-Bromofluorobenzene (Surr) | 105       |           | 80 - 120 |          | 03/29/25 04:45 | 1       |

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

| Analyte   | Result    | Qualifier | RL       | MDL      | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------|-----------|-----------|----------|----------|------|---|----------------|----------------|---------|
| Antimony  | <0.00200  |           | 0.00200  | 0.00100  | mg/L |   | 04/02/25 09:00 | 04/04/25 14:24 | 1       |
| Arsenic   | 0.00242   |           | 0.00200  | 0.000530 | mg/L |   | 04/02/25 09:00 | 04/04/25 14:24 | 1       |
| Barium    | 0.116     |           | 0.00200  | 0.000660 | mg/L |   | 04/02/25 09:00 | 04/04/25 14:24 | 1       |
| Beryllium | <0.00100  |           | 0.00100  | 0.000330 | mg/L |   | 04/02/25 09:00 | 04/07/25 12:35 | 1       |
| Cadmium   | <0.000200 |           | 0.000200 | 0.000100 | mg/L |   | 04/02/25 09:00 | 04/04/25 14:24 | 1       |
| Chromium  | <0.00500  |           | 0.00500  | 0.00180  | mg/L |   | 04/02/25 09:00 | 04/04/25 14:24 | 1       |
| Cobalt    | <0.000500 |           | 0.000500 | 0.000170 | mg/L |   | 04/02/25 09:00 | 04/04/25 14:24 | 1       |
| Copper    | <0.00500  |           | 0.00500  | 0.00320  | mg/L |   | 04/02/25 09:00 | 04/04/25 14:24 | 1       |
| Lead      | <0.000500 |           | 0.000500 | 0.000330 | mg/L |   | 04/02/25 09:00 | 04/04/25 14:24 | 1       |
| Nickel    | <0.00500  |           | 0.00500  | 0.00230  | mg/L |   | 04/02/25 09:00 | 04/04/25 14:24 | 1       |
| Selenium  | <0.00500  |           | 0.00500  | 0.00140  | mg/L |   | 04/02/25 09:00 | 04/04/25 14:24 | 1       |
| Silver    | <0.00100  |           | 0.00100  | 0.000500 | mg/L |   | 04/02/25 09:00 | 04/04/25 14:24 | 1       |
| Thallium  | <0.00100  |           | 0.00100  | 0.000570 | mg/L |   | 04/02/25 09:00 | 04/04/25 14:24 | 1       |
| Vanadium  | <0.00500  |           | 0.00500  | 0.00170  | mg/L |   | 04/02/25 09:00 | 04/04/25 14:24 | 1       |
| Zinc      | <0.0200   |           | 0.0200   | 0.0130   | mg/L |   | 04/02/25 09:00 | 04/04/25 14:24 | 1       |

## General Chemistry

| Analyte                                 | Result | Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------------------|--------|-----------|------|------|------|---|----------|----------------|---------|
| Total Suspended Solids (USGS I-3765-85) | 18.4   |           | 1.88 | 1.31 | mg/L |   |          | 03/28/25 07:41 | 1       |

# Client Sample Results

Client: SCS Engineers  
Project/Site: Clinton County North 1st 2025 GW Sampling  
Event

Job ID: 310-302895-1  
SDG: Clinton County North

Client Sample ID: MW-90-13

Lab Sample ID: 310-302895-2

Date Collected: 03/24/25 17:52

Matrix: Water

Date Received: 03/27/25 16:25

## 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   | <1.00  |           | 1.00  | 0.380 | ug/L |   |          | 03/29/25 05:08 | 1       |
| 1,1,1-Trichloroethane       | <1.00  |           | 1.00  | 0.190 | ug/L |   |          | 03/29/25 05:08 | 1       |
| 1,1,2,2-Tetrachloroethane   | <1.00  |           | 1.00  | 0.470 | ug/L |   |          | 03/29/25 05:08 | 1       |
| 1,1,2-Trichloroethane       | <1.00  |           | 1.00  | 0.450 | ug/L |   |          | 03/29/25 05:08 | 1       |
| 1,1-Dichloroethane          | <1.00  |           | 1.00  | 0.220 | ug/L |   |          | 03/29/25 05:08 | 1       |
| 1,1-Dichloroethene          | <2.00  |           | 2.00  | 0.560 | ug/L |   |          | 03/29/25 05:08 | 1       |
| 1,2,3-Trichloropropane      | <1.00  |           | 1.00  | 0.590 | ug/L |   |          | 03/29/25 05:08 | 1       |
| 1,2-Dibromo-3-Chloropropane | <1.20  |           | 1.20  | 1.20  | ug/L |   |          | 03/29/25 05:08 | 1       |
| 1,2-Dibromoethane (EDB)     | <0.340 |           | 0.340 | 0.340 | ug/L |   |          | 03/29/25 05:08 | 1       |
| 1,2-Dichlorobenzene         | <1.00  |           | 1.00  | 0.370 | ug/L |   |          | 03/29/25 05:08 | 1       |
| 1,2-Dichloroethane          | <1.00  |           | 1.00  | 0.390 | ug/L |   |          | 03/29/25 05:08 | 1       |
| 1,2-Dichloropropane         | <1.00  |           | 1.00  | 0.270 | ug/L |   |          | 03/29/25 05:08 | 1       |
| 1,4-Dichlorobenzene         | 0.927  | J         | 1.00  | 0.230 | ug/L |   |          | 03/29/25 05:08 | 1       |
| 2-Butanone (MEK)            | <10.0  |           | 10.0  | 2.10  | ug/L |   |          | 03/29/25 05:08 | 1       |
| 2-Hexanone                  | <10.0  |           | 10.0  | 2.00  | ug/L |   |          | 03/29/25 05:08 | 1       |
| 4-Methyl-2-pentanone (MIBK) | <10.0  |           | 10.0  | 2.10  | ug/L |   |          | 03/29/25 05:08 | 1       |
| Acetone                     | <10.0  |           | 10.0  | 3.10  | ug/L |   |          | 03/29/25 05:08 | 1       |
| Acrylonitrile               | <10.0  |           | 10.0  | 2.20  | ug/L |   |          | 03/29/25 05:08 | 1       |
| Benzene                     | 1.93   |           | 0.500 | 0.220 | ug/L |   |          | 03/29/25 05:08 | 1       |
| Bromochloromethane          | <5.00  |           | 5.00  | 0.540 | ug/L |   |          | 03/29/25 05:08 | 1       |
| Bromodichloromethane        | <1.00  |           | 1.00  | 0.390 | ug/L |   |          | 03/29/25 05:08 | 1       |
| Bromoform                   | <5.00  |           | 5.00  | 0.780 | ug/L |   |          | 03/29/25 05:08 | 1       |
| Bromomethane                | <4.00  |           | 4.00  | 1.10  | ug/L |   |          | 03/29/25 05:08 | 1       |
| Carbon disulfide            | <1.00  |           | 1.00  | 0.450 | ug/L |   |          | 03/29/25 05:08 | 1       |
| Carbon tetrachloride        | <2.00  |           | 2.00  | 0.650 | ug/L |   |          | 03/29/25 05:08 | 1       |
| Chlorobenzene               | 1.81   |           | 1.00  | 0.400 | ug/L |   |          | 03/29/25 05:08 | 1       |
| Chlorodibromomethane        | <5.00  |           | 5.00  | 0.750 | ug/L |   |          | 03/29/25 05:08 | 1       |
| Chloroethane                | 0.855  | J         | 4.00  | 0.790 | ug/L |   |          | 03/29/25 05:08 | 1       |
| Chloroform                  | <3.00  |           | 3.00  | 1.30  | ug/L |   |          | 03/29/25 05:08 | 1       |
| Chloromethane               | <3.00  |           | 3.00  | 0.610 | ug/L |   |          | 03/29/25 05:08 | 1       |
| cis-1,2-Dichloroethene      | <1.00  |           | 1.00  | 0.210 | ug/L |   |          | 03/29/25 05:08 | 1       |
| Iodomethane                 | <10.0  |           | 10.0  | 7.00  | ug/L |   |          | 04/01/25 20:49 | 1       |
| cis-1,3-Dichloropropene     | <5.00  |           | 5.00  | 0.250 | ug/L |   |          | 03/29/25 05:08 | 1       |
| Dibromomethane              | <1.00  |           | 1.00  | 0.330 | ug/L |   |          | 03/29/25 05:08 | 1       |
| Ethylbenzene                | <1.00  |           | 1.00  | 0.310 | ug/L |   |          | 03/29/25 05:08 | 1       |
| Methylene Chloride          | <5.00  |           | 5.00  | 1.70  | ug/L |   |          | 03/29/25 05:08 | 1       |
| Styrene                     | <1.00  |           | 1.00  | 0.370 | ug/L |   |          | 03/29/25 05:08 | 1       |
| Tetrachloroethene           | <1.00  |           | 1.00  | 0.480 | ug/L |   |          | 03/29/25 05:08 | 1       |
| Toluene                     | <1.00  |           | 1.00  | 0.430 | ug/L |   |          | 03/29/25 05:08 | 1       |
| trans-1,2-Dichloroethene    | <1.00  |           | 1.00  | 0.270 | ug/L |   |          | 03/29/25 05:08 | 1       |
| trans-1,3-Dichloropropene   | <5.00  |           | 5.00  | 0.560 | ug/L |   |          | 03/29/25 05:08 | 1       |
| trans-1,4-Dichloro-2-butene | <10.0  |           | 10.0  | 1.10  | ug/L |   |          | 03/29/25 05:08 | 1       |
| Trichloroethene             | <1.00  |           | 1.00  | 0.430 | ug/L |   |          | 03/29/25 05:08 | 1       |
| Trichlorofluoromethane      | <4.00  |           | 4.00  | 0.380 | ug/L |   |          | 03/29/25 05:08 | 1       |
| Vinyl acetate               | <10.0  |           | 10.0  | 2.50  | ug/L |   |          | 03/29/25 05:08 | 1       |
| Vinyl chloride              | <1.00  |           | 1.00  | 0.180 | ug/L |   |          | 03/29/25 05:08 | 1       |
| Xylenes, Total              | <3.00  |           | 3.00  | 0.400 | ug/L |   |          | 03/29/25 05:08 | 1       |

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## Client Sample Results

Client: SCS Engineers  
Project/Site: Clinton County North 1st 2025 GW Sampling  
Event

Job ID: 310-302895-1  
SDG: Clinton County North

**Client Sample ID: MW-90-13**

**Lab Sample ID: 310-302895-2**

**Date Collected: 03/24/25 17:52**

**Matrix: Water**

**Date Received: 03/27/25 16:25**

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 106       |           | 80 - 120 |          | 04/01/25 20:49 | 1       |
| Dibromofluoromethane (Surr) | 111       |           | 73 - 130 |          | 04/01/25 20:49 | 1       |
| Toluene-d8 (Surr)           | 97        |           | 80 - 120 |          | 04/01/25 20:49 | 1       |
| Dibromofluoromethane (Surr) | 109       |           | 73 - 130 |          | 03/29/25 05:08 | 1       |
| Toluene-d8 (Surr)           | 96        |           | 80 - 120 |          | 03/29/25 05:08 | 1       |
| 4-Bromofluorobenzene (Surr) | 103       |           | 80 - 120 |          | 03/29/25 05:08 | 1       |

# Client Sample Results

Client: SCS Engineers  
Project/Site: Clinton County North 1st 2025 GW Sampling  
Event

Job ID: 310-302895-1  
SDG: Clinton County North

Client Sample ID: MW-03-16

Lab Sample ID: 310-302895-3

Date Collected: 03/24/25 15:48

Matrix: Water

Date Received: 03/27/25 16:25

## 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   | <1.00  |           | 1.00  | 0.380 | ug/L |   |          | 03/29/25 05:31 | 1       |
| 1,1,1-Trichloroethane       | <1.00  |           | 1.00  | 0.190 | ug/L |   |          | 03/29/25 05:31 | 1       |
| 1,1,2,2-Tetrachloroethane   | <1.00  |           | 1.00  | 0.470 | ug/L |   |          | 03/29/25 05:31 | 1       |
| 1,1,2-Trichloroethane       | <1.00  |           | 1.00  | 0.450 | ug/L |   |          | 03/29/25 05:31 | 1       |
| 1,1-Dichloroethane          | <1.00  |           | 1.00  | 0.220 | ug/L |   |          | 03/29/25 05:31 | 1       |
| 1,1-Dichloroethene          | <2.00  |           | 2.00  | 0.560 | ug/L |   |          | 03/29/25 05:31 | 1       |
| 1,2,3-Trichloropropane      | <1.00  |           | 1.00  | 0.590 | ug/L |   |          | 03/29/25 05:31 | 1       |
| 1,2-Dibromo-3-Chloropropane | <1.20  |           | 1.20  | 1.20  | ug/L |   |          | 03/29/25 05:31 | 1       |
| 1,2-Dibromoethane (EDB)     | <0.340 |           | 0.340 | 0.340 | ug/L |   |          | 03/29/25 05:31 | 1       |
| 1,2-Dichlorobenzene         | <1.00  |           | 1.00  | 0.370 | ug/L |   |          | 03/29/25 05:31 | 1       |
| 1,2-Dichloroethane          | <1.00  |           | 1.00  | 0.390 | ug/L |   |          | 03/29/25 05:31 | 1       |
| 1,2-Dichloropropane         | <1.00  |           | 1.00  | 0.270 | ug/L |   |          | 03/29/25 05:31 | 1       |
| 1,4-Dichlorobenzene         | 1.83   |           | 1.00  | 0.230 | ug/L |   |          | 03/29/25 05:31 | 1       |
| 2-Butanone (MEK)            | <10.0  |           | 10.0  | 2.10  | ug/L |   |          | 03/29/25 05:31 | 1       |
| 2-Hexanone                  | <10.0  |           | 10.0  | 2.00  | ug/L |   |          | 03/29/25 05:31 | 1       |
| 4-Methyl-2-pentanone (MIBK) | <10.0  |           | 10.0  | 2.10  | ug/L |   |          | 03/29/25 05:31 | 1       |
| Acetone                     | 6.92   | J         | 10.0  | 3.10  | ug/L |   |          | 03/29/25 05:31 | 1       |
| Acrylonitrile               | <10.0  |           | 10.0  | 2.20  | ug/L |   |          | 03/29/25 05:31 | 1       |
| Benzene                     | 11.2   |           | 0.500 | 0.220 | ug/L |   |          | 03/29/25 05:31 | 1       |
| Bromochloromethane          | <5.00  |           | 5.00  | 0.540 | ug/L |   |          | 03/29/25 05:31 | 1       |
| Bromodichloromethane        | <1.00  |           | 1.00  | 0.390 | ug/L |   |          | 03/29/25 05:31 | 1       |
| Bromoform                   | <5.00  |           | 5.00  | 0.780 | ug/L |   |          | 03/29/25 05:31 | 1       |
| Bromomethane                | <4.00  |           | 4.00  | 1.10  | ug/L |   |          | 03/29/25 05:31 | 1       |
| Carbon disulfide            | <1.00  |           | 1.00  | 0.450 | ug/L |   |          | 03/29/25 05:31 | 1       |
| Carbon tetrachloride        | <2.00  |           | 2.00  | 0.650 | ug/L |   |          | 03/29/25 05:31 | 1       |
| Chlorobenzene               | 8.29   |           | 1.00  | 0.400 | ug/L |   |          | 03/29/25 05:31 | 1       |
| Chlorodibromomethane        | <5.00  |           | 5.00  | 0.750 | ug/L |   |          | 03/29/25 05:31 | 1       |
| Chloroethane                | 1.38   | J         | 4.00  | 0.790 | ug/L |   |          | 03/29/25 05:31 | 1       |
| Chloroform                  | <3.00  |           | 3.00  | 1.30  | ug/L |   |          | 03/29/25 05:31 | 1       |
| Chloromethane               | <3.00  |           | 3.00  | 0.610 | ug/L |   |          | 03/29/25 05:31 | 1       |
| cis-1,2-Dichloroethene      | <1.00  |           | 1.00  | 0.210 | ug/L |   |          | 03/29/25 05:31 | 1       |
| Iodomethane                 | <10.0  |           | 10.0  | 7.00  | ug/L |   |          | 04/01/25 21:11 | 1       |
| cis-1,3-Dichloropropene     | <5.00  |           | 5.00  | 0.250 | ug/L |   |          | 03/29/25 05:31 | 1       |
| Dibromomethane              | <1.00  |           | 1.00  | 0.330 | ug/L |   |          | 03/29/25 05:31 | 1       |
| Ethylbenzene                | <1.00  |           | 1.00  | 0.310 | ug/L |   |          | 03/29/25 05:31 | 1       |
| Methylene Chloride          | <5.00  |           | 5.00  | 1.70  | ug/L |   |          | 03/29/25 05:31 | 1       |
| Styrene                     | <1.00  |           | 1.00  | 0.370 | ug/L |   |          | 03/29/25 05:31 | 1       |
| Tetrachloroethene           | <1.00  |           | 1.00  | 0.480 | ug/L |   |          | 03/29/25 05:31 | 1       |
| Toluene                     | <1.00  |           | 1.00  | 0.430 | ug/L |   |          | 03/29/25 05:31 | 1       |
| trans-1,2-Dichloroethene    | <1.00  |           | 1.00  | 0.270 | ug/L |   |          | 03/29/25 05:31 | 1       |
| trans-1,3-Dichloropropene   | <5.00  |           | 5.00  | 0.560 | ug/L |   |          | 03/29/25 05:31 | 1       |
| trans-1,4-Dichloro-2-butene | <10.0  |           | 10.0  | 1.10  | ug/L |   |          | 03/29/25 05:31 | 1       |
| Trichloroethene             | <1.00  |           | 1.00  | 0.430 | ug/L |   |          | 03/29/25 05:31 | 1       |
| Trichlorofluoromethane      | <4.00  |           | 4.00  | 0.380 | ug/L |   |          | 03/29/25 05:31 | 1       |
| Vinyl acetate               | <10.0  |           | 10.0  | 2.50  | ug/L |   |          | 03/29/25 05:31 | 1       |
| Vinyl chloride              | <1.00  |           | 1.00  | 0.180 | ug/L |   |          | 03/29/25 05:31 | 1       |
| Xylenes, Total              | 0.405  | J         | 3.00  | 0.400 | ug/L |   |          | 03/29/25 05:31 | 1       |

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# Client Sample Results

Client: SCS Engineers  
Project/Site: Clinton County North 1st 2025 GW Sampling  
Event

Job ID: 310-302895-1  
SDG: Clinton County North

Client Sample ID: MW-03-16

Lab Sample ID: 310-302895-3

Date Collected: 03/24/25 15:48

Matrix: Water

Date Received: 03/27/25 16:25

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 99        |           | 80 - 120 |          | 04/01/25 21:11 | 1       |
| Dibromofluoromethane (Surr) | 105       |           | 73 - 130 |          | 04/01/25 21:11 | 1       |
| Toluene-d8 (Surr)           | 98        |           | 80 - 120 |          | 04/01/25 21:11 | 1       |
| Dibromofluoromethane (Surr) | 106       |           | 73 - 130 |          | 03/29/25 05:31 | 1       |
| Toluene-d8 (Surr)           | 95        |           | 80 - 120 |          | 03/29/25 05:31 | 1       |
| 4-Bromofluorobenzene (Surr) | 103       |           | 80 - 120 |          | 03/29/25 05:31 | 1       |

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

| Analyte   | Result    | Qualifier | RL       | MDL      | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------|-----------|-----------|----------|----------|------|---|----------------|----------------|---------|
| Antimony  | <0.00200  |           | 0.00200  | 0.00100  | mg/L |   | 04/02/25 09:00 | 04/04/25 14:00 | 1       |
| Arsenic   | 0.125     |           | 0.00200  | 0.000530 | mg/L |   | 04/02/25 09:00 | 04/04/25 14:00 | 1       |
| Barium    | 0.386     |           | 0.00200  | 0.000660 | mg/L |   | 04/02/25 09:00 | 04/04/25 14:00 | 1       |
| Beryllium | <0.00100  |           | 0.00100  | 0.000330 | mg/L |   | 04/02/25 09:00 | 04/07/25 12:14 | 1       |
| Cadmium   | <0.000200 |           | 0.000200 | 0.000100 | mg/L |   | 04/02/25 09:00 | 04/04/25 14:00 | 1       |
| Chromium  | <0.00500  |           | 0.00500  | 0.00180  | mg/L |   | 04/02/25 09:00 | 04/04/25 14:00 | 1       |
| Cobalt    | 0.00626   |           | 0.000500 | 0.000170 | mg/L |   | 04/02/25 09:00 | 04/04/25 14:00 | 1       |
| Copper    | <0.00500  |           | 0.00500  | 0.00320  | mg/L |   | 04/02/25 09:00 | 04/04/25 14:00 | 1       |
| Lead      | <0.000500 |           | 0.000500 | 0.000330 | mg/L |   | 04/02/25 09:00 | 04/04/25 14:00 | 1       |
| Nickel    | 0.0417    |           | 0.00500  | 0.00230  | mg/L |   | 04/02/25 09:00 | 04/04/25 14:00 | 1       |
| Selenium  | <0.00500  |           | 0.00500  | 0.00140  | mg/L |   | 04/02/25 09:00 | 04/04/25 14:00 | 1       |
| Silver    | <0.00100  |           | 0.00100  | 0.000500 | mg/L |   | 04/02/25 09:00 | 04/04/25 14:00 | 1       |
| Thallium  | <0.00100  |           | 0.00100  | 0.000570 | mg/L |   | 04/02/25 09:00 | 04/04/25 14:00 | 1       |
| Vanadium  | <0.00500  |           | 0.00500  | 0.00170  | mg/L |   | 04/02/25 09:00 | 04/04/25 14:00 | 1       |
| Zinc      | <0.0200   |           | 0.0200   | 0.0130   | mg/L |   | 04/02/25 09:00 | 04/04/25 14:00 | 1       |

## General Chemistry

| Analyte                                 | Result | Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------------------|--------|-----------|------|------|------|---|----------|----------------|---------|
| Total Suspended Solids (USGS I-3765-85) | 103    |           | 15.0 | 10.5 | mg/L |   |          | 03/28/25 07:41 | 1       |

# Client Sample Results

Client: SCS Engineers  
Project/Site: Clinton County North 1st 2025 GW Sampling  
Event

Job ID: 310-302895-1  
SDG: Clinton County North

Client Sample ID: PZ-R3

Lab Sample ID: 310-302895-4

Date Collected: 03/24/25 16:38

Matrix: Water

Date Received: 03/27/25 16:25

## 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   | <1.00  |           | 1.00  | 0.380 | ug/L |   |          | 03/29/25 05:53 | 1       |
| 1,1,1-Trichloroethane       | <1.00  |           | 1.00  | 0.190 | ug/L |   |          | 03/29/25 05:53 | 1       |
| 1,1,2,2-Tetrachloroethane   | <1.00  |           | 1.00  | 0.470 | ug/L |   |          | 03/29/25 05:53 | 1       |
| 1,1,2-Trichloroethane       | <1.00  |           | 1.00  | 0.450 | ug/L |   |          | 03/29/25 05:53 | 1       |
| 1,1-Dichloroethane          | <1.00  |           | 1.00  | 0.220 | ug/L |   |          | 03/29/25 05:53 | 1       |
| 1,1-Dichloroethene          | <2.00  |           | 2.00  | 0.560 | ug/L |   |          | 03/29/25 05:53 | 1       |
| 1,2,3-Trichloropropane      | <1.00  |           | 1.00  | 0.590 | ug/L |   |          | 03/29/25 05:53 | 1       |
| 1,2-Dibromo-3-Chloropropane | <1.20  |           | 1.20  | 1.20  | ug/L |   |          | 03/29/25 05:53 | 1       |
| 1,2-Dibromoethane (EDB)     | <0.340 |           | 0.340 | 0.340 | ug/L |   |          | 03/29/25 05:53 | 1       |
| 1,2-Dichlorobenzene         | <1.00  |           | 1.00  | 0.370 | ug/L |   |          | 03/29/25 05:53 | 1       |
| 1,2-Dichloroethane          | <1.00  |           | 1.00  | 0.390 | ug/L |   |          | 03/29/25 05:53 | 1       |
| 1,2-Dichloropropane         | <1.00  |           | 1.00  | 0.270 | ug/L |   |          | 03/29/25 05:53 | 1       |
| 1,4-Dichlorobenzene         | <1.00  |           | 1.00  | 0.230 | ug/L |   |          | 03/29/25 05:53 | 1       |
| 2-Butanone (MEK)            | <10.0  |           | 10.0  | 2.10  | ug/L |   |          | 03/29/25 05:53 | 1       |
| 2-Hexanone                  | <10.0  |           | 10.0  | 2.00  | ug/L |   |          | 03/29/25 05:53 | 1       |
| 4-Methyl-2-pentanone (MIBK) | <10.0  |           | 10.0  | 2.10  | ug/L |   |          | 03/29/25 05:53 | 1       |
| Acetone                     | <10.0  |           | 10.0  | 3.10  | ug/L |   |          | 03/29/25 05:53 | 1       |
| Acrylonitrile               | <10.0  |           | 10.0  | 2.20  | ug/L |   |          | 03/29/25 05:53 | 1       |
| Benzene                     | <0.500 |           | 0.500 | 0.220 | ug/L |   |          | 03/29/25 05:53 | 1       |
| Bromochloromethane          | <5.00  |           | 5.00  | 0.540 | ug/L |   |          | 03/29/25 05:53 | 1       |
| Bromodichloromethane        | <1.00  |           | 1.00  | 0.390 | ug/L |   |          | 03/29/25 05:53 | 1       |
| Bromoform                   | <5.00  |           | 5.00  | 0.780 | ug/L |   |          | 03/29/25 05:53 | 1       |
| Bromomethane                | <4.00  |           | 4.00  | 1.10  | ug/L |   |          | 03/29/25 05:53 | 1       |
| Carbon disulfide            | <1.00  |           | 1.00  | 0.450 | ug/L |   |          | 03/29/25 05:53 | 1       |
| Carbon tetrachloride        | <2.00  |           | 2.00  | 0.650 | ug/L |   |          | 03/29/25 05:53 | 1       |
| Chlorobenzene               | <1.00  |           | 1.00  | 0.400 | ug/L |   |          | 03/29/25 05:53 | 1       |
| Chlorodibromomethane        | <5.00  |           | 5.00  | 0.750 | ug/L |   |          | 03/29/25 05:53 | 1       |
| Chloroethane                | <4.00  |           | 4.00  | 0.790 | ug/L |   |          | 03/29/25 05:53 | 1       |
| Chloroform                  | <3.00  |           | 3.00  | 1.30  | ug/L |   |          | 03/29/25 05:53 | 1       |
| Chloromethane               | <3.00  |           | 3.00  | 0.610 | ug/L |   |          | 03/29/25 05:53 | 1       |
| cis-1,2-Dichloroethene      | <1.00  |           | 1.00  | 0.210 | ug/L |   |          | 03/29/25 05:53 | 1       |
| Iodomethane                 | <10.0  |           | 10.0  | 7.00  | ug/L |   |          | 04/02/25 23:05 | 1       |
| cis-1,3-Dichloropropene     | <5.00  |           | 5.00  | 0.250 | ug/L |   |          | 03/29/25 05:53 | 1       |
| Dibromomethane              | <1.00  |           | 1.00  | 0.330 | ug/L |   |          | 03/29/25 05:53 | 1       |
| Ethylbenzene                | <1.00  |           | 1.00  | 0.310 | ug/L |   |          | 03/29/25 05:53 | 1       |
| Methylene Chloride          | <5.00  |           | 5.00  | 1.70  | ug/L |   |          | 03/29/25 05:53 | 1       |
| Styrene                     | <1.00  |           | 1.00  | 0.370 | ug/L |   |          | 03/29/25 05:53 | 1       |
| Tetrachloroethene           | <1.00  |           | 1.00  | 0.480 | ug/L |   |          | 03/29/25 05:53 | 1       |
| Toluene                     | <1.00  |           | 1.00  | 0.430 | ug/L |   |          | 03/29/25 05:53 | 1       |
| trans-1,2-Dichloroethene    | <1.00  |           | 1.00  | 0.270 | ug/L |   |          | 03/29/25 05:53 | 1       |
| trans-1,3-Dichloropropene   | <5.00  |           | 5.00  | 0.560 | ug/L |   |          | 03/29/25 05:53 | 1       |
| trans-1,4-Dichloro-2-butene | <10.0  |           | 10.0  | 1.10  | ug/L |   |          | 03/29/25 05:53 | 1       |
| Trichloroethene             | <1.00  |           | 1.00  | 0.430 | ug/L |   |          | 03/29/25 05:53 | 1       |
| Trichlorofluoromethane      | <4.00  |           | 4.00  | 0.380 | ug/L |   |          | 03/29/25 05:53 | 1       |
| Vinyl acetate               | <10.0  |           | 10.0  | 2.50  | ug/L |   |          | 03/29/25 05:53 | 1       |
| Vinyl chloride              | <1.00  |           | 1.00  | 0.180 | ug/L |   |          | 03/29/25 05:53 | 1       |
| Xylenes, Total              | <3.00  |           | 3.00  | 0.400 | ug/L |   |          | 03/29/25 05:53 | 1       |

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# Client Sample Results

Client: SCS Engineers  
Project/Site: Clinton County North 1st 2025 GW Sampling  
Event

Job ID: 310-302895-1  
SDG: Clinton County North

Client Sample ID: PZ-R3

Lab Sample ID: 310-302895-4

Date Collected: 03/24/25 16:38

Matrix: Water

Date Received: 03/27/25 16:25

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 101       |           | 80 - 120 |          | 04/02/25 23:05 | 1       |
| Dibromofluoromethane (Surr) | 108       |           | 73 - 130 |          | 04/02/25 23:05 | 1       |
| Toluene-d8 (Surr)           | 98        |           | 80 - 120 |          | 04/02/25 23:05 | 1       |
| Dibromofluoromethane (Surr) | 106       |           | 73 - 130 |          | 03/29/25 05:53 | 1       |
| Toluene-d8 (Surr)           | 96        |           | 80 - 120 |          | 03/29/25 05:53 | 1       |
| 4-Bromofluorobenzene (Surr) | 99        |           | 80 - 120 |          | 03/29/25 05:53 | 1       |

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

| Analyte | Result | Qualifier | RL      | MDL      | Unit | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|---------|----------|------|---|----------------|----------------|---------|
| Arsenic | 0.103  |           | 0.00200 | 0.000530 | mg/L |   | 04/02/25 09:00 | 04/04/25 14:29 | 1       |

## General Chemistry

| Analyte                                 | Result | Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------------------|--------|-----------|------|------|------|---|----------|----------------|---------|
| Total Suspended Solids (USGS I-3765-85) | 180    |           | 15.0 | 10.5 | mg/L |   |          | 03/28/25 07:41 | 1       |

# Client Sample Results

Client: SCS Engineers  
Project/Site: Clinton County North 1st 2025 GW Sampling  
Event

Job ID: 310-302895-1  
SDG: Clinton County North

Client Sample ID: PZ-R4

Lab Sample ID: 310-302895-5

Date Collected: 03/24/25 17:29

Matrix: Water

Date Received: 03/27/25 16:25

## 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   | <1.00   |           | 1.00  | 0.380 | ug/L |   |          | 03/29/25 06:16 | 1       |
| 1,1,1-Trichloroethane       | <1.00   |           | 1.00  | 0.190 | ug/L |   |          | 03/29/25 06:16 | 1       |
| 1,1,2,2-Tetrachloroethane   | <1.00   |           | 1.00  | 0.470 | ug/L |   |          | 03/29/25 06:16 | 1       |
| 1,1,2-Trichloroethane       | <1.00   |           | 1.00  | 0.450 | ug/L |   |          | 03/29/25 06:16 | 1       |
| 1,1-Dichloroethane          | <1.00   |           | 1.00  | 0.220 | ug/L |   |          | 03/29/25 06:16 | 1       |
| 1,1-Dichloroethene          | <2.00   |           | 2.00  | 0.560 | ug/L |   |          | 03/29/25 06:16 | 1       |
| 1,2,3-Trichloropropane      | <1.00   |           | 1.00  | 0.590 | ug/L |   |          | 03/29/25 06:16 | 1       |
| 1,2-Dibromo-3-Chloropropane | <1.20   |           | 1.20  | 1.20  | ug/L |   |          | 03/29/25 06:16 | 1       |
| 1,2-Dibromoethane (EDB)     | <0.340  |           | 0.340 | 0.340 | ug/L |   |          | 03/29/25 06:16 | 1       |
| 1,2-Dichlorobenzene         | <1.00   |           | 1.00  | 0.370 | ug/L |   |          | 03/29/25 06:16 | 1       |
| 1,2-Dichloroethane          | <1.00   |           | 1.00  | 0.390 | ug/L |   |          | 03/29/25 06:16 | 1       |
| 1,2-Dichloropropane         | <1.00   |           | 1.00  | 0.270 | ug/L |   |          | 03/29/25 06:16 | 1       |
| 1,4-Dichlorobenzene         | <1.00   |           | 1.00  | 0.230 | ug/L |   |          | 03/29/25 06:16 | 1       |
| 2-Butanone (MEK)            | <10.0   |           | 10.0  | 2.10  | ug/L |   |          | 03/29/25 06:16 | 1       |
| 2-Hexanone                  | <10.0   |           | 10.0  | 2.00  | ug/L |   |          | 03/29/25 06:16 | 1       |
| 4-Methyl-2-pentanone (MIBK) | <10.0   |           | 10.0  | 2.10  | ug/L |   |          | 03/29/25 06:16 | 1       |
| Acetone                     | <10.0   |           | 10.0  | 3.10  | ug/L |   |          | 03/29/25 06:16 | 1       |
| Acrylonitrile               | <10.0   |           | 10.0  | 2.20  | ug/L |   |          | 03/29/25 06:16 | 1       |
| Benzene                     | <0.500  |           | 0.500 | 0.220 | ug/L |   |          | 03/29/25 06:16 | 1       |
| Bromochloromethane          | <5.00   |           | 5.00  | 0.540 | ug/L |   |          | 03/29/25 06:16 | 1       |
| Bromodichloromethane        | <1.00   |           | 1.00  | 0.390 | ug/L |   |          | 03/29/25 06:16 | 1       |
| Bromoform                   | <5.00   |           | 5.00  | 0.780 | ug/L |   |          | 03/29/25 06:16 | 1       |
| Bromomethane                | <4.00   |           | 4.00  | 1.10  | ug/L |   |          | 03/29/25 06:16 | 1       |
| Carbon disulfide            | <1.00   |           | 1.00  | 0.450 | ug/L |   |          | 03/29/25 06:16 | 1       |
| Carbon tetrachloride        | <2.00   |           | 2.00  | 0.650 | ug/L |   |          | 03/29/25 06:16 | 1       |
| Chlorobenzene               | <1.00   |           | 1.00  | 0.400 | ug/L |   |          | 03/29/25 06:16 | 1       |
| Chlorodibromomethane        | <5.00   |           | 5.00  | 0.750 | ug/L |   |          | 03/29/25 06:16 | 1       |
| Chloroethane                | <4.00   |           | 4.00  | 0.790 | ug/L |   |          | 03/29/25 06:16 | 1       |
| Chloroform                  | <3.00   |           | 3.00  | 1.30  | ug/L |   |          | 03/29/25 06:16 | 1       |
| Chloromethane               | <3.00   |           | 3.00  | 0.610 | ug/L |   |          | 03/29/25 06:16 | 1       |
| cis-1,2-Dichloroethene      | 0.272 J |           | 1.00  | 0.210 | ug/L |   |          | 03/29/25 06:16 | 1       |
| Iodomethane                 | <10.0   |           | 10.0  | 7.00  | ug/L |   |          | 04/02/25 23:28 | 1       |
| cis-1,3-Dichloropropene     | <5.00   |           | 5.00  | 0.250 | ug/L |   |          | 03/29/25 06:16 | 1       |
| Dibromomethane              | <1.00   |           | 1.00  | 0.330 | ug/L |   |          | 03/29/25 06:16 | 1       |
| Ethylbenzene                | <1.00   |           | 1.00  | 0.310 | ug/L |   |          | 03/29/25 06:16 | 1       |
| Methylene Chloride          | <5.00   |           | 5.00  | 1.70  | ug/L |   |          | 03/29/25 06:16 | 1       |
| Styrene                     | <1.00   |           | 1.00  | 0.370 | ug/L |   |          | 03/29/25 06:16 | 1       |
| Tetrachloroethene           | <1.00   |           | 1.00  | 0.480 | ug/L |   |          | 03/29/25 06:16 | 1       |
| Toluene                     | <1.00   |           | 1.00  | 0.430 | ug/L |   |          | 03/29/25 06:16 | 1       |
| trans-1,2-Dichloroethene    | <1.00   |           | 1.00  | 0.270 | ug/L |   |          | 03/29/25 06:16 | 1       |
| trans-1,3-Dichloropropene   | <5.00   |           | 5.00  | 0.560 | ug/L |   |          | 03/29/25 06:16 | 1       |
| trans-1,4-Dichloro-2-butene | <10.0   |           | 10.0  | 1.10  | ug/L |   |          | 03/29/25 06:16 | 1       |
| Trichloroethene             | <1.00   |           | 1.00  | 0.430 | ug/L |   |          | 03/29/25 06:16 | 1       |
| Trichlorofluoromethane      | <4.00   |           | 4.00  | 0.380 | ug/L |   |          | 03/29/25 06:16 | 1       |
| Vinyl acetate               | <10.0   |           | 10.0  | 2.50  | ug/L |   |          | 03/29/25 06:16 | 1       |
| Vinyl chloride              | <1.00   |           | 1.00  | 0.180 | ug/L |   |          | 03/29/25 06:16 | 1       |
| Xylenes, Total              | <3.00   |           | 3.00  | 0.400 | ug/L |   |          | 03/29/25 06:16 | 1       |

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# Client Sample Results

Client: SCS Engineers  
Project/Site: Clinton County North 1st 2025 GW Sampling  
Event

Job ID: 310-302895-1  
SDG: Clinton County North

Client Sample ID: PZ-R4

Lab Sample ID: 310-302895-5

Date Collected: 03/24/25 17:29

Matrix: Water

Date Received: 03/27/25 16:25

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 99        |           | 80 - 120 |          | 04/02/25 23:28 | 1       |
| Dibromofluoromethane (Surr) | 109       |           | 73 - 130 |          | 04/02/25 23:28 | 1       |
| Toluene-d8 (Surr)           | 97        |           | 80 - 120 |          | 04/02/25 23:28 | 1       |
| Dibromofluoromethane (Surr) | 107       |           | 73 - 130 |          | 03/29/25 06:16 | 1       |
| Toluene-d8 (Surr)           | 98        |           | 80 - 120 |          | 03/29/25 06:16 | 1       |
| 4-Bromofluorobenzene (Surr) | 100       |           | 80 - 120 |          | 03/29/25 06:16 | 1       |

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

| Analyte   | Result    | Qualifier | RL       | MDL      | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------|-----------|-----------|----------|----------|------|---|----------------|----------------|---------|
| Antimony  | <0.00200  |           | 0.00200  | 0.00100  | mg/L |   | 04/02/25 09:00 | 04/04/25 14:26 | 1       |
| Arsenic   | 0.0147    |           | 0.00200  | 0.000530 | mg/L |   | 04/02/25 09:00 | 04/04/25 14:26 | 1       |
| Barium    | 0.365     |           | 0.00200  | 0.000660 | mg/L |   | 04/02/25 09:00 | 04/04/25 14:26 | 1       |
| Beryllium | <0.00100  |           | 0.00100  | 0.000330 | mg/L |   | 04/02/25 09:00 | 04/07/25 12:38 | 1       |
| Cadmium   | <0.000200 |           | 0.000200 | 0.000100 | mg/L |   | 04/02/25 09:00 | 04/04/25 14:26 | 1       |
| Chromium  | <0.00500  |           | 0.00500  | 0.00180  | mg/L |   | 04/02/25 09:00 | 04/04/25 14:26 | 1       |
| Cobalt    | 0.00249   |           | 0.000500 | 0.000170 | mg/L |   | 04/02/25 09:00 | 04/04/25 14:26 | 1       |
| Copper    | <0.00500  |           | 0.00500  | 0.00320  | mg/L |   | 04/02/25 09:00 | 04/04/25 14:26 | 1       |
| Lead      | 0.000423  | J         | 0.000500 | 0.000330 | mg/L |   | 04/02/25 09:00 | 04/04/25 14:26 | 1       |
| Nickel    | 0.0126    |           | 0.00500  | 0.00230  | mg/L |   | 04/02/25 09:00 | 04/04/25 14:26 | 1       |
| Selenium  | <0.00500  |           | 0.00500  | 0.00140  | mg/L |   | 04/02/25 09:00 | 04/04/25 14:26 | 1       |
| Silver    | <0.00100  |           | 0.00100  | 0.000500 | mg/L |   | 04/02/25 09:00 | 04/04/25 14:26 | 1       |
| Thallium  | <0.00100  |           | 0.00100  | 0.000570 | mg/L |   | 04/02/25 09:00 | 04/04/25 14:26 | 1       |
| Vanadium  | <0.00500  |           | 0.00500  | 0.00170  | mg/L |   | 04/02/25 09:00 | 04/04/25 14:26 | 1       |
| Zinc      | <0.0200   |           | 0.0200   | 0.0130   | mg/L |   | 04/02/25 09:00 | 04/04/25 14:26 | 1       |

## General Chemistry

| Analyte                                 | Result | Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------------------|--------|-----------|------|------|------|---|----------|----------------|---------|
| Total Suspended Solids (USGS I-3765-85) | 110    |           | 15.0 | 10.5 | mg/L |   |          | 03/28/25 07:41 | 1       |

# Client Sample Results

Client: SCS Engineers  
Project/Site: Clinton County North 1st 2025 GW Sampling  
Event

Job ID: 310-302895-1  
SDG: Clinton County North

Client Sample ID: MW-06-6R

Lab Sample ID: 310-302895-6

Date Collected: 03/24/25 14:17

Matrix: Water

Date Received: 03/27/25 16:25

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

| Analyte   | Result    | Qualifier | RL       | MDL      | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------|-----------|-----------|----------|----------|------|---|----------------|----------------|---------|
| Antimony  | 0.00232   |           | 0.00200  | 0.00100  | mg/L |   | 04/02/25 09:00 | 04/04/25 14:02 | 1       |
| Arsenic   | 0.00104   | J         | 0.00200  | 0.000530 | mg/L |   | 04/02/25 09:00 | 04/04/25 14:02 | 1       |
| Barium    | 0.367     |           | 0.00200  | 0.000660 | mg/L |   | 04/02/25 09:00 | 04/04/25 14:02 | 1       |
| Beryllium | <0.00100  |           | 0.00100  | 0.000330 | mg/L |   | 04/02/25 09:00 | 04/07/25 12:16 | 1       |
| Cadmium   | <0.000200 |           | 0.000200 | 0.000100 | mg/L |   | 04/02/25 09:00 | 04/04/25 14:02 | 1       |
| Chromium  | <0.00500  |           | 0.00500  | 0.00180  | mg/L |   | 04/02/25 09:00 | 04/04/25 14:02 | 1       |
| Cobalt    | 0.000607  |           | 0.000500 | 0.000170 | mg/L |   | 04/02/25 09:00 | 04/04/25 14:02 | 1       |
| Copper    | <0.00500  |           | 0.00500  | 0.00320  | mg/L |   | 04/02/25 09:00 | 04/04/25 14:02 | 1       |
| Lead      | 0.000464  | J         | 0.000500 | 0.000330 | mg/L |   | 04/02/25 09:00 | 04/04/25 14:02 | 1       |
| Nickel    | <0.00500  |           | 0.00500  | 0.00230  | mg/L |   | 04/02/25 09:00 | 04/04/25 14:02 | 1       |
| Selenium  | <0.00500  |           | 0.00500  | 0.00140  | mg/L |   | 04/02/25 09:00 | 04/04/25 14:02 | 1       |
| Silver    | <0.00100  |           | 0.00100  | 0.000500 | mg/L |   | 04/02/25 09:00 | 04/04/25 14:02 | 1       |
| Thallium  | <0.00100  |           | 0.00100  | 0.000570 | mg/L |   | 04/02/25 09:00 | 04/04/25 14:02 | 1       |
| Vanadium  | <0.00500  |           | 0.00500  | 0.00170  | mg/L |   | 04/02/25 09:00 | 04/04/25 14:02 | 1       |
| Zinc      | <0.0200   |           | 0.0200   | 0.0130   | mg/L |   | 04/02/25 09:00 | 04/04/25 14:02 | 1       |

## General Chemistry

| Analyte                                 | Result | Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------------------|--------|-----------|------|------|------|---|----------|----------------|---------|
| Total Suspended Solids (USGS I-3765-85) | 20.3   |           | 3.75 | 2.63 | mg/L |   |          | 03/28/25 07:41 | 1       |



# Client Sample Results

Client: SCS Engineers  
Project/Site: Clinton County North 1st 2025 GW Sampling  
Event

Job ID: 310-302895-1  
SDG: Clinton County North

Client Sample ID: MW-D

Lab Sample ID: 310-302895-7

Date Collected: 03/24/25 15:48

Matrix: Water

Date Received: 03/27/25 16:25

## 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   | <1.00   |           | 1.00  | 0.380 | ug/L |   |          | 03/29/25 06:38 | 1       |
| 1,1,1-Trichloroethane       | <1.00   |           | 1.00  | 0.190 | ug/L |   |          | 03/29/25 06:38 | 1       |
| 1,1,2,2-Tetrachloroethane   | <1.00   |           | 1.00  | 0.470 | ug/L |   |          | 03/29/25 06:38 | 1       |
| 1,1,2-Trichloroethane       | <1.00   |           | 1.00  | 0.450 | ug/L |   |          | 03/29/25 06:38 | 1       |
| 1,1-Dichloroethane          | <1.00   |           | 1.00  | 0.220 | ug/L |   |          | 03/29/25 06:38 | 1       |
| 1,1-Dichloroethene          | <2.00   |           | 2.00  | 0.560 | ug/L |   |          | 03/29/25 06:38 | 1       |
| 1,2,3-Trichloropropane      | <1.00   |           | 1.00  | 0.590 | ug/L |   |          | 03/29/25 06:38 | 1       |
| 1,2-Dibromo-3-Chloropropane | <1.20   |           | 1.20  | 1.20  | ug/L |   |          | 03/29/25 06:38 | 1       |
| 1,2-Dibromoethane (EDB)     | <0.340  |           | 0.340 | 0.340 | ug/L |   |          | 03/29/25 06:38 | 1       |
| 1,2-Dichlorobenzene         | <1.00   |           | 1.00  | 0.370 | ug/L |   |          | 03/29/25 06:38 | 1       |
| 1,2-Dichloroethane          | <1.00   |           | 1.00  | 0.390 | ug/L |   |          | 03/29/25 06:38 | 1       |
| 1,2-Dichloropropane         | <1.00   |           | 1.00  | 0.270 | ug/L |   |          | 03/29/25 06:38 | 1       |
| 1,4-Dichlorobenzene         | 1.81    |           | 1.00  | 0.230 | ug/L |   |          | 03/29/25 06:38 | 1       |
| 2-Butanone (MEK)            | <10.0   |           | 10.0  | 2.10  | ug/L |   |          | 03/29/25 06:38 | 1       |
| 2-Hexanone                  | <10.0   |           | 10.0  | 2.00  | ug/L |   |          | 03/29/25 06:38 | 1       |
| 4-Methyl-2-pentanone (MIBK) | <10.0   |           | 10.0  | 2.10  | ug/L |   |          | 03/29/25 06:38 | 1       |
| Acetone                     | 4.79 J  |           | 10.0  | 3.10  | ug/L |   |          | 03/29/25 06:38 | 1       |
| Acrylonitrile               | <10.0   |           | 10.0  | 2.20  | ug/L |   |          | 03/29/25 06:38 | 1       |
| Benzene                     | 11.3    |           | 0.500 | 0.220 | ug/L |   |          | 03/29/25 06:38 | 1       |
| Bromochloromethane          | <5.00   |           | 5.00  | 0.540 | ug/L |   |          | 03/29/25 06:38 | 1       |
| Bromodichloromethane        | <1.00   |           | 1.00  | 0.390 | ug/L |   |          | 03/29/25 06:38 | 1       |
| Bromoform                   | <5.00   |           | 5.00  | 0.780 | ug/L |   |          | 03/29/25 06:38 | 1       |
| Bromomethane                | <4.00   |           | 4.00  | 1.10  | ug/L |   |          | 03/29/25 06:38 | 1       |
| Carbon disulfide            | <1.00   |           | 1.00  | 0.450 | ug/L |   |          | 03/29/25 06:38 | 1       |
| Carbon tetrachloride        | <2.00   |           | 2.00  | 0.650 | ug/L |   |          | 03/29/25 06:38 | 1       |
| Chlorobenzene               | 8.60    |           | 1.00  | 0.400 | ug/L |   |          | 03/29/25 06:38 | 1       |
| Chlorodibromomethane        | <5.00   |           | 5.00  | 0.750 | ug/L |   |          | 03/29/25 06:38 | 1       |
| Chloroethane                | 1.52 J  |           | 4.00  | 0.790 | ug/L |   |          | 03/29/25 06:38 | 1       |
| Chloroform                  | <3.00   |           | 3.00  | 1.30  | ug/L |   |          | 03/29/25 06:38 | 1       |
| Chloromethane               | <3.00   |           | 3.00  | 0.610 | ug/L |   |          | 03/29/25 06:38 | 1       |
| cis-1,2-Dichloroethene      | <1.00   |           | 1.00  | 0.210 | ug/L |   |          | 03/29/25 06:38 | 1       |
| Iodomethane                 | <10.0   |           | 10.0  | 7.00  | ug/L |   |          | 04/02/25 23:50 | 1       |
| cis-1,3-Dichloropropene     | <5.00   |           | 5.00  | 0.250 | ug/L |   |          | 03/29/25 06:38 | 1       |
| Dibromomethane              | <1.00   |           | 1.00  | 0.330 | ug/L |   |          | 03/29/25 06:38 | 1       |
| Ethylbenzene                | <1.00   |           | 1.00  | 0.310 | ug/L |   |          | 03/29/25 06:38 | 1       |
| Methylene Chloride          | <5.00   |           | 5.00  | 1.70  | ug/L |   |          | 03/29/25 06:38 | 1       |
| Styrene                     | <1.00   |           | 1.00  | 0.370 | ug/L |   |          | 03/29/25 06:38 | 1       |
| Tetrachloroethene           | <1.00   |           | 1.00  | 0.480 | ug/L |   |          | 03/29/25 06:38 | 1       |
| Toluene                     | <1.00   |           | 1.00  | 0.430 | ug/L |   |          | 03/29/25 06:38 | 1       |
| trans-1,2-Dichloroethene    | <1.00   |           | 1.00  | 0.270 | ug/L |   |          | 03/29/25 06:38 | 1       |
| trans-1,3-Dichloropropene   | <5.00   |           | 5.00  | 0.560 | ug/L |   |          | 03/29/25 06:38 | 1       |
| trans-1,4-Dichloro-2-butene | <10.0   |           | 10.0  | 1.10  | ug/L |   |          | 03/29/25 06:38 | 1       |
| Trichloroethene             | <1.00   |           | 1.00  | 0.430 | ug/L |   |          | 03/29/25 06:38 | 1       |
| Trichlorofluoromethane      | <4.00   |           | 4.00  | 0.380 | ug/L |   |          | 03/29/25 06:38 | 1       |
| Vinyl acetate               | <10.0   |           | 10.0  | 2.50  | ug/L |   |          | 03/29/25 06:38 | 1       |
| Vinyl chloride              | <1.00   |           | 1.00  | 0.180 | ug/L |   |          | 03/29/25 06:38 | 1       |
| Xylenes, Total              | 0.432 J |           | 3.00  | 0.400 | ug/L |   |          | 03/29/25 06:38 | 1       |

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# Client Sample Results

Client: SCS Engineers  
Project/Site: Clinton County North 1st 2025 GW Sampling  
Event

Job ID: 310-302895-1  
SDG: Clinton County North

Client Sample ID: MW-D

Lab Sample ID: 310-302895-7

Date Collected: 03/24/25 15:48

Matrix: Water

Date Received: 03/27/25 16:25

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 101       |           | 80 - 120 |          | 04/02/25 23:50 | 1       |
| Dibromofluoromethane (Surr) | 108       |           | 73 - 130 |          | 04/02/25 23:50 | 1       |
| Toluene-d8 (Surr)           | 98        |           | 80 - 120 |          | 04/02/25 23:50 | 1       |
| Dibromofluoromethane (Surr) | 102       |           | 73 - 130 |          | 03/29/25 06:38 | 1       |
| Toluene-d8 (Surr)           | 97        |           | 80 - 120 |          | 03/29/25 06:38 | 1       |
| 4-Bromofluorobenzene (Surr) | 101       |           | 80 - 120 |          | 03/29/25 06:38 | 1       |

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

| Analyte   | Result    | Qualifier | RL       | MDL      | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------|-----------|-----------|----------|----------|------|---|----------------|----------------|---------|
| Antimony  | <0.00200  |           | 0.00200  | 0.00100  | mg/L |   | 04/02/25 09:00 | 04/04/25 14:12 | 1       |
| Arsenic   | 0.123     |           | 0.00200  | 0.000530 | mg/L |   | 04/02/25 09:00 | 04/04/25 14:12 | 1       |
| Barium    | 0.395     |           | 0.00200  | 0.000660 | mg/L |   | 04/02/25 09:00 | 04/04/25 14:12 | 1       |
| Beryllium | <0.00400  |           | 0.00400  | 0.00132  | mg/L |   | 04/02/25 09:00 | 04/07/25 12:23 | 4       |
| Cadmium   | <0.000200 |           | 0.000200 | 0.000100 | mg/L |   | 04/02/25 09:00 | 04/04/25 14:12 | 1       |
| Chromium  | <0.00500  |           | 0.00500  | 0.00180  | mg/L |   | 04/02/25 09:00 | 04/04/25 14:12 | 1       |
| Cobalt    | 0.00621   |           | 0.000500 | 0.000170 | mg/L |   | 04/02/25 09:00 | 04/04/25 14:12 | 1       |
| Copper    | <0.00500  |           | 0.00500  | 0.00320  | mg/L |   | 04/02/25 09:00 | 04/04/25 14:12 | 1       |
| Lead      | <0.000500 |           | 0.000500 | 0.000330 | mg/L |   | 04/02/25 09:00 | 04/04/25 14:12 | 1       |
| Nickel    | 0.0408    |           | 0.00500  | 0.00230  | mg/L |   | 04/02/25 09:00 | 04/04/25 14:12 | 1       |
| Selenium  | <0.00500  |           | 0.00500  | 0.00140  | mg/L |   | 04/02/25 09:00 | 04/04/25 14:12 | 1       |
| Silver    | <0.00100  |           | 0.00100  | 0.000500 | mg/L |   | 04/02/25 09:00 | 04/04/25 14:12 | 1       |
| Thallium  | <0.00100  |           | 0.00100  | 0.000570 | mg/L |   | 04/02/25 09:00 | 04/04/25 14:12 | 1       |
| Vanadium  | <0.00500  |           | 0.00500  | 0.00170  | mg/L |   | 04/02/25 09:00 | 04/04/25 14:12 | 1       |
| Zinc      | <0.0200   |           | 0.0200   | 0.0130   | mg/L |   | 04/02/25 09:00 | 04/04/25 14:12 | 1       |

## General Chemistry

| Analyte                                 | Result | Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------------------|--------|-----------|------|------|------|---|----------|----------------|---------|
| Total Suspended Solids (USGS I-3765-85) | 113    |           | 15.0 | 10.5 | mg/L |   |          | 03/28/25 07:41 | 1       |

# Client Sample Results

Client: SCS Engineers  
Project/Site: Clinton County North 1st 2025 GW Sampling  
Event

Job ID: 310-302895-1  
SDG: Clinton County North

Client Sample ID: Trip Blank

Lab Sample ID: 310-302895-8

Date Collected: 03/24/25 00:00

Matrix: Water

Date Received: 03/27/25 16:25

## 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   | <1.00  |           | 1.00  | 0.380 | ug/L |   |          | 03/28/25 23:30 | 1       |
| 1,1,1-Trichloroethane       | <1.00  |           | 1.00  | 0.190 | ug/L |   |          | 03/28/25 23:30 | 1       |
| 1,1,2,2-Tetrachloroethane   | <1.00  |           | 1.00  | 0.470 | ug/L |   |          | 03/28/25 23:30 | 1       |
| 1,1,2-Trichloroethane       | <1.00  |           | 1.00  | 0.450 | ug/L |   |          | 03/28/25 23:30 | 1       |
| 1,1-Dichloroethane          | <1.00  |           | 1.00  | 0.220 | ug/L |   |          | 03/28/25 23:30 | 1       |
| 1,1-Dichloroethene          | <2.00  |           | 2.00  | 0.560 | ug/L |   |          | 03/28/25 23:30 | 1       |
| 1,2,3-Trichloropropane      | <1.00  |           | 1.00  | 0.590 | ug/L |   |          | 03/28/25 23:30 | 1       |
| 1,2-Dibromo-3-Chloropropane | <1.20  |           | 1.20  | 1.20  | ug/L |   |          | 03/28/25 23:30 | 1       |
| 1,2-Dibromoethane (EDB)     | <0.340 |           | 0.340 | 0.340 | ug/L |   |          | 03/28/25 23:30 | 1       |
| 1,2-Dichlorobenzene         | <1.00  |           | 1.00  | 0.370 | ug/L |   |          | 03/28/25 23:30 | 1       |
| 1,2-Dichloroethane          | <1.00  |           | 1.00  | 0.390 | ug/L |   |          | 03/28/25 23:30 | 1       |
| 1,2-Dichloropropane         | <1.00  |           | 1.00  | 0.270 | ug/L |   |          | 03/28/25 23:30 | 1       |
| 1,4-Dichlorobenzene         | <1.00  |           | 1.00  | 0.230 | ug/L |   |          | 03/28/25 23:30 | 1       |
| 2-Butanone (MEK)            | <10.0  |           | 10.0  | 2.10  | ug/L |   |          | 03/28/25 23:30 | 1       |
| 2-Hexanone                  | <10.0  |           | 10.0  | 2.00  | ug/L |   |          | 03/28/25 23:30 | 1       |
| 4-Methyl-2-pentanone (MIBK) | <10.0  |           | 10.0  | 2.10  | ug/L |   |          | 03/28/25 23:30 | 1       |
| Acetone                     | <10.0  |           | 10.0  | 3.10  | ug/L |   |          | 03/28/25 23:30 | 1       |
| Acrylonitrile               | <10.0  |           | 10.0  | 2.20  | ug/L |   |          | 03/28/25 23:30 | 1       |
| Benzene                     | <0.500 |           | 0.500 | 0.220 | ug/L |   |          | 03/28/25 23:30 | 1       |
| Bromochloromethane          | <5.00  |           | 5.00  | 0.540 | ug/L |   |          | 03/28/25 23:30 | 1       |
| Bromodichloromethane        | <1.00  |           | 1.00  | 0.390 | ug/L |   |          | 03/28/25 23:30 | 1       |
| Bromoform                   | <5.00  |           | 5.00  | 0.780 | ug/L |   |          | 03/28/25 23:30 | 1       |
| Bromomethane                | <4.00  |           | 4.00  | 1.10  | ug/L |   |          | 03/28/25 23:30 | 1       |
| Carbon disulfide            | <1.00  |           | 1.00  | 0.450 | ug/L |   |          | 03/28/25 23:30 | 1       |
| Carbon tetrachloride        | <2.00  |           | 2.00  | 0.650 | ug/L |   |          | 03/28/25 23:30 | 1       |
| Chlorobenzene               | <1.00  |           | 1.00  | 0.400 | ug/L |   |          | 03/28/25 23:30 | 1       |
| Chlorodibromomethane        | <5.00  |           | 5.00  | 0.750 | ug/L |   |          | 03/28/25 23:30 | 1       |
| Chloroethane                | <4.00  |           | 4.00  | 0.790 | ug/L |   |          | 03/28/25 23:30 | 1       |
| Chloroform                  | <3.00  |           | 3.00  | 1.30  | ug/L |   |          | 03/28/25 23:30 | 1       |
| Chloromethane               | <3.00  |           | 3.00  | 0.610 | ug/L |   |          | 03/28/25 23:30 | 1       |
| cis-1,2-Dichloroethene      | <1.00  |           | 1.00  | 0.210 | ug/L |   |          | 03/28/25 23:30 | 1       |
| Iodomethane                 | <10.0  |           | 10.0  | 7.00  | ug/L |   |          | 04/02/25 20:50 | 1       |
| cis-1,3-Dichloropropene     | <5.00  |           | 5.00  | 0.250 | ug/L |   |          | 03/28/25 23:30 | 1       |
| Dibromomethane              | <1.00  |           | 1.00  | 0.330 | ug/L |   |          | 03/28/25 23:30 | 1       |
| Ethylbenzene                | <1.00  |           | 1.00  | 0.310 | ug/L |   |          | 03/28/25 23:30 | 1       |
| Methylene Chloride          | <5.00  |           | 5.00  | 1.70  | ug/L |   |          | 03/28/25 23:30 | 1       |
| Styrene                     | <1.00  |           | 1.00  | 0.370 | ug/L |   |          | 03/28/25 23:30 | 1       |
| Tetrachloroethene           | <1.00  |           | 1.00  | 0.480 | ug/L |   |          | 03/28/25 23:30 | 1       |
| Toluene                     | <1.00  |           | 1.00  | 0.430 | ug/L |   |          | 03/28/25 23:30 | 1       |
| trans-1,2-Dichloroethene    | <1.00  |           | 1.00  | 0.270 | ug/L |   |          | 03/28/25 23:30 | 1       |
| trans-1,3-Dichloropropene   | <5.00  |           | 5.00  | 0.560 | ug/L |   |          | 03/28/25 23:30 | 1       |
| trans-1,4-Dichloro-2-butene | <10.0  |           | 10.0  | 1.10  | ug/L |   |          | 03/28/25 23:30 | 1       |
| Trichloroethene             | <1.00  |           | 1.00  | 0.430 | ug/L |   |          | 03/28/25 23:30 | 1       |
| Trichlorofluoromethane      | <4.00  |           | 4.00  | 0.380 | ug/L |   |          | 03/28/25 23:30 | 1       |
| Vinyl acetate               | <10.0  |           | 10.0  | 2.50  | ug/L |   |          | 03/28/25 23:30 | 1       |
| Vinyl chloride              | <1.00  |           | 1.00  | 0.180 | ug/L |   |          | 03/28/25 23:30 | 1       |
| Xylenes, Total              | <3.00  |           | 3.00  | 0.400 | ug/L |   |          | 03/28/25 23:30 | 1       |

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## Client Sample Results

Client: SCS Engineers  
Project/Site: Clinton County North 1st 2025 GW Sampling  
Event

Job ID: 310-302895-1  
SDG: Clinton County North

**Client Sample ID: Trip Blank**

**Lab Sample ID: 310-302895-8**

**Date Collected: 03/24/25 00:00**

**Matrix: Water**

**Date Received: 03/27/25 16:25**

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 99        |           | 80 - 120 |          | 04/02/25 20:50 | 1       |
| Dibromofluoromethane (Surr) | 107       |           | 73 - 130 |          | 04/02/25 20:50 | 1       |
| Toluene-d8 (Surr)           | 97        |           | 80 - 120 |          | 04/02/25 20:50 | 1       |
| Dibromofluoromethane (Surr) | 104       |           | 73 - 130 |          | 03/28/25 23:30 | 1       |
| Toluene-d8 (Surr)           | 99        |           | 80 - 120 |          | 03/28/25 23:30 | 1       |
| 4-Bromofluorobenzene (Surr) | 105       |           | 80 - 120 |          | 03/28/25 23:30 | 1       |

## Definitions/Glossary

Client: SCS Engineers  
Project/Site: Clinton County North 1st 2025 GW Sampling  
Event

Job ID: 310-302895-1  
SDG: Clinton County North

### 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                                                                                          |
|-----------|----------------------------------------------------------------------------------------------------------------|
| 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                                                                                        |
| SQL            | 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: SCS Engineers  
Project/Site: Clinton County North 1st 2025 GW Sampling  
Event

Job ID: 310-302895-1  
SDG: Clinton County North

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

Matrix: Water

Prep Type: Total/NA

### Percent Surrogate Recovery (Acceptance Limits)

| Lab Sample ID    | Client Sample ID   | DBFM     | TOL      | BFB      |
|------------------|--------------------|----------|----------|----------|
|                  |                    | (73-130) | (80-120) | (80-120) |
| 310-302895-1     | MW-06-7R           | 108      | 97       | 105      |
| 310-302895-1     | MW-06-7R           | 108      | 97       | 107      |
| 310-302895-2     | MW-90-13           | 109      | 96       | 103      |
| 310-302895-2     | MW-90-13           | 111      | 97       | 106      |
| 310-302895-3     | MW-03-16           | 106      | 95       | 103      |
| 310-302895-3     | MW-03-16           | 105      | 98       | 99       |
| 310-302895-4     | PZ-R3              | 106      | 96       | 99       |
| 310-302895-4     | PZ-R3              | 108      | 98       | 101      |
| 310-302895-5     | PZ-R4              | 107      | 98       | 100      |
| 310-302895-5     | PZ-R4              | 109      | 97       | 99       |
| 310-302895-7     | MW-D               | 102      | 97       | 101      |
| 310-302895-7     | MW-D               | 108      | 98       | 101      |
| 310-302895-8     | Trip Blank         | 104      | 99       | 105      |
| 310-302895-8     | Trip Blank         | 107      | 97       | 99       |
| LCS 310-450081/7 | Lab Control Sample | 95       | 103      | 98       |
| LCS 310-450081/8 | Lab Control Sample | 107      | 97       | 104      |
| LCS 310-450349/7 | Lab Control Sample | 94       | 102      | 104      |
| LCS 310-450349/8 | Lab Control Sample | 110      | 96       | 107      |
| LCS 310-450517/7 | Lab Control Sample | 99       | 100      | 101      |
| LCS 310-450517/8 | Lab Control Sample | 111      | 98       | 98       |
| MB 310-450081/6  | Method Blank       | 109      | 98       | 99       |
| MB 310-450349/6  | Method Blank       | 105      | 94       | 105      |
| MB 310-450517/6  | Method Blank       | 108      | 99       | 100      |

### Surrogate Legend

DBFM = Dibromofluoromethane (Surr)

TOL = Toluene-d8 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

# QC Sample Results

Client: SCS Engineers  
Project/Site: Clinton County North 1st 2025 GW Sampling  
Event

Job ID: 310-302895-1  
SDG: Clinton County North

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

Lab Sample ID: MB 310-450081/6

Matrix: Water

Analysis Batch: 450081

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                     | MB Result | MB Qualifier | RL    | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|--------------|-------|-------|------|---|----------|----------------|---------|
| 2-Butanone (MEK)            | <10.0     |              | 10.0  | 2.10  | ug/L |   |          | 03/28/25 22:22 | 1       |
| Acetone                     | <10.0     |              | 10.0  | 3.10  | ug/L |   |          | 03/28/25 22:22 | 1       |
| Acrylonitrile               | <10.0     |              | 10.0  | 2.20  | ug/L |   |          | 03/28/25 22:22 | 1       |
| 1,2-Dibromo-3-Chloropropane | <1.20     |              | 1.20  | 1.20  | ug/L |   |          | 03/28/25 22:22 | 1       |
| Benzene                     | <0.500    |              | 0.500 | 0.220 | ug/L |   |          | 03/28/25 22:22 | 1       |
| 1,2-Dibromoethane (EDB)     | <0.340    |              | 0.340 | 0.340 | ug/L |   |          | 03/28/25 22:22 | 1       |
| Bromochloromethane          | <5.00     |              | 5.00  | 0.540 | ug/L |   |          | 03/28/25 22:22 | 1       |
| Bromodichloromethane        | <1.00     |              | 1.00  | 0.390 | ug/L |   |          | 03/28/25 22:22 | 1       |
| Bromoform                   | <5.00     |              | 5.00  | 0.780 | ug/L |   |          | 03/28/25 22:22 | 1       |
| 1,2-Dichlorobenzene         | <1.00     |              | 1.00  | 0.370 | ug/L |   |          | 03/28/25 22:22 | 1       |
| Bromomethane                | <4.00     |              | 4.00  | 1.10  | ug/L |   |          | 03/28/25 22:22 | 1       |
| 1,4-Dichlorobenzene         | <1.00     |              | 1.00  | 0.230 | ug/L |   |          | 03/28/25 22:22 | 1       |
| Carbon disulfide            | <1.00     |              | 1.00  | 0.450 | ug/L |   |          | 03/28/25 22:22 | 1       |
| 1,1-Dichloroethane          | <1.00     |              | 1.00  | 0.220 | ug/L |   |          | 03/28/25 22:22 | 1       |
| Carbon tetrachloride        | <2.00     |              | 2.00  | 0.650 | ug/L |   |          | 03/28/25 22:22 | 1       |
| 1,2-Dichloroethane          | <1.00     |              | 1.00  | 0.390 | ug/L |   |          | 03/28/25 22:22 | 1       |
| Chlorobenzene               | <1.00     |              | 1.00  | 0.400 | ug/L |   |          | 03/28/25 22:22 | 1       |
| 1,1-Dichloroethene          | <2.00     |              | 2.00  | 0.560 | ug/L |   |          | 03/28/25 22:22 | 1       |
| Chlorodibromomethane        | <5.00     |              | 5.00  | 0.750 | ug/L |   |          | 03/28/25 22:22 | 1       |
| 1,2-Dichloropropane         | <1.00     |              | 1.00  | 0.270 | ug/L |   |          | 03/28/25 22:22 | 1       |
| Chloroethane                | <4.00     |              | 4.00  | 0.790 | ug/L |   |          | 03/28/25 22:22 | 1       |
| Chloroform                  | <3.00     |              | 3.00  | 1.30  | ug/L |   |          | 03/28/25 22:22 | 1       |
| 2-Hexanone                  | <10.0     |              | 10.0  | 2.00  | ug/L |   |          | 03/28/25 22:22 | 1       |
| Chloromethane               | <3.00     |              | 3.00  | 0.610 | ug/L |   |          | 03/28/25 22:22 | 1       |
| cis-1,2-Dichloroethene      | <1.00     |              | 1.00  | 0.210 | ug/L |   |          | 03/28/25 22:22 | 1       |
| cis-1,3-Dichloropropene     | <5.00     |              | 5.00  | 0.250 | ug/L |   |          | 03/28/25 22:22 | 1       |
| 4-Methyl-2-pentanone (MIBK) | <10.0     |              | 10.0  | 2.10  | ug/L |   |          | 03/28/25 22:22 | 1       |
| Dibromomethane              | <1.00     |              | 1.00  | 0.330 | ug/L |   |          | 03/28/25 22:22 | 1       |
| Ethylbenzene                | <1.00     |              | 1.00  | 0.310 | ug/L |   |          | 03/28/25 22:22 | 1       |
| 1,1,1,2-Tetrachloroethane   | <1.00     |              | 1.00  | 0.380 | ug/L |   |          | 03/28/25 22:22 | 1       |
| Methylene Chloride          | <5.00     |              | 5.00  | 1.70  | ug/L |   |          | 03/28/25 22:22 | 1       |
| 1,1,2,2-Tetrachloroethane   | <1.00     |              | 1.00  | 0.470 | ug/L |   |          | 03/28/25 22:22 | 1       |
| Styrene                     | <1.00     |              | 1.00  | 0.370 | ug/L |   |          | 03/28/25 22:22 | 1       |
| Tetrachloroethene           | <1.00     |              | 1.00  | 0.480 | ug/L |   |          | 03/28/25 22:22 | 1       |
| Toluene                     | <1.00     |              | 1.00  | 0.430 | ug/L |   |          | 03/28/25 22:22 | 1       |
| trans-1,2-Dichloroethene    | <1.00     |              | 1.00  | 0.270 | ug/L |   |          | 03/28/25 22:22 | 1       |
| trans-1,3-Dichloropropene   | <5.00     |              | 5.00  | 0.560 | ug/L |   |          | 03/28/25 22:22 | 1       |
| trans-1,4-Dichloro-2-butene | <10.0     |              | 10.0  | 1.10  | ug/L |   |          | 03/28/25 22:22 | 1       |
| 1,1,1-Trichloroethane       | <1.00     |              | 1.00  | 0.190 | ug/L |   |          | 03/28/25 22:22 | 1       |
| 1,1,2-Trichloroethane       | <1.00     |              | 1.00  | 0.450 | ug/L |   |          | 03/28/25 22:22 | 1       |
| Trichloroethene             | <1.00     |              | 1.00  | 0.430 | ug/L |   |          | 03/28/25 22:22 | 1       |
| Trichlorofluoromethane      | <4.00     |              | 4.00  | 0.380 | ug/L |   |          | 03/28/25 22:22 | 1       |
| 1,2,3-Trichloropropane      | <1.00     |              | 1.00  | 0.590 | ug/L |   |          | 03/28/25 22:22 | 1       |
| Vinyl acetate               | <10.0     |              | 10.0  | 2.50  | ug/L |   |          | 03/28/25 22:22 | 1       |
| Vinyl chloride              | <1.00     |              | 1.00  | 0.180 | ug/L |   |          | 03/28/25 22:22 | 1       |
| Xylenes, Total              | <3.00     |              | 3.00  | 0.400 | ug/L |   |          | 03/28/25 22:22 | 1       |

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# QC Sample Results

Client: SCS Engineers  
Project/Site: Clinton County North 1st 2025 GW Sampling  
Event

Job ID: 310-302895-1  
SDG: Clinton County North

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

Lab Sample ID: MB 310-450081/6

Matrix: Water

Analysis Batch: 450081

Client Sample ID: Method Blank

Prep Type: Total/NA

| Surrogate                   | MB<br>%Recovery | MB<br>Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------------|-----------------|----------|----------|----------------|---------|
| Dibromofluoromethane (Surr) | 109             |                 | 73 - 130 |          | 03/28/25 22:22 | 1       |
| Toluene-d8 (Surr)           | 98              |                 | 80 - 120 |          | 03/28/25 22:22 | 1       |
| 4-Bromofluorobenzene (Surr) | 99              |                 | 80 - 120 |          | 03/28/25 22:22 | 1       |

Lab Sample ID: LCS 310-450081/7

Matrix: Water

Analysis Batch: 450081

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                     | Spike<br>Added | LCS<br>Result | LCS<br>Qualifier | Unit | D | %Rec | %Rec<br>Limits |
|-----------------------------|----------------|---------------|------------------|------|---|------|----------------|
| 2-Butanone (MEK)            | 40.0           | 37.09         |                  | ug/L |   | 93   | 50 - 150       |
| Acetone                     | 40.0           | 36.36         |                  | ug/L |   | 91   | 50 - 150       |
| Acrylonitrile               | 200            | 174.6         |                  | ug/L |   | 87   | 50 - 150       |
| 1,2-Dibromo-3-Chloropropane | 20.0           | 17.41         |                  | ug/L |   | 87   | 50 - 150       |
| Benzene                     | 20.0           | 18.87         |                  | ug/L |   | 94   | 72 - 124       |
| 1,2-Dibromoethane (EDB)     | 20.0           | 19.07         |                  | ug/L |   | 95   | 75 - 125       |
| Bromochloromethane          | 20.0           | 19.04         |                  | ug/L |   | 95   | 73 - 130       |
| Bromodichloromethane        | 20.0           | 18.07         |                  | ug/L |   | 90   | 74 - 122       |
| Bromoform                   | 20.0           | 17.48         |                  | ug/L |   | 87   | 61 - 122       |
| 1,2-Dichlorobenzene         | 20.0           | 17.90         |                  | ug/L |   | 90   | 74 - 120       |
| 1,4-Dichlorobenzene         | 20.0           | 17.52         |                  | ug/L |   | 88   | 72 - 120       |
| Carbon disulfide            | 20.0           | 17.90         |                  | ug/L |   | 89   | 59 - 135       |
| 1,1-Dichloroethane          | 20.0           | 19.11         |                  | ug/L |   | 96   | 70 - 127       |
| Carbon tetrachloride        | 20.0           | 17.53         |                  | ug/L |   | 88   | 67 - 132       |
| 1,2-Dichloroethane          | 20.0           | 17.97         |                  | ug/L |   | 90   | 71 - 125       |
| Chlorobenzene               | 20.0           | 18.08         |                  | ug/L |   | 90   | 76 - 120       |
| 1,1-Dichloroethene          | 20.0           | 18.22         |                  | ug/L |   | 91   | 63 - 132       |
| Chlorodibromomethane        | 20.0           | 18.17         |                  | ug/L |   | 91   | 71 - 121       |
| 1,2-Dichloropropane         | 20.0           | 18.19         |                  | ug/L |   | 91   | 73 - 124       |
| Chloroform                  | 20.0           | 19.73         |                  | ug/L |   | 99   | 72 - 125       |
| 2-Hexanone                  | 40.0           | 37.76         |                  | ug/L |   | 94   | 60 - 140       |
| cis-1,2-Dichloroethene      | 20.0           | 19.00         |                  | ug/L |   | 95   | 74 - 123       |
| cis-1,3-Dichloropropene     | 20.0           | 17.06         |                  | ug/L |   | 85   | 71 - 125       |
| 4-Methyl-2-pentanone (MIBK) | 40.0           | 36.84         |                  | ug/L |   | 92   | 60 - 139       |
| Dibromomethane              | 20.0           | 19.22         |                  | ug/L |   | 96   | 74 - 125       |
| Ethylbenzene                | 20.0           | 18.63         |                  | ug/L |   | 93   | 74 - 122       |
| 1,1,1,2-Tetrachloroethane   | 20.0           | 18.68         |                  | ug/L |   | 93   | 71 - 120       |
| Methylene Chloride          | 20.0           | 20.05         |                  | ug/L |   | 100  | 50 - 150       |
| 1,1,2,2-Tetrachloroethane   | 20.0           | 18.33         |                  | ug/L |   | 92   | 68 - 124       |
| Styrene                     | 20.0           | 18.68         |                  | ug/L |   | 93   | 74 - 121       |
| Tetrachloroethene           | 20.0           | 17.79         |                  | ug/L |   | 89   | 71 - 130       |
| Toluene                     | 20.0           | 19.26         |                  | ug/L |   | 96   | 74 - 123       |
| trans-1,2-Dichloroethene    | 20.0           | 18.95         |                  | ug/L |   | 95   | 70 - 126       |
| trans-1,3-Dichloropropene   | 20.0           | 16.55         |                  | ug/L |   | 83   | 69 - 123       |
| trans-1,4-Dichloro-2-butene | 20.0           | 17.01         |                  | ug/L |   | 85   | 50 - 150       |
| 1,1,1-Trichloroethane       | 20.0           | 18.63         |                  | ug/L |   | 93   | 73 - 129       |
| 1,1,2-Trichloroethane       | 20.0           | 18.25         |                  | ug/L |   | 91   | 73 - 123       |
| Trichloroethene             | 20.0           | 18.95         |                  | ug/L |   | 95   | 72 - 126       |

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# QC Sample Results

Client: SCS Engineers  
Project/Site: Clinton County North 1st 2025 GW Sampling  
Event

Job ID: 310-302895-1  
SDG: Clinton County North

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

Lab Sample ID: LCS 310-450081/7

Matrix: Water

Analysis Batch: 450081

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                | Spike<br>Added | LCS<br>Result | LCS<br>Qualifier | Unit | D | %Rec | %Rec<br>Limits |
|------------------------|----------------|---------------|------------------|------|---|------|----------------|
|                        |                |               |                  |      |   |      |                |
| 1,2,3-Trichloropropane | 20.0           | 18.19         |                  | ug/L |   | 91   | 65 - 127       |
| Vinyl acetate          | 40.0           | 32.03         |                  | ug/L |   | 80   | 50 - 150       |
| Xylenes, Total         | 40.0           | 36.84         |                  | ug/L |   | 92   | 73 - 123       |

| Surrogate                   | %Recovery | LCS<br>Qualifier | Limits   |
|-----------------------------|-----------|------------------|----------|
|                             |           |                  |          |
| Dibromofluoromethane (Surr) | 95        |                  | 73 - 130 |
| Toluene-d8 (Surr)           | 103       |                  | 80 - 120 |
| 4-Bromofluorobenzene (Surr) | 98        |                  | 80 - 120 |

Lab Sample ID: LCS 310-450081/8

Matrix: Water

Analysis Batch: 450081

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                | Spike<br>Added | LCS<br>Result | LCS<br>Qualifier | Unit | D | %Rec | %Rec<br>Limits |
|------------------------|----------------|---------------|------------------|------|---|------|----------------|
|                        |                |               |                  |      |   |      |                |
| Bromomethane           | 20.0           | 17.00         |                  | ug/L |   | 85   | 23 - 150       |
| Chloroethane           | 20.0           | 18.25         |                  | ug/L |   | 91   | 54 - 136       |
| Chloromethane          | 20.0           | 17.25         |                  | ug/L |   | 86   | 38 - 150       |
| Trichlorofluoromethane | 20.0           | 20.12         |                  | ug/L |   | 101  | 54 - 149       |
| Vinyl chloride         | 20.0           | 19.63         |                  | ug/L |   | 98   | 56 - 140       |

| Surrogate                   | %Recovery | LCS<br>Qualifier | Limits   |
|-----------------------------|-----------|------------------|----------|
|                             |           |                  |          |
| Dibromofluoromethane (Surr) | 107       |                  | 73 - 130 |
| Toluene-d8 (Surr)           | 97        |                  | 80 - 120 |
| 4-Bromofluorobenzene (Surr) | 104       |                  | 80 - 120 |

Lab Sample ID: MB 310-450349/6

Matrix: Water

Analysis Batch: 450349

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte     | MB<br>Result | MB<br>Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|-------------|--------------|-----------------|------|------|------|---|----------|----------------|---------|
|             |              |                 |      |      |      |   |          |                |         |
| Iodomethane | <10.0        |                 | 10.0 | 7.00 | ug/L |   |          | 04/01/25 12:42 | 1       |

| Surrogate                   | %Recovery | MB<br>Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------------|----------|----------|----------------|---------|
|                             |           |                 |          |          |                |         |
| Dibromofluoromethane (Surr) | 105       |                 | 73 - 130 |          | 04/01/25 12:42 | 1       |
| Toluene-d8 (Surr)           | 94        |                 | 80 - 120 |          | 04/01/25 12:42 | 1       |
| 4-Bromofluorobenzene (Surr) | 105       |                 | 80 - 120 |          | 04/01/25 12:42 | 1       |

Lab Sample ID: LCS 310-450349/7

Matrix: Water

Analysis Batch: 450349

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte     | Spike<br>Added | LCS<br>Result | LCS<br>Qualifier | Unit | D | %Rec | %Rec<br>Limits |
|-------------|----------------|---------------|------------------|------|---|------|----------------|
|             |                |               |                  |      |   |      |                |
| Iodomethane | 20.0           | 15.27         |                  | ug/L |   | 76   | 10 - 150       |

| Surrogate                   | %Recovery | LCS<br>Qualifier | Limits   |
|-----------------------------|-----------|------------------|----------|
|                             |           |                  |          |
| Dibromofluoromethane (Surr) | 94        |                  | 73 - 130 |

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# QC Sample Results

Client: SCS Engineers  
Project/Site: Clinton County North 1st 2025 GW Sampling  
Event

Job ID: 310-302895-1  
SDG: Clinton County North

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

Lab Sample ID: LCS 310-450349/7

Matrix: Water

Analysis Batch: 450349

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

|                             | LCS       | LCS       |          |
|-----------------------------|-----------|-----------|----------|
| Surrogate                   | %Recovery | Qualifier | Limits   |
| Toluene-d8 (Surr)           | 102       |           | 80 - 120 |
| 4-Bromofluorobenzene (Surr) | 104       |           | 80 - 120 |

Lab Sample ID: LCS 310-450349/8

Matrix: Water

Analysis Batch: 450349

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|------------------------|-------------|------------|---------------|------|---|------|-------------|
| Bromomethane           | 20.0        | 13.21      |               | ug/L |   | 66   | 23 - 150    |
| Chloroethane           | 20.0        | 16.06      |               | ug/L |   | 80   | 54 - 136    |
| Chloromethane          | 20.0        | 17.72      |               | ug/L |   | 89   | 38 - 150    |
| Trichlorofluoromethane | 20.0        | 16.89      |               | ug/L |   | 84   | 54 - 149    |
| Vinyl chloride         | 20.0        | 16.73      |               | ug/L |   | 84   | 56 - 140    |

|                             | LCS       | LCS       |          |
|-----------------------------|-----------|-----------|----------|
| Surrogate                   | %Recovery | Qualifier | Limits   |
| Dibromofluoromethane (Surr) | 110       |           | 73 - 130 |
| Toluene-d8 (Surr)           | 96        |           | 80 - 120 |
| 4-Bromofluorobenzene (Surr) | 107       |           | 80 - 120 |

Lab Sample ID: MB 310-450517/6

Matrix: Water

Analysis Batch: 450517

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                     | MB Result | MB Qualifier | RL    | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|--------------|-------|-------|------|---|----------|----------------|---------|
| 2-Butanone (MEK)            | <10.0     |              | 10.0  | 2.10  | ug/L |   |          | 04/02/25 19:42 | 1       |
| Acetone                     | <10.0     |              | 10.0  | 3.10  | ug/L |   |          | 04/02/25 19:42 | 1       |
| Acrylonitrile               | <10.0     |              | 10.0  | 2.20  | ug/L |   |          | 04/02/25 19:42 | 1       |
| 1,2-Dibromo-3-Chloropropane | <1.20     |              | 1.20  | 1.20  | ug/L |   |          | 04/02/25 19:42 | 1       |
| Benzene                     | <0.500    |              | 0.500 | 0.220 | ug/L |   |          | 04/02/25 19:42 | 1       |
| 1,2-Dibromoethane (EDB)     | <0.340    |              | 0.340 | 0.340 | ug/L |   |          | 04/02/25 19:42 | 1       |
| Bromochloromethane          | <5.00     |              | 5.00  | 0.540 | ug/L |   |          | 04/02/25 19:42 | 1       |
| Bromodichloromethane        | <1.00     |              | 1.00  | 0.390 | ug/L |   |          | 04/02/25 19:42 | 1       |
| Bromoform                   | <5.00     |              | 5.00  | 0.780 | ug/L |   |          | 04/02/25 19:42 | 1       |
| 1,2-Dichlorobenzene         | <1.00     |              | 1.00  | 0.370 | ug/L |   |          | 04/02/25 19:42 | 1       |
| Bromomethane                | <4.00     |              | 4.00  | 1.10  | ug/L |   |          | 04/02/25 19:42 | 1       |
| 1,4-Dichlorobenzene         | <1.00     |              | 1.00  | 0.230 | ug/L |   |          | 04/02/25 19:42 | 1       |
| Carbon disulfide            | <1.00     |              | 1.00  | 0.450 | ug/L |   |          | 04/02/25 19:42 | 1       |
| 1,1-Dichloroethane          | <1.00     |              | 1.00  | 0.220 | ug/L |   |          | 04/02/25 19:42 | 1       |
| Carbon tetrachloride        | <2.00     |              | 2.00  | 0.650 | ug/L |   |          | 04/02/25 19:42 | 1       |
| 1,2-Dichloroethane          | <1.00     |              | 1.00  | 0.390 | ug/L |   |          | 04/02/25 19:42 | 1       |
| Chlorobenzene               | <1.00     |              | 1.00  | 0.400 | ug/L |   |          | 04/02/25 19:42 | 1       |
| 1,1-Dichloroethene          | <2.00     |              | 2.00  | 0.560 | ug/L |   |          | 04/02/25 19:42 | 1       |
| Chlorodibromomethane        | <5.00     |              | 5.00  | 0.750 | ug/L |   |          | 04/02/25 19:42 | 1       |
| 1,2-Dichloropropane         | <1.00     |              | 1.00  | 0.270 | ug/L |   |          | 04/02/25 19:42 | 1       |
| Chloroethane                | <4.00     |              | 4.00  | 0.790 | ug/L |   |          | 04/02/25 19:42 | 1       |
| Chloroform                  | <3.00     |              | 3.00  | 1.30  | ug/L |   |          | 04/02/25 19:42 | 1       |
| 2-Hexanone                  | <10.0     |              | 10.0  | 2.00  | ug/L |   |          | 04/02/25 19:42 | 1       |

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# QC Sample Results

Client: SCS Engineers  
Project/Site: Clinton County North 1st 2025 GW Sampling  
Event

Job ID: 310-302895-1  
SDG: Clinton County North

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

Lab Sample ID: MB 310-450517/6

Matrix: Water

Analysis Batch: 450517

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                     | MB Result | MB Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|--------------|------|-------|------|---|----------|----------------|---------|
| Chloromethane               | <3.00     |              | 3.00 | 0.610 | ug/L |   |          | 04/02/25 19:42 | 1       |
| cis-1,2-Dichloroethene      | <1.00     |              | 1.00 | 0.210 | ug/L |   |          | 04/02/25 19:42 | 1       |
| cis-1,3-Dichloropropene     | <5.00     |              | 5.00 | 0.250 | ug/L |   |          | 04/02/25 19:42 | 1       |
| 4-Methyl-2-pentanone (MIBK) | <10.0     |              | 10.0 | 2.10  | ug/L |   |          | 04/02/25 19:42 | 1       |
| Dibromomethane              | <1.00     |              | 1.00 | 0.330 | ug/L |   |          | 04/02/25 19:42 | 1       |
| Ethylbenzene                | <1.00     |              | 1.00 | 0.310 | ug/L |   |          | 04/02/25 19:42 | 1       |
| Iodomethane                 | <10.0     |              | 10.0 | 7.00  | ug/L |   |          | 04/02/25 19:42 | 1       |
| 1,1,1,2-Tetrachloroethane   | <1.00     |              | 1.00 | 0.380 | ug/L |   |          | 04/02/25 19:42 | 1       |
| Methylene Chloride          | <5.00     |              | 5.00 | 1.70  | ug/L |   |          | 04/02/25 19:42 | 1       |
| 1,1,2,2-Tetrachloroethane   | <1.00     |              | 1.00 | 0.470 | ug/L |   |          | 04/02/25 19:42 | 1       |
| Styrene                     | <1.00     |              | 1.00 | 0.370 | ug/L |   |          | 04/02/25 19:42 | 1       |
| Tetrachloroethene           | <1.00     |              | 1.00 | 0.480 | ug/L |   |          | 04/02/25 19:42 | 1       |
| Toluene                     | <1.00     |              | 1.00 | 0.430 | ug/L |   |          | 04/02/25 19:42 | 1       |
| trans-1,2-Dichloroethene    | <1.00     |              | 1.00 | 0.270 | ug/L |   |          | 04/02/25 19:42 | 1       |
| trans-1,3-Dichloropropene   | <5.00     |              | 5.00 | 0.560 | ug/L |   |          | 04/02/25 19:42 | 1       |
| trans-1,4-Dichloro-2-butene | <10.0     |              | 10.0 | 1.10  | ug/L |   |          | 04/02/25 19:42 | 1       |
| 1,1,1-Trichloroethane       | <1.00     |              | 1.00 | 0.190 | ug/L |   |          | 04/02/25 19:42 | 1       |
| 1,1,2-Trichloroethane       | <1.00     |              | 1.00 | 0.450 | ug/L |   |          | 04/02/25 19:42 | 1       |
| Trichloroethene             | <1.00     |              | 1.00 | 0.430 | ug/L |   |          | 04/02/25 19:42 | 1       |
| Trichlorofluoromethane      | <4.00     |              | 4.00 | 0.380 | ug/L |   |          | 04/02/25 19:42 | 1       |
| 1,2,3-Trichloropropane      | <1.00     |              | 1.00 | 0.590 | ug/L |   |          | 04/02/25 19:42 | 1       |
| Vinyl acetate               | <10.0     |              | 10.0 | 2.50  | ug/L |   |          | 04/02/25 19:42 | 1       |
| Vinyl chloride              | <1.00     |              | 1.00 | 0.180 | ug/L |   |          | 04/02/25 19:42 | 1       |
| Xylenes, Total              | <3.00     |              | 3.00 | 0.400 | ug/L |   |          | 04/02/25 19:42 | 1       |

| Surrogate                   | MB %Recovery | MB Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|-----------------------------|--------------|--------------|----------|----------|----------------|---------|
| Dibromofluoromethane (Surr) | 108          |              | 73 - 130 |          | 04/02/25 19:42 | 1       |
| Toluene-d8 (Surr)           | 99           |              | 80 - 120 |          | 04/02/25 19:42 | 1       |
| 4-Bromofluorobenzene (Surr) | 100          |              | 80 - 120 |          | 04/02/25 19:42 | 1       |

Lab Sample ID: LCS 310-450517/7

Matrix: Water

Analysis Batch: 450517

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        | 40.72      |               | ug/L |   | 102  | 50 - 150    |
| Acetone                     | 40.0        | 41.00      |               | ug/L |   | 103  | 50 - 150    |
| Acrylonitrile               | 200         | 204.9      |               | ug/L |   | 102  | 50 - 150    |
| 1,2-Dibromo-3-Chloropropane | 20.0        | 19.64      |               | ug/L |   | 98   | 50 - 150    |
| Benzene                     | 20.0        | 19.92      |               | ug/L |   | 100  | 72 - 124    |
| 1,2-Dibromoethane (EDB)     | 20.0        | 20.03      |               | ug/L |   | 100  | 75 - 125    |
| Bromochloromethane          | 20.0        | 22.55      |               | ug/L |   | 113  | 73 - 130    |
| Bromodichloromethane        | 20.0        | 20.18      |               | ug/L |   | 101  | 74 - 122    |
| Bromoform                   | 20.0        | 17.99      |               | ug/L |   | 90   | 61 - 122    |
| 1,2-Dichlorobenzene         | 20.0        | 19.92      |               | ug/L |   | 100  | 74 - 120    |
| 1,4-Dichlorobenzene         | 20.0        | 18.96      |               | ug/L |   | 95   | 72 - 120    |
| Carbon disulfide            | 20.0        | 19.63      |               | ug/L |   | 98   | 59 - 135    |

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# QC Sample Results

Client: SCS Engineers  
Project/Site: Clinton County North 1st 2025 GW Sampling  
Event

Job ID: 310-302895-1  
SDG: Clinton County North

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

Lab Sample ID: LCS 310-450517/7

Matrix: Water

Analysis Batch: 450517

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                     | Spike<br>Added | LCS<br>Result | LCS<br>Qualifier | Unit | D | %Rec | %Rec<br>Limits |
|-----------------------------|----------------|---------------|------------------|------|---|------|----------------|
| 1,1-Dichloroethane          | 20.0           | 21.37         |                  | ug/L |   | 107  | 70 - 127       |
| Carbon tetrachloride        | 20.0           | 19.76         |                  | ug/L |   | 99   | 67 - 132       |
| 1,2-Dichloroethane          | 20.0           | 20.81         |                  | ug/L |   | 104  | 71 - 125       |
| Chlorobenzene               | 20.0           | 19.66         |                  | ug/L |   | 98   | 76 - 120       |
| 1,1-Dichloroethene          | 20.0           | 20.59         |                  | ug/L |   | 103  | 63 - 132       |
| Chlorodibromomethane        | 20.0           | 19.32         |                  | ug/L |   | 97   | 71 - 121       |
| 1,2-Dichloropropane         | 20.0           | 20.27         |                  | ug/L |   | 101  | 73 - 124       |
| Chloroform                  | 20.0           | 21.52         |                  | ug/L |   | 108  | 72 - 125       |
| 2-Hexanone                  | 40.0           | 43.96         |                  | ug/L |   | 110  | 60 - 140       |
| cis-1,2-Dichloroethene      | 20.0           | 21.21         |                  | ug/L |   | 106  | 74 - 123       |
| cis-1,3-Dichloropropene     | 20.0           | 21.79         |                  | ug/L |   | 109  | 71 - 125       |
| 4-Methyl-2-pentanone (MIBK) | 40.0           | 43.22         |                  | ug/L |   | 108  | 60 - 139       |
| Dibromomethane              | 20.0           | 19.78         |                  | ug/L |   | 99   | 74 - 125       |
| Ethylbenzene                | 20.0           | 18.44         |                  | ug/L |   | 92   | 74 - 122       |
| Iodomethane                 | 20.0           | 11.52         |                  | ug/L |   | 58   | 10 - 150       |
| 1,1,1,2-Tetrachloroethane   | 20.0           | 20.31         |                  | ug/L |   | 102  | 71 - 120       |
| Methylene Chloride          | 20.0           | 22.15         |                  | ug/L |   | 111  | 50 - 150       |
| 1,1,2,2-Tetrachloroethane   | 20.0           | 19.70         |                  | ug/L |   | 99   | 68 - 124       |
| Styrene                     | 20.0           | 18.11         |                  | ug/L |   | 91   | 74 - 121       |
| Tetrachloroethene           | 20.0           | 20.19         |                  | ug/L |   | 101  | 71 - 130       |
| Toluene                     | 20.0           | 20.82         |                  | ug/L |   | 104  | 74 - 123       |
| trans-1,2-Dichloroethene    | 20.0           | 20.90         |                  | ug/L |   | 105  | 70 - 126       |
| trans-1,3-Dichloropropene   | 20.0           | 18.27         |                  | ug/L |   | 91   | 69 - 123       |
| trans-1,4-Dichloro-2-butene | 20.0           | 19.89         |                  | ug/L |   | 99   | 50 - 150       |
| 1,1,1-Trichloroethane       | 20.0           | 19.98         |                  | ug/L |   | 100  | 73 - 129       |
| 1,1,2-Trichloroethane       | 20.0           | 20.42         |                  | ug/L |   | 102  | 73 - 123       |
| Trichloroethene             | 20.0           | 19.30         |                  | ug/L |   | 96   | 72 - 126       |
| 1,2,3-Trichloropropane      | 20.0           | 20.12         |                  | ug/L |   | 101  | 65 - 127       |
| Vinyl acetate               | 40.0           | 36.46         |                  | ug/L |   | 91   | 50 - 150       |
| Xylenes, Total              | 40.0           | 36.72         |                  | ug/L |   | 92   | 73 - 123       |

| Surrogate                   | LCS<br>%Recovery | LCS<br>Qualifier | Limits   |
|-----------------------------|------------------|------------------|----------|
| Dibromofluoromethane (Surr) | 99               |                  | 73 - 130 |
| Toluene-d8 (Surr)           | 100              |                  | 80 - 120 |
| 4-Bromofluorobenzene (Surr) | 101              |                  | 80 - 120 |

Lab Sample ID: LCS 310-450517/8

Matrix: Water

Analysis Batch: 450517

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                | Spike<br>Added | LCS<br>Result | LCS<br>Qualifier | Unit | D | %Rec | %Rec<br>Limits |
|------------------------|----------------|---------------|------------------|------|---|------|----------------|
| Bromomethane           | 20.0           | 15.22         |                  | ug/L |   | 76   | 23 - 150       |
| Chloroethane           | 20.0           | 17.54         |                  | ug/L |   | 88   | 54 - 136       |
| Chloromethane          | 20.0           | 17.31         |                  | ug/L |   | 87   | 38 - 150       |
| Trichlorofluoromethane | 20.0           | 18.84         |                  | ug/L |   | 94   | 54 - 149       |
| Vinyl chloride         | 20.0           | 18.63         |                  | ug/L |   | 93   | 56 - 140       |

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# QC Sample Results

Client: SCS Engineers  
Project/Site: Clinton County North 1st 2025 GW Sampling  
Event

Job ID: 310-302895-1  
SDG: Clinton County North

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

Lab Sample ID: LCS 310-450517/8

Matrix: Water

Analysis Batch: 450517

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

|                             | LCS       | LCS       |          |
|-----------------------------|-----------|-----------|----------|
| Surrogate                   | %Recovery | Qualifier | Limits   |
| Dibromofluoromethane (Surr) | 111       |           | 73 - 130 |
| Toluene-d8 (Surr)           | 98        |           | 80 - 120 |
| 4-Bromofluorobenzene (Surr) | 98        |           | 80 - 120 |

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

Lab Sample ID: MB 310-450320/1-A

Matrix: Water

Analysis Batch: 450798

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 450320

| Analyte   | MB        | MB        |          |          |      |   |                |                |         |
|-----------|-----------|-----------|----------|----------|------|---|----------------|----------------|---------|
|           | Result    | Qualifier | RL       | MDL      | Unit | D | Prepared       | Analyzed       | Dil Fac |
| Antimony  | <0.00200  |           | 0.00200  | 0.00100  | mg/L |   | 04/02/25 09:00 | 04/04/25 13:29 | 1       |
| Arsenic   | <0.00200  |           | 0.00200  | 0.000530 | mg/L |   | 04/02/25 09:00 | 04/04/25 13:29 | 1       |
| Barium    | <0.00200  |           | 0.00200  | 0.000660 | mg/L |   | 04/02/25 09:00 | 04/04/25 13:29 | 1       |
| Beryllium | <0.00100  |           | 0.00100  | 0.000330 | mg/L |   | 04/02/25 09:00 | 04/04/25 13:29 | 1       |
| Cadmium   | <0.000200 |           | 0.000200 | 0.000100 | mg/L |   | 04/02/25 09:00 | 04/04/25 13:29 | 1       |
| Chromium  | <0.00500  |           | 0.00500  | 0.00180  | mg/L |   | 04/02/25 09:00 | 04/04/25 13:29 | 1       |
| Cobalt    | <0.000500 |           | 0.000500 | 0.000170 | mg/L |   | 04/02/25 09:00 | 04/04/25 13:29 | 1       |
| Copper    | <0.00500  |           | 0.00500  | 0.00320  | mg/L |   | 04/02/25 09:00 | 04/04/25 13:29 | 1       |
| Lead      | <0.000500 |           | 0.000500 | 0.000330 | mg/L |   | 04/02/25 09:00 | 04/04/25 13:29 | 1       |
| Nickel    | <0.00500  |           | 0.00500  | 0.00230  | mg/L |   | 04/02/25 09:00 | 04/04/25 13:29 | 1       |
| Selenium  | <0.00500  |           | 0.00500  | 0.00140  | mg/L |   | 04/02/25 09:00 | 04/04/25 13:29 | 1       |
| Silver    | <0.00100  |           | 0.00100  | 0.000500 | mg/L |   | 04/02/25 09:00 | 04/04/25 13:29 | 1       |
| Thallium  | <0.00100  |           | 0.00100  | 0.000570 | mg/L |   | 04/02/25 09:00 | 04/04/25 13:29 | 1       |
| Vanadium  | <0.00500  |           | 0.00500  | 0.00170  | mg/L |   | 04/02/25 09:00 | 04/04/25 13:29 | 1       |
| Zinc      | <0.0200   |           | 0.0200   | 0.0130   | mg/L |   | 04/02/25 09:00 | 04/04/25 13:29 | 1       |

Lab Sample ID: LCS 310-450320/2-A

Matrix: Water

Analysis Batch: 450798

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 450320

|           | Spike | LCS     | LCS       |      |   |      |          | %Rec |  |
|-----------|-------|---------|-----------|------|---|------|----------|------|--|
| Analyte   | Added | Result  | Qualifier | Unit | D | %Rec | Limits   |      |  |
| Antimony  | 0.200 | 0.2193  |           | mg/L |   | 110  | 80 - 120 |      |  |
| Arsenic   | 0.200 | 0.2074  |           | mg/L |   | 104  | 80 - 120 |      |  |
| Barium    | 0.100 | 0.1033  |           | mg/L |   | 103  | 80 - 120 |      |  |
| Beryllium | 0.100 | 0.09726 |           | mg/L |   | 97   | 80 - 120 |      |  |
| Cadmium   | 0.100 | 0.1004  |           | mg/L |   | 100  | 80 - 120 |      |  |
| Chromium  | 0.100 | 0.1033  |           | mg/L |   | 103  | 80 - 120 |      |  |
| Cobalt    | 0.100 | 0.1062  |           | mg/L |   | 106  | 80 - 120 |      |  |
| Copper    | 0.200 | 0.2090  |           | mg/L |   | 105  | 80 - 120 |      |  |
| Lead      | 0.200 | 0.2093  |           | mg/L |   | 105  | 80 - 120 |      |  |
| Nickel    | 0.200 | 0.2091  |           | mg/L |   | 105  | 80 - 120 |      |  |
| Selenium  | 0.400 | 0.3907  |           | mg/L |   | 98   | 80 - 120 |      |  |
| Silver    | 0.100 | 0.1064  |           | mg/L |   | 106  | 80 - 120 |      |  |
| Thallium  | 0.100 | 0.09509 |           | mg/L |   | 95   | 80 - 120 |      |  |
| Vanadium  | 0.100 | 0.1011  |           | mg/L |   | 101  | 80 - 120 |      |  |
| Zinc      | 0.200 | 0.1927  |           | mg/L |   | 96   | 80 - 120 |      |  |

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## QC Sample Results

Client: SCS Engineers  
Project/Site: Clinton County North 1st 2025 GW Sampling Event

Job ID: 310-302895-1  
SDG: Clinton County North

### Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 310-302895-7 DU

Matrix: Water

Analysis Batch: 450798

Client Sample ID: MW-D

Prep Type: Total/NA

Prep Batch: 450320

| Analyte  | Sample    | Sample    | DU        | DU        | Unit | D | RPD | Limit |
|----------|-----------|-----------|-----------|-----------|------|---|-----|-------|
|          | Result    | Qualifier | Result    | Qualifier |      |   |     |       |
| Antimony | <0.00200  |           | 0.001115  | J         | mg/L |   | NC  | 20    |
| Arsenic  | 0.123     |           | 0.1156    |           | mg/L |   | 6   | 20    |
| Barium   | 0.395     |           | 0.3709    |           | mg/L |   | 6   | 20    |
| Cadmium  | <0.000200 |           | <0.000200 |           | mg/L |   | NC  | 20    |
| Chromium | <0.00500  |           | <0.00500  |           | mg/L |   | NC  | 20    |
| Cobalt   | 0.00621   |           | 0.005858  |           | mg/L |   | 6   | 20    |
| Copper   | <0.00500  |           | <0.00500  |           | mg/L |   | NC  | 20    |
| Lead     | <0.000500 |           | <0.000500 |           | mg/L |   | NC  | 20    |
| Nickel   | 0.0408    |           | 0.03827   |           | mg/L |   | 6   | 20    |
| Selenium | <0.00500  |           | <0.00500  |           | mg/L |   | NC  | 20    |
| Silver   | <0.00100  |           | <0.00100  |           | mg/L |   | NC  | 20    |
| Thallium | <0.00100  |           | <0.00100  |           | mg/L |   | NC  | 20    |
| Vanadium | <0.00500  |           | <0.00500  |           | mg/L |   | NC  | 20    |
| Zinc     | <0.0200   |           | <0.0200   |           | mg/L |   | NC  | 20    |

Lab Sample ID: 310-302895-7 DU

Matrix: Water

Analysis Batch: 450918

Client Sample ID: MW-D

Prep Type: Total/NA

Prep Batch: 450320

| Analyte   | Sample   | Sample    | DU       | DU        | Unit | D | RPD | Limit |
|-----------|----------|-----------|----------|-----------|------|---|-----|-------|
|           | Result   | Qualifier | Result   | Qualifier |      |   |     |       |
| Beryllium | <0.00400 |           | <0.00400 |           | mg/L |   | NC  | 20    |

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

Lab Sample ID: MB 310-450030/1

Matrix: Water

Analysis Batch: 450030

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                | MB     | MB        | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------|--------|-----------|------|------|------|---|----------|----------------|---------|
|                        | Result | Qualifier |      |      |      |   |          |                |         |
| Total Suspended Solids | <5.00  |           | 5.00 | 3.50 | mg/L |   |          | 03/28/25 07:41 | 1       |

Lab Sample ID: LCS 310-450030/2

Matrix: Water

Analysis Batch: 450030

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         | 96.00      |               | mg/L |   | 96   | 81 - 116    |

## QC Association Summary

Client: SCS Engineers  
Project/Site: Clinton County North 1st 2025 GW Sampling  
Event

Job ID: 310-302895-1  
SDG: Clinton County North

### GC/MS VOA

#### Analysis Batch: 450081

| Lab Sample ID    | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|------------------|--------------------|-----------|--------|--------|------------|
| 310-302895-1     | MW-06-7R           | Total/NA  | Water  | 8260D  |            |
| 310-302895-2     | MW-90-13           | Total/NA  | Water  | 8260D  |            |
| 310-302895-3     | MW-03-16           | Total/NA  | Water  | 8260D  |            |
| 310-302895-4     | PZ-R3              | Total/NA  | Water  | 8260D  |            |
| 310-302895-5     | PZ-R4              | Total/NA  | Water  | 8260D  |            |
| 310-302895-7     | MW-D               | Total/NA  | Water  | 8260D  |            |
| 310-302895-8     | Trip Blank         | Total/NA  | Water  | 8260D  |            |
| MB 310-450081/6  | Method Blank       | Total/NA  | Water  | 8260D  |            |
| LCS 310-450081/7 | Lab Control Sample | Total/NA  | Water  | 8260D  |            |
| LCS 310-450081/8 | Lab Control Sample | Total/NA  | Water  | 8260D  |            |

#### Analysis Batch: 450349

| Lab Sample ID    | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|------------------|--------------------|-----------|--------|--------|------------|
| 310-302895-1     | MW-06-7R           | Total/NA  | Water  | 8260D  |            |
| 310-302895-2     | MW-90-13           | Total/NA  | Water  | 8260D  |            |
| 310-302895-3     | MW-03-16           | Total/NA  | Water  | 8260D  |            |
| MB 310-450349/6  | Method Blank       | Total/NA  | Water  | 8260D  |            |
| LCS 310-450349/7 | Lab Control Sample | Total/NA  | Water  | 8260D  |            |
| LCS 310-450349/8 | Lab Control Sample | Total/NA  | Water  | 8260D  |            |

#### Analysis Batch: 450517

| Lab Sample ID    | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|------------------|--------------------|-----------|--------|--------|------------|
| 310-302895-4     | PZ-R3              | Total/NA  | Water  | 8260D  |            |
| 310-302895-5     | PZ-R4              | Total/NA  | Water  | 8260D  |            |
| 310-302895-7     | MW-D               | Total/NA  | Water  | 8260D  |            |
| 310-302895-8     | Trip Blank         | Total/NA  | Water  | 8260D  |            |
| MB 310-450517/6  | Method Blank       | Total/NA  | Water  | 8260D  |            |
| LCS 310-450517/7 | Lab Control Sample | Total/NA  | Water  | 8260D  |            |
| LCS 310-450517/8 | Lab Control Sample | Total/NA  | Water  | 8260D  |            |

### Metals

#### Prep Batch: 450320

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 310-302895-1       | MW-06-7R           | Total/NA  | Water  | 3005A  |            |
| 310-302895-3       | MW-03-16           | Total/NA  | Water  | 3005A  |            |
| 310-302895-4       | PZ-R3              | Total/NA  | Water  | 3005A  |            |
| 310-302895-5       | PZ-R4              | Total/NA  | Water  | 3005A  |            |
| 310-302895-6       | MW-06-6R           | Total/NA  | Water  | 3005A  |            |
| 310-302895-7       | MW-D               | Total/NA  | Water  | 3005A  |            |
| MB 310-450320/1-A  | Method Blank       | Total/NA  | Water  | 3005A  |            |
| LCS 310-450320/2-A | Lab Control Sample | Total/NA  | Water  | 3005A  |            |
| 310-302895-7 DU    | MW-D               | Total/NA  | Water  | 3005A  |            |

#### Analysis Batch: 450798

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 310-302895-1  | MW-06-7R         | Total/NA  | Water  | 6020B  | 450320     |
| 310-302895-3  | MW-03-16         | Total/NA  | Water  | 6020B  | 450320     |
| 310-302895-4  | PZ-R3            | Total/NA  | Water  | 6020B  | 450320     |
| 310-302895-5  | PZ-R4            | Total/NA  | Water  | 6020B  | 450320     |

Eurofins Cedar Falls

## QC Association Summary

Client: SCS Engineers  
Project/Site: Clinton County North 1st 2025 GW Sampling  
Event

Job ID: 310-302895-1  
SDG: Clinton County North

### Metals (Continued)

#### Analysis Batch: 450798 (Continued)

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 310-302895-6       | MW-06-6R           | Total/NA  | Water  | 6020B  | 450320     |
| 310-302895-7       | MW-D               | Total/NA  | Water  | 6020B  | 450320     |
| MB 310-450320/1-A  | Method Blank       | Total/NA  | Water  | 6020B  | 450320     |
| LCS 310-450320/2-A | Lab Control Sample | Total/NA  | Water  | 6020B  | 450320     |
| 310-302895-7 DU    | MW-D               | Total/NA  | Water  | 6020B  | 450320     |

#### Analysis Batch: 450918

| Lab Sample ID   | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-----------------|------------------|-----------|--------|--------|------------|
| 310-302895-1    | MW-06-7R         | Total/NA  | Water  | 6020B  | 450320     |
| 310-302895-3    | MW-03-16         | Total/NA  | Water  | 6020B  | 450320     |
| 310-302895-5    | PZ-R4            | Total/NA  | Water  | 6020B  | 450320     |
| 310-302895-6    | MW-06-6R         | Total/NA  | Water  | 6020B  | 450320     |
| 310-302895-7    | MW-D             | Total/NA  | Water  | 6020B  | 450320     |
| 310-302895-7 DU | MW-D             | Total/NA  | Water  | 6020B  | 450320     |

### General Chemistry

#### Analysis Batch: 450030

| Lab Sample ID    | Client Sample ID   | Prep Type | Matrix | Method    | Prep Batch |
|------------------|--------------------|-----------|--------|-----------|------------|
| 310-302895-1     | MW-06-7R           | Total/NA  | Water  | I-3765-85 |            |
| 310-302895-3     | MW-03-16           | Total/NA  | Water  | I-3765-85 |            |
| 310-302895-4     | PZ-R3              | Total/NA  | Water  | I-3765-85 |            |
| 310-302895-5     | PZ-R4              | Total/NA  | Water  | I-3765-85 |            |
| 310-302895-6     | MW-06-6R           | Total/NA  | Water  | I-3765-85 |            |
| 310-302895-7     | MW-D               | Total/NA  | Water  | I-3765-85 |            |
| MB 310-450030/1  | Method Blank       | Total/NA  | Water  | I-3765-85 |            |
| LCS 310-450030/2 | Lab Control Sample | Total/NA  | Water  | I-3765-85 |            |



## Lab Chronicle

Client: SCS Engineers  
Project/Site: Clinton County North 1st 2025 GW Sampling Event

Job ID: 310-302895-1  
SDG: Clinton County North

**Client Sample ID: MW-06-7R**

**Lab Sample ID: 310-302895-1**

Date Collected: 03/24/25 15:01

Matrix: Water

Date Received: 03/27/25 16:25

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab    | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|--------|----------------------|
| Total/NA  | Analysis   | 8260D        |     | 1               | 450349       | WSE8    | EET CF | 04/01/25 20:27       |
| Total/NA  | Analysis   | 8260D        |     | 1               | 450081       | WSE8    | EET CF | 03/29/25 04:45       |
| Total/NA  | Prep       | 3005A        |     |                 | 450320       | QTZ5    | EET CF | 04/02/25 09:00       |
| Total/NA  | Analysis   | 6020B        |     | 1               | 450798       | NFT2    | EET CF | 04/04/25 14:24       |
| Total/NA  | Prep       | 3005A        |     |                 | 450320       | QTZ5    | EET CF | 04/02/25 09:00       |
| Total/NA  | Analysis   | 6020B        |     | 1               | 450918       | NFT2    | EET CF | 04/07/25 12:35       |
| Total/NA  | Analysis   | I-3765-85    |     | 1               | 450030       | DGU1    | EET CF | 03/28/25 07:41       |

**Client Sample ID: MW-90-13**

**Lab Sample ID: 310-302895-2**

Date Collected: 03/24/25 17:52

Matrix: Water

Date Received: 03/27/25 16:25

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab    | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|--------|----------------------|
| Total/NA  | Analysis   | 8260D        |     | 1               | 450349       | WSE8    | EET CF | 04/01/25 20:49       |
| Total/NA  | Analysis   | 8260D        |     | 1               | 450081       | WSE8    | EET CF | 03/29/25 05:08       |

**Client Sample ID: MW-03-16**

**Lab Sample ID: 310-302895-3**

Date Collected: 03/24/25 15:48

Matrix: Water

Date Received: 03/27/25 16:25

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab    | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|--------|----------------------|
| Total/NA  | Analysis   | 8260D        |     | 1               | 450349       | WSE8    | EET CF | 04/01/25 21:11       |
| Total/NA  | Analysis   | 8260D        |     | 1               | 450081       | WSE8    | EET CF | 03/29/25 05:31       |
| Total/NA  | Prep       | 3005A        |     |                 | 450320       | QTZ5    | EET CF | 04/02/25 09:00       |
| Total/NA  | Analysis   | 6020B        |     | 1               | 450798       | NFT2    | EET CF | 04/04/25 14:00       |
| Total/NA  | Prep       | 3005A        |     |                 | 450320       | QTZ5    | EET CF | 04/02/25 09:00       |
| Total/NA  | Analysis   | 6020B        |     | 1               | 450918       | NFT2    | EET CF | 04/07/25 12:14       |
| Total/NA  | Analysis   | I-3765-85    |     | 1               | 450030       | DGU1    | EET CF | 03/28/25 07:41       |

**Client Sample ID: PZ-R3**

**Lab Sample ID: 310-302895-4**

Date Collected: 03/24/25 16:38

Matrix: Water

Date Received: 03/27/25 16:25

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab    | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|--------|----------------------|
| Total/NA  | Analysis   | 8260D        |     | 1               | 450081       | WSE8    | EET CF | 03/29/25 05:53       |
| Total/NA  | Analysis   | 8260D        |     | 1               | 450517       | WSE8    | EET CF | 04/02/25 23:05       |
| Total/NA  | Prep       | 3005A        |     |                 | 450320       | QTZ5    | EET CF | 04/02/25 09:00       |
| Total/NA  | Analysis   | 6020B        |     | 1               | 450798       | NFT2    | EET CF | 04/04/25 14:29       |
| Total/NA  | Analysis   | I-3765-85    |     | 1               | 450030       | DGU1    | EET CF | 03/28/25 07:41       |

# Lab Chronicle

Client: SCS Engineers  
Project/Site: Clinton County North 1st 2025 GW Sampling  
Event

Job ID: 310-302895-1  
SDG: Clinton County North

**Client Sample ID: PZ-R4**

**Lab Sample ID: 310-302895-5**

**Date Collected: 03/24/25 17:29**

**Matrix: Water**

**Date Received: 03/27/25 16:25**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab    | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|--------|----------------------|
| Total/NA  | Analysis   | 8260D        |     | 1               | 450081       | WSE8    | EET CF | 03/29/25 06:16       |
| Total/NA  | Analysis   | 8260D        |     | 1               | 450517       | WSE8    | EET CF | 04/02/25 23:28       |
| Total/NA  | Prep       | 3005A        |     |                 | 450320       | QTZ5    | EET CF | 04/02/25 09:00       |
| Total/NA  | Analysis   | 6020B        |     | 1               | 450798       | NFT2    | EET CF | 04/04/25 14:26       |
| Total/NA  | Prep       | 3005A        |     |                 | 450320       | QTZ5    | EET CF | 04/02/25 09:00       |
| Total/NA  | Analysis   | 6020B        |     | 1               | 450918       | NFT2    | EET CF | 04/07/25 12:38       |
| Total/NA  | Analysis   | I-3765-85    |     | 1               | 450030       | DGU1    | EET CF | 03/28/25 07:41       |

**Client Sample ID: MW-06-6R**

**Lab Sample ID: 310-302895-6**

**Date Collected: 03/24/25 14:17**

**Matrix: Water**

**Date Received: 03/27/25 16:25**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab    | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|--------|----------------------|
| Total/NA  | Prep       | 3005A        |     |                 | 450320       | QTZ5    | EET CF | 04/02/25 09:00       |
| Total/NA  | Analysis   | 6020B        |     | 1               | 450798       | NFT2    | EET CF | 04/04/25 14:02       |
| Total/NA  | Prep       | 3005A        |     |                 | 450320       | QTZ5    | EET CF | 04/02/25 09:00       |
| Total/NA  | Analysis   | 6020B        |     | 1               | 450918       | NFT2    | EET CF | 04/07/25 12:16       |
| Total/NA  | Analysis   | I-3765-85    |     | 1               | 450030       | DGU1    | EET CF | 03/28/25 07:41       |

**Client Sample ID: MW-D**

**Lab Sample ID: 310-302895-7**

**Date Collected: 03/24/25 15:48**

**Matrix: Water**

**Date Received: 03/27/25 16:25**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab    | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|--------|----------------------|
| Total/NA  | Analysis   | 8260D        |     | 1               | 450081       | WSE8    | EET CF | 03/29/25 06:38       |
| Total/NA  | Analysis   | 8260D        |     | 1               | 450517       | WSE8    | EET CF | 04/02/25 23:50       |
| Total/NA  | Prep       | 3005A        |     |                 | 450320       | QTZ5    | EET CF | 04/02/25 09:00       |
| Total/NA  | Analysis   | 6020B        |     | 1               | 450798       | NFT2    | EET CF | 04/04/25 14:12       |
| Total/NA  | Prep       | 3005A        |     |                 | 450320       | QTZ5    | EET CF | 04/02/25 09:00       |
| Total/NA  | Analysis   | 6020B        |     | 4               | 450918       | NFT2    | EET CF | 04/07/25 12:23       |
| Total/NA  | Analysis   | I-3765-85    |     | 1               | 450030       | DGU1    | EET CF | 03/28/25 07:41       |

**Client Sample ID: Trip Blank**

**Lab Sample ID: 310-302895-8**

**Date Collected: 03/24/25 00:00**

**Matrix: Water**

**Date Received: 03/27/25 16:25**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab    | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|--------|----------------------|
| Total/NA  | Analysis   | 8260D        |     | 1               | 450081       | WSE8    | EET CF | 03/28/25 23:30       |
| Total/NA  | Analysis   | 8260D        |     | 1               | 450517       | WSE8    | EET CF | 04/02/25 20:50       |

## Laboratory References:

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

Eurofins Cedar Falls

Accreditation/Certification Summary

Client: SCS Engineers  
Project/Site: Clinton County North 1st 2025 GW Sampling  
Event

Job ID: 310-302895-1  
SDG: Clinton County North

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        |

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## Method Summary

Client: SCS Engineers

Project/Site: Clinton County North 1st 2025 GW Sampling  
Event

Job ID: 310-302895-1  
SDG: Clinton County North

| Method    | Method Description                  | Protocol | Laboratory |
|-----------|-------------------------------------|----------|------------|
| 8260D     | Volatile Organic Compounds by GC/MS | SW846    | EET CF     |
| 6020B     | Metals (ICP/MS)                     | SW846    | EET CF     |
| I-3765-85 | Residue, Non-filterable (TSS)       | USGS     | EET CF     |
| 3005A     | Preparation, Total Metals           | SW846    | EET CF     |
| 5030B     | Purge and Trap                      | SW846    | EET CF     |

### Protocol References:

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

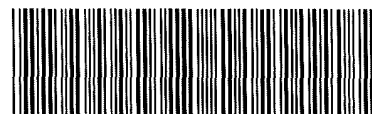
USGS = "Methods For Analysis Of Water And Fluvial Sediments", USGS, 1989

### Laboratory References:

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



Environment Testing  
America



310-302895 Chain of Custody

### Cooler/Sample Receipt and Temperature Log Form

|                                                                                                                                                                                                                                                                                                                                                                   |                     |                                                          |                        |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|----------------------------------------------------------|------------------------|
| <b>Client Information</b>                                                                                                                                                                                                                                                                                                                                         |                     |                                                          |                        |
| Client: <u>SCS</u>                                                                                                                                                                                                                                                                                                                                                |                     |                                                          |                        |
| City/State: <u>West Des Moines IA</u>                                                                                                                                                                                                                                                                                                                             |                     | Project:                                                 |                        |
| <b>Receipt Information</b>                                                                                                                                                                                                                                                                                                                                        |                     |                                                          |                        |
| Date/Time Received:                                                                                                                                                                                                                                                                                                                                               | DATE <u>3/27/25</u> | TIME <u>1625</u>                                         | Received By: <u>XB</u> |
| Delivery Type: <input type="checkbox"/> UPS <input type="checkbox"/> FedEx <input type="checkbox"/> FedEx Ground <input type="checkbox"/> US Mail <input type="checkbox"/> Spee-Dee<br><input checked="" type="checkbox"/> Lab Courier <input type="checkbox"/> Lab Field Services <input type="checkbox"/> Client Drop-off <input type="checkbox"/> Other: _____ |                     |                                                          |                        |
| <b>Condition of Cooler/Containers</b>                                                                                                                                                                                                                                                                                                                             |                     |                                                          |                        |
| Sample(s) received in Cooler?                                                                                                                                                                                                                                                                                                                                     |                     | If yes: Cooler ID:                                       |                        |
| <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                                                                                                                                                                                                                                                               |                     |                                                          |                        |
| Multiple Coolers?                                                                                                                                                                                                                                                                                                                                                 |                     | If yes: Cooler # _____ of _____                          |                        |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                                                                                                                                                                                                                                                                                               |                     |                                                          |                        |
| Cooler Custody Seals Present?                                                                                                                                                                                                                                                                                                                                     |                     | If yes: Cooler custody seals intact?                     |                        |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                                                                                                                                                                                                                                                                                               |                     | <input type="checkbox"/> Yes <input type="checkbox"/> No |                        |
| Sample Custody Seals Present?                                                                                                                                                                                                                                                                                                                                     |                     | If yes: Sample custody seals intact?                     |                        |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                                                                                                                                                                                                                                                                                               |                     | <input type="checkbox"/> Yes <input type="checkbox"/> No |                        |
| Trip Blank Present?                                                                                                                                                                                                                                                                                                                                               |                     | If yes: Which VOA samples are in cooler? ↓               |                        |
| <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                                                                                                                                                                                                                                                               |                     |                                                          |                        |
| <u>all</u>                                                                                                                                                                                                                                                                                                                                                        |                     |                                                          |                        |
| <b>Temperature Record</b>                                                                                                                                                                                                                                                                                                                                         |                     |                                                          |                        |
| Coolant: <input checked="" type="checkbox"/> Wet ice <input type="checkbox"/> Blue ice <input type="checkbox"/> Dry ice <input type="checkbox"/> Other: _____ <input type="checkbox"/> NONE                                                                                                                                                                       |                     |                                                          |                        |
| Thermometer ID: <u>Z</u>                                                                                                                                                                                                                                                                                                                                          |                     | Correction Factor (°C): <u>0</u>                         |                        |
| • Temp Blank Temperature – If no temp blank, or temp blank temperature above criteria, proceed to Sample Container Temperature                                                                                                                                                                                                                                    |                     |                                                          |                        |
| Uncorrected Temp (°C): <u>26</u>                                                                                                                                                                                                                                                                                                                                  |                     | Corrected Temp (°C): <u>26</u>                           |                        |
| • Sample Container Temperature                                                                                                                                                                                                                                                                                                                                    |                     |                                                          |                        |
| Container(s) used:                                                                                                                                                                                                                                                                                                                                                | CONTAINER 1         | CONTAINER 2                                              |                        |
| Uncorrected Temp (°C):                                                                                                                                                                                                                                                                                                                                            |                     |                                                          |                        |
| Corrected Temp (°C):                                                                                                                                                                                                                                                                                                                                              |                     |                                                          |                        |
| <b>Exceptions Noted</b>                                                                                                                                                                                                                                                                                                                                           |                     |                                                          |                        |
| 1) If temperature exceeds criteria, was sample(s) received same day of sampling? <input type="checkbox"/> Yes <input type="checkbox"/> No<br>a) If yes: Is there evidence that the chilling process began? <input type="checkbox"/> Yes <input type="checkbox"/> 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?) <input type="checkbox"/> Yes <input type="checkbox"/> No                                                                                                                                  |                     |                                                          |                        |
| NOTE: If yes, contact PM before proceeding. If no, proceed with login                                                                                                                                                                                                                                                                                             |                     |                                                          |                        |
| <b>Additional Comments</b>                                                                                                                                                                                                                                                                                                                                        |                     |                                                          |                        |
|                                                                                                                                                                                                                                                                                                                                                                   |                     |                                                          |                        |
|                                                                                                                                                                                                                                                                                                                                                                   |                     |                                                          |                        |
|                                                                                                                                                                                                                                                                                                                                                                   |                     |                                                          |                        |

Chain of Custody Record

Cedar Falls, IA 50613-6907  
phone 319.277.2401 fax 319.277.2425

TestAmerica Laboratories, Inc. d/b/a Eurofins TestAmerica

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

|                                                                                                                                                                                                                                                                                                                                                                           |         |                                                                                                                                        |             |                               |        |                                                         |                       |                                       |                        |                          |         |                        |            |  |                                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------------------------|--------|---------------------------------------------------------|-----------------------|---------------------------------------|------------------------|--------------------------|---------|------------------------|------------|--|-------------------------------------|
| Client Contact                                                                                                                                                                                                                                                                                                                                                            |         | Project Manager: Sean Marczewski                                                                                                       |             | Site Contact: Sean Marczewski |        | Date:                                                   |                       | COC No                                |                        |                          |         |                        |            |  |                                     |
| SCS Engineers                                                                                                                                                                                                                                                                                                                                                             |         | Email: smarczewski@gmail.com                                                                                                           |             | Lab Contact: Sam Miller       |        | Carrier:                                                |                       | Sampler                               |                        |                          |         |                        |            |  |                                     |
| 1690 All-State Court, Suite 100                                                                                                                                                                                                                                                                                                                                           |         | Cell 712-661-9682                                                                                                                      |             |                               |        |                                                         |                       | For Lab Use Only:                     |                        |                          |         |                        |            |  |                                     |
| West Des Moines, IA 50265                                                                                                                                                                                                                                                                                                                                                 |         | <input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS                                                           |             |                               |        |                                                         |                       | Walk-in Client:                       |                        |                          |         |                        |            |  |                                     |
| 515-631-6160                                                                                                                                                                                                                                                                                                                                                              |         | Other: <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day |             |                               |        |                                                         |                       | Lab Sampling                          |                        |                          |         |                        |            |  |                                     |
| Project Name: Clinton County North 1st 2025 GW Sampling Event                                                                                                                                                                                                                                                                                                             |         |                                                                                                                                        |             |                               |        |                                                         |                       | Job / SDG No                          |                        |                          |         |                        |            |  |                                     |
| Site: Clinton County North                                                                                                                                                                                                                                                                                                                                                |         |                                                                                                                                        |             |                               |        |                                                         |                       |                                       |                        |                          |         |                        |            |  |                                     |
| P O # 27223133.25                                                                                                                                                                                                                                                                                                                                                         |         |                                                                                                                                        |             |                               |        |                                                         |                       |                                       |                        |                          |         |                        |            |  |                                     |
| Sample Identification                                                                                                                                                                                                                                                                                                                                                     |         | Sample Date                                                                                                                            | Sample Time | Sample Type (C=Comp, G=Grab)  | Matrix | # of Cont.                                              | Filtered Sample (Y/N) | Perform MS / MSD (Y/N)                | Appendix I Metals List | Appendix I VOCs          | Arsenic | Total Suspended Solids | Trip Blank |  | Sample Specific Notes               |
| MW-06-7R                                                                                                                                                                                                                                                                                                                                                                  | 3-24-25 | 15:01                                                                                                                                  | 6           | H2O                           |        |                                                         |                       |                                       | X                      |                          |         | X                      |            |  |                                     |
| MW-90-5                                                                                                                                                                                                                                                                                                                                                                   | 3-24-25 | 17:52                                                                                                                                  | 6           | H2O                           |        |                                                         |                       |                                       | X                      |                          |         |                        |            |  |                                     |
| MW-90-13                                                                                                                                                                                                                                                                                                                                                                  | 3-24-25 | 15:48                                                                                                                                  | 6           | H2O                           |        |                                                         |                       |                                       | X                      |                          |         |                        |            |  |                                     |
| MW-03-16                                                                                                                                                                                                                                                                                                                                                                  | 3-24-25 | 16:38                                                                                                                                  | 6           | H2O                           |        |                                                         |                       |                                       | X                      |                          |         |                        |            |  |                                     |
| PZ-R3                                                                                                                                                                                                                                                                                                                                                                     | 3-24-25 | 17:29                                                                                                                                  | 6           | H2O                           |        |                                                         |                       |                                       | X                      |                          |         |                        |            |  |                                     |
| PZ-R4                                                                                                                                                                                                                                                                                                                                                                     | 3-24-25 | 14:17                                                                                                                                  | 6           | H2O                           |        |                                                         |                       |                                       | X                      |                          |         |                        |            |  |                                     |
| MW-06-6R                                                                                                                                                                                                                                                                                                                                                                  | 3-24-25 | 15:48                                                                                                                                  | 6           | H2O                           |        |                                                         |                       |                                       | X                      |                          |         |                        |            |  |                                     |
| MW-D                                                                                                                                                                                                                                                                                                                                                                      |         |                                                                                                                                        |             |                               |        |                                                         |                       |                                       |                        |                          |         |                        |            |  | empty cooler containing VOC samples |
| Trip Blank                                                                                                                                                                                                                                                                                                                                                                |         |                                                                                                                                        |             |                               |        |                                                         |                       |                                       |                        |                          |         |                        |            |  |                                     |
| 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                                                                                                                                                                          |         |                                                                                                                                        |             |                               |        |                                                         |                       |                                       |                        |                          |         |                        |            |  |                                     |
| Special Instructions/QC Requirements & Comments: <input type="checkbox"/> Non-Hazardous <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Return to Client <input type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months |         |                                                                                                                                        |             |                               |        |                                                         |                       |                                       |                        |                          |         |                        |            |  |                                     |
| Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No                                                                                                                                                                                                                                                                                            |         |                                                                                                                                        |             |                               |        |                                                         |                       |                                       |                        |                          |         |                        |            |  |                                     |
| Relinquished by: <i>Handwritten Signature</i>                                                                                                                                                                                                                                                                                                                             |         | Company: SCS                                                                                                                           |             | Date/Time: 3-27-25/14:00      |        | Received by:                                            |                       | Company:                              |                        | Date/Time:               |         | Therm ID No            |            |  |                                     |
| Relinquished by:                                                                                                                                                                                                                                                                                                                                                          |         | Company:                                                                                                                               |             | Date/Time:                    |        | Received by:                                            |                       | Company:                              |                        | Date/Time:               |         |                        |            |  |                                     |
| Relinquished by:                                                                                                                                                                                                                                                                                                                                                          |         | Company:                                                                                                                               |             | Date/Time:                    |        | Received in Laboratory by: <i>Handwritten Signature</i> |                       | Company: <i>Handwritten Signature</i> |                        | Date/Time: 3/27/25 16:25 |         |                        |            |  |                                     |

## Login Sample Receipt Checklist

Client: SCS Engineers

Job Number: 310-302895-1  
SDG Number: Clinton County North

**Login Number: 302895**

**List Number: 1**

**Creator: Homolar, Dana J**

**List Source: Eurofins Cedar Falls**

| Question                                                                                 | Answer | Comment |
|------------------------------------------------------------------------------------------|--------|---------|
| Radioactivity wasn't checked or is $\leq$ 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 $<6\text{mm}$ (1/4"). | True   |         |
| Multiphasic samples are not present.                                                     | True   |         |
| Samples do not require splitting or compositing.                                         | True   |         |
| Residual Chlorine Checked.                                                               | N/A    |         |

# ANALYTICAL REPORT

## PREPARED FOR

Attn: Nathan Ohrt  
SCS Engineers  
1690 All State Court  
Suite 100  
West Des Moines, Iowa 50265

Generated 11/21/2025 4:55:23 PM

## JOB DESCRIPTION

Clinton County South 2nd 2025 GW Sampling Event

## JOB NUMBER

310-320142-1



# Eurofins Cedar Falls

## Job Notes

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

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

## Authorization



Generated  
11/21/2025 4:55:23 PM

Authorized for release by  
Samuel Miller, Project Management Assistant I  
[Samuel.Miller@et.eurofinsus.com](mailto:Samuel.Miller@et.eurofinsus.com)  
(319)595-2008

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# Case Narrative

Client: SCS Engineers  
Project: Clinton County South 2nd 2025 GW Sampling Event

Job ID: 310-320142-1

**Job ID: 310-320142-1**

**Eurofins Cedar Falls**

## **Job Narrative 310-320142-1**

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 11/7/2025 5:30 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, 0.2°C and 0.8°C.

### **GC/MS VOA**

Method 8260D: The continuing calibration verification (CCV) associated with batch 310-473080 recovered outside of the control limits for Bromomethane (-22%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 310-473080/4).

Method 8260D: The method requirement for no headspace was not met. The following volatile sample was analyzed with headspace in the sample container: Trip Blank 3 (310-320142-19).

Method 8260D: The continuing calibration verification (CCV) associated with batch 310-473296 recovered above the upper control limit for Bromomethane (52%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 310-473296/4).

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: Surrogate recovery for the following sample was outside the upper control limit: (MB 310-473109/1-A). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Method 8270E: The surrogate recovery for the LCS associated with preparation batch 310-473109 and analytical batch 310-473730 was outside the upper control limits.

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.

### **Metals**

Method 6020B: The reference method requires samples to be preserved to a pH of <2. The following sample was received with insufficient preservation at a pH of >2: MW-24 (310-320142-11). The sample(s) was preserved to the appropriate pH in the laboratory.

Method 6020B: The method blank for preparation batch 310-473182 contained zinc, lead, copper above the reporting limit (RL). None of the samples associated with this method blank contained the target compound; therefore, re-extraction and/or re-analysis of samples were not performed.

Method 6020B: The initial calibration verification (ICV) result for batch 310-473366 was above the upper control limit. The affected analytes are: antimony. Sample results were non-detects, and have been reported as qualified data.

Method 6020B: The method blank for preparation batch 310-473182 contained zinc, lead, copper above the reporting limit (RL).

Eurofins Cedar Falls

## Case Narrative

Client: SCS Engineers  
Project: Clinton County South 2nd 2025 GW Sampling Event

Job ID: 310-320142-1

### Job ID: 310-320142-1 (Continued)

**Eurofins Cedar Falls**

None of the samples associated with this method blank contained the target compound; therefore, re-extraction and/or re-analysis of samples were not performed.

Method 6020B: The method blank for preparation batch 310-473182 contained zinc, copper above the reporting limit (RL). None of the samples associated with this method blank contained the target compound; therefore, re-extraction and/or re-analysis of samples were not performed.

Method 6020B: The initial calibration verification (ICV) result for batch 310-473366 was above the upper control limit. The affected analytes are: antimony. Sample results were non-detects, and have been reported as qualified data.

Method 6020B: The initial calibration verification (ICV) result for batch 310-473366 was above the upper control limit. The affected analytes are: antimony. Sample results were non-detects, and have been reported as qualified data.

Method 6020B: The method blank for preparation batch 310-473182 contained zinc, copper, lead above the reporting limit (RL). None of the samples associated with this method blank contained the target compound; therefore, re-extraction and/or re-analysis of samples were not performed.

Method 6020B: The method blank for preparation batch 310-473182 contained zinc, copper above the reporting limit (RL). None of the samples associated with this method blank contained the target compound; therefore, re-extraction and/or re-analysis of samples were not performed.

Method 6020B: The laboratory control sample (LCS) for preparation batch 310-473183 and analytical batch 310-474390 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.

Eurofins Cedar Falls

## Sample Summary

Client: SCS Engineers

Job ID: 310-320142-1

Project/Site: Clinton County South 2nd 2025 GW Sampling  
Event

| Lab Sample ID | Client Sample ID | Matrix | Collected      | Received       | Sample Origin |
|---------------|------------------|--------|----------------|----------------|---------------|
| 310-320142-1  | MW-05-02         | Water  | 11/05/25 15:40 | 11/07/25 17:30 | Iowa          |
| 310-320142-2  | MW-19            | Water  | 11/04/25 14:45 | 11/07/25 17:30 | Iowa          |
| 310-320142-3  | MW-28            | Water  | 11/06/25 08:22 | 11/07/25 17:30 | Iowa          |
| 310-320142-4  | MW-29            | Water  | 11/06/25 14:08 | 11/07/25 17:30 | Iowa          |
| 310-320142-5  | MW-39            | Water  | 11/07/25 08:24 | 11/07/25 17:30 | Iowa          |
| 310-320142-6  | MW-40            | Water  | 11/06/25 10:26 | 11/07/25 17:30 | Iowa          |
| 310-320142-7  | MW-41            | Water  | 11/06/25 11:20 | 11/07/25 17:30 | Iowa          |
| 310-320142-8  | MW-42            | Water  | 11/06/25 13:01 | 11/07/25 17:30 | Iowa          |
| 310-320142-9  | MW-90-11         | Water  | 11/04/25 16:50 | 11/07/25 17:30 | Iowa          |
| 310-320142-10 | MW-20            | Water  | 11/04/25 13:26 | 11/07/25 17:30 | Iowa          |
| 310-320142-11 | MW-24            | Water  | 11/04/25 12:45 | 11/07/25 17:30 | Iowa          |
| 310-320142-12 | MW-32            | Water  | 11/07/25 07:31 | 11/07/25 17:30 | Iowa          |
| 310-320142-13 | MW-33            | Water  | 11/05/25 12:08 | 11/07/25 17:30 | Iowa          |
| 310-320142-14 | MW-90-18         | Water  | 11/07/25 09:22 | 11/07/25 17:30 | Iowa          |
| 310-320142-15 | MW-D1            | Water  | 11/04/25 15:18 | 11/07/25 17:30 | Iowa          |
| 310-320142-16 | MW-D2            | Water  | 11/07/25 07:37 | 11/07/25 17:30 | Iowa          |
| 310-320142-17 | Trip Blank 1     | Water  | 11/04/25 00:00 | 11/07/25 17:30 | Iowa          |
| 310-320142-18 | Trip Blank 2     | Water  | 11/04/25 00:00 | 11/07/25 17:30 | Iowa          |
| 310-320142-19 | Trip Blank 3     | Water  | 11/04/25 00:00 | 11/07/25 17:30 | Iowa          |

## Detection Summary

Client: SCS Engineers

Job ID: 310-320142-1

Project/Site: Clinton County South 2nd 2025 GW Sampling

Event

### Client Sample ID: MW-05-02

### Lab Sample ID: 310-320142-1

| Analyte  | Result  | Qualifier | RL      | MDL      | Unit | Dil Fac | D | Method | Prep Type |
|----------|---------|-----------|---------|----------|------|---------|---|--------|-----------|
| Barium   | 0.137   |           | 0.00200 | 0.000660 | mg/L | 1       |   | 6020B  | Total/NA  |
| Chromium | 0.00292 | J         | 0.00500 | 0.00180  | mg/L | 1       |   | 6020B  | Total/NA  |
| Selenium | 0.00167 | J         | 0.00500 | 0.00140  | mg/L | 1       |   | 6020B  | Total/NA  |

### Client Sample ID: MW-19

### Lab Sample ID: 310-320142-2

| Analyte                | Result   | Qualifier | RL       | MDL      | Unit | Dil Fac | D | Method    | Prep Type |
|------------------------|----------|-----------|----------|----------|------|---------|---|-----------|-----------|
| Arsenic                | 0.000726 | J         | 0.00200  | 0.000530 | mg/L | 1       |   | 6020B     | Total/NA  |
| Barium                 | 0.158    |           | 0.00200  | 0.000660 | mg/L | 1       |   | 6020B     | Total/NA  |
| Cadmium                | 0.000196 | J         | 0.000200 | 0.000100 | mg/L | 1       |   | 6020B     | Total/NA  |
| Cobalt                 | 0.000190 | J         | 0.000500 | 0.000170 | mg/L | 1       |   | 6020B     | Total/NA  |
| Nickel                 | 0.00550  |           | 0.00500  | 0.00230  | mg/L | 1       |   | 6020B     | Total/NA  |
| Vanadium               | 0.00183  | J         | 0.00500  | 0.00170  | mg/L | 1       |   | 6020B     | Total/NA  |
| Total Suspended Solids | 4.38     |           | 1.88     | 1.31     | mg/L | 1       |   | I-3765-85 | Total/NA  |

### Client Sample ID: MW-28

### Lab Sample ID: 310-320142-3

| Analyte                | Result   | Qualifier | RL       | MDL      | Unit | Dil Fac | D | Method    | Prep Type |
|------------------------|----------|-----------|----------|----------|------|---------|---|-----------|-----------|
| 1,1-Dichloroethane     | 1.84     |           | 1.00     | 0.400    | ug/L | 1       |   | 8260D     | Total/NA  |
| Arsenic                | 0.000836 | J         | 0.00200  | 0.000530 | mg/L | 1       |   | 6020B     | Total/NA  |
| Barium                 | 0.119    |           | 0.00200  | 0.000660 | mg/L | 1       |   | 6020B     | Total/NA  |
| Chromium               | 0.0130   |           | 0.00500  | 0.00180  | mg/L | 1       |   | 6020B     | Total/NA  |
| Cobalt                 | 0.000501 |           | 0.000500 | 0.000170 | mg/L | 1       |   | 6020B     | Total/NA  |
| Nickel                 | 0.0106   |           | 0.00500  | 0.00230  | mg/L | 1       |   | 6020B     | Total/NA  |
| Total Suspended Solids | 35.3     |           | 1.88     | 1.31     | mg/L | 1       |   | I-3765-85 | Total/NA  |

### Client Sample ID: MW-29

### Lab Sample ID: 310-320142-4

| Analyte                | Result   | Qualifier | RL       | MDL      | Unit | Dil Fac | D | Method    | Prep Type |
|------------------------|----------|-----------|----------|----------|------|---------|---|-----------|-----------|
| Arsenic                | 0.000629 | J         | 0.00200  | 0.000530 | mg/L | 1       |   | 6020B     | Total/NA  |
| Barium                 | 0.186    |           | 0.00200  | 0.000660 | mg/L | 1       |   | 6020B     | Total/NA  |
| Cadmium                | 0.000116 | J         | 0.000200 | 0.000100 | mg/L | 1       |   | 6020B     | Total/NA  |
| Chromium               | 0.00255  | J         | 0.00500  | 0.00180  | mg/L | 1       |   | 6020B     | Total/NA  |
| Cobalt                 | 0.000881 |           | 0.000500 | 0.000170 | mg/L | 1       |   | 6020B     | Total/NA  |
| Lead                   | 0.000384 | J         | 0.000500 | 0.000330 | mg/L | 1       |   | 6020B     | Total/NA  |
| Vanadium               | 0.00337  | J         | 0.00500  | 0.00170  | mg/L | 1       |   | 6020B     | Total/NA  |
| Total Suspended Solids | 39.5     |           | 1.88     | 1.31     | mg/L | 1       |   | I-3765-85 | Total/NA  |

### Client Sample ID: MW-39

### Lab Sample ID: 310-320142-5

| Analyte                | Result  | Qualifier | RL       | MDL      | Unit | Dil Fac | D | Method    | Prep Type |
|------------------------|---------|-----------|----------|----------|------|---------|---|-----------|-----------|
| Barium                 | 0.326   |           | 0.00200  | 0.000660 | mg/L | 1       |   | 6020B     | Total/NA  |
| Chromium               | 0.00194 | J         | 0.00500  | 0.00180  | mg/L | 1       |   | 6020B     | Total/NA  |
| Cobalt                 | 0.00397 |           | 0.000500 | 0.000170 | mg/L | 1       |   | 6020B     | Total/NA  |
| Total Suspended Solids | 20.4    |           | 1.88     | 1.31     | mg/L | 1       |   | I-3765-85 | Total/NA  |

### Client Sample ID: MW-40

### Lab Sample ID: 310-320142-6

| Analyte  | Result   | Qualifier | RL       | MDL      | Unit | Dil Fac | D | Method | Prep Type |
|----------|----------|-----------|----------|----------|------|---------|---|--------|-----------|
| Barium   | 0.0157   |           | 0.00200  | 0.000660 | mg/L | 1       |   | 6020B  | Total/NA  |
| Chromium | 0.00622  |           | 0.00500  | 0.00180  | mg/L | 1       |   | 6020B  | Total/NA  |
| Cobalt   | 0.000279 | J         | 0.000500 | 0.000170 | mg/L | 1       |   | 6020B  | Total/NA  |

This Detection Summary does not include radiochemical test results.

Eurofins Cedar Falls

## Detection Summary

Client: SCS Engineers

Job ID: 310-320142-1

Project/Site: Clinton County South 2nd 2025 GW Sampling

Event

### Client Sample ID: MW-40 (Continued)

Lab Sample ID: 310-320142-6

| Analyte                | Result  | Qualifier | RL      | MDL     | Unit | Dil Fac | D | Method    | Prep Type |
|------------------------|---------|-----------|---------|---------|------|---------|---|-----------|-----------|
| Nickel                 | 0.00576 |           | 0.00500 | 0.00230 | mg/L | 1       |   | 6020B     | Total/NA  |
| Total Suspended Solids | 12.5    |           | 1.88    | 1.31    | mg/L | 1       |   | I-3765-85 | Total/NA  |

### Client Sample ID: MW-41

Lab Sample ID: 310-320142-7

| Analyte                | Result   | Qualifier | RL       | MDL      | Unit | Dil Fac | D | Method    | Prep Type |
|------------------------|----------|-----------|----------|----------|------|---------|---|-----------|-----------|
| Arsenic                | 0.00269  |           | 0.00200  | 0.000530 | mg/L | 1       |   | 6020B     | Total/NA  |
| Barium                 | 0.154    |           | 0.00200  | 0.000660 | mg/L | 1       |   | 6020B     | Total/NA  |
| Chromium               | 0.00317  | J         | 0.00500  | 0.00180  | mg/L | 1       |   | 6020B     | Total/NA  |
| Cobalt                 | 0.000460 | J         | 0.000500 | 0.000170 | mg/L | 1       |   | 6020B     | Total/NA  |
| Total Suspended Solids | 5.75     |           | 1.88     | 1.31     | mg/L | 1       |   | I-3765-85 | Total/NA  |

### Client Sample ID: MW-42

Lab Sample ID: 310-320142-8

| Analyte                | Result   | Qualifier | RL       | MDL      | Unit | Dil Fac | D | Method    | Prep Type |
|------------------------|----------|-----------|----------|----------|------|---------|---|-----------|-----------|
| Barium                 | 0.175    |           | 0.00200  | 0.000660 | mg/L | 1       |   | 6020B     | Total/NA  |
| Chromium               | 0.00331  | J         | 0.00500  | 0.00180  | mg/L | 1       |   | 6020B     | Total/NA  |
| Cobalt                 | 0.000216 | J         | 0.000500 | 0.000170 | mg/L | 1       |   | 6020B     | Total/NA  |
| Selenium               | 0.00159  | J         | 0.00500  | 0.00140  | mg/L | 1       |   | 6020B     | Total/NA  |
| Total Suspended Solids | 25.6     |           | 1.88     | 1.31     | mg/L | 1       |   | I-3765-85 | Total/NA  |

### Client Sample ID: MW-90-11

Lab Sample ID: 310-320142-9

| Analyte                | Result  | Qualifier | RL       | MDL      | Unit | Dil Fac | D | Method    | Prep Type |
|------------------------|---------|-----------|----------|----------|------|---------|---|-----------|-----------|
| 1,1-Dichloroethane     | 0.872   | J         | 1.00     | 0.400    | ug/L | 1       |   | 8260D     | Total/NA  |
| Chlorobenzene          | 6.73    |           | 1.00     | 0.350    | ug/L | 1       |   | 8260D     | Total/NA  |
| Chloroethane           | 1.35    | J         | 4.00     | 0.900    | ug/L | 1       |   | 8260D     | Total/NA  |
| cis-1,2-Dichloroethene | 0.717   | J         | 1.00     | 0.550    | ug/L | 1       |   | 8260D     | Total/NA  |
| Arsenic                | 0.0192  |           | 0.00200  | 0.000530 | mg/L | 1       |   | 6020B     | Total/NA  |
| Barium                 | 0.460   |           | 0.00200  | 0.000660 | mg/L | 1       |   | 6020B     | Total/NA  |
| Chromium               | 0.00242 | J         | 0.00500  | 0.00180  | mg/L | 1       |   | 6020B     | Total/NA  |
| Cobalt                 | 0.00394 |           | 0.000500 | 0.000170 | mg/L | 1       |   | 6020B     | Total/NA  |
| Nickel                 | 0.00438 | J         | 0.00500  | 0.00230  | mg/L | 1       |   | 6020B     | Total/NA  |
| Total Suspended Solids | 62.0    |           | 15.0     | 10.5     | mg/L | 1       |   | I-3765-85 | Total/NA  |

### Client Sample ID: MW-20

Lab Sample ID: 310-320142-10

| Analyte                | Result | Qualifier | RL       | MDL      | Unit | Dil Fac | D | Method    | Prep Type |
|------------------------|--------|-----------|----------|----------|------|---------|---|-----------|-----------|
| 1,1-Dichloroethane     | 8.89   |           | 1.00     | 0.400    | ug/L | 1       |   | 8260D     | Total/NA  |
| Acetone                | 5.64   | J         | 10.0     | 3.80     | ug/L | 1       |   | 8260D     | Total/NA  |
| Benzene                | 0.733  |           | 0.500    | 0.220    | ug/L | 1       |   | 8260D     | Total/NA  |
| Chlorobenzene          | 0.589  | J         | 1.00     | 0.350    | ug/L | 1       |   | 8260D     | Total/NA  |
| Chloroethane           | 4.47   |           | 4.00     | 0.900    | ug/L | 1       |   | 8260D     | Total/NA  |
| cis-1,2-Dichloroethene | 3.13   |           | 1.00     | 0.550    | ug/L | 1       |   | 8260D     | Total/NA  |
| Vinyl chloride         | 0.727  | J         | 1.00     | 0.430    | ug/L | 1       |   | 8260D     | Total/NA  |
| Arsenic                | 0.0275 |           | 0.00200  | 0.000530 | mg/L | 1       |   | 6020B     | Total/NA  |
| Barium                 | 2.57   |           | 0.00800  | 0.00264  | mg/L | 4       |   | 6020B     | Total/NA  |
| Chromium               | 0.0126 |           | 0.00500  | 0.00180  | mg/L | 1       |   | 6020B     | Total/NA  |
| Cobalt                 | 0.0290 |           | 0.000500 | 0.000170 | mg/L | 1       |   | 6020B     | Total/NA  |
| Nickel                 | 0.0409 |           | 0.00500  | 0.00230  | mg/L | 1       |   | 6020B     | Total/NA  |
| Total Suspended Solids | 57.0   |           | 15.0     | 10.5     | mg/L | 1       |   | I-3765-85 | Total/NA  |

This Detection Summary does not include radiochemical test results.

Eurofins Cedar Falls

## Detection Summary

Client: SCS Engineers

Job ID: 310-320142-1

Project/Site: Clinton County South 2nd 2025 GW Sampling

Event

### Client Sample ID: MW-24

### Lab Sample ID: 310-320142-11

| Analyte                | Result  | Qualifier | RL       | MDL      | Unit | Dil Fac | D | Method    | Prep Type |
|------------------------|---------|-----------|----------|----------|------|---------|---|-----------|-----------|
| 1,1-Dichloroethane     | 0.863   | J         | 1.00     | 0.400    | ug/L | 1       |   | 8260D     | Total/NA  |
| 1,2-Dichloropropane    | 0.479   | J         | 1.00     | 0.380    | ug/L | 1       |   | 8260D     | Total/NA  |
| Acetone                | 5.70    | J         | 10.0     | 3.80     | ug/L | 1       |   | 8260D     | Total/NA  |
| Benzene                | 1.39    |           | 0.500    | 0.220    | ug/L | 1       |   | 8260D     | Total/NA  |
| Chloroethane           | 2.89    | J         | 4.00     | 0.900    | ug/L | 1       |   | 8260D     | Total/NA  |
| Arsenic                | 0.00719 |           | 0.00200  | 0.000530 | mg/L | 1       |   | 6020B     | Total/NA  |
| Barium                 | 0.489   |           | 0.00200  | 0.000660 | mg/L | 1       |   | 6020B     | Total/NA  |
| Cobalt                 | 0.00462 |           | 0.000500 | 0.000170 | mg/L | 1       |   | 6020B     | Total/NA  |
| Nickel                 | 0.00544 |           | 0.00500  | 0.00230  | mg/L | 1       |   | 6020B     | Total/NA  |
| Total Suspended Solids | 72.0    |           | 15.0     | 10.5     | mg/L | 1       |   | I-3765-85 | Total/NA  |

### Client Sample ID: MW-32

### Lab Sample ID: 310-320142-12

| Analyte                | Result   | Qualifier | RL       | MDL      | Unit | Dil Fac | D | Method    | Prep Type |
|------------------------|----------|-----------|----------|----------|------|---------|---|-----------|-----------|
| 1,4-Dichlorobenzene    | 0.500    | J         | 1.00     | 0.490    | ug/L | 1       |   | 8260D     | Total/NA  |
| Benzene                | 2.00     |           | 0.500    | 0.220    | ug/L | 1       |   | 8260D     | Total/NA  |
| Chlorobenzene          | 1.03     |           | 1.00     | 0.350    | ug/L | 1       |   | 8260D     | Total/NA  |
| Ethylbenzene           | 0.858    | J         | 1.00     | 0.420    | ug/L | 1       |   | 8260D     | Total/NA  |
| Toluene                | 0.611    | J         | 1.00     | 0.430    | ug/L | 1       |   | 8260D     | Total/NA  |
| Xylenes, Total         | 2.08     | J         | 3.00     | 1.10     | ug/L | 1       |   | 8260D     | Total/NA  |
| Arsenic                | 0.0153   |           | 0.00200  | 0.000530 | mg/L | 1       |   | 6020B     | Total/NA  |
| Barium                 | 0.151    |           | 0.00200  | 0.000660 | mg/L | 1       |   | 6020B     | Total/NA  |
| Chromium               | 0.00868  |           | 0.00500  | 0.00180  | mg/L | 1       |   | 6020B     | Total/NA  |
| Cobalt                 | 0.0117   |           | 0.000500 | 0.000170 | mg/L | 1       |   | 6020B     | Total/NA  |
| Lead                   | 0.000667 |           | 0.000500 | 0.000330 | mg/L | 1       |   | 6020B     | Total/NA  |
| Nickel                 | 0.00733  |           | 0.00500  | 0.00230  | mg/L | 1       |   | 6020B     | Total/NA  |
| Vanadium               | 0.00187  | J         | 0.00500  | 0.00170  | mg/L | 1       |   | 6020B     | Total/NA  |
| Total Suspended Solids | 69.0     |           | 15.0     | 10.5     | mg/L | 1       |   | I-3765-85 | Total/NA  |

### Client Sample ID: MW-33

### Lab Sample ID: 310-320142-13

| Analyte                | Result  | Qualifier | RL       | MDL      | Unit | Dil Fac | D | Method    | Prep Type |
|------------------------|---------|-----------|----------|----------|------|---------|---|-----------|-----------|
| Arsenic                | 0.00376 |           | 0.00200  | 0.000530 | mg/L | 1       |   | 6020B     | Total/NA  |
| Barium                 | 0.190   |           | 0.00200  | 0.000660 | mg/L | 1       |   | 6020B     | Total/NA  |
| Cobalt                 | 0.00262 |           | 0.000500 | 0.000170 | mg/L | 1       |   | 6020B     | Total/NA  |
| Nickel                 | 0.00293 | J         | 0.00500  | 0.00230  | mg/L | 1       |   | 6020B     | Total/NA  |
| Total Suspended Solids | 19.0    |           | 5.00     | 3.50     | mg/L | 1       |   | I-3765-85 | Total/NA  |

### Client Sample ID: MW-90-18

### Lab Sample ID: 310-320142-14

No Detections.

### Client Sample ID: MW-D1

### Lab Sample ID: 310-320142-15

| Analyte                | Result   | Qualifier | RL       | MDL      | Unit | Dil Fac | D | Method    | Prep Type |
|------------------------|----------|-----------|----------|----------|------|---------|---|-----------|-----------|
| Arsenic                | 0.000647 | J         | 0.00200  | 0.000530 | mg/L | 1       |   | 6020B     | Total/NA  |
| Barium                 | 0.158    |           | 0.00200  | 0.000660 | mg/L | 1       |   | 6020B     | Total/NA  |
| Cadmium                | 0.000120 | J         | 0.000200 | 0.000100 | mg/L | 1       |   | 6020B     | Total/NA  |
| Cobalt                 | 0.000176 | J         | 0.000500 | 0.000170 | mg/L | 1       |   | 6020B     | Total/NA  |
| Nickel                 | 0.00462  | J         | 0.00500  | 0.00230  | mg/L | 1       |   | 6020B     | Total/NA  |
| Total Suspended Solids | 6.75     |           | 1.88     | 1.31     | mg/L | 1       |   | I-3765-85 | Total/NA  |

This Detection Summary does not include radiochemical test results.

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## Detection Summary

Client: SCS Engineers

Job ID: 310-320142-1

Project/Site: Clinton County South 2nd 2025 GW Sampling

Event

### Client Sample ID: MW-D2

### Lab Sample ID: 310-320142-16

| Analyte                | Result   | Qualifier | RL       | MDL      | Unit | Dil Fac | D | Method    | Prep Type |
|------------------------|----------|-----------|----------|----------|------|---------|---|-----------|-----------|
| Benzene                | 1.90     |           | 0.500    | 0.220    | ug/L | 1       |   | 8260D     | Total/NA  |
| Chlorobenzene          | 1.01     |           | 1.00     | 0.350    | ug/L | 1       |   | 8260D     | Total/NA  |
| Ethylbenzene           | 0.802    | J         | 1.00     | 0.420    | ug/L | 1       |   | 8260D     | Total/NA  |
| Toluene                | 0.590    | J         | 1.00     | 0.430    | ug/L | 1       |   | 8260D     | Total/NA  |
| Xylenes, Total         | 2.02     | J         | 3.00     | 1.10     | ug/L | 1       |   | 8260D     | Total/NA  |
| Arsenic                | 0.0148   |           | 0.00200  | 0.000530 | mg/L | 1       |   | 6020B     | Total/NA  |
| Barium                 | 0.140    |           | 0.00200  | 0.000660 | mg/L | 1       |   | 6020B     | Total/NA  |
| Chromium               | 0.00217  | J         | 0.00500  | 0.00180  | mg/L | 1       |   | 6020B     | Total/NA  |
| Cobalt                 | 0.0117   |           | 0.000500 | 0.000170 | mg/L | 1       |   | 6020B     | Total/NA  |
| Lead                   | 0.000719 |           | 0.000500 | 0.000330 | mg/L | 1       |   | 6020B     | Total/NA  |
| Nickel                 | 0.00574  |           | 0.00500  | 0.00230  | mg/L | 1       |   | 6020B     | Total/NA  |
| Vanadium               | 0.00178  | J         | 0.00500  | 0.00170  | mg/L | 1       |   | 6020B     | Total/NA  |
| Total Suspended Solids | 76.0     |           | 15.0     | 10.5     | mg/L | 1       |   | I-3765-85 | Total/NA  |

### Client Sample ID: Trip Blank 1

### Lab Sample ID: 310-320142-17

No Detections.

### Client Sample ID: Trip Blank 2

### Lab Sample ID: 310-320142-18

No Detections.

### Client Sample ID: Trip Blank 3

### Lab Sample ID: 310-320142-19

No Detections.

This Detection Summary does not include radiochemical test results.

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# Quantitation Limit Exceptions Summary

Client: SCS Engineers  
Project/Site: Clinton County South 2nd 2025 GW Sampling  
Event

Job ID: 310-320142-1

The requested project specific reporting limits listed below were less than laboratory standard quantitation limits (PQL) but greater than or equal to the laboratory method detection limits (MDL). It must be noted that results reported below lab standard quantitation limits may result in false positive/false negative values and less accurate quantitation. Routine laboratory procedures do not indicate corrective action for detections below the laboratory's PQL.

| Method | Analyte                     | Matrix | Prep Type | Unit | Client RL | Lab PQL |
|--------|-----------------------------|--------|-----------|------|-----------|---------|
| 8260D  | 1,2-Dibromo-3-Chloropropane | Water  | Total/NA  | ug/L | 1.20      | 5.0     |
| 8260D  | 1,2-Dibromoethane (EDB)     | Water  | Total/NA  | ug/L | 0.340     | 1.0     |

# Client Sample Results

Client: SCS Engineers  
Project/Site: Clinton County South 2nd 2025 GW Sampling  
Event

Job ID: 310-320142-1

Client Sample ID: MW-05-02

Lab Sample ID: 310-320142-1

Date Collected: 11/05/25 15:40

Matrix: Water

Date Received: 11/07/25 17:30

## 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   | <1.00  |           | 1.00  | 0.380 | ug/L |   |          | 11/11/25 16:50 | 1       |
| 1,1,1-Trichloroethane       | <1.00  |           | 1.00  | 0.420 | ug/L |   |          | 11/11/25 16:50 | 1       |
| 1,1,2,2-Tetrachloroethane   | <1.00  |           | 1.00  | 0.350 | ug/L |   |          | 11/11/25 16:50 | 1       |
| 1,1,2-Trichloroethane       | <1.00  |           | 1.00  | 0.330 | ug/L |   |          | 11/11/25 16:50 | 1       |
| 1,1-Dichloroethane          | <1.00  |           | 1.00  | 0.400 | ug/L |   |          | 11/11/25 16:50 | 1       |
| 1,1-Dichloroethene          | <2.00  |           | 2.00  | 0.460 | ug/L |   |          | 11/11/25 16:50 | 1       |
| 1,2,3-Trichloropropane      | <1.00  |           | 1.00  | 0.430 | ug/L |   |          | 11/11/25 16:50 | 1       |
| 1,2-Dibromo-3-Chloropropane | <1.20  |           | 1.20  | 1.20  | ug/L |   |          | 11/11/25 16:50 | 1       |
| 1,2-Dibromoethane (EDB)     | <0.340 |           | 0.340 | 0.340 | ug/L |   |          | 11/11/25 16:50 | 1       |
| 1,2-Dichlorobenzene         | <1.00  |           | 1.00  | 0.370 | ug/L |   |          | 11/11/25 16:50 | 1       |
| 1,2-Dichloroethane          | <1.00  |           | 1.00  | 0.890 | ug/L |   |          | 11/11/25 16:50 | 1       |
| 1,2-Dichloropropane         | <1.00  |           | 1.00  | 0.380 | ug/L |   |          | 11/11/25 16:50 | 1       |
| 1,4-Dichlorobenzene         | <1.00  |           | 1.00  | 0.490 | ug/L |   |          | 11/11/25 16:50 | 1       |
| 2-Butanone (MEK)            | <10.0  |           | 10.0  | 3.40  | ug/L |   |          | 11/11/25 16:50 | 1       |
| 2-Hexanone                  | <10.0  |           | 10.0  | 3.80  | ug/L |   |          | 11/11/25 16:50 | 1       |
| 4-Methyl-2-pentanone (MIBK) | <10.0  |           | 10.0  | 3.50  | ug/L |   |          | 11/11/25 16:50 | 1       |
| Acetone                     | <10.0  |           | 10.0  | 3.80  | ug/L |   |          | 11/11/25 16:50 | 1       |
| Acrylonitrile               | <10.0  |           | 10.0  | 2.20  | ug/L |   |          | 11/11/25 16:50 | 1       |
| Benzene                     | <0.500 |           | 0.500 | 0.220 | ug/L |   |          | 11/11/25 16:50 | 1       |
| Bromochloromethane          | <5.00  |           | 5.00  | 1.70  | ug/L |   |          | 11/11/25 16:50 | 1       |
| Bromodichloromethane        | <1.00  |           | 1.00  | 0.390 | ug/L |   |          | 11/11/25 16:50 | 1       |
| Bromoform                   | <5.00  |           | 5.00  | 2.60  | ug/L |   |          | 11/11/25 16:50 | 1       |
| Bromomethane                | <4.00  |           | 4.00  | 1.10  | ug/L |   |          | 11/11/25 16:50 | 1       |
| Carbon disulfide            | <1.00  |           | 1.00  | 0.450 | ug/L |   |          | 11/11/25 16:50 | 1       |
| Carbon tetrachloride        | <2.00  |           | 2.00  | 0.650 | ug/L |   |          | 11/11/25 16:50 | 1       |
| Chlorobenzene               | <1.00  |           | 1.00  | 0.350 | ug/L |   |          | 11/11/25 16:50 | 1       |
| Chlorodibromomethane        | <5.00  |           | 5.00  | 1.50  | ug/L |   |          | 11/11/25 16:50 | 1       |
| Chloroethane                | <4.00  |           | 4.00  | 0.900 | ug/L |   |          | 11/11/25 16:50 | 1       |
| Chloroform                  | <3.00  |           | 3.00  | 1.30  | ug/L |   |          | 11/11/25 16:50 | 1       |
| Chloromethane               | <3.00  |           | 3.00  | 0.610 | ug/L |   |          | 11/11/25 16:50 | 1       |
| cis-1,2-Dichloroethene      | <1.00  |           | 1.00  | 0.550 | ug/L |   |          | 11/11/25 16:50 | 1       |
| cis-1,3-Dichloropropene     | <5.00  |           | 5.00  | 1.20  | ug/L |   |          | 11/11/25 16:50 | 1       |
| Dibromomethane              | <1.00  |           | 1.00  | 0.330 | ug/L |   |          | 11/11/25 16:50 | 1       |
| Ethylbenzene                | <1.00  |           | 1.00  | 0.420 | ug/L |   |          | 11/11/25 16:50 | 1       |
| Iodomethane                 | <10.0  |           | 10.0  | 2.60  | ug/L |   |          | 11/11/25 16:50 | 1       |
| Methylene Chloride          | <5.00  |           | 5.00  | 1.70  | ug/L |   |          | 11/11/25 16:50 | 1       |
| Styrene                     | <1.00  |           | 1.00  | 0.370 | ug/L |   |          | 11/11/25 16:50 | 1       |
| Tetrachloroethene           | <1.00  |           | 1.00  | 0.480 | ug/L |   |          | 11/11/25 16:50 | 1       |
| Toluene                     | <1.00  |           | 1.00  | 0.430 | ug/L |   |          | 11/11/25 16:50 | 1       |
| trans-1,2-Dichloroethene    | <1.00  |           | 1.00  | 0.410 | ug/L |   |          | 11/11/25 16:50 | 1       |
| trans-1,3-Dichloropropene   | <5.00  |           | 5.00  | 2.30  | ug/L |   |          | 11/11/25 16:50 | 1       |
| trans-1,4-Dichloro-2-butene | <10.0  |           | 10.0  | 2.40  | ug/L |   |          | 11/11/25 16:50 | 1       |
| Trichloroethene             | <1.00  |           | 1.00  | 0.350 | ug/L |   |          | 11/11/25 16:50 | 1       |
| Trichlorofluoromethane      | <4.00  |           | 4.00  | 0.470 | ug/L |   |          | 11/11/25 16:50 | 1       |
| Vinyl acetate               | <10.0  |           | 10.0  | 7.10  | ug/L |   |          | 11/11/25 16:50 | 1       |
| Vinyl chloride              | <1.00  |           | 1.00  | 0.430 | ug/L |   |          | 11/11/25 16:50 | 1       |
| Xylenes, Total              | <3.00  |           | 3.00  | 1.10  | ug/L |   |          | 11/11/25 16:50 | 1       |

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# Client Sample Results

Client: SCS Engineers

Job ID: 310-320142-1

Project/Site: Clinton County South 2nd 2025 GW Sampling

Event

Client Sample ID: MW-05-02

Lab Sample ID: 310-320142-1

Date Collected: 11/05/25 15:40

Matrix: Water

Date Received: 11/07/25 17:30

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------|----------------|---------|
| Dibromofluoromethane (Surr) | 98        |           | 76 - 130 |          | 11/11/25 16:50 | 1       |
| Toluene-d8 (Surr)           | 95        |           | 80 - 120 |          | 11/11/25 16:50 | 1       |
| 4-Bromofluorobenzene (Surr) | 104       |           | 80 - 120 |          | 11/11/25 16:50 | 1       |

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

| Analyte   | Result    | Qualifier | RL       | MDL      | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------|-----------|-----------|----------|----------|------|---|----------------|----------------|---------|
| Antimony  | <0.00200  | ^1+       | 0.00200  | 0.00100  | mg/L |   | 11/12/25 09:00 | 11/12/25 18:40 | 1       |
| Arsenic   | <0.00200  |           | 0.00200  | 0.000530 | mg/L |   | 11/12/25 09:00 | 11/12/25 18:40 | 1       |
| Barium    | 0.137     |           | 0.00200  | 0.000660 | mg/L |   | 11/12/25 09:00 | 11/12/25 18:40 | 1       |
| Beryllium | <0.00100  |           | 0.00100  | 0.000330 | mg/L |   | 11/12/25 09:00 | 11/12/25 18:40 | 1       |
| Cadmium   | <0.000200 |           | 0.000200 | 0.000100 | mg/L |   | 11/12/25 09:00 | 11/12/25 18:40 | 1       |
| Chromium  | 0.00292   | J         | 0.00500  | 0.00180  | mg/L |   | 11/12/25 09:00 | 11/12/25 18:40 | 1       |
| Cobalt    | <0.000500 |           | 0.000500 | 0.000170 | mg/L |   | 11/12/25 09:00 | 11/12/25 18:40 | 1       |
| Copper    | <0.00500  |           | 0.00500  | 0.00320  | mg/L |   | 11/12/25 09:00 | 11/12/25 18:40 | 1       |
| Lead      | <0.000500 |           | 0.000500 | 0.000330 | mg/L |   | 11/12/25 09:00 | 11/12/25 18:40 | 1       |
| Nickel    | <0.00500  |           | 0.00500  | 0.00230  | mg/L |   | 11/12/25 09:00 | 11/12/25 18:40 | 1       |
| Selenium  | 0.00167   | J         | 0.00500  | 0.00140  | mg/L |   | 11/12/25 09:00 | 11/12/25 18:40 | 1       |
| Silver    | <0.00100  |           | 0.00100  | 0.000500 | mg/L |   | 11/12/25 09:00 | 11/12/25 18:40 | 1       |
| Thallium  | <0.00100  |           | 0.00100  | 0.000570 | mg/L |   | 11/12/25 09:00 | 11/12/25 18:40 | 1       |
| Vanadium  | <0.00500  |           | 0.00500  | 0.00170  | mg/L |   | 11/12/25 09:00 | 11/12/25 18:40 | 1       |
| Zinc      | <0.0200   |           | 0.0200   | 0.0130   | mg/L |   | 11/12/25 09:00 | 11/12/25 18:40 | 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 |   |          | 11/10/25 11:29 | 1       |

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# Client Sample Results

Client: SCS Engineers  
Project/Site: Clinton County South 2nd 2025 GW Sampling  
Event

Job ID: 310-320142-1

Client Sample ID: MW-19

Lab Sample ID: 310-320142-2

Date Collected: 11/04/25 14:45

Matrix: Water

Date Received: 11/07/25 17:30

## 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   | <1.00  |           | 1.00  | 0.380 | ug/L |   |          | 11/11/25 16:47 | 1       |
| 1,1,1-Trichloroethane       | <1.00  |           | 1.00  | 0.420 | ug/L |   |          | 11/11/25 16:47 | 1       |
| 1,1,2,2-Tetrachloroethane   | <1.00  |           | 1.00  | 0.350 | ug/L |   |          | 11/11/25 16:47 | 1       |
| 1,1,2-Trichloroethane       | <1.00  |           | 1.00  | 0.330 | ug/L |   |          | 11/11/25 16:47 | 1       |
| 1,1-Dichloroethane          | <1.00  |           | 1.00  | 0.400 | ug/L |   |          | 11/11/25 16:47 | 1       |
| 1,1-Dichloroethene          | <2.00  |           | 2.00  | 0.460 | ug/L |   |          | 11/11/25 16:47 | 1       |
| 1,2,3-Trichloropropane      | <1.00  |           | 1.00  | 0.430 | ug/L |   |          | 11/11/25 16:47 | 1       |
| 1,2-Dibromo-3-Chloropropane | <1.20  |           | 1.20  | 1.20  | ug/L |   |          | 11/11/25 16:47 | 1       |
| 1,2-Dibromoethane (EDB)     | <0.340 |           | 0.340 | 0.340 | ug/L |   |          | 11/11/25 16:47 | 1       |
| 1,2-Dichlorobenzene         | <1.00  |           | 1.00  | 0.370 | ug/L |   |          | 11/11/25 16:47 | 1       |
| 1,2-Dichloroethane          | <1.00  |           | 1.00  | 0.890 | ug/L |   |          | 11/11/25 16:47 | 1       |
| 1,2-Dichloropropane         | <1.00  |           | 1.00  | 0.380 | ug/L |   |          | 11/11/25 16:47 | 1       |
| 1,4-Dichlorobenzene         | <1.00  |           | 1.00  | 0.490 | ug/L |   |          | 11/11/25 16:47 | 1       |
| 2-Butanone (MEK)            | <10.0  |           | 10.0  | 3.40  | ug/L |   |          | 11/11/25 16:47 | 1       |
| 2-Hexanone                  | <10.0  |           | 10.0  | 3.80  | ug/L |   |          | 11/11/25 16:47 | 1       |
| 4-Methyl-2-pentanone (MIBK) | <10.0  |           | 10.0  | 3.50  | ug/L |   |          | 11/11/25 16:47 | 1       |
| Acetone                     | <10.0  |           | 10.0  | 3.80  | ug/L |   |          | 11/11/25 16:47 | 1       |
| Acrylonitrile               | <10.0  |           | 10.0  | 2.20  | ug/L |   |          | 11/11/25 16:47 | 1       |
| Benzene                     | <0.500 |           | 0.500 | 0.220 | ug/L |   |          | 11/11/25 16:47 | 1       |
| Bromochloromethane          | <5.00  |           | 5.00  | 1.70  | ug/L |   |          | 11/11/25 16:47 | 1       |
| Bromodichloromethane        | <1.00  |           | 1.00  | 0.390 | ug/L |   |          | 11/11/25 16:47 | 1       |
| Bromoform                   | <5.00  |           | 5.00  | 2.60  | ug/L |   |          | 11/11/25 16:47 | 1       |
| Bromomethane                | <4.00  |           | 4.00  | 1.10  | ug/L |   |          | 11/11/25 16:47 | 1       |
| Carbon disulfide            | <1.00  |           | 1.00  | 0.450 | ug/L |   |          | 11/11/25 16:47 | 1       |
| Carbon tetrachloride        | <2.00  |           | 2.00  | 0.650 | ug/L |   |          | 11/11/25 16:47 | 1       |
| Chlorobenzene               | <1.00  |           | 1.00  | 0.350 | ug/L |   |          | 11/11/25 16:47 | 1       |
| Chlorodibromomethane        | <5.00  |           | 5.00  | 1.50  | ug/L |   |          | 11/11/25 16:47 | 1       |
| Chloroethane                | <4.00  |           | 4.00  | 0.900 | ug/L |   |          | 11/11/25 16:47 | 1       |
| Chloroform                  | <3.00  |           | 3.00  | 1.30  | ug/L |   |          | 11/11/25 16:47 | 1       |
| Chloromethane               | <3.00  |           | 3.00  | 0.610 | ug/L |   |          | 11/11/25 16:47 | 1       |
| cis-1,2-Dichloroethene      | <1.00  |           | 1.00  | 0.550 | ug/L |   |          | 11/11/25 16:47 | 1       |
| cis-1,3-Dichloropropene     | <5.00  |           | 5.00  | 1.20  | ug/L |   |          | 11/11/25 16:47 | 1       |
| Dibromomethane              | <1.00  |           | 1.00  | 0.330 | ug/L |   |          | 11/11/25 16:47 | 1       |
| Ethylbenzene                | <1.00  |           | 1.00  | 0.420 | ug/L |   |          | 11/11/25 16:47 | 1       |
| Iodomethane                 | <10.0  |           | 10.0  | 2.60  | ug/L |   |          | 11/11/25 16:47 | 1       |
| Methylene Chloride          | <5.00  |           | 5.00  | 1.70  | ug/L |   |          | 11/11/25 16:47 | 1       |
| Styrene                     | <1.00  |           | 1.00  | 0.370 | ug/L |   |          | 11/11/25 16:47 | 1       |
| Tetrachloroethene           | <1.00  |           | 1.00  | 0.480 | ug/L |   |          | 11/11/25 16:47 | 1       |
| Toluene                     | <1.00  |           | 1.00  | 0.430 | ug/L |   |          | 11/11/25 16:47 | 1       |
| trans-1,2-Dichloroethene    | <1.00  |           | 1.00  | 0.410 | ug/L |   |          | 11/11/25 16:47 | 1       |
| trans-1,3-Dichloropropene   | <5.00  |           | 5.00  | 2.30  | ug/L |   |          | 11/11/25 16:47 | 1       |
| trans-1,4-Dichloro-2-butene | <10.0  |           | 10.0  | 2.40  | ug/L |   |          | 11/11/25 16:47 | 1       |
| Trichloroethene             | <1.00  |           | 1.00  | 0.350 | ug/L |   |          | 11/11/25 16:47 | 1       |
| Trichlorofluoromethane      | <4.00  |           | 4.00  | 0.470 | ug/L |   |          | 11/11/25 16:47 | 1       |
| Vinyl acetate               | <10.0  |           | 10.0  | 7.10  | ug/L |   |          | 11/11/25 16:47 | 1       |
| Vinyl chloride              | <1.00  |           | 1.00  | 0.430 | ug/L |   |          | 11/11/25 16:47 | 1       |
| Xylenes, Total              | <3.00  |           | 3.00  | 1.10  | ug/L |   |          | 11/11/25 16:47 | 1       |

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# Client Sample Results

Client: SCS Engineers  
Project/Site: Clinton County South 2nd 2025 GW Sampling  
Event

Job ID: 310-320142-1

Client Sample ID: MW-19

Lab Sample ID: 310-320142-2

Date Collected: 11/04/25 14:45

Matrix: Water

Date Received: 11/07/25 17:30

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------|----------------|---------|
| Dibromofluoromethane (Surr) | 105       |           | 76 - 130 |          | 11/11/25 16:47 | 1       |
| Dibromofluoromethane (Surr) | 96        |           | 76 - 130 |          | 11/11/25 17:12 | 1       |
| Toluene-d8 (Surr)           | 98        |           | 80 - 120 |          | 11/11/25 16:47 | 1       |
| Toluene-d8 (Surr)           | 95        |           | 80 - 120 |          | 11/11/25 17:12 | 1       |
| 4-Bromofluorobenzene (Surr) | 108       |           | 80 - 120 |          | 11/11/25 16:47 | 1       |
| 4-Bromofluorobenzene (Surr) | 103       |           | 80 - 120 |          | 11/11/25 17:12 | 1       |

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

| Analyte   | Result    | Qualifier | RL       | MDL      | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------|-----------|-----------|----------|----------|------|---|----------------|----------------|---------|
| Antimony  | <0.00200  | ^1+       | 0.00200  | 0.00100  | mg/L |   | 11/12/25 09:00 | 11/12/25 18:43 | 1       |
| Arsenic   | 0.000726  | J         | 0.00200  | 0.000530 | mg/L |   | 11/12/25 09:00 | 11/12/25 18:43 | 1       |
| Barium    | 0.158     |           | 0.00200  | 0.000660 | mg/L |   | 11/12/25 09:00 | 11/12/25 18:43 | 1       |
| Beryllium | <0.00100  |           | 0.00100  | 0.000330 | mg/L |   | 11/12/25 09:00 | 11/12/25 18:43 | 1       |
| Cadmium   | 0.000196  | J         | 0.000200 | 0.000100 | mg/L |   | 11/12/25 09:00 | 11/12/25 18:43 | 1       |
| Chromium  | <0.00500  |           | 0.00500  | 0.00180  | mg/L |   | 11/12/25 09:00 | 11/12/25 18:43 | 1       |
| Cobalt    | 0.000190  | J         | 0.000500 | 0.000170 | mg/L |   | 11/12/25 09:00 | 11/12/25 18:43 | 1       |
| Copper    | <0.00500  |           | 0.00500  | 0.00320  | mg/L |   | 11/12/25 09:00 | 11/12/25 18:43 | 1       |
| Lead      | <0.000500 |           | 0.000500 | 0.000330 | mg/L |   | 11/12/25 09:00 | 11/12/25 18:43 | 1       |
| Nickel    | 0.00550   |           | 0.00500  | 0.00230  | mg/L |   | 11/12/25 09:00 | 11/12/25 18:43 | 1       |
| Selenium  | <0.00500  |           | 0.00500  | 0.00140  | mg/L |   | 11/12/25 09:00 | 11/12/25 18:43 | 1       |
| Silver    | <0.00100  |           | 0.00100  | 0.000500 | mg/L |   | 11/12/25 09:00 | 11/12/25 18:43 | 1       |
| Thallium  | <0.00100  |           | 0.00100  | 0.000570 | mg/L |   | 11/12/25 09:00 | 11/12/25 18:43 | 1       |
| Vanadium  | 0.00183   | J         | 0.00500  | 0.00170  | mg/L |   | 11/12/25 09:00 | 11/12/25 18:43 | 1       |
| Zinc      | <0.0200   |           | 0.0200   | 0.0130   | mg/L |   | 11/12/25 09:00 | 11/12/25 18:43 | 1       |

## General Chemistry

| Analyte                                 | Result | Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------------------|--------|-----------|------|------|------|---|----------|----------------|---------|
| Total Suspended Solids (USGS I-3765-85) | 4.38   |           | 1.88 | 1.31 | mg/L |   |          | 11/10/25 11:29 | 1       |

# Client Sample Results

Client: SCS Engineers  
Project/Site: Clinton County South 2nd 2025 GW Sampling  
Event

Job ID: 310-320142-1

Client Sample ID: MW-28

Lab Sample ID: 310-320142-3

Date Collected: 11/06/25 08:22

Matrix: Water

Date Received: 11/07/25 17:30

## 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   | <1.00  |           | 1.00  | 0.380 | ug/L |   |          | 11/11/25 17:34 | 1       |
| 1,1,1-Trichloroethane       | <1.00  |           | 1.00  | 0.420 | ug/L |   |          | 11/11/25 17:34 | 1       |
| 1,1,2,2-Tetrachloroethane   | <1.00  |           | 1.00  | 0.350 | ug/L |   |          | 11/11/25 17:34 | 1       |
| 1,1,2-Trichloroethane       | <1.00  |           | 1.00  | 0.330 | ug/L |   |          | 11/11/25 17:34 | 1       |
| 1,1-Dichloroethane          | 1.84   |           | 1.00  | 0.400 | ug/L |   |          | 11/11/25 17:34 | 1       |
| 1,1-Dichloroethene          | <2.00  |           | 2.00  | 0.460 | ug/L |   |          | 11/11/25 17:34 | 1       |
| 1,2,3-Trichloropropane      | <1.00  |           | 1.00  | 0.430 | ug/L |   |          | 11/11/25 17:34 | 1       |
| 1,2-Dibromo-3-Chloropropane | <1.20  |           | 1.20  | 1.20  | ug/L |   |          | 11/11/25 17:34 | 1       |
| 1,2-Dibromoethane (EDB)     | <0.340 |           | 0.340 | 0.340 | ug/L |   |          | 11/11/25 17:34 | 1       |
| 1,2-Dichlorobenzene         | <1.00  |           | 1.00  | 0.370 | ug/L |   |          | 11/11/25 17:34 | 1       |
| 1,2-Dichloroethane          | <1.00  |           | 1.00  | 0.890 | ug/L |   |          | 11/11/25 17:34 | 1       |
| 1,2-Dichloropropane         | <1.00  |           | 1.00  | 0.380 | ug/L |   |          | 11/11/25 17:34 | 1       |
| 1,4-Dichlorobenzene         | <1.00  |           | 1.00  | 0.490 | ug/L |   |          | 11/11/25 17:34 | 1       |
| 2-Butanone (MEK)            | <10.0  |           | 10.0  | 3.40  | ug/L |   |          | 11/11/25 17:34 | 1       |
| 2-Hexanone                  | <10.0  |           | 10.0  | 3.80  | ug/L |   |          | 11/11/25 17:34 | 1       |
| 4-Methyl-2-pentanone (MIBK) | <10.0  |           | 10.0  | 3.50  | ug/L |   |          | 11/11/25 17:34 | 1       |
| Acetone                     | <10.0  |           | 10.0  | 3.80  | ug/L |   |          | 11/11/25 17:34 | 1       |
| Acrylonitrile               | <10.0  |           | 10.0  | 2.20  | ug/L |   |          | 11/11/25 17:34 | 1       |
| Benzene                     | <0.500 |           | 0.500 | 0.220 | ug/L |   |          | 11/11/25 17:34 | 1       |
| Bromochloromethane          | <5.00  |           | 5.00  | 1.70  | ug/L |   |          | 11/11/25 17:34 | 1       |
| Bromodichloromethane        | <1.00  |           | 1.00  | 0.390 | ug/L |   |          | 11/11/25 17:34 | 1       |
| Bromoform                   | <5.00  |           | 5.00  | 2.60  | ug/L |   |          | 11/11/25 17:34 | 1       |
| Bromomethane                | <4.00  |           | 4.00  | 1.10  | ug/L |   |          | 11/11/25 17:34 | 1       |
| Carbon disulfide            | <1.00  |           | 1.00  | 0.450 | ug/L |   |          | 11/11/25 17:34 | 1       |
| Carbon tetrachloride        | <2.00  |           | 2.00  | 0.650 | ug/L |   |          | 11/11/25 17:34 | 1       |
| Chlorobenzene               | <1.00  |           | 1.00  | 0.350 | ug/L |   |          | 11/11/25 17:34 | 1       |
| Chlorodibromomethane        | <5.00  |           | 5.00  | 1.50  | ug/L |   |          | 11/11/25 17:34 | 1       |
| Chloroethane                | <4.00  |           | 4.00  | 0.900 | ug/L |   |          | 11/11/25 17:34 | 1       |
| Chloroform                  | <3.00  |           | 3.00  | 1.30  | ug/L |   |          | 11/11/25 17:34 | 1       |
| Chloromethane               | <3.00  |           | 3.00  | 0.610 | ug/L |   |          | 11/11/25 17:34 | 1       |
| cis-1,2-Dichloroethene      | <1.00  |           | 1.00  | 0.550 | ug/L |   |          | 11/11/25 17:34 | 1       |
| cis-1,3-Dichloropropene     | <5.00  |           | 5.00  | 1.20  | ug/L |   |          | 11/11/25 17:34 | 1       |
| Dibromomethane              | <1.00  |           | 1.00  | 0.330 | ug/L |   |          | 11/11/25 17:34 | 1       |
| Ethylbenzene                | <1.00  |           | 1.00  | 0.420 | ug/L |   |          | 11/11/25 17:34 | 1       |
| Iodomethane                 | <10.0  |           | 10.0  | 2.60  | ug/L |   |          | 11/11/25 17:34 | 1       |
| Methylene Chloride          | <5.00  |           | 5.00  | 1.70  | ug/L |   |          | 11/11/25 17:34 | 1       |
| Styrene                     | <1.00  |           | 1.00  | 0.370 | ug/L |   |          | 11/11/25 17:34 | 1       |
| Tetrachloroethene           | <1.00  |           | 1.00  | 0.480 | ug/L |   |          | 11/11/25 17:34 | 1       |
| Toluene                     | <1.00  |           | 1.00  | 0.430 | ug/L |   |          | 11/11/25 17:34 | 1       |
| trans-1,2-Dichloroethene    | <1.00  |           | 1.00  | 0.410 | ug/L |   |          | 11/11/25 17:34 | 1       |
| trans-1,3-Dichloropropene   | <5.00  |           | 5.00  | 2.30  | ug/L |   |          | 11/11/25 17:34 | 1       |
| trans-1,4-Dichloro-2-butene | <10.0  |           | 10.0  | 2.40  | ug/L |   |          | 11/11/25 17:34 | 1       |
| Trichloroethene             | <1.00  |           | 1.00  | 0.350 | ug/L |   |          | 11/11/25 17:34 | 1       |
| Trichlorofluoromethane      | <4.00  |           | 4.00  | 0.470 | ug/L |   |          | 11/11/25 17:34 | 1       |
| Vinyl acetate               | <10.0  |           | 10.0  | 7.10  | ug/L |   |          | 11/11/25 17:34 | 1       |
| Vinyl chloride              | <1.00  |           | 1.00  | 0.430 | ug/L |   |          | 11/11/25 17:34 | 1       |
| Xylenes, Total              | <3.00  |           | 3.00  | 1.10  | ug/L |   |          | 11/11/25 17:34 | 1       |

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# Client Sample Results

Client: SCS Engineers  
Project/Site: Clinton County South 2nd 2025 GW Sampling  
Event

Job ID: 310-320142-1

Client Sample ID: MW-28

Lab Sample ID: 310-320142-3

Date Collected: 11/06/25 08:22

Matrix: Water

Date Received: 11/07/25 17:30

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------|----------------|---------|
| Dibromofluoromethane (Surr) | 97        |           | 76 - 130 |          | 11/11/25 17:34 | 1       |
| Toluene-d8 (Surr)           | 95        |           | 80 - 120 |          | 11/11/25 17:34 | 1       |
| 4-Bromofluorobenzene (Surr) | 102       |           | 80 - 120 |          | 11/11/25 17:34 | 1       |

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

| Analyte   | Result    | Qualifier | RL       | MDL      | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------|-----------|-----------|----------|----------|------|---|----------------|----------------|---------|
| Antimony  | <0.00200  |           | 0.00200  | 0.00100  | mg/L |   | 11/12/25 09:00 | 11/13/25 15:09 | 1       |
| Arsenic   | 0.000836  | J         | 0.00200  | 0.000530 | mg/L |   | 11/12/25 09:00 | 11/12/25 18:52 | 1       |
| Barium    | 0.119     |           | 0.00200  | 0.000660 | mg/L |   | 11/12/25 09:00 | 11/12/25 18:52 | 1       |
| Beryllium | <0.00100  |           | 0.00100  | 0.000330 | mg/L |   | 11/12/25 09:00 | 11/12/25 18:52 | 1       |
| Cadmium   | <0.000200 |           | 0.000200 | 0.000100 | mg/L |   | 11/12/25 09:00 | 11/12/25 18:52 | 1       |
| Chromium  | 0.0130    |           | 0.00500  | 0.00180  | mg/L |   | 11/12/25 09:00 | 11/12/25 18:52 | 1       |
| Cobalt    | 0.000501  |           | 0.000500 | 0.000170 | mg/L |   | 11/12/25 09:00 | 11/12/25 18:52 | 1       |
| Copper    | <0.00500  |           | 0.00500  | 0.00320  | mg/L |   | 11/12/25 09:00 | 11/12/25 18:52 | 1       |
| Lead      | <0.000500 |           | 0.000500 | 0.000330 | mg/L |   | 11/12/25 09:00 | 11/12/25 18:52 | 1       |
| Nickel    | 0.0106    |           | 0.00500  | 0.00230  | mg/L |   | 11/12/25 09:00 | 11/12/25 18:52 | 1       |
| Selenium  | <0.00500  |           | 0.00500  | 0.00140  | mg/L |   | 11/12/25 09:00 | 11/12/25 18:52 | 1       |
| Silver    | <0.00100  |           | 0.00100  | 0.000500 | mg/L |   | 11/12/25 09:00 | 11/12/25 18:52 | 1       |
| Thallium  | <0.00100  |           | 0.00100  | 0.000570 | mg/L |   | 11/12/25 09:00 | 11/12/25 18:52 | 1       |
| Vanadium  | <0.00500  |           | 0.00500  | 0.00170  | mg/L |   | 11/12/25 09:00 | 11/12/25 18:52 | 1       |
| Zinc      | <0.0200   |           | 0.0200   | 0.0130   | mg/L |   | 11/12/25 09:00 | 11/12/25 18:52 | 1       |

## General Chemistry

| Analyte                                 | Result | Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------------------|--------|-----------|------|------|------|---|----------|----------------|---------|
| Total Suspended Solids (USGS I-3765-85) | 35.3   |           | 1.88 | 1.31 | mg/L |   |          | 11/11/25 09:56 | 1       |



# Client Sample Results

Client: SCS Engineers  
Project/Site: Clinton County South 2nd 2025 GW Sampling  
Event

Job ID: 310-320142-1

Client Sample ID: MW-29

Lab Sample ID: 310-320142-4

Date Collected: 11/06/25 14:08

Matrix: Water

Date Received: 11/07/25 17:30

## 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   | <1.00  |           | 1.00  | 0.380 | ug/L |   |          | 11/11/25 17:56 | 1       |
| 1,1,1-Trichloroethane       | <1.00  |           | 1.00  | 0.420 | ug/L |   |          | 11/11/25 17:56 | 1       |
| 1,1,2,2-Tetrachloroethane   | <1.00  |           | 1.00  | 0.350 | ug/L |   |          | 11/11/25 17:56 | 1       |
| 1,1,2-Trichloroethane       | <1.00  |           | 1.00  | 0.330 | ug/L |   |          | 11/11/25 17:56 | 1       |
| 1,1-Dichloroethane          | <1.00  |           | 1.00  | 0.400 | ug/L |   |          | 11/11/25 17:56 | 1       |
| 1,1-Dichloroethene          | <2.00  |           | 2.00  | 0.460 | ug/L |   |          | 11/11/25 17:56 | 1       |
| 1,2,3-Trichloropropane      | <1.00  |           | 1.00  | 0.430 | ug/L |   |          | 11/11/25 17:56 | 1       |
| 1,2-Dibromo-3-Chloropropane | <1.20  |           | 1.20  | 1.20  | ug/L |   |          | 11/11/25 17:56 | 1       |
| 1,2-Dibromoethane (EDB)     | <0.340 |           | 0.340 | 0.340 | ug/L |   |          | 11/11/25 17:56 | 1       |
| 1,2-Dichlorobenzene         | <1.00  |           | 1.00  | 0.370 | ug/L |   |          | 11/11/25 17:56 | 1       |
| 1,2-Dichloroethane          | <1.00  |           | 1.00  | 0.890 | ug/L |   |          | 11/11/25 17:56 | 1       |
| 1,2-Dichloropropane         | <1.00  |           | 1.00  | 0.380 | ug/L |   |          | 11/11/25 17:56 | 1       |
| 1,4-Dichlorobenzene         | <1.00  |           | 1.00  | 0.490 | ug/L |   |          | 11/11/25 17:56 | 1       |
| 2-Butanone (MEK)            | <10.0  |           | 10.0  | 3.40  | ug/L |   |          | 11/11/25 17:56 | 1       |
| 2-Hexanone                  | <10.0  |           | 10.0  | 3.80  | ug/L |   |          | 11/11/25 17:56 | 1       |
| 4-Methyl-2-pentanone (MIBK) | <10.0  |           | 10.0  | 3.50  | ug/L |   |          | 11/11/25 17:56 | 1       |
| Acetone                     | <10.0  |           | 10.0  | 3.80  | ug/L |   |          | 11/11/25 17:56 | 1       |
| Acrylonitrile               | <10.0  |           | 10.0  | 2.20  | ug/L |   |          | 11/11/25 17:56 | 1       |
| Benzene                     | <0.500 |           | 0.500 | 0.220 | ug/L |   |          | 11/11/25 17:56 | 1       |
| Bromochloromethane          | <5.00  |           | 5.00  | 1.70  | ug/L |   |          | 11/11/25 17:56 | 1       |
| Bromodichloromethane        | <1.00  |           | 1.00  | 0.390 | ug/L |   |          | 11/11/25 17:56 | 1       |
| Bromoform                   | <5.00  |           | 5.00  | 2.60  | ug/L |   |          | 11/11/25 17:56 | 1       |
| Bromomethane                | <4.00  |           | 4.00  | 1.10  | ug/L |   |          | 11/11/25 17:56 | 1       |
| Carbon disulfide            | <1.00  |           | 1.00  | 0.450 | ug/L |   |          | 11/11/25 17:56 | 1       |
| Carbon tetrachloride        | <2.00  |           | 2.00  | 0.650 | ug/L |   |          | 11/11/25 17:56 | 1       |
| Chlorobenzene               | <1.00  |           | 1.00  | 0.350 | ug/L |   |          | 11/11/25 17:56 | 1       |
| Chlorodibromomethane        | <5.00  |           | 5.00  | 1.50  | ug/L |   |          | 11/11/25 17:56 | 1       |
| Chloroethane                | <4.00  |           | 4.00  | 0.900 | ug/L |   |          | 11/11/25 17:56 | 1       |
| Chloroform                  | <3.00  |           | 3.00  | 1.30  | ug/L |   |          | 11/11/25 17:56 | 1       |
| Chloromethane               | <3.00  |           | 3.00  | 0.610 | ug/L |   |          | 11/11/25 17:56 | 1       |
| cis-1,2-Dichloroethene      | <1.00  |           | 1.00  | 0.550 | ug/L |   |          | 11/11/25 17:56 | 1       |
| cis-1,3-Dichloropropene     | <5.00  |           | 5.00  | 1.20  | ug/L |   |          | 11/11/25 17:56 | 1       |
| Dibromomethane              | <1.00  |           | 1.00  | 0.330 | ug/L |   |          | 11/11/25 17:56 | 1       |
| Ethylbenzene                | <1.00  |           | 1.00  | 0.420 | ug/L |   |          | 11/11/25 17:56 | 1       |
| Iodomethane                 | <10.0  |           | 10.0  | 2.60  | ug/L |   |          | 11/11/25 17:56 | 1       |
| Methylene Chloride          | <5.00  |           | 5.00  | 1.70  | ug/L |   |          | 11/11/25 17:56 | 1       |
| Styrene                     | <1.00  |           | 1.00  | 0.370 | ug/L |   |          | 11/11/25 17:56 | 1       |
| Tetrachloroethene           | <1.00  |           | 1.00  | 0.480 | ug/L |   |          | 11/11/25 17:56 | 1       |
| Toluene                     | <1.00  |           | 1.00  | 0.430 | ug/L |   |          | 11/11/25 17:56 | 1       |
| trans-1,2-Dichloroethene    | <1.00  |           | 1.00  | 0.410 | ug/L |   |          | 11/11/25 17:56 | 1       |
| trans-1,3-Dichloropropene   | <5.00  |           | 5.00  | 2.30  | ug/L |   |          | 11/11/25 17:56 | 1       |
| trans-1,4-Dichloro-2-butene | <10.0  |           | 10.0  | 2.40  | ug/L |   |          | 11/11/25 17:56 | 1       |
| Trichloroethene             | <1.00  |           | 1.00  | 0.350 | ug/L |   |          | 11/11/25 17:56 | 1       |
| Trichlorofluoromethane      | <4.00  |           | 4.00  | 0.470 | ug/L |   |          | 11/11/25 17:56 | 1       |
| Vinyl acetate               | <10.0  |           | 10.0  | 7.10  | ug/L |   |          | 11/11/25 17:56 | 1       |
| Vinyl chloride              | <1.00  |           | 1.00  | 0.430 | ug/L |   |          | 11/11/25 17:56 | 1       |
| Xylenes, Total              | <3.00  |           | 3.00  | 1.10  | ug/L |   |          | 11/11/25 17:56 | 1       |

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# Client Sample Results

Client: SCS Engineers  
Project/Site: Clinton County South 2nd 2025 GW Sampling  
Event

Job ID: 310-320142-1

Client Sample ID: MW-29

Lab Sample ID: 310-320142-4

Date Collected: 11/06/25 14:08

Matrix: Water

Date Received: 11/07/25 17:30

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------|----------------|---------|
| Dibromofluoromethane (Surr) | 97        |           | 76 - 130 |          | 11/11/25 17:56 | 1       |
| Toluene-d8 (Surr)           | 94        |           | 80 - 120 |          | 11/11/25 17:56 | 1       |
| 4-Bromofluorobenzene (Surr) | 102       |           | 80 - 120 |          | 11/11/25 17:56 | 1       |

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

| Analyte   | Result   | Qualifier | RL       | MDL      | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------|----------|-----------|----------|----------|------|---|----------------|----------------|---------|
| Antimony  | <0.00200 | ^1+       | 0.00200  | 0.00100  | mg/L |   | 11/12/25 09:00 | 11/12/25 18:55 | 1       |
| Arsenic   | 0.000629 | J         | 0.00200  | 0.000530 | mg/L |   | 11/12/25 09:00 | 11/12/25 18:55 | 1       |
| Barium    | 0.186    |           | 0.00200  | 0.000660 | mg/L |   | 11/12/25 09:00 | 11/12/25 18:55 | 1       |
| Beryllium | <0.00100 |           | 0.00100  | 0.000330 | mg/L |   | 11/12/25 09:00 | 11/12/25 18:55 | 1       |
| Cadmium   | 0.000116 | J         | 0.000200 | 0.000100 | mg/L |   | 11/12/25 09:00 | 11/12/25 18:55 | 1       |
| Chromium  | 0.00255  | J         | 0.00500  | 0.00180  | mg/L |   | 11/12/25 09:00 | 11/12/25 18:55 | 1       |
| Cobalt    | 0.000881 |           | 0.000500 | 0.000170 | mg/L |   | 11/12/25 09:00 | 11/12/25 18:55 | 1       |
| Copper    | <0.00500 |           | 0.00500  | 0.00320  | mg/L |   | 11/12/25 09:00 | 11/12/25 18:55 | 1       |
| Lead      | 0.000384 | J         | 0.000500 | 0.000330 | mg/L |   | 11/12/25 09:00 | 11/13/25 15:11 | 1       |
| Nickel    | <0.00500 |           | 0.00500  | 0.00230  | mg/L |   | 11/12/25 09:00 | 11/12/25 18:55 | 1       |
| Selenium  | <0.00500 |           | 0.00500  | 0.00140  | mg/L |   | 11/12/25 09:00 | 11/12/25 18:55 | 1       |
| Silver    | <0.00100 |           | 0.00100  | 0.000500 | mg/L |   | 11/12/25 09:00 | 11/12/25 18:55 | 1       |
| Thallium  | <0.00100 |           | 0.00100  | 0.000570 | mg/L |   | 11/12/25 09:00 | 11/12/25 18:55 | 1       |
| Vanadium  | 0.00337  | J         | 0.00500  | 0.00170  | mg/L |   | 11/12/25 09:00 | 11/12/25 18:55 | 1       |
| Zinc      | <0.0200  |           | 0.0200   | 0.0130   | mg/L |   | 11/12/25 09:00 | 11/12/25 18:55 | 1       |

## General Chemistry

| Analyte                                 | Result | Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------------------|--------|-----------|------|------|------|---|----------|----------------|---------|
| Total Suspended Solids (USGS I-3765-85) | 39.5   |           | 1.88 | 1.31 | mg/L |   |          | 11/11/25 09:56 | 1       |

# Client Sample Results

Client: SCS Engineers  
Project/Site: Clinton County South 2nd 2025 GW Sampling  
Event

Job ID: 310-320142-1

Client Sample ID: MW-39

Lab Sample ID: 310-320142-5

Date Collected: 11/07/25 08:24

Matrix: Water

Date Received: 11/07/25 17:30

## 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   | <1.00  |           | 1.00  | 0.380 | ug/L |   |          | 11/11/25 18:18 | 1       |
| 1,1,1-Trichloroethane       | <1.00  |           | 1.00  | 0.420 | ug/L |   |          | 11/11/25 18:18 | 1       |
| 1,1,2,2-Tetrachloroethane   | <1.00  |           | 1.00  | 0.350 | ug/L |   |          | 11/11/25 18:18 | 1       |
| 1,1,2-Trichloroethane       | <1.00  |           | 1.00  | 0.330 | ug/L |   |          | 11/11/25 18:18 | 1       |
| 1,1-Dichloroethane          | <1.00  |           | 1.00  | 0.400 | ug/L |   |          | 11/11/25 18:18 | 1       |
| 1,1-Dichloroethene          | <2.00  |           | 2.00  | 0.460 | ug/L |   |          | 11/11/25 18:18 | 1       |
| 1,2,3-Trichloropropane      | <1.00  |           | 1.00  | 0.430 | ug/L |   |          | 11/11/25 18:18 | 1       |
| 1,2-Dibromo-3-Chloropropane | <1.20  |           | 1.20  | 1.20  | ug/L |   |          | 11/11/25 18:18 | 1       |
| 1,2-Dibromoethane (EDB)     | <0.340 |           | 0.340 | 0.340 | ug/L |   |          | 11/11/25 18:18 | 1       |
| 1,2-Dichlorobenzene         | <1.00  |           | 1.00  | 0.370 | ug/L |   |          | 11/11/25 18:18 | 1       |
| 1,2-Dichloroethane          | <1.00  |           | 1.00  | 0.890 | ug/L |   |          | 11/11/25 18:18 | 1       |
| 1,2-Dichloropropane         | <1.00  |           | 1.00  | 0.380 | ug/L |   |          | 11/11/25 18:18 | 1       |
| 1,4-Dichlorobenzene         | <1.00  |           | 1.00  | 0.490 | ug/L |   |          | 11/11/25 18:18 | 1       |
| 2-Butanone (MEK)            | <10.0  |           | 10.0  | 3.40  | ug/L |   |          | 11/11/25 18:18 | 1       |
| 2-Hexanone                  | <10.0  |           | 10.0  | 3.80  | ug/L |   |          | 11/11/25 18:18 | 1       |
| 4-Methyl-2-pentanone (MIBK) | <10.0  |           | 10.0  | 3.50  | ug/L |   |          | 11/11/25 18:18 | 1       |
| Acetone                     | <10.0  |           | 10.0  | 3.80  | ug/L |   |          | 11/11/25 18:18 | 1       |
| Acrylonitrile               | <10.0  |           | 10.0  | 2.20  | ug/L |   |          | 11/11/25 18:18 | 1       |
| Benzene                     | <0.500 |           | 0.500 | 0.220 | ug/L |   |          | 11/11/25 18:18 | 1       |
| Bromochloromethane          | <5.00  |           | 5.00  | 1.70  | ug/L |   |          | 11/11/25 18:18 | 1       |
| Bromodichloromethane        | <1.00  |           | 1.00  | 0.390 | ug/L |   |          | 11/11/25 18:18 | 1       |
| Bromoform                   | <5.00  |           | 5.00  | 2.60  | ug/L |   |          | 11/11/25 18:18 | 1       |
| Bromomethane                | <4.00  |           | 4.00  | 1.10  | ug/L |   |          | 11/11/25 18:18 | 1       |
| Carbon disulfide            | <1.00  |           | 1.00  | 0.450 | ug/L |   |          | 11/11/25 18:18 | 1       |
| Carbon tetrachloride        | <2.00  |           | 2.00  | 0.650 | ug/L |   |          | 11/11/25 18:18 | 1       |
| Chlorobenzene               | <1.00  |           | 1.00  | 0.350 | ug/L |   |          | 11/11/25 18:18 | 1       |
| Chlorodibromomethane        | <5.00  |           | 5.00  | 1.50  | ug/L |   |          | 11/11/25 18:18 | 1       |
| Chloroethane                | <4.00  |           | 4.00  | 0.900 | ug/L |   |          | 11/11/25 18:18 | 1       |
| Chloroform                  | <3.00  |           | 3.00  | 1.30  | ug/L |   |          | 11/11/25 18:18 | 1       |
| Chloromethane               | <3.00  |           | 3.00  | 0.610 | ug/L |   |          | 11/11/25 18:18 | 1       |
| cis-1,2-Dichloroethene      | <1.00  |           | 1.00  | 0.550 | ug/L |   |          | 11/11/25 18:18 | 1       |
| cis-1,3-Dichloropropene     | <5.00  |           | 5.00  | 1.20  | ug/L |   |          | 11/11/25 18:18 | 1       |
| Dibromomethane              | <1.00  |           | 1.00  | 0.330 | ug/L |   |          | 11/11/25 18:18 | 1       |
| Ethylbenzene                | <1.00  |           | 1.00  | 0.420 | ug/L |   |          | 11/11/25 18:18 | 1       |
| Iodomethane                 | <10.0  |           | 10.0  | 2.60  | ug/L |   |          | 11/11/25 18:18 | 1       |
| Methylene Chloride          | <5.00  |           | 5.00  | 1.70  | ug/L |   |          | 11/11/25 18:18 | 1       |
| Styrene                     | <1.00  |           | 1.00  | 0.370 | ug/L |   |          | 11/11/25 18:18 | 1       |
| Tetrachloroethene           | <1.00  |           | 1.00  | 0.480 | ug/L |   |          | 11/11/25 18:18 | 1       |
| Toluene                     | <1.00  |           | 1.00  | 0.430 | ug/L |   |          | 11/11/25 18:18 | 1       |
| trans-1,2-Dichloroethene    | <1.00  |           | 1.00  | 0.410 | ug/L |   |          | 11/11/25 18:18 | 1       |
| trans-1,3-Dichloropropene   | <5.00  |           | 5.00  | 2.30  | ug/L |   |          | 11/11/25 18:18 | 1       |
| trans-1,4-Dichloro-2-butene | <10.0  |           | 10.0  | 2.40  | ug/L |   |          | 11/11/25 18:18 | 1       |
| Trichloroethene             | <1.00  |           | 1.00  | 0.350 | ug/L |   |          | 11/11/25 18:18 | 1       |
| Trichlorofluoromethane      | <4.00  |           | 4.00  | 0.470 | ug/L |   |          | 11/11/25 18:18 | 1       |
| Vinyl acetate               | <10.0  |           | 10.0  | 7.10  | ug/L |   |          | 11/11/25 18:18 | 1       |
| Vinyl chloride              | <1.00  |           | 1.00  | 0.430 | ug/L |   |          | 11/11/25 18:18 | 1       |
| Xylenes, Total              | <3.00  |           | 3.00  | 1.10  | ug/L |   |          | 11/11/25 18:18 | 1       |

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# Client Sample Results

Client: SCS Engineers  
Project/Site: Clinton County South 2nd 2025 GW Sampling  
Event

Job ID: 310-320142-1

Client Sample ID: MW-39

Lab Sample ID: 310-320142-5

Date Collected: 11/07/25 08:24

Matrix: Water

Date Received: 11/07/25 17:30

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------|----------------|---------|
| Dibromofluoromethane (Surr) | 98        |           | 76 - 130 |          | 11/11/25 18:18 | 1       |
| Toluene-d8 (Surr)           | 95        |           | 80 - 120 |          | 11/11/25 18:18 | 1       |
| 4-Bromofluorobenzene (Surr) | 103       |           | 80 - 120 |          | 11/11/25 18:18 | 1       |

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

| Analyte   | Result    | Qualifier | RL       | MDL      | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------|-----------|-----------|----------|----------|------|---|----------------|----------------|---------|
| Antimony  | <0.00200  | ^1+       | 0.00200  | 0.00100  | mg/L |   | 11/12/25 09:00 | 11/12/25 18:58 | 1       |
| Arsenic   | <0.00200  |           | 0.00200  | 0.000530 | mg/L |   | 11/12/25 09:00 | 11/12/25 18:58 | 1       |
| Barium    | 0.326     |           | 0.00200  | 0.000660 | mg/L |   | 11/12/25 09:00 | 11/12/25 18:58 | 1       |
| Beryllium | <0.00100  |           | 0.00100  | 0.000330 | mg/L |   | 11/12/25 09:00 | 11/12/25 18:58 | 1       |
| Cadmium   | <0.000200 |           | 0.000200 | 0.000100 | mg/L |   | 11/12/25 09:00 | 11/12/25 18:58 | 1       |
| Chromium  | 0.00194   | J         | 0.00500  | 0.00180  | mg/L |   | 11/12/25 09:00 | 11/12/25 18:58 | 1       |
| Cobalt    | 0.00397   |           | 0.000500 | 0.000170 | mg/L |   | 11/12/25 09:00 | 11/12/25 18:58 | 1       |
| Copper    | <0.00500  |           | 0.00500  | 0.00320  | mg/L |   | 11/12/25 09:00 | 11/12/25 18:58 | 1       |
| Lead      | <0.000500 |           | 0.000500 | 0.000330 | mg/L |   | 11/12/25 09:00 | 11/12/25 18:58 | 1       |
| Nickel    | <0.00500  |           | 0.00500  | 0.00230  | mg/L |   | 11/12/25 09:00 | 11/12/25 18:58 | 1       |
| Selenium  | <0.00500  |           | 0.00500  | 0.00140  | mg/L |   | 11/12/25 09:00 | 11/12/25 18:58 | 1       |
| Silver    | <0.00100  |           | 0.00100  | 0.000500 | mg/L |   | 11/12/25 09:00 | 11/12/25 18:58 | 1       |
| Thallium  | <0.00100  |           | 0.00100  | 0.000570 | mg/L |   | 11/12/25 09:00 | 11/12/25 18:58 | 1       |
| Vanadium  | <0.00500  |           | 0.00500  | 0.00170  | mg/L |   | 11/12/25 09:00 | 11/12/25 18:58 | 1       |
| Zinc      | <0.0200   |           | 0.0200   | 0.0130   | mg/L |   | 11/12/25 09:00 | 11/12/25 18:58 | 1       |

## General Chemistry

| Analyte                                 | Result | Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------------------|--------|-----------|------|------|------|---|----------|----------------|---------|
| Total Suspended Solids (USGS I-3765-85) | 20.4   |           | 1.88 | 1.31 | mg/L |   |          | 11/11/25 09:56 | 1       |

# Client Sample Results

Client: SCS Engineers  
Project/Site: Clinton County South 2nd 2025 GW Sampling  
Event

Job ID: 310-320142-1

Client Sample ID: MW-40

Lab Sample ID: 310-320142-6

Date Collected: 11/06/25 10:26

Matrix: Water

Date Received: 11/07/25 17:30

## 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   | <1.00  |           | 1.00  | 0.380 | ug/L |   |          | 11/11/25 18:41 | 1       |
| 1,1,1-Trichloroethane       | <1.00  |           | 1.00  | 0.420 | ug/L |   |          | 11/11/25 18:41 | 1       |
| 1,1,1,2,2-Tetrachloroethane | <1.00  |           | 1.00  | 0.350 | ug/L |   |          | 11/11/25 18:41 | 1       |
| 1,1,2-Trichloroethane       | <1.00  |           | 1.00  | 0.330 | ug/L |   |          | 11/11/25 18:41 | 1       |
| 1,1-Dichloroethane          | <1.00  |           | 1.00  | 0.400 | ug/L |   |          | 11/11/25 18:41 | 1       |
| 1,1-Dichloroethene          | <2.00  |           | 2.00  | 0.460 | ug/L |   |          | 11/11/25 18:41 | 1       |
| 1,2,3-Trichloropropane      | <1.00  |           | 1.00  | 0.430 | ug/L |   |          | 11/11/25 18:41 | 1       |
| 1,2-Dibromo-3-Chloropropane | <1.20  |           | 1.20  | 1.20  | ug/L |   |          | 11/11/25 18:41 | 1       |
| 1,2-Dibromoethane (EDB)     | <0.340 |           | 0.340 | 0.340 | ug/L |   |          | 11/11/25 18:41 | 1       |
| 1,2-Dichlorobenzene         | <1.00  |           | 1.00  | 0.370 | ug/L |   |          | 11/11/25 18:41 | 1       |
| 1,2-Dichloroethane          | <1.00  |           | 1.00  | 0.890 | ug/L |   |          | 11/11/25 18:41 | 1       |
| 1,2-Dichloropropane         | <1.00  |           | 1.00  | 0.380 | ug/L |   |          | 11/11/25 18:41 | 1       |
| 1,4-Dichlorobenzene         | <1.00  |           | 1.00  | 0.490 | ug/L |   |          | 11/11/25 18:41 | 1       |
| 2-Butanone (MEK)            | <10.0  |           | 10.0  | 3.40  | ug/L |   |          | 11/11/25 18:41 | 1       |
| 2-Hexanone                  | <10.0  |           | 10.0  | 3.80  | ug/L |   |          | 11/11/25 18:41 | 1       |
| 4-Methyl-2-pentanone (MIBK) | <10.0  |           | 10.0  | 3.50  | ug/L |   |          | 11/11/25 18:41 | 1       |
| Acetone                     | <10.0  |           | 10.0  | 3.80  | ug/L |   |          | 11/11/25 18:41 | 1       |
| Acrylonitrile               | <10.0  |           | 10.0  | 2.20  | ug/L |   |          | 11/11/25 18:41 | 1       |
| Benzene                     | <0.500 |           | 0.500 | 0.220 | ug/L |   |          | 11/11/25 18:41 | 1       |
| Bromochloromethane          | <5.00  |           | 5.00  | 1.70  | ug/L |   |          | 11/11/25 18:41 | 1       |
| Bromodichloromethane        | <1.00  |           | 1.00  | 0.390 | ug/L |   |          | 11/11/25 18:41 | 1       |
| Bromoform                   | <5.00  |           | 5.00  | 2.60  | ug/L |   |          | 11/11/25 18:41 | 1       |
| Bromomethane                | <4.00  |           | 4.00  | 1.10  | ug/L |   |          | 11/11/25 18:41 | 1       |
| Carbon disulfide            | <1.00  |           | 1.00  | 0.450 | ug/L |   |          | 11/11/25 18:41 | 1       |
| Carbon tetrachloride        | <2.00  |           | 2.00  | 0.650 | ug/L |   |          | 11/11/25 18:41 | 1       |
| Chlorobenzene               | <1.00  |           | 1.00  | 0.350 | ug/L |   |          | 11/11/25 18:41 | 1       |
| Chlorodibromomethane        | <5.00  |           | 5.00  | 1.50  | ug/L |   |          | 11/11/25 18:41 | 1       |
| Chloroethane                | <4.00  |           | 4.00  | 0.900 | ug/L |   |          | 11/11/25 18:41 | 1       |
| Chloroform                  | <3.00  |           | 3.00  | 1.30  | ug/L |   |          | 11/11/25 18:41 | 1       |
| Chloromethane               | <3.00  |           | 3.00  | 0.610 | ug/L |   |          | 11/11/25 18:41 | 1       |
| cis-1,2-Dichloroethene      | <1.00  |           | 1.00  | 0.550 | ug/L |   |          | 11/11/25 18:41 | 1       |
| cis-1,3-Dichloropropene     | <5.00  |           | 5.00  | 1.20  | ug/L |   |          | 11/11/25 18:41 | 1       |
| Dibromomethane              | <1.00  |           | 1.00  | 0.330 | ug/L |   |          | 11/11/25 18:41 | 1       |
| Ethylbenzene                | <1.00  |           | 1.00  | 0.420 | ug/L |   |          | 11/11/25 18:41 | 1       |
| Iodomethane                 | <10.0  |           | 10.0  | 2.60  | ug/L |   |          | 11/11/25 18:41 | 1       |
| Methylene Chloride          | <5.00  |           | 5.00  | 1.70  | ug/L |   |          | 11/11/25 18:41 | 1       |
| Styrene                     | <1.00  |           | 1.00  | 0.370 | ug/L |   |          | 11/11/25 18:41 | 1       |
| Tetrachloroethene           | <1.00  |           | 1.00  | 0.480 | ug/L |   |          | 11/11/25 18:41 | 1       |
| Toluene                     | <1.00  |           | 1.00  | 0.430 | ug/L |   |          | 11/11/25 18:41 | 1       |
| trans-1,2-Dichloroethene    | <1.00  |           | 1.00  | 0.410 | ug/L |   |          | 11/11/25 18:41 | 1       |
| trans-1,3-Dichloropropene   | <5.00  |           | 5.00  | 2.30  | ug/L |   |          | 11/11/25 18:41 | 1       |
| trans-1,4-Dichloro-2-butene | <10.0  |           | 10.0  | 2.40  | ug/L |   |          | 11/11/25 18:41 | 1       |
| Trichloroethene             | <1.00  |           | 1.00  | 0.350 | ug/L |   |          | 11/11/25 18:41 | 1       |
| Trichlorofluoromethane      | <4.00  |           | 4.00  | 0.470 | ug/L |   |          | 11/11/25 18:41 | 1       |
| Vinyl acetate               | <10.0  |           | 10.0  | 7.10  | ug/L |   |          | 11/11/25 18:41 | 1       |
| Vinyl chloride              | <1.00  |           | 1.00  | 0.430 | ug/L |   |          | 11/11/25 18:41 | 1       |
| Xylenes, Total              | <3.00  |           | 3.00  | 1.10  | ug/L |   |          | 11/11/25 18:41 | 1       |

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# Client Sample Results

Client: SCS Engineers  
Project/Site: Clinton County South 2nd 2025 GW Sampling  
Event

Job ID: 310-320142-1

Client Sample ID: MW-40

Lab Sample ID: 310-320142-6

Date Collected: 11/06/25 10:26

Matrix: Water

Date Received: 11/07/25 17:30

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------|----------------|---------|
| Dibromofluoromethane (Surr) | 98        |           | 76 - 130 |          | 11/11/25 18:41 | 1       |
| Toluene-d8 (Surr)           | 95        |           | 80 - 120 |          | 11/11/25 18:41 | 1       |
| 4-Bromofluorobenzene (Surr) | 103       |           | 80 - 120 |          | 11/11/25 18:41 | 1       |

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

| Analyte   | Result    | Qualifier | RL       | MDL      | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------|-----------|-----------|----------|----------|------|---|----------------|----------------|---------|
| Antimony  | <0.00200  | ^1+       | 0.00200  | 0.00100  | mg/L |   | 11/12/25 09:00 | 11/12/25 19:00 | 1       |
| Arsenic   | <0.00200  |           | 0.00200  | 0.000530 | mg/L |   | 11/12/25 09:00 | 11/12/25 19:00 | 1       |
| Barium    | 0.0157    |           | 0.00200  | 0.000660 | mg/L |   | 11/12/25 09:00 | 11/12/25 19:00 | 1       |
| Beryllium | <0.00100  |           | 0.00100  | 0.000330 | mg/L |   | 11/12/25 09:00 | 11/12/25 19:00 | 1       |
| Cadmium   | <0.000200 |           | 0.000200 | 0.000100 | mg/L |   | 11/12/25 09:00 | 11/12/25 19:00 | 1       |
| Chromium  | 0.00622   |           | 0.00500  | 0.00180  | mg/L |   | 11/12/25 09:00 | 11/12/25 19:00 | 1       |
| Cobalt    | 0.000279  | J         | 0.000500 | 0.000170 | mg/L |   | 11/12/25 09:00 | 11/12/25 19:00 | 1       |
| Copper    | <0.00500  |           | 0.00500  | 0.00320  | mg/L |   | 11/12/25 09:00 | 11/12/25 19:00 | 1       |
| Lead      | <0.000500 |           | 0.000500 | 0.000330 | mg/L |   | 11/12/25 09:00 | 11/12/25 19:00 | 1       |
| Nickel    | 0.00576   |           | 0.00500  | 0.00230  | mg/L |   | 11/12/25 09:00 | 11/12/25 19:00 | 1       |
| Selenium  | <0.00500  |           | 0.00500  | 0.00140  | mg/L |   | 11/12/25 09:00 | 11/12/25 19:00 | 1       |
| Silver    | <0.00100  |           | 0.00100  | 0.000500 | mg/L |   | 11/12/25 09:00 | 11/12/25 19:00 | 1       |
| Thallium  | <0.00100  |           | 0.00100  | 0.000570 | mg/L |   | 11/12/25 09:00 | 11/12/25 19:00 | 1       |
| Vanadium  | <0.00500  |           | 0.00500  | 0.00170  | mg/L |   | 11/12/25 09:00 | 11/12/25 19:00 | 1       |
| Zinc      | <0.0200   |           | 0.0200   | 0.0130   | mg/L |   | 11/12/25 09:00 | 11/12/25 19:00 | 1       |

## General Chemistry

| Analyte                                 | Result | Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------------------|--------|-----------|------|------|------|---|----------|----------------|---------|
| Total Suspended Solids (USGS I-3765-85) | 12.5   |           | 1.88 | 1.31 | mg/L |   |          | 11/11/25 09:56 | 1       |

# Client Sample Results

Client: SCS Engineers

Job ID: 310-320142-1

Project/Site: Clinton County South 2nd 2025 GW Sampling

Event

Client Sample ID: MW-41

Lab Sample ID: 310-320142-7

Date Collected: 11/06/25 11:20

Matrix: Water

Date Received: 11/07/25 17:30

## 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   | <1.00  |           | 1.00  | 0.380 | ug/L |   |          | 11/11/25 19:03 | 1       |
| 1,1,1-Trichloroethane       | <1.00  |           | 1.00  | 0.420 | ug/L |   |          | 11/11/25 19:03 | 1       |
| 1,1,2,2-Tetrachloroethane   | <1.00  |           | 1.00  | 0.350 | ug/L |   |          | 11/11/25 19:03 | 1       |
| 1,1,2-Trichloroethane       | <1.00  |           | 1.00  | 0.330 | ug/L |   |          | 11/11/25 19:03 | 1       |
| 1,1-Dichloroethane          | <1.00  |           | 1.00  | 0.400 | ug/L |   |          | 11/11/25 19:03 | 1       |
| 1,1-Dichloroethene          | <2.00  |           | 2.00  | 0.460 | ug/L |   |          | 11/11/25 19:03 | 1       |
| 1,2,3-Trichloropropane      | <1.00  |           | 1.00  | 0.430 | ug/L |   |          | 11/11/25 19:03 | 1       |
| 1,2-Dibromo-3-Chloropropane | <1.20  |           | 1.20  | 1.20  | ug/L |   |          | 11/11/25 19:03 | 1       |
| 1,2-Dibromoethane (EDB)     | <0.340 |           | 0.340 | 0.340 | ug/L |   |          | 11/11/25 19:03 | 1       |
| 1,2-Dichlorobenzene         | <1.00  |           | 1.00  | 0.370 | ug/L |   |          | 11/11/25 19:03 | 1       |
| 1,2-Dichloroethane          | <1.00  |           | 1.00  | 0.890 | ug/L |   |          | 11/11/25 19:03 | 1       |
| 1,2-Dichloropropane         | <1.00  |           | 1.00  | 0.380 | ug/L |   |          | 11/11/25 19:03 | 1       |
| 1,4-Dichlorobenzene         | <1.00  |           | 1.00  | 0.490 | ug/L |   |          | 11/11/25 19:03 | 1       |
| 2-Butanone (MEK)            | <10.0  |           | 10.0  | 3.40  | ug/L |   |          | 11/11/25 19:03 | 1       |
| 2-Hexanone                  | <10.0  |           | 10.0  | 3.80  | ug/L |   |          | 11/11/25 19:03 | 1       |
| 4-Methyl-2-pentanone (MIBK) | <10.0  |           | 10.0  | 3.50  | ug/L |   |          | 11/11/25 19:03 | 1       |
| Acetone                     | <10.0  |           | 10.0  | 3.80  | ug/L |   |          | 11/11/25 19:03 | 1       |
| Acrylonitrile               | <10.0  |           | 10.0  | 2.20  | ug/L |   |          | 11/11/25 19:03 | 1       |
| Benzene                     | <0.500 |           | 0.500 | 0.220 | ug/L |   |          | 11/11/25 19:03 | 1       |
| Bromochloromethane          | <5.00  |           | 5.00  | 1.70  | ug/L |   |          | 11/11/25 19:03 | 1       |
| Bromodichloromethane        | <1.00  |           | 1.00  | 0.390 | ug/L |   |          | 11/11/25 19:03 | 1       |
| Bromoform                   | <5.00  |           | 5.00  | 2.60  | ug/L |   |          | 11/11/25 19:03 | 1       |
| Bromomethane                | <4.00  |           | 4.00  | 1.10  | ug/L |   |          | 11/11/25 19:03 | 1       |
| Carbon disulfide            | <1.00  |           | 1.00  | 0.450 | ug/L |   |          | 11/11/25 19:03 | 1       |
| Carbon tetrachloride        | <2.00  |           | 2.00  | 0.650 | ug/L |   |          | 11/11/25 19:03 | 1       |
| Chlorobenzene               | <1.00  |           | 1.00  | 0.350 | ug/L |   |          | 11/11/25 19:03 | 1       |
| Chlorodibromomethane        | <5.00  |           | 5.00  | 1.50  | ug/L |   |          | 11/11/25 19:03 | 1       |
| Chloroethane                | <4.00  |           | 4.00  | 0.900 | ug/L |   |          | 11/11/25 19:03 | 1       |
| Chloroform                  | <3.00  |           | 3.00  | 1.30  | ug/L |   |          | 11/11/25 19:03 | 1       |
| Chloromethane               | <3.00  |           | 3.00  | 0.610 | ug/L |   |          | 11/11/25 19:03 | 1       |
| cis-1,2-Dichloroethene      | <1.00  |           | 1.00  | 0.550 | ug/L |   |          | 11/11/25 19:03 | 1       |
| cis-1,3-Dichloropropene     | <5.00  |           | 5.00  | 1.20  | ug/L |   |          | 11/11/25 19:03 | 1       |
| Dibromomethane              | <1.00  |           | 1.00  | 0.330 | ug/L |   |          | 11/11/25 19:03 | 1       |
| Ethylbenzene                | <1.00  |           | 1.00  | 0.420 | ug/L |   |          | 11/11/25 19:03 | 1       |
| Iodomethane                 | <10.0  |           | 10.0  | 2.60  | ug/L |   |          | 11/11/25 19:03 | 1       |
| Methylene Chloride          | <5.00  |           | 5.00  | 1.70  | ug/L |   |          | 11/11/25 19:03 | 1       |
| Styrene                     | <1.00  |           | 1.00  | 0.370 | ug/L |   |          | 11/11/25 19:03 | 1       |
| Tetrachloroethene           | <1.00  |           | 1.00  | 0.480 | ug/L |   |          | 11/11/25 19:03 | 1       |
| Toluene                     | <1.00  |           | 1.00  | 0.430 | ug/L |   |          | 11/11/25 19:03 | 1       |
| trans-1,2-Dichloroethene    | <1.00  |           | 1.00  | 0.410 | ug/L |   |          | 11/11/25 19:03 | 1       |
| trans-1,3-Dichloropropene   | <5.00  |           | 5.00  | 2.30  | ug/L |   |          | 11/11/25 19:03 | 1       |
| trans-1,4-Dichloro-2-butene | <10.0  |           | 10.0  | 2.40  | ug/L |   |          | 11/11/25 19:03 | 1       |
| Trichloroethene             | <1.00  |           | 1.00  | 0.350 | ug/L |   |          | 11/11/25 19:03 | 1       |
| Trichlorofluoromethane      | <4.00  |           | 4.00  | 0.470 | ug/L |   |          | 11/11/25 19:03 | 1       |
| Vinyl acetate               | <10.0  |           | 10.0  | 7.10  | ug/L |   |          | 11/11/25 19:03 | 1       |
| Vinyl chloride              | <1.00  |           | 1.00  | 0.430 | ug/L |   |          | 11/11/25 19:03 | 1       |
| Xylenes, Total              | <3.00  |           | 3.00  | 1.10  | ug/L |   |          | 11/11/25 19:03 | 1       |

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# Client Sample Results

Client: SCS Engineers  
Project/Site: Clinton County South 2nd 2025 GW Sampling  
Event

Job ID: 310-320142-1

Client Sample ID: MW-41

Lab Sample ID: 310-320142-7

Date Collected: 11/06/25 11:20

Matrix: Water

Date Received: 11/07/25 17:30

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------|----------------|---------|
| Dibromofluoromethane (Surr) | 97        |           | 76 - 130 |          | 11/11/25 19:03 | 1       |
| Toluene-d8 (Surr)           | 95        |           | 80 - 120 |          | 11/11/25 19:03 | 1       |
| 4-Bromofluorobenzene (Surr) | 103       |           | 80 - 120 |          | 11/11/25 19:03 | 1       |

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

| Analyte   | Result    | Qualifier | RL       | MDL      | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------|-----------|-----------|----------|----------|------|---|----------------|----------------|---------|
| Antimony  | <0.00200  | ^1+       | 0.00200  | 0.00100  | mg/L |   | 11/12/25 09:00 | 11/12/25 19:06 | 1       |
| Arsenic   | 0.00269   |           | 0.00200  | 0.000530 | mg/L |   | 11/12/25 09:00 | 11/12/25 19:06 | 1       |
| Barium    | 0.154     |           | 0.00200  | 0.000660 | mg/L |   | 11/12/25 09:00 | 11/12/25 19:06 | 1       |
| Beryllium | <0.00100  |           | 0.00100  | 0.000330 | mg/L |   | 11/12/25 09:00 | 11/12/25 19:06 | 1       |
| Cadmium   | <0.000200 |           | 0.000200 | 0.000100 | mg/L |   | 11/12/25 09:00 | 11/12/25 19:06 | 1       |
| Chromium  | 0.00317   | J         | 0.00500  | 0.00180  | mg/L |   | 11/12/25 09:00 | 11/12/25 19:06 | 1       |
| Cobalt    | 0.000460  | J         | 0.000500 | 0.000170 | mg/L |   | 11/12/25 09:00 | 11/12/25 19:06 | 1       |
| Copper    | <0.00500  |           | 0.00500  | 0.00320  | mg/L |   | 11/12/25 09:00 | 11/12/25 19:06 | 1       |
| Lead      | <0.000500 |           | 0.000500 | 0.000330 | mg/L |   | 11/12/25 09:00 | 11/12/25 19:06 | 1       |
| Nickel    | <0.00500  |           | 0.00500  | 0.00230  | mg/L |   | 11/12/25 09:00 | 11/12/25 19:06 | 1       |
| Selenium  | <0.00500  |           | 0.00500  | 0.00140  | mg/L |   | 11/12/25 09:00 | 11/12/25 19:06 | 1       |
| Silver    | <0.00100  |           | 0.00100  | 0.000500 | mg/L |   | 11/12/25 09:00 | 11/12/25 19:06 | 1       |
| Thallium  | <0.00100  |           | 0.00100  | 0.000570 | mg/L |   | 11/12/25 09:00 | 11/12/25 19:06 | 1       |
| Vanadium  | <0.00500  |           | 0.00500  | 0.00170  | mg/L |   | 11/12/25 09:00 | 11/12/25 19:06 | 1       |
| Zinc      | <0.0200   |           | 0.0200   | 0.0130   | mg/L |   | 11/12/25 09:00 | 11/12/25 19:06 | 1       |

## General Chemistry

| Analyte                                 | Result | Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------------------|--------|-----------|------|------|------|---|----------|----------------|---------|
| Total Suspended Solids (USGS I-3765-85) | 5.75   |           | 1.88 | 1.31 | mg/L |   |          | 11/11/25 09:56 | 1       |



# Client Sample Results

Client: SCS Engineers  
Project/Site: Clinton County South 2nd 2025 GW Sampling  
Event

Job ID: 310-320142-1

Client Sample ID: MW-42

Lab Sample ID: 310-320142-8

Date Collected: 11/06/25 13:01

Matrix: Water

Date Received: 11/07/25 17:30

## 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   | <1.00  |           | 1.00  | 0.380 | ug/L |   |          | 11/11/25 19:25 | 1       |
| 1,1,1-Trichloroethane       | <1.00  |           | 1.00  | 0.420 | ug/L |   |          | 11/11/25 19:25 | 1       |
| 1,1,2,2-Tetrachloroethane   | <1.00  |           | 1.00  | 0.350 | ug/L |   |          | 11/11/25 19:25 | 1       |
| 1,1,2-Trichloroethane       | <1.00  |           | 1.00  | 0.330 | ug/L |   |          | 11/11/25 19:25 | 1       |
| 1,1-Dichloroethane          | <1.00  |           | 1.00  | 0.400 | ug/L |   |          | 11/11/25 19:25 | 1       |
| 1,1-Dichloroethene          | <2.00  |           | 2.00  | 0.460 | ug/L |   |          | 11/11/25 19:25 | 1       |
| 1,2,3-Trichloropropane      | <1.00  |           | 1.00  | 0.430 | ug/L |   |          | 11/11/25 19:25 | 1       |
| 1,2-Dibromo-3-Chloropropane | <1.20  |           | 1.20  | 1.20  | ug/L |   |          | 11/11/25 19:25 | 1       |
| 1,2-Dibromoethane (EDB)     | <0.340 |           | 0.340 | 0.340 | ug/L |   |          | 11/11/25 19:25 | 1       |
| 1,2-Dichlorobenzene         | <1.00  |           | 1.00  | 0.370 | ug/L |   |          | 11/11/25 19:25 | 1       |
| 1,2-Dichloroethane          | <1.00  |           | 1.00  | 0.890 | ug/L |   |          | 11/11/25 19:25 | 1       |
| 1,2-Dichloropropane         | <1.00  |           | 1.00  | 0.380 | ug/L |   |          | 11/11/25 19:25 | 1       |
| 1,4-Dichlorobenzene         | <1.00  |           | 1.00  | 0.490 | ug/L |   |          | 11/11/25 19:25 | 1       |
| 2-Butanone (MEK)            | <10.0  |           | 10.0  | 3.40  | ug/L |   |          | 11/11/25 19:25 | 1       |
| 2-Hexanone                  | <10.0  |           | 10.0  | 3.80  | ug/L |   |          | 11/11/25 19:25 | 1       |
| 4-Methyl-2-pentanone (MIBK) | <10.0  |           | 10.0  | 3.50  | ug/L |   |          | 11/11/25 19:25 | 1       |
| Acetone                     | <10.0  |           | 10.0  | 3.80  | ug/L |   |          | 11/11/25 19:25 | 1       |
| Acrylonitrile               | <10.0  |           | 10.0  | 2.20  | ug/L |   |          | 11/11/25 19:25 | 1       |
| Benzene                     | <0.500 |           | 0.500 | 0.220 | ug/L |   |          | 11/11/25 19:25 | 1       |
| Bromochloromethane          | <5.00  |           | 5.00  | 1.70  | ug/L |   |          | 11/11/25 19:25 | 1       |
| Bromodichloromethane        | <1.00  |           | 1.00  | 0.390 | ug/L |   |          | 11/11/25 19:25 | 1       |
| Bromoform                   | <5.00  |           | 5.00  | 2.60  | ug/L |   |          | 11/11/25 19:25 | 1       |
| Bromomethane                | <4.00  |           | 4.00  | 1.10  | ug/L |   |          | 11/11/25 19:25 | 1       |
| Carbon disulfide            | <1.00  |           | 1.00  | 0.450 | ug/L |   |          | 11/11/25 19:25 | 1       |
| Carbon tetrachloride        | <2.00  |           | 2.00  | 0.650 | ug/L |   |          | 11/11/25 19:25 | 1       |
| Chlorobenzene               | <1.00  |           | 1.00  | 0.350 | ug/L |   |          | 11/11/25 19:25 | 1       |
| Chlorodibromomethane        | <5.00  |           | 5.00  | 1.50  | ug/L |   |          | 11/11/25 19:25 | 1       |
| Chloroethane                | <4.00  |           | 4.00  | 0.900 | ug/L |   |          | 11/11/25 19:25 | 1       |
| Chloroform                  | <3.00  |           | 3.00  | 1.30  | ug/L |   |          | 11/11/25 19:25 | 1       |
| Chloromethane               | <3.00  |           | 3.00  | 0.610 | ug/L |   |          | 11/11/25 19:25 | 1       |
| cis-1,2-Dichloroethene      | <1.00  |           | 1.00  | 0.550 | ug/L |   |          | 11/11/25 19:25 | 1       |
| cis-1,3-Dichloropropene     | <5.00  |           | 5.00  | 1.20  | ug/L |   |          | 11/11/25 19:25 | 1       |
| Dibromomethane              | <1.00  |           | 1.00  | 0.330 | ug/L |   |          | 11/11/25 19:25 | 1       |
| Ethylbenzene                | <1.00  |           | 1.00  | 0.420 | ug/L |   |          | 11/11/25 19:25 | 1       |
| Iodomethane                 | <10.0  |           | 10.0  | 2.60  | ug/L |   |          | 11/11/25 19:25 | 1       |
| Methylene Chloride          | <5.00  |           | 5.00  | 1.70  | ug/L |   |          | 11/11/25 19:25 | 1       |
| Styrene                     | <1.00  |           | 1.00  | 0.370 | ug/L |   |          | 11/11/25 19:25 | 1       |
| Tetrachloroethene           | <1.00  |           | 1.00  | 0.480 | ug/L |   |          | 11/11/25 19:25 | 1       |
| Toluene                     | <1.00  |           | 1.00  | 0.430 | ug/L |   |          | 11/11/25 19:25 | 1       |
| trans-1,2-Dichloroethene    | <1.00  |           | 1.00  | 0.410 | ug/L |   |          | 11/11/25 19:25 | 1       |
| trans-1,3-Dichloropropene   | <5.00  |           | 5.00  | 2.30  | ug/L |   |          | 11/11/25 19:25 | 1       |
| trans-1,4-Dichloro-2-butene | <10.0  |           | 10.0  | 2.40  | ug/L |   |          | 11/11/25 19:25 | 1       |
| Trichloroethene             | <1.00  |           | 1.00  | 0.350 | ug/L |   |          | 11/11/25 19:25 | 1       |
| Trichlorofluoromethane      | <4.00  |           | 4.00  | 0.470 | ug/L |   |          | 11/11/25 19:25 | 1       |
| Vinyl acetate               | <10.0  |           | 10.0  | 7.10  | ug/L |   |          | 11/11/25 19:25 | 1       |
| Vinyl chloride              | <1.00  |           | 1.00  | 0.430 | ug/L |   |          | 11/11/25 19:25 | 1       |
| Xylenes, Total              | <3.00  |           | 3.00  | 1.10  | ug/L |   |          | 11/11/25 19:25 | 1       |

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# Client Sample Results

Client: SCS Engineers  
Project/Site: Clinton County South 2nd 2025 GW Sampling  
Event

Job ID: 310-320142-1

Client Sample ID: MW-42

Lab Sample ID: 310-320142-8

Date Collected: 11/06/25 13:01

Matrix: Water

Date Received: 11/07/25 17:30

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------|----------------|---------|
| Dibromofluoromethane (Surr) | 98        |           | 76 - 130 |          | 11/11/25 19:25 | 1       |
| Toluene-d8 (Surr)           | 95        |           | 80 - 120 |          | 11/11/25 19:25 | 1       |
| 4-Bromofluorobenzene (Surr) | 103       |           | 80 - 120 |          | 11/11/25 19:25 | 1       |

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

| Analyte   | Result    | Qualifier | RL       | MDL      | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------|-----------|-----------|----------|----------|------|---|----------------|----------------|---------|
| Antimony  | <0.00200  | ^1+       | 0.00200  | 0.00100  | mg/L |   | 11/12/25 09:00 | 11/12/25 19:09 | 1       |
| Arsenic   | <0.00200  |           | 0.00200  | 0.000530 | mg/L |   | 11/12/25 09:00 | 11/12/25 19:09 | 1       |
| Barium    | 0.175     |           | 0.00200  | 0.000660 | mg/L |   | 11/12/25 09:00 | 11/12/25 19:09 | 1       |
| Beryllium | <0.00100  |           | 0.00100  | 0.000330 | mg/L |   | 11/12/25 09:00 | 11/12/25 19:09 | 1       |
| Cadmium   | <0.000200 |           | 0.000200 | 0.000100 | mg/L |   | 11/12/25 09:00 | 11/12/25 19:09 | 1       |
| Chromium  | 0.00331   | J         | 0.00500  | 0.00180  | mg/L |   | 11/12/25 09:00 | 11/12/25 19:09 | 1       |
| Cobalt    | 0.000216  | J         | 0.000500 | 0.000170 | mg/L |   | 11/12/25 09:00 | 11/12/25 19:09 | 1       |
| Copper    | <0.00500  |           | 0.00500  | 0.00320  | mg/L |   | 11/12/25 09:00 | 11/12/25 19:09 | 1       |
| Lead      | <0.000500 |           | 0.000500 | 0.000330 | mg/L |   | 11/12/25 09:00 | 11/12/25 19:09 | 1       |
| Nickel    | <0.00500  |           | 0.00500  | 0.00230  | mg/L |   | 11/12/25 09:00 | 11/12/25 19:09 | 1       |
| Selenium  | 0.00159   | J         | 0.00500  | 0.00140  | mg/L |   | 11/12/25 09:00 | 11/12/25 19:09 | 1       |
| Silver    | <0.00100  |           | 0.00100  | 0.000500 | mg/L |   | 11/12/25 09:00 | 11/12/25 19:09 | 1       |
| Thallium  | <0.00100  |           | 0.00100  | 0.000570 | mg/L |   | 11/12/25 09:00 | 11/12/25 19:09 | 1       |
| Vanadium  | <0.00500  |           | 0.00500  | 0.00170  | mg/L |   | 11/12/25 09:00 | 11/12/25 19:09 | 1       |
| Zinc      | <0.0200   |           | 0.0200   | 0.0130   | mg/L |   | 11/12/25 09:00 | 11/12/25 19:09 | 1       |

## General Chemistry

| Analyte                                 | Result | Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------------------|--------|-----------|------|------|------|---|----------|----------------|---------|
| Total Suspended Solids (USGS I-3765-85) | 25.6   |           | 1.88 | 1.31 | mg/L |   |          | 11/11/25 09:56 | 1       |

# Client Sample Results

Client: SCS Engineers  
Project/Site: Clinton County South 2nd 2025 GW Sampling  
Event

Job ID: 310-320142-1

Client Sample ID: MW-90-11

Lab Sample ID: 310-320142-9

Date Collected: 11/04/25 16:50

Matrix: Water

Date Received: 11/07/25 17:30

## 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   | <1.00  |           | 1.00  | 0.380 | ug/L |   |          | 11/11/25 17:09 | 1       |
| 1,1,1-Trichloroethane       | <1.00  |           | 1.00  | 0.420 | ug/L |   |          | 11/11/25 17:09 | 1       |
| 1,1,2,2-Tetrachloroethane   | <1.00  |           | 1.00  | 0.350 | ug/L |   |          | 11/11/25 17:09 | 1       |
| 1,1,2-Trichloroethane       | <1.00  |           | 1.00  | 0.330 | ug/L |   |          | 11/11/25 17:09 | 1       |
| 1,1-Dichloroethane          | 0.872  | J         | 1.00  | 0.400 | ug/L |   |          | 11/11/25 17:09 | 1       |
| 1,1-Dichloroethene          | <2.00  |           | 2.00  | 0.460 | ug/L |   |          | 11/11/25 17:09 | 1       |
| 1,2,3-Trichloropropane      | <1.00  |           | 1.00  | 0.430 | ug/L |   |          | 11/11/25 17:09 | 1       |
| 1,2-Dibromo-3-Chloropropane | <1.20  |           | 1.20  | 1.20  | ug/L |   |          | 11/11/25 17:09 | 1       |
| 1,2-Dibromoethane (EDB)     | <0.340 |           | 0.340 | 0.340 | ug/L |   |          | 11/11/25 17:09 | 1       |
| 1,2-Dichlorobenzene         | <1.00  |           | 1.00  | 0.370 | ug/L |   |          | 11/11/25 17:09 | 1       |
| 1,2-Dichloroethane          | <1.00  |           | 1.00  | 0.890 | ug/L |   |          | 11/11/25 17:09 | 1       |
| 1,2-Dichloropropane         | <1.00  |           | 1.00  | 0.380 | ug/L |   |          | 11/11/25 17:09 | 1       |
| 1,4-Dichlorobenzene         | <1.00  |           | 1.00  | 0.490 | ug/L |   |          | 11/11/25 17:09 | 1       |
| 2-Butanone (MEK)            | <10.0  |           | 10.0  | 3.40  | ug/L |   |          | 11/11/25 17:09 | 1       |
| 2-Hexanone                  | <10.0  |           | 10.0  | 3.80  | ug/L |   |          | 11/11/25 17:09 | 1       |
| 4-Methyl-2-pentanone (MIBK) | <10.0  |           | 10.0  | 3.50  | ug/L |   |          | 11/11/25 17:09 | 1       |
| Acetone                     | <10.0  |           | 10.0  | 3.80  | ug/L |   |          | 11/11/25 17:09 | 1       |
| Acrylonitrile               | <10.0  |           | 10.0  | 2.20  | ug/L |   |          | 11/11/25 17:09 | 1       |
| Benzene                     | <0.500 |           | 0.500 | 0.220 | ug/L |   |          | 11/11/25 17:09 | 1       |
| Bromochloromethane          | <5.00  |           | 5.00  | 1.70  | ug/L |   |          | 11/11/25 17:09 | 1       |
| Bromodichloromethane        | <1.00  |           | 1.00  | 0.390 | ug/L |   |          | 11/11/25 17:09 | 1       |
| Bromoform                   | <5.00  |           | 5.00  | 2.60  | ug/L |   |          | 11/11/25 17:09 | 1       |
| Bromomethane                | <4.00  |           | 4.00  | 1.10  | ug/L |   |          | 11/11/25 17:09 | 1       |
| Carbon disulfide            | <1.00  |           | 1.00  | 0.450 | ug/L |   |          | 11/11/25 17:09 | 1       |
| Carbon tetrachloride        | <2.00  |           | 2.00  | 0.650 | ug/L |   |          | 11/11/25 17:09 | 1       |
| Chlorobenzene               | 6.73   |           | 1.00  | 0.350 | ug/L |   |          | 11/11/25 17:09 | 1       |
| Chlorodibromomethane        | <5.00  |           | 5.00  | 1.50  | ug/L |   |          | 11/11/25 17:09 | 1       |
| Chloroethane                | 1.35   | J         | 4.00  | 0.900 | ug/L |   |          | 11/11/25 17:09 | 1       |
| Chloroform                  | <3.00  |           | 3.00  | 1.30  | ug/L |   |          | 11/11/25 17:09 | 1       |
| Chloromethane               | <3.00  |           | 3.00  | 0.610 | ug/L |   |          | 11/11/25 17:09 | 1       |
| cis-1,2-Dichloroethene      | 0.717  | J         | 1.00  | 0.550 | ug/L |   |          | 11/11/25 17:09 | 1       |
| cis-1,3-Dichloropropene     | <5.00  |           | 5.00  | 1.20  | ug/L |   |          | 11/11/25 17:09 | 1       |
| Dibromomethane              | <1.00  |           | 1.00  | 0.330 | ug/L |   |          | 11/11/25 17:09 | 1       |
| Ethylbenzene                | <1.00  |           | 1.00  | 0.420 | ug/L |   |          | 11/11/25 17:09 | 1       |
| Iodomethane                 | <10.0  |           | 10.0  | 2.60  | ug/L |   |          | 11/11/25 17:09 | 1       |
| Methylene Chloride          | <5.00  |           | 5.00  | 1.70  | ug/L |   |          | 11/11/25 17:09 | 1       |
| Styrene                     | <1.00  |           | 1.00  | 0.370 | ug/L |   |          | 11/11/25 17:09 | 1       |
| Tetrachloroethene           | <1.00  |           | 1.00  | 0.480 | ug/L |   |          | 11/11/25 17:09 | 1       |
| Toluene                     | <1.00  |           | 1.00  | 0.430 | ug/L |   |          | 11/11/25 17:09 | 1       |
| trans-1,2-Dichloroethene    | <1.00  |           | 1.00  | 0.410 | ug/L |   |          | 11/11/25 17:09 | 1       |
| trans-1,3-Dichloropropene   | <5.00  |           | 5.00  | 2.30  | ug/L |   |          | 11/11/25 17:09 | 1       |
| trans-1,4-Dichloro-2-butene | <10.0  |           | 10.0  | 2.40  | ug/L |   |          | 11/11/25 17:09 | 1       |
| Trichloroethene             | <1.00  |           | 1.00  | 0.350 | ug/L |   |          | 11/11/25 17:09 | 1       |
| Trichlorofluoromethane      | <4.00  |           | 4.00  | 0.470 | ug/L |   |          | 11/11/25 17:09 | 1       |
| Vinyl acetate               | <10.0  |           | 10.0  | 7.10  | ug/L |   |          | 11/11/25 17:09 | 1       |
| Vinyl chloride              | <1.00  |           | 1.00  | 0.430 | ug/L |   |          | 11/11/25 17:09 | 1       |
| Xylenes, Total              | <3.00  |           | 3.00  | 1.10  | ug/L |   |          | 11/11/25 17:09 | 1       |

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# Client Sample Results

Client: SCS Engineers  
Project/Site: Clinton County South 2nd 2025 GW Sampling  
Event

Job ID: 310-320142-1

Client Sample ID: MW-90-11

Lab Sample ID: 310-320142-9

Date Collected: 11/04/25 16:50

Matrix: Water

Date Received: 11/07/25 17:30

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------|----------------|---------|
| Dibromofluoromethane (Surr) | 113       |           | 76 - 130 |          | 11/11/25 17:09 | 1       |
| Toluene-d8 (Surr)           | 98        |           | 80 - 120 |          | 11/11/25 17:09 | 1       |
| 4-Bromofluorobenzene (Surr) | 106       |           | 80 - 120 |          | 11/11/25 17:09 | 1       |

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

| Analyte   | Result    | Qualifier | RL       | MDL      | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------|-----------|-----------|----------|----------|------|---|----------------|----------------|---------|
| Antimony  | <0.00200  | ^1+       | 0.00200  | 0.00100  | mg/L |   | 11/12/25 09:00 | 11/12/25 19:12 | 1       |
| Arsenic   | 0.0192    |           | 0.00200  | 0.000530 | mg/L |   | 11/12/25 09:00 | 11/12/25 19:12 | 1       |
| Barium    | 0.460     |           | 0.00200  | 0.000660 | mg/L |   | 11/12/25 09:00 | 11/12/25 19:12 | 1       |
| Beryllium | <0.00100  |           | 0.00100  | 0.000330 | mg/L |   | 11/12/25 09:00 | 11/12/25 19:12 | 1       |
| Cadmium   | <0.000200 |           | 0.000200 | 0.000100 | mg/L |   | 11/12/25 09:00 | 11/12/25 19:12 | 1       |
| Chromium  | 0.00242   | J         | 0.00500  | 0.00180  | mg/L |   | 11/12/25 09:00 | 11/12/25 19:12 | 1       |
| Cobalt    | 0.00394   |           | 0.000500 | 0.000170 | mg/L |   | 11/12/25 09:00 | 11/12/25 19:12 | 1       |
| Copper    | <0.00500  |           | 0.00500  | 0.00320  | mg/L |   | 11/12/25 09:00 | 11/12/25 19:12 | 1       |
| Lead      | <0.000500 |           | 0.000500 | 0.000330 | mg/L |   | 11/12/25 09:00 | 11/12/25 19:12 | 1       |
| Nickel    | 0.00438   | J         | 0.00500  | 0.00230  | mg/L |   | 11/12/25 09:00 | 11/12/25 19:12 | 1       |
| Selenium  | <0.00500  |           | 0.00500  | 0.00140  | mg/L |   | 11/12/25 09:00 | 11/12/25 19:12 | 1       |
| Silver    | <0.00100  |           | 0.00100  | 0.000500 | mg/L |   | 11/12/25 09:00 | 11/12/25 19:12 | 1       |
| Thallium  | <0.00100  |           | 0.00100  | 0.000570 | mg/L |   | 11/12/25 09:00 | 11/12/25 19:12 | 1       |
| Vanadium  | <0.00500  |           | 0.00500  | 0.00170  | mg/L |   | 11/12/25 09:00 | 11/12/25 19:12 | 1       |
| Zinc      | <0.0200   |           | 0.0200   | 0.0130   | mg/L |   | 11/12/25 09:00 | 11/12/25 19:12 | 1       |

## General Chemistry

| Analyte                                 | Result | Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------------------|--------|-----------|------|------|------|---|----------|----------------|---------|
| Total Suspended Solids (USGS I-3765-85) | 62.0   |           | 15.0 | 10.5 | mg/L |   |          | 11/10/25 11:29 | 1       |

# Client Sample Results

Client: SCS Engineers  
Project/Site: Clinton County South 2nd 2025 GW Sampling  
Event

Job ID: 310-320142-1

Client Sample ID: MW-20

Lab Sample ID: 310-320142-10

Date Collected: 11/04/25 13:26

Matrix: Water

Date Received: 11/07/25 17:30

## 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     | <1.00          |           | 1.00  | 0.380 | ug/L |   |          | 11/11/25 17:32 | 1       |
| 1,1,1-Trichloroethane         | <1.00          |           | 1.00  | 0.420 | ug/L |   |          | 11/11/25 17:32 | 1       |
| 1,1,2,2-Tetrachloroethane     | <1.00          |           | 1.00  | 0.350 | ug/L |   |          | 11/11/25 17:32 | 1       |
| 1,1,2-Trichloroethane         | <1.00          |           | 1.00  | 0.330 | ug/L |   |          | 11/11/25 17:32 | 1       |
| <b>1,1-Dichloroethane</b>     | <b>8.89</b>    |           | 1.00  | 0.400 | ug/L |   |          | 11/11/25 17:32 | 1       |
| 1,1-Dichloroethene            | <2.00          |           | 2.00  | 0.460 | ug/L |   |          | 11/11/25 17:32 | 1       |
| 1,2,3-Trichloropropane        | <1.00          |           | 1.00  | 0.430 | ug/L |   |          | 11/11/25 17:32 | 1       |
| 1,2-Dibromo-3-Chloropropane   | <1.20          |           | 1.20  | 1.20  | ug/L |   |          | 11/11/25 17:32 | 1       |
| 1,2-Dibromoethane (EDB)       | <0.340         |           | 0.340 | 0.340 | ug/L |   |          | 11/11/25 17:32 | 1       |
| 1,2-Dichlorobenzene           | <1.00          |           | 1.00  | 0.370 | ug/L |   |          | 11/11/25 17:32 | 1       |
| 1,2-Dichloroethane            | <1.00          |           | 1.00  | 0.890 | ug/L |   |          | 11/11/25 17:32 | 1       |
| 1,2-Dichloropropane           | <1.00          |           | 1.00  | 0.380 | ug/L |   |          | 11/11/25 17:32 | 1       |
| 1,4-Dichlorobenzene           | <1.00          |           | 1.00  | 0.490 | ug/L |   |          | 11/11/25 17:32 | 1       |
| 2-Butanone (MEK)              | <10.0          |           | 10.0  | 3.40  | ug/L |   |          | 11/11/25 17:32 | 1       |
| 2-Hexanone                    | <10.0          |           | 10.0  | 3.80  | ug/L |   |          | 11/11/25 17:32 | 1       |
| 4-Methyl-2-pentanone (MIBK)   | <10.0          |           | 10.0  | 3.50  | ug/L |   |          | 11/11/25 17:32 | 1       |
| <b>Acetone</b>                | <b>5.64 J</b>  |           | 10.0  | 3.80  | ug/L |   |          | 11/11/25 17:32 | 1       |
| Acrylonitrile                 | <10.0          |           | 10.0  | 2.20  | ug/L |   |          | 11/11/25 17:32 | 1       |
| <b>Benzene</b>                | <b>0.733</b>   |           | 0.500 | 0.220 | ug/L |   |          | 11/11/25 17:32 | 1       |
| Bromochloromethane            | <5.00          |           | 5.00  | 1.70  | ug/L |   |          | 11/11/25 17:32 | 1       |
| Bromodichloromethane          | <1.00          |           | 1.00  | 0.390 | ug/L |   |          | 11/11/25 17:32 | 1       |
| Bromoform                     | <5.00          |           | 5.00  | 2.60  | ug/L |   |          | 11/11/25 17:32 | 1       |
| Bromomethane                  | <4.00          |           | 4.00  | 1.10  | ug/L |   |          | 11/11/25 17:32 | 1       |
| Carbon disulfide              | <1.00          |           | 1.00  | 0.450 | ug/L |   |          | 11/11/25 17:32 | 1       |
| Carbon tetrachloride          | <2.00          |           | 2.00  | 0.650 | ug/L |   |          | 11/11/25 17:32 | 1       |
| <b>Chlorobenzene</b>          | <b>0.589 J</b> |           | 1.00  | 0.350 | ug/L |   |          | 11/11/25 17:32 | 1       |
| Chlorodibromomethane          | <5.00          |           | 5.00  | 1.50  | ug/L |   |          | 11/11/25 17:32 | 1       |
| <b>Chloroethane</b>           | <b>4.47</b>    |           | 4.00  | 0.900 | ug/L |   |          | 11/11/25 17:32 | 1       |
| Chloroform                    | <3.00          |           | 3.00  | 1.30  | ug/L |   |          | 11/11/25 17:32 | 1       |
| Chloromethane                 | <3.00          |           | 3.00  | 0.610 | ug/L |   |          | 11/11/25 17:32 | 1       |
| <b>cis-1,2-Dichloroethene</b> | <b>3.13</b>    |           | 1.00  | 0.550 | ug/L |   |          | 11/11/25 17:32 | 1       |
| cis-1,3-Dichloropropene       | <5.00          |           | 5.00  | 1.20  | ug/L |   |          | 11/11/25 17:32 | 1       |
| Dibromomethane                | <1.00          |           | 1.00  | 0.330 | ug/L |   |          | 11/11/25 17:32 | 1       |
| Ethylbenzene                  | <1.00          |           | 1.00  | 0.420 | ug/L |   |          | 11/11/25 17:32 | 1       |
| Iodomethane                   | <10.0          |           | 10.0  | 2.60  | ug/L |   |          | 11/11/25 17:32 | 1       |
| Methylene Chloride            | <5.00          |           | 5.00  | 1.70  | ug/L |   |          | 11/11/25 17:32 | 1       |
| Styrene                       | <1.00          |           | 1.00  | 0.370 | ug/L |   |          | 11/11/25 17:32 | 1       |
| Tetrachloroethene             | <1.00          |           | 1.00  | 0.480 | ug/L |   |          | 11/11/25 17:32 | 1       |
| Toluene                       | <1.00          |           | 1.00  | 0.430 | ug/L |   |          | 11/11/25 17:32 | 1       |
| trans-1,2-Dichloroethene      | <1.00          |           | 1.00  | 0.410 | ug/L |   |          | 11/11/25 17:32 | 1       |
| trans-1,3-Dichloropropene     | <5.00          |           | 5.00  | 2.30  | ug/L |   |          | 11/11/25 17:32 | 1       |
| trans-1,4-Dichloro-2-butene   | <10.0          |           | 10.0  | 2.40  | ug/L |   |          | 11/11/25 17:32 | 1       |
| Trichloroethene               | <1.00          |           | 1.00  | 0.350 | ug/L |   |          | 11/11/25 17:32 | 1       |
| Trichlorofluoromethane        | <4.00          |           | 4.00  | 0.470 | ug/L |   |          | 11/11/25 17:32 | 1       |
| Vinyl acetate                 | <10.0          |           | 10.0  | 7.10  | ug/L |   |          | 11/11/25 17:32 | 1       |
| <b>Vinyl chloride</b>         | <b>0.727 J</b> |           | 1.00  | 0.430 | ug/L |   |          | 11/11/25 17:32 | 1       |
| Xylenes, Total                | <3.00          |           | 3.00  | 1.10  | ug/L |   |          | 11/11/25 17:32 | 1       |

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# Client Sample Results

Client: SCS Engineers  
Project/Site: Clinton County South 2nd 2025 GW Sampling  
Event

Job ID: 310-320142-1

Client Sample ID: MW-20

Lab Sample ID: 310-320142-10

Date Collected: 11/04/25 13:26

Matrix: Water

Date Received: 11/07/25 17:30

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------|----------------|---------|
| Dibromofluoromethane (Surr) | 111       |           | 76 - 130 |          | 11/11/25 17:32 | 1       |
| Toluene-d8 (Surr)           | 95        |           | 80 - 120 |          | 11/11/25 17:32 | 1       |
| 4-Bromofluorobenzene (Surr) | 105       |           | 80 - 120 |          | 11/11/25 17:32 | 1       |

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

| Analyte   | Result    | Qualifier | RL       | MDL      | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------|-----------|-----------|----------|----------|------|---|----------------|----------------|---------|
| Antimony  | <0.00200  | ^1+       | 0.00200  | 0.00100  | mg/L |   | 11/12/25 09:00 | 11/12/25 19:15 | 1       |
| Arsenic   | 0.0275    |           | 0.00200  | 0.000530 | mg/L |   | 11/12/25 09:00 | 11/12/25 19:15 | 1       |
| Barium    | 2.57      |           | 0.00800  | 0.00264  | mg/L |   | 11/12/25 09:00 | 11/13/25 15:14 | 4       |
| Beryllium | <0.00100  |           | 0.00100  | 0.000330 | mg/L |   | 11/12/25 09:00 | 11/12/25 19:15 | 1       |
| Cadmium   | <0.000200 |           | 0.000200 | 0.000100 | mg/L |   | 11/12/25 09:00 | 11/12/25 19:15 | 1       |
| Chromium  | 0.0126    |           | 0.00500  | 0.00180  | mg/L |   | 11/12/25 09:00 | 11/12/25 19:15 | 1       |
| Cobalt    | 0.0290    |           | 0.000500 | 0.000170 | mg/L |   | 11/12/25 09:00 | 11/12/25 19:15 | 1       |
| Copper    | <0.00500  |           | 0.00500  | 0.00320  | mg/L |   | 11/12/25 09:00 | 11/12/25 19:15 | 1       |
| Lead      | <0.000500 |           | 0.000500 | 0.000330 | mg/L |   | 11/12/25 09:00 | 11/12/25 19:15 | 1       |
| Nickel    | 0.0409    |           | 0.00500  | 0.00230  | mg/L |   | 11/12/25 09:00 | 11/12/25 19:15 | 1       |
| Selenium  | <0.00500  |           | 0.00500  | 0.00140  | mg/L |   | 11/12/25 09:00 | 11/12/25 19:15 | 1       |
| Silver    | <0.00100  |           | 0.00100  | 0.000500 | mg/L |   | 11/12/25 09:00 | 11/12/25 19:15 | 1       |
| Thallium  | <0.00100  |           | 0.00100  | 0.000570 | mg/L |   | 11/12/25 09:00 | 11/12/25 19:15 | 1       |
| Vanadium  | <0.00500  |           | 0.00500  | 0.00170  | mg/L |   | 11/12/25 09:00 | 11/12/25 19:15 | 1       |
| Zinc      | <0.0200   |           | 0.0200   | 0.0130   | mg/L |   | 11/12/25 09:00 | 11/12/25 19:15 | 1       |

## General Chemistry

| Analyte                                 | Result | Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------------------|--------|-----------|------|------|------|---|----------|----------------|---------|
| Total Suspended Solids (USGS I-3765-85) | 57.0   |           | 15.0 | 10.5 | mg/L |   |          | 11/10/25 11:29 | 1       |

# Client Sample Results

Client: SCS Engineers  
Project/Site: Clinton County South 2nd 2025 GW Sampling  
Event

Job ID: 310-320142-1

Client Sample ID: MW-24

Lab Sample ID: 310-320142-11

Date Collected: 11/04/25 12:45

Matrix: Water

Date Received: 11/07/25 17:30

## 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   | <1.00  |           | 1.00  | 0.380 | ug/L |   |          | 11/11/25 17:54 | 1       |
| 1,1,1-Trichloroethane       | <1.00  |           | 1.00  | 0.420 | ug/L |   |          | 11/11/25 17:54 | 1       |
| 1,1,2,2-Tetrachloroethane   | <1.00  |           | 1.00  | 0.350 | ug/L |   |          | 11/11/25 17:54 | 1       |
| 1,1,2-Trichloroethane       | <1.00  |           | 1.00  | 0.330 | ug/L |   |          | 11/11/25 17:54 | 1       |
| 1,1-Dichloroethane          | 0.863  | J         | 1.00  | 0.400 | ug/L |   |          | 11/11/25 17:54 | 1       |
| 1,1-Dichloroethene          | <2.00  |           | 2.00  | 0.460 | ug/L |   |          | 11/11/25 17:54 | 1       |
| 1,2,3-Trichloropropane      | <1.00  |           | 1.00  | 0.430 | ug/L |   |          | 11/11/25 17:54 | 1       |
| 1,2-Dibromo-3-Chloropropane | <1.20  |           | 1.20  | 1.20  | ug/L |   |          | 11/11/25 17:54 | 1       |
| 1,2-Dibromoethane (EDB)     | <0.340 |           | 0.340 | 0.340 | ug/L |   |          | 11/11/25 17:54 | 1       |
| 1,2-Dichlorobenzene         | <1.00  |           | 1.00  | 0.370 | ug/L |   |          | 11/11/25 17:54 | 1       |
| 1,2-Dichloroethane          | <1.00  |           | 1.00  | 0.890 | ug/L |   |          | 11/11/25 17:54 | 1       |
| 1,2-Dichloropropane         | 0.479  | J         | 1.00  | 0.380 | ug/L |   |          | 11/11/25 17:54 | 1       |
| 1,4-Dichlorobenzene         | <1.00  |           | 1.00  | 0.490 | ug/L |   |          | 11/11/25 17:54 | 1       |
| 2-Butanone (MEK)            | <10.0  |           | 10.0  | 3.40  | ug/L |   |          | 11/11/25 17:54 | 1       |
| 2-Hexanone                  | <10.0  |           | 10.0  | 3.80  | ug/L |   |          | 11/11/25 17:54 | 1       |
| 4-Methyl-2-pentanone (MIBK) | <10.0  |           | 10.0  | 3.50  | ug/L |   |          | 11/11/25 17:54 | 1       |
| Acetone                     | 5.70   | J         | 10.0  | 3.80  | ug/L |   |          | 11/11/25 17:54 | 1       |
| Acrylonitrile               | <10.0  |           | 10.0  | 2.20  | ug/L |   |          | 11/11/25 17:54 | 1       |
| Benzene                     | 1.39   |           | 0.500 | 0.220 | ug/L |   |          | 11/11/25 17:54 | 1       |
| Bromochloromethane          | <5.00  |           | 5.00  | 1.70  | ug/L |   |          | 11/11/25 17:54 | 1       |
| Bromodichloromethane        | <1.00  |           | 1.00  | 0.390 | ug/L |   |          | 11/11/25 17:54 | 1       |
| Bromoform                   | <5.00  |           | 5.00  | 2.60  | ug/L |   |          | 11/11/25 17:54 | 1       |
| Bromomethane                | <4.00  |           | 4.00  | 1.10  | ug/L |   |          | 11/11/25 17:54 | 1       |
| Carbon disulfide            | <1.00  |           | 1.00  | 0.450 | ug/L |   |          | 11/11/25 17:54 | 1       |
| Carbon tetrachloride        | <2.00  |           | 2.00  | 0.650 | ug/L |   |          | 11/11/25 17:54 | 1       |
| Chlorobenzene               | <1.00  |           | 1.00  | 0.350 | ug/L |   |          | 11/11/25 17:54 | 1       |
| Chlorodibromomethane        | <5.00  |           | 5.00  | 1.50  | ug/L |   |          | 11/11/25 17:54 | 1       |
| Chloroethane                | 2.89   | J         | 4.00  | 0.900 | ug/L |   |          | 11/11/25 17:54 | 1       |
| Chloroform                  | <3.00  |           | 3.00  | 1.30  | ug/L |   |          | 11/11/25 17:54 | 1       |
| Chloromethane               | <3.00  |           | 3.00  | 0.610 | ug/L |   |          | 11/11/25 17:54 | 1       |
| cis-1,2-Dichloroethene      | <1.00  |           | 1.00  | 0.550 | ug/L |   |          | 11/11/25 17:54 | 1       |
| cis-1,3-Dichloropropene     | <5.00  |           | 5.00  | 1.20  | ug/L |   |          | 11/11/25 17:54 | 1       |
| Dibromomethane              | <1.00  |           | 1.00  | 0.330 | ug/L |   |          | 11/11/25 17:54 | 1       |
| Ethylbenzene                | <1.00  |           | 1.00  | 0.420 | ug/L |   |          | 11/11/25 17:54 | 1       |
| Iodomethane                 | <10.0  |           | 10.0  | 2.60  | ug/L |   |          | 11/11/25 17:54 | 1       |
| Methylene Chloride          | <5.00  |           | 5.00  | 1.70  | ug/L |   |          | 11/11/25 17:54 | 1       |
| Styrene                     | <1.00  |           | 1.00  | 0.370 | ug/L |   |          | 11/11/25 17:54 | 1       |
| Tetrachloroethene           | <1.00  |           | 1.00  | 0.480 | ug/L |   |          | 11/11/25 17:54 | 1       |
| Toluene                     | <1.00  |           | 1.00  | 0.430 | ug/L |   |          | 11/11/25 17:54 | 1       |
| trans-1,2-Dichloroethene    | <1.00  |           | 1.00  | 0.410 | ug/L |   |          | 11/11/25 17:54 | 1       |
| trans-1,3-Dichloropropene   | <5.00  |           | 5.00  | 2.30  | ug/L |   |          | 11/11/25 17:54 | 1       |
| trans-1,4-Dichloro-2-butene | <10.0  |           | 10.0  | 2.40  | ug/L |   |          | 11/11/25 17:54 | 1       |
| Trichloroethene             | <1.00  |           | 1.00  | 0.350 | ug/L |   |          | 11/11/25 17:54 | 1       |
| Trichlorofluoromethane      | <4.00  |           | 4.00  | 0.470 | ug/L |   |          | 11/11/25 17:54 | 1       |
| Vinyl acetate               | <10.0  |           | 10.0  | 7.10  | ug/L |   |          | 11/11/25 17:54 | 1       |
| Vinyl chloride              | <1.00  |           | 1.00  | 0.430 | ug/L |   |          | 11/11/25 17:54 | 1       |
| Xylenes, Total              | <3.00  |           | 3.00  | 1.10  | ug/L |   |          | 11/11/25 17:54 | 1       |

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# Client Sample Results

Client: SCS Engineers  
Project/Site: Clinton County South 2nd 2025 GW Sampling  
Event

Job ID: 310-320142-1

Client Sample ID: MW-24

Lab Sample ID: 310-320142-11

Date Collected: 11/04/25 12:45

Matrix: Water

Date Received: 11/07/25 17:30

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------|----------------|---------|
| Dibromofluoromethane (Surr) | 112       |           | 76 - 130 |          | 11/11/25 17:54 | 1       |
| Toluene-d8 (Surr)           | 97        |           | 80 - 120 |          | 11/11/25 17:54 | 1       |
| 4-Bromofluorobenzene (Surr) | 109       |           | 80 - 120 |          | 11/11/25 17:54 | 1       |

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

| Analyte   | Result    | Qualifier | RL       | MDL      | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------|-----------|-----------|----------|----------|------|---|----------------|----------------|---------|
| Antimony  | <0.00200  | ^1+       | 0.00200  | 0.00100  | mg/L |   | 11/12/25 09:00 | 11/12/25 19:18 | 1       |
| Arsenic   | 0.00719   |           | 0.00200  | 0.000530 | mg/L |   | 11/12/25 09:00 | 11/12/25 19:18 | 1       |
| Barium    | 0.489     |           | 0.00200  | 0.000660 | mg/L |   | 11/12/25 09:00 | 11/12/25 19:18 | 1       |
| Beryllium | <0.00100  |           | 0.00100  | 0.000330 | mg/L |   | 11/12/25 09:00 | 11/12/25 19:18 | 1       |
| Cadmium   | <0.000200 |           | 0.000200 | 0.000100 | mg/L |   | 11/12/25 09:00 | 11/12/25 19:18 | 1       |
| Chromium  | <0.00500  |           | 0.00500  | 0.00180  | mg/L |   | 11/12/25 09:00 | 11/12/25 19:18 | 1       |
| Cobalt    | 0.00462   |           | 0.000500 | 0.000170 | mg/L |   | 11/12/25 09:00 | 11/12/25 19:18 | 1       |
| Copper    | <0.00500  |           | 0.00500  | 0.00320  | mg/L |   | 11/12/25 09:00 | 11/12/25 19:18 | 1       |
| Lead      | <0.000500 |           | 0.000500 | 0.000330 | mg/L |   | 11/12/25 09:00 | 11/12/25 19:18 | 1       |
| Nickel    | 0.00544   |           | 0.00500  | 0.00230  | mg/L |   | 11/12/25 09:00 | 11/12/25 19:18 | 1       |
| Selenium  | <0.00500  |           | 0.00500  | 0.00140  | mg/L |   | 11/12/25 09:00 | 11/12/25 19:18 | 1       |
| Silver    | <0.00100  |           | 0.00100  | 0.000500 | mg/L |   | 11/12/25 09:00 | 11/12/25 19:18 | 1       |
| Thallium  | <0.00100  |           | 0.00100  | 0.000570 | mg/L |   | 11/12/25 09:00 | 11/12/25 19:18 | 1       |
| Vanadium  | <0.00500  |           | 0.00500  | 0.00170  | mg/L |   | 11/12/25 09:00 | 11/12/25 19:18 | 1       |
| Zinc      | <0.0200   |           | 0.0200   | 0.0130   | mg/L |   | 11/12/25 09:00 | 11/12/25 19:18 | 1       |

## General Chemistry

| Analyte                                 | Result | Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------------------|--------|-----------|------|------|------|---|----------|----------------|---------|
| Total Suspended Solids (USGS I-3765-85) | 72.0   |           | 15.0 | 10.5 | mg/L |   |          | 11/10/25 11:29 | 1       |



# Client Sample Results

Client: SCS Engineers  
Project/Site: Clinton County South 2nd 2025 GW Sampling  
Event

Job ID: 310-320142-1

Client Sample ID: MW-32

Lab Sample ID: 310-320142-12

Date Collected: 11/07/25 07:31

Matrix: Water

Date Received: 11/07/25 17:30

## 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   | <1.00        |           | 1.00  | 0.380 | ug/L |   |          | 11/12/25 01:42 | 1       |
| 1,1,1-Trichloroethane       | <1.00        |           | 1.00  | 0.420 | ug/L |   |          | 11/12/25 01:42 | 1       |
| 1,1,2,2-Tetrachloroethane   | <1.00        |           | 1.00  | 0.350 | ug/L |   |          | 11/12/25 01:42 | 1       |
| 1,1,2-Trichloroethane       | <1.00        |           | 1.00  | 0.330 | ug/L |   |          | 11/12/25 01:42 | 1       |
| 1,1-Dichloroethane          | <1.00        |           | 1.00  | 0.400 | ug/L |   |          | 11/12/25 01:42 | 1       |
| 1,1-Dichloroethene          | <2.00        |           | 2.00  | 0.460 | ug/L |   |          | 11/12/25 01:42 | 1       |
| 1,2,3-Trichloropropane      | <1.00        |           | 1.00  | 0.430 | ug/L |   |          | 11/12/25 01:42 | 1       |
| 1,2-Dibromo-3-Chloropropane | <1.20        |           | 1.20  | 1.20  | ug/L |   |          | 11/12/25 01:42 | 1       |
| 1,2-Dibromoethane (EDB)     | <0.340       |           | 0.340 | 0.340 | ug/L |   |          | 11/12/25 01:42 | 1       |
| 1,2-Dichlorobenzene         | <1.00        |           | 1.00  | 0.370 | ug/L |   |          | 11/12/25 01:42 | 1       |
| 1,2-Dichloroethane          | <1.00        |           | 1.00  | 0.890 | ug/L |   |          | 11/12/25 01:42 | 1       |
| 1,2-Dichloropropane         | <1.00        |           | 1.00  | 0.380 | ug/L |   |          | 11/12/25 01:42 | 1       |
| <b>1,4-Dichlorobenzene</b>  | <b>0.500</b> | <b>J</b>  | 1.00  | 0.490 | ug/L |   |          | 11/12/25 01:42 | 1       |
| 2-Butanone (MEK)            | <10.0        |           | 10.0  | 3.40  | ug/L |   |          | 11/12/25 01:42 | 1       |
| 2-Hexanone                  | <10.0        |           | 10.0  | 3.80  | ug/L |   |          | 11/12/25 16:50 | 1       |
| 4-Methyl-2-pentanone (MIBK) | <10.0        |           | 10.0  | 3.50  | ug/L |   |          | 11/12/25 01:42 | 1       |
| Acetone                     | <10.0        |           | 10.0  | 3.80  | ug/L |   |          | 11/12/25 01:42 | 1       |
| Acrylonitrile               | <10.0        |           | 10.0  | 2.20  | ug/L |   |          | 11/12/25 01:42 | 1       |
| <b>Benzene</b>              | <b>2.00</b>  |           | 0.500 | 0.220 | ug/L |   |          | 11/12/25 01:42 | 1       |
| Bromochloromethane          | <5.00        |           | 5.00  | 1.70  | ug/L |   |          | 11/12/25 01:42 | 1       |
| Bromodichloromethane        | <1.00        |           | 1.00  | 0.390 | ug/L |   |          | 11/12/25 01:42 | 1       |
| Bromoform                   | <5.00        |           | 5.00  | 2.60  | ug/L |   |          | 11/12/25 01:42 | 1       |
| Bromomethane                | <4.00        |           | 4.00  | 1.10  | ug/L |   |          | 11/12/25 01:42 | 1       |
| Carbon disulfide            | <1.00        |           | 1.00  | 0.450 | ug/L |   |          | 11/12/25 01:42 | 1       |
| Carbon tetrachloride        | <2.00        |           | 2.00  | 0.650 | ug/L |   |          | 11/12/25 01:42 | 1       |
| <b>Chlorobenzene</b>        | <b>1.03</b>  |           | 1.00  | 0.350 | ug/L |   |          | 11/12/25 01:42 | 1       |
| Chlorodibromomethane        | <5.00        |           | 5.00  | 1.50  | ug/L |   |          | 11/12/25 01:42 | 1       |
| Chloroethane                | <4.00        |           | 4.00  | 0.900 | ug/L |   |          | 11/12/25 01:42 | 1       |
| Chloroform                  | <3.00        |           | 3.00  | 1.30  | ug/L |   |          | 11/12/25 01:42 | 1       |
| Chloromethane               | <3.00        |           | 3.00  | 0.610 | ug/L |   |          | 11/12/25 01:42 | 1       |
| cis-1,2-Dichloroethene      | <1.00        |           | 1.00  | 0.550 | ug/L |   |          | 11/12/25 01:42 | 1       |
| cis-1,3-Dichloropropene     | <5.00        |           | 5.00  | 1.20  | ug/L |   |          | 11/12/25 01:42 | 1       |
| Dibromomethane              | <1.00        |           | 1.00  | 0.330 | ug/L |   |          | 11/12/25 01:42 | 1       |
| <b>Ethylbenzene</b>         | <b>0.858</b> | <b>J</b>  | 1.00  | 0.420 | ug/L |   |          | 11/12/25 01:42 | 1       |
| Iodomethane                 | <10.0        |           | 10.0  | 2.60  | ug/L |   |          | 11/12/25 01:42 | 1       |
| Methylene Chloride          | <5.00        |           | 5.00  | 1.70  | ug/L |   |          | 11/12/25 01:42 | 1       |
| Styrene                     | <1.00        |           | 1.00  | 0.370 | ug/L |   |          | 11/12/25 01:42 | 1       |
| Tetrachloroethene           | <1.00        |           | 1.00  | 0.480 | ug/L |   |          | 11/12/25 01:42 | 1       |
| <b>Toluene</b>              | <b>0.611</b> | <b>J</b>  | 1.00  | 0.430 | ug/L |   |          | 11/12/25 01:42 | 1       |
| trans-1,2-Dichloroethene    | <1.00        |           | 1.00  | 0.410 | ug/L |   |          | 11/12/25 01:42 | 1       |
| trans-1,3-Dichloropropene   | <5.00        |           | 5.00  | 2.30  | ug/L |   |          | 11/12/25 01:42 | 1       |
| trans-1,4-Dichloro-2-butene | <10.0        |           | 10.0  | 2.40  | ug/L |   |          | 11/12/25 01:42 | 1       |
| Trichloroethene             | <1.00        |           | 1.00  | 0.350 | ug/L |   |          | 11/12/25 01:42 | 1       |
| Trichlorofluoromethane      | <4.00        |           | 4.00  | 0.470 | ug/L |   |          | 11/12/25 01:42 | 1       |
| Vinyl acetate               | <10.0        |           | 10.0  | 7.10  | ug/L |   |          | 11/12/25 01:42 | 1       |
| Vinyl chloride              | <1.00        |           | 1.00  | 0.430 | ug/L |   |          | 11/12/25 01:42 | 1       |
| <b>Xylenes, Total</b>       | <b>2.08</b>  | <b>J</b>  | 3.00  | 1.10  | ug/L |   |          | 11/12/25 01:42 | 1       |

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# Client Sample Results

Client: SCS Engineers  
Project/Site: Clinton County South 2nd 2025 GW Sampling  
Event

Job ID: 310-320142-1

Client Sample ID: MW-32

Lab Sample ID: 310-320142-12

Date Collected: 11/07/25 07:31

Matrix: Water

Date Received: 11/07/25 17:30

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------|----------------|---------|
| Dibromofluoromethane (Surr) | 97        |           | 76 - 130 |          | 11/12/25 01:42 | 1       |
| Dibromofluoromethane (Surr) | 99        |           | 76 - 130 |          | 11/12/25 16:50 | 1       |
| Toluene-d8 (Surr)           | 94        |           | 80 - 120 |          | 11/12/25 01:42 | 1       |
| Toluene-d8 (Surr)           | 103       |           | 80 - 120 |          | 11/12/25 16:50 | 1       |
| 4-Bromofluorobenzene (Surr) | 102       |           | 80 - 120 |          | 11/12/25 01:42 | 1       |
| 4-Bromofluorobenzene (Surr) | 107       |           | 80 - 120 |          | 11/12/25 16:50 | 1       |

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

| Analyte   | Result    | Qualifier | RL       | MDL      | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------|-----------|-----------|----------|----------|------|---|----------------|----------------|---------|
| Antimony  | <0.00200  |           | 0.00200  | 0.00100  | mg/L |   | 11/12/25 09:00 | 11/13/25 15:16 | 1       |
| Arsenic   | 0.0153    |           | 0.00200  | 0.000530 | mg/L |   | 11/12/25 09:00 | 11/12/25 19:26 | 1       |
| Barium    | 0.151     |           | 0.00200  | 0.000660 | mg/L |   | 11/12/25 09:00 | 11/12/25 19:26 | 1       |
| Beryllium | <0.00100  |           | 0.00100  | 0.000330 | mg/L |   | 11/12/25 09:00 | 11/12/25 19:26 | 1       |
| Cadmium   | <0.000200 |           | 0.000200 | 0.000100 | mg/L |   | 11/12/25 09:00 | 11/12/25 19:26 | 1       |
| Chromium  | 0.00868   |           | 0.00500  | 0.00180  | mg/L |   | 11/12/25 09:00 | 11/12/25 19:26 | 1       |
| Cobalt    | 0.0117    |           | 0.000500 | 0.000170 | mg/L |   | 11/12/25 09:00 | 11/12/25 19:26 | 1       |
| Copper    | <0.00500  |           | 0.00500  | 0.00320  | mg/L |   | 11/12/25 09:00 | 11/12/25 19:26 | 1       |
| Lead      | 0.000667  |           | 0.000500 | 0.000330 | mg/L |   | 11/12/25 09:00 | 11/13/25 15:16 | 1       |
| Nickel    | 0.00733   |           | 0.00500  | 0.00230  | mg/L |   | 11/12/25 09:00 | 11/12/25 19:26 | 1       |
| Selenium  | <0.00500  |           | 0.00500  | 0.00140  | mg/L |   | 11/12/25 09:00 | 11/12/25 19:26 | 1       |
| Silver    | <0.00100  |           | 0.00100  | 0.000500 | mg/L |   | 11/12/25 09:00 | 11/12/25 19:26 | 1       |
| Thallium  | <0.00100  |           | 0.00100  | 0.000570 | mg/L |   | 11/12/25 09:00 | 11/12/25 19:26 | 1       |
| Vanadium  | 0.00187 J |           | 0.00500  | 0.00170  | mg/L |   | 11/12/25 09:00 | 11/12/25 19:26 | 1       |
| Zinc      | <0.0200   |           | 0.0200   | 0.0130   | mg/L |   | 11/12/25 09:00 | 11/12/25 19:26 | 1       |

## General Chemistry

| Analyte                                 | Result | Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------------------|--------|-----------|------|------|------|---|----------|----------------|---------|
| Total Suspended Solids (USGS I-3765-85) | 69.0   |           | 15.0 | 10.5 | mg/L |   |          | 11/11/25 09:56 | 1       |

# Client Sample Results

Client: SCS Engineers  
Project/Site: Clinton County South 2nd 2025 GW Sampling  
Event

Job ID: 310-320142-1

Client Sample ID: MW-33

Lab Sample ID: 310-320142-13

Date Collected: 11/05/25 12:08

Matrix: Water

Date Received: 11/07/25 17:30

## 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   | <1.00  |           | 1.00  | 0.380 | ug/L |   |          | 11/12/25 02:04 | 1       |
| 1,1,1-Trichloroethane       | <1.00  |           | 1.00  | 0.420 | ug/L |   |          | 11/12/25 02:04 | 1       |
| 1,1,2,2-Tetrachloroethane   | <1.00  |           | 1.00  | 0.350 | ug/L |   |          | 11/12/25 02:04 | 1       |
| 1,1,2-Trichloroethane       | <1.00  |           | 1.00  | 0.330 | ug/L |   |          | 11/12/25 02:04 | 1       |
| 1,1-Dichloroethane          | <1.00  |           | 1.00  | 0.400 | ug/L |   |          | 11/12/25 02:04 | 1       |
| 1,1-Dichloroethene          | <2.00  |           | 2.00  | 0.460 | ug/L |   |          | 11/12/25 02:04 | 1       |
| 1,2,3-Trichloropropane      | <1.00  |           | 1.00  | 0.430 | ug/L |   |          | 11/12/25 02:04 | 1       |
| 1,2-Dibromo-3-Chloropropane | <1.20  |           | 1.20  | 1.20  | ug/L |   |          | 11/12/25 02:04 | 1       |
| 1,2-Dibromoethane (EDB)     | <0.340 |           | 0.340 | 0.340 | ug/L |   |          | 11/12/25 02:04 | 1       |
| 1,2-Dichlorobenzene         | <1.00  |           | 1.00  | 0.370 | ug/L |   |          | 11/12/25 02:04 | 1       |
| 1,2-Dichloroethane          | <1.00  |           | 1.00  | 0.890 | ug/L |   |          | 11/12/25 02:04 | 1       |
| 1,2-Dichloropropane         | <1.00  |           | 1.00  | 0.380 | ug/L |   |          | 11/12/25 02:04 | 1       |
| 1,4-Dichlorobenzene         | <1.00  |           | 1.00  | 0.490 | ug/L |   |          | 11/12/25 02:04 | 1       |
| 2-Butanone (MEK)            | <10.0  |           | 10.0  | 3.40  | ug/L |   |          | 11/12/25 02:04 | 1       |
| 2-Hexanone                  | <10.0  |           | 10.0  | 3.80  | ug/L |   |          | 11/12/25 17:13 | 1       |
| 4-Methyl-2-pentanone (MIBK) | <10.0  |           | 10.0  | 3.50  | ug/L |   |          | 11/12/25 02:04 | 1       |
| Acetone                     | <10.0  |           | 10.0  | 3.80  | ug/L |   |          | 11/12/25 02:04 | 1       |
| Acrylonitrile               | <10.0  |           | 10.0  | 2.20  | ug/L |   |          | 11/12/25 02:04 | 1       |
| Benzene                     | <0.500 |           | 0.500 | 0.220 | ug/L |   |          | 11/12/25 02:04 | 1       |
| Bromochloromethane          | <5.00  |           | 5.00  | 1.70  | ug/L |   |          | 11/12/25 02:04 | 1       |
| Bromodichloromethane        | <1.00  |           | 1.00  | 0.390 | ug/L |   |          | 11/12/25 02:04 | 1       |
| Bromoform                   | <5.00  |           | 5.00  | 2.60  | ug/L |   |          | 11/12/25 02:04 | 1       |
| Bromomethane                | <4.00  |           | 4.00  | 1.10  | ug/L |   |          | 11/12/25 02:04 | 1       |
| Carbon disulfide            | <1.00  |           | 1.00  | 0.450 | ug/L |   |          | 11/12/25 02:04 | 1       |
| Carbon tetrachloride        | <2.00  |           | 2.00  | 0.650 | ug/L |   |          | 11/12/25 02:04 | 1       |
| Chlorobenzene               | <1.00  |           | 1.00  | 0.350 | ug/L |   |          | 11/12/25 02:04 | 1       |
| Chlorodibromomethane        | <5.00  |           | 5.00  | 1.50  | ug/L |   |          | 11/12/25 02:04 | 1       |
| Chloroethane                | <4.00  |           | 4.00  | 0.900 | ug/L |   |          | 11/12/25 02:04 | 1       |
| Chloroform                  | <3.00  |           | 3.00  | 1.30  | ug/L |   |          | 11/12/25 02:04 | 1       |
| Chloromethane               | <3.00  |           | 3.00  | 0.610 | ug/L |   |          | 11/12/25 02:04 | 1       |
| cis-1,2-Dichloroethene      | <1.00  |           | 1.00  | 0.550 | ug/L |   |          | 11/12/25 02:04 | 1       |
| cis-1,3-Dichloropropene     | <5.00  |           | 5.00  | 1.20  | ug/L |   |          | 11/12/25 02:04 | 1       |
| Dibromomethane              | <1.00  |           | 1.00  | 0.330 | ug/L |   |          | 11/12/25 02:04 | 1       |
| Ethylbenzene                | <1.00  |           | 1.00  | 0.420 | ug/L |   |          | 11/12/25 02:04 | 1       |
| Iodomethane                 | <10.0  |           | 10.0  | 2.60  | ug/L |   |          | 11/12/25 02:04 | 1       |
| Methylene Chloride          | <5.00  |           | 5.00  | 1.70  | ug/L |   |          | 11/12/25 02:04 | 1       |
| Styrene                     | <1.00  |           | 1.00  | 0.370 | ug/L |   |          | 11/12/25 02:04 | 1       |
| Tetrachloroethene           | <1.00  |           | 1.00  | 0.480 | ug/L |   |          | 11/12/25 02:04 | 1       |
| Toluene                     | <1.00  |           | 1.00  | 0.430 | ug/L |   |          | 11/12/25 02:04 | 1       |
| trans-1,2-Dichloroethene    | <1.00  |           | 1.00  | 0.410 | ug/L |   |          | 11/12/25 02:04 | 1       |
| trans-1,3-Dichloropropene   | <5.00  |           | 5.00  | 2.30  | ug/L |   |          | 11/12/25 02:04 | 1       |
| trans-1,4-Dichloro-2-butene | <10.0  |           | 10.0  | 2.40  | ug/L |   |          | 11/12/25 02:04 | 1       |
| Trichloroethene             | <1.00  |           | 1.00  | 0.350 | ug/L |   |          | 11/12/25 02:04 | 1       |
| Trichlorofluoromethane      | <4.00  |           | 4.00  | 0.470 | ug/L |   |          | 11/12/25 02:04 | 1       |
| Vinyl acetate               | <10.0  |           | 10.0  | 7.10  | ug/L |   |          | 11/12/25 02:04 | 1       |
| Vinyl chloride              | <1.00  |           | 1.00  | 0.430 | ug/L |   |          | 11/12/25 02:04 | 1       |
| Xylenes, Total              | <3.00  |           | 3.00  | 1.10  | ug/L |   |          | 11/12/25 02:04 | 1       |

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# Client Sample Results

Client: SCS Engineers  
Project/Site: Clinton County South 2nd 2025 GW Sampling  
Event

Job ID: 310-320142-1

Client Sample ID: MW-33

Lab Sample ID: 310-320142-13

Date Collected: 11/05/25 12:08

Matrix: Water

Date Received: 11/07/25 17:30

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------|----------------|---------|
| Dibromofluoromethane (Surr) | 98        |           | 76 - 130 |          | 11/12/25 02:04 | 1       |
| Dibromofluoromethane (Surr) | 102       |           | 76 - 130 |          | 11/12/25 17:13 | 1       |
| Toluene-d8 (Surr)           | 94        |           | 80 - 120 |          | 11/12/25 02:04 | 1       |
| Toluene-d8 (Surr)           | 102       |           | 80 - 120 |          | 11/12/25 17:13 | 1       |
| 4-Bromofluorobenzene (Surr) | 102       |           | 80 - 120 |          | 11/12/25 02:04 | 1       |
| 4-Bromofluorobenzene (Surr) | 107       |           | 80 - 120 |          | 11/12/25 17:13 | 1       |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

| Analyte                     | Result    | Qualifier | RL       | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|-------|------|---|----------------|----------------|---------|
| Methylphenol, 3 & 4         | <10.4     |           | 10.4     | 0.729 | ug/L |   | 11/11/25 10:43 | 11/18/25 15:36 | 1       |
| Surrogate                   | %Recovery | Qualifier | Limits   |       |      |   | Prepared       | Analyzed       | Dil Fac |
| 2-Fluorophenol (Surr)       | 72        |           | 21 - 110 |       |      |   | 11/11/25 10:43 | 11/18/25 15:36 | 1       |
| Phenol-d5 (Surr)            | 62        |           | 21 - 110 |       |      |   | 11/11/25 10:43 | 11/18/25 15:36 | 1       |
| 2,4,6-Tribromophenol (Surr) | 111       |           | 20 - 144 |       |      |   | 11/11/25 10:43 | 11/18/25 15:36 | 1       |

## Method: SW846 8151A - Herbicides (GC)

| Analyte   | Result    | Qualifier | RL       | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------|-----------|-----------|----------|-------|------|---|----------------|----------------|---------|
| 2,4-D     | <0.615    |           | 0.615    | 0.256 | ug/L |   | 11/12/25 20:09 | 11/13/25 21:39 | 1       |
|           |           |           |          |       |      |   |                |                |         |
| Surrogate | %Recovery | Qualifier | Limits   |       |      |   | Prepared       | Analyzed       | Dil Fac |
| DCAA      | 94        |           | 34 - 142 |       |      |   | 11/12/25 20:09 | 11/13/25 21:39 | 1       |
| DCAA      | 77        |           | 34 - 142 |       |      |   | 11/12/25 20:09 | 11/13/25 21:39 | 1       |

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

| Analyte   | Result    | Qualifier | RL       | MDL      | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------|-----------|-----------|----------|----------|------|---|----------------|----------------|---------|
| Antimony  | <0.00200  | ^1+       | 0.00200  | 0.00100  | mg/L |   | 11/12/25 09:00 | 11/12/25 19:29 | 1       |
| Arsenic   | 0.00376   |           | 0.00200  | 0.000530 | mg/L |   | 11/12/25 09:00 | 11/12/25 19:29 | 1       |
| Barium    | 0.190     |           | 0.00200  | 0.000660 | mg/L |   | 11/12/25 09:00 | 11/12/25 19:29 | 1       |
| Beryllium | <0.00100  |           | 0.00100  | 0.000330 | mg/L |   | 11/12/25 09:00 | 11/12/25 19:29 | 1       |
| Cadmium   | <0.000200 |           | 0.000200 | 0.000100 | mg/L |   | 11/12/25 09:00 | 11/12/25 19:29 | 1       |
| Chromium  | <0.00500  |           | 0.00500  | 0.00180  | mg/L |   | 11/12/25 09:00 | 11/12/25 19:29 | 1       |
| Cobalt    | 0.00262   |           | 0.000500 | 0.000170 | mg/L |   | 11/12/25 09:00 | 11/12/25 19:29 | 1       |
| Copper    | <0.00500  |           | 0.00500  | 0.00320  | mg/L |   | 11/12/25 09:00 | 11/12/25 19:29 | 1       |
| Lead      | <0.000500 |           | 0.000500 | 0.000330 | mg/L |   | 11/12/25 09:00 | 11/12/25 19:29 | 1       |
| Nickel    | 0.00293   | J         | 0.00500  | 0.00230  | mg/L |   | 11/12/25 09:00 | 11/12/25 19:29 | 1       |
| Selenium  | <0.00500  |           | 0.00500  | 0.00140  | mg/L |   | 11/12/25 09:00 | 11/12/25 19:29 | 1       |
| Silver    | <0.00100  |           | 0.00100  | 0.000500 | mg/L |   | 11/12/25 09:00 | 11/12/25 19:29 | 1       |
| Thallium  | <0.00100  |           | 0.00100  | 0.000570 | mg/L |   | 11/12/25 09:00 | 11/12/25 19:29 | 1       |
| Vanadium  | <0.00500  |           | 0.00500  | 0.00170  | mg/L |   | 11/12/25 09:00 | 11/12/25 19:29 | 1       |
| Zinc      | <0.0200   |           | 0.0200   | 0.0130   | mg/L |   | 11/12/25 09:00 | 11/12/25 19:29 | 1       |

## General Chemistry

| Analyte                                 | Result | Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------------------|--------|-----------|------|------|------|---|----------|----------------|---------|
| Total Suspended Solids (USGS I-3765-85) | 19.0   |           | 5.00 | 3.50 | mg/L |   |          | 11/10/25 11:29 | 1       |

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## Client Sample Results

Client: SCS Engineers

Job ID: 310-320142-1

Project/Site: Clinton County South 2nd 2025 GW Sampling

Event

**Client Sample ID: MW-90-18**

**Lab Sample ID: 310-320142-14**

**Date Collected: 11/07/25 09:22**

**Matrix: Water**

**Date Received: 11/07/25 17:30**

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

| Analyte                     | Result    | Qualifier | RL       | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|-------|------|---|----------|----------------|---------|
| Vinyl chloride              | <1.00     |           | 1.00     | 0.430 | ug/L |   |          | 11/12/25 05:47 | 1       |
| Surrogate                   | %Recovery | Qualifier | Limits   |       |      |   | Prepared | Analyzed       | Dil Fac |
| Dibromofluoromethane (Surr) | 96        |           | 76 - 130 |       |      |   |          | 11/12/25 05:47 | 1       |
| Toluene-d8 (Surr)           | 95        |           | 80 - 120 |       |      |   |          | 11/12/25 05:47 | 1       |
| 4-Bromofluorobenzene (Surr) | 101       |           | 80 - 120 |       |      |   |          | 11/12/25 05:47 | 1       |

# Client Sample Results

Client: SCS Engineers  
Project/Site: Clinton County South 2nd 2025 GW Sampling  
Event

Job ID: 310-320142-1

Client Sample ID: MW-D1

Lab Sample ID: 310-320142-15

Date Collected: 11/04/25 15:18

Matrix: Water

Date Received: 11/07/25 17:30

## 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   | <1.00  |           | 1.00  | 0.380 | ug/L |   |          | 11/11/25 18:17 | 1       |
| 1,1,1-Trichloroethane       | <1.00  |           | 1.00  | 0.420 | ug/L |   |          | 11/11/25 18:17 | 1       |
| 1,1,2,2-Tetrachloroethane   | <1.00  |           | 1.00  | 0.350 | ug/L |   |          | 11/11/25 18:17 | 1       |
| 1,1,2-Trichloroethane       | <1.00  |           | 1.00  | 0.330 | ug/L |   |          | 11/11/25 18:17 | 1       |
| 1,1-Dichloroethane          | <1.00  |           | 1.00  | 0.400 | ug/L |   |          | 11/11/25 18:17 | 1       |
| 1,1-Dichloroethene          | <2.00  |           | 2.00  | 0.460 | ug/L |   |          | 11/11/25 18:17 | 1       |
| 1,2,3-Trichloropropane      | <1.00  |           | 1.00  | 0.430 | ug/L |   |          | 11/11/25 18:17 | 1       |
| 1,2-Dibromo-3-Chloropropane | <1.20  |           | 1.20  | 1.20  | ug/L |   |          | 11/11/25 18:17 | 1       |
| 1,2-Dibromoethane (EDB)     | <0.340 |           | 0.340 | 0.340 | ug/L |   |          | 11/11/25 18:17 | 1       |
| 1,2-Dichlorobenzene         | <1.00  |           | 1.00  | 0.370 | ug/L |   |          | 11/11/25 18:17 | 1       |
| 1,2-Dichloroethane          | <1.00  |           | 1.00  | 0.890 | ug/L |   |          | 11/11/25 18:17 | 1       |
| 1,2-Dichloropropane         | <1.00  |           | 1.00  | 0.380 | ug/L |   |          | 11/11/25 18:17 | 1       |
| 1,4-Dichlorobenzene         | <1.00  |           | 1.00  | 0.490 | ug/L |   |          | 11/11/25 18:17 | 1       |
| 2-Butanone (MEK)            | <10.0  |           | 10.0  | 3.40  | ug/L |   |          | 11/11/25 18:17 | 1       |
| 2-Hexanone                  | <10.0  |           | 10.0  | 3.80  | ug/L |   |          | 11/11/25 18:17 | 1       |
| 4-Methyl-2-pentanone (MIBK) | <10.0  |           | 10.0  | 3.50  | ug/L |   |          | 11/11/25 18:17 | 1       |
| Acetone                     | <10.0  |           | 10.0  | 3.80  | ug/L |   |          | 11/11/25 18:17 | 1       |
| Acrylonitrile               | <10.0  |           | 10.0  | 2.20  | ug/L |   |          | 11/11/25 18:17 | 1       |
| Benzene                     | <0.500 |           | 0.500 | 0.220 | ug/L |   |          | 11/11/25 18:17 | 1       |
| Bromochloromethane          | <5.00  |           | 5.00  | 1.70  | ug/L |   |          | 11/11/25 18:17 | 1       |
| Bromodichloromethane        | <1.00  |           | 1.00  | 0.390 | ug/L |   |          | 11/11/25 18:17 | 1       |
| Bromoform                   | <5.00  |           | 5.00  | 2.60  | ug/L |   |          | 11/11/25 18:17 | 1       |
| Bromomethane                | <4.00  |           | 4.00  | 1.10  | ug/L |   |          | 11/11/25 18:17 | 1       |
| Carbon disulfide            | <1.00  |           | 1.00  | 0.450 | ug/L |   |          | 11/11/25 18:17 | 1       |
| Carbon tetrachloride        | <2.00  |           | 2.00  | 0.650 | ug/L |   |          | 11/11/25 18:17 | 1       |
| Chlorobenzene               | <1.00  |           | 1.00  | 0.350 | ug/L |   |          | 11/11/25 18:17 | 1       |
| Chlorodibromomethane        | <5.00  |           | 5.00  | 1.50  | ug/L |   |          | 11/11/25 18:17 | 1       |
| Chloroethane                | <4.00  |           | 4.00  | 0.900 | ug/L |   |          | 11/11/25 18:17 | 1       |
| Chloroform                  | <3.00  |           | 3.00  | 1.30  | ug/L |   |          | 11/11/25 18:17 | 1       |
| Chloromethane               | <3.00  |           | 3.00  | 0.610 | ug/L |   |          | 11/11/25 18:17 | 1       |
| cis-1,2-Dichloroethene      | <1.00  |           | 1.00  | 0.550 | ug/L |   |          | 11/11/25 18:17 | 1       |
| cis-1,3-Dichloropropene     | <5.00  |           | 5.00  | 1.20  | ug/L |   |          | 11/11/25 18:17 | 1       |
| Dibromomethane              | <1.00  |           | 1.00  | 0.330 | ug/L |   |          | 11/11/25 18:17 | 1       |
| Ethylbenzene                | <1.00  |           | 1.00  | 0.420 | ug/L |   |          | 11/11/25 18:17 | 1       |
| Iodomethane                 | <10.0  |           | 10.0  | 2.60  | ug/L |   |          | 11/11/25 18:17 | 1       |
| Methylene Chloride          | <5.00  |           | 5.00  | 1.70  | ug/L |   |          | 11/11/25 18:17 | 1       |
| Styrene                     | <1.00  |           | 1.00  | 0.370 | ug/L |   |          | 11/11/25 18:17 | 1       |
| Tetrachloroethene           | <1.00  |           | 1.00  | 0.480 | ug/L |   |          | 11/11/25 18:17 | 1       |
| Toluene                     | <1.00  |           | 1.00  | 0.430 | ug/L |   |          | 11/11/25 18:17 | 1       |
| trans-1,2-Dichloroethene    | <1.00  |           | 1.00  | 0.410 | ug/L |   |          | 11/11/25 18:17 | 1       |
| trans-1,3-Dichloropropene   | <5.00  |           | 5.00  | 2.30  | ug/L |   |          | 11/11/25 18:17 | 1       |
| trans-1,4-Dichloro-2-butene | <10.0  |           | 10.0  | 2.40  | ug/L |   |          | 11/11/25 18:17 | 1       |
| Trichloroethene             | <1.00  |           | 1.00  | 0.350 | ug/L |   |          | 11/11/25 18:17 | 1       |
| Trichlorofluoromethane      | <4.00  |           | 4.00  | 0.470 | ug/L |   |          | 11/11/25 18:17 | 1       |
| Vinyl acetate               | <10.0  |           | 10.0  | 7.10  | ug/L |   |          | 11/11/25 18:17 | 1       |
| Vinyl chloride              | <1.00  |           | 1.00  | 0.430 | ug/L |   |          | 11/11/25 18:17 | 1       |
| Xylenes, Total              | <3.00  |           | 3.00  | 1.10  | ug/L |   |          | 11/11/25 18:17 | 1       |

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# Client Sample Results

Client: SCS Engineers  
Project/Site: Clinton County South 2nd 2025 GW Sampling  
Event

Job ID: 310-320142-1

Client Sample ID: MW-D1

Lab Sample ID: 310-320142-15

Date Collected: 11/04/25 15:18

Matrix: Water

Date Received: 11/07/25 17:30

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------|----------------|---------|
| Dibromofluoromethane (Surr) | 108       |           | 76 - 130 |          | 11/11/25 18:17 | 1       |
| Toluene-d8 (Surr)           | 98        |           | 80 - 120 |          | 11/11/25 18:17 | 1       |
| 4-Bromofluorobenzene (Surr) | 104       |           | 80 - 120 |          | 11/11/25 18:17 | 1       |

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

| Analyte   | Result    | Qualifier | RL       | MDL      | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------|-----------|-----------|----------|----------|------|---|----------------|----------------|---------|
| Antimony  | <0.00200  | ^1+       | 0.00200  | 0.00100  | mg/L |   | 11/12/25 09:00 | 11/12/25 19:32 | 1       |
| Arsenic   | 0.000647  | J         | 0.00200  | 0.000530 | mg/L |   | 11/12/25 09:00 | 11/12/25 19:32 | 1       |
| Barium    | 0.158     |           | 0.00200  | 0.000660 | mg/L |   | 11/12/25 09:00 | 11/12/25 19:32 | 1       |
| Beryllium | <0.00100  |           | 0.00100  | 0.000330 | mg/L |   | 11/12/25 09:00 | 11/12/25 19:32 | 1       |
| Cadmium   | 0.000120  | J         | 0.000200 | 0.000100 | mg/L |   | 11/12/25 09:00 | 11/12/25 19:32 | 1       |
| Chromium  | <0.00500  |           | 0.00500  | 0.00180  | mg/L |   | 11/12/25 09:00 | 11/12/25 19:32 | 1       |
| Cobalt    | 0.000176  | J         | 0.000500 | 0.000170 | mg/L |   | 11/12/25 09:00 | 11/12/25 19:32 | 1       |
| Copper    | <0.00500  |           | 0.00500  | 0.00320  | mg/L |   | 11/12/25 09:00 | 11/12/25 19:32 | 1       |
| Lead      | <0.000500 |           | 0.000500 | 0.000330 | mg/L |   | 11/12/25 09:00 | 11/12/25 19:32 | 1       |
| Nickel    | 0.00462   | J         | 0.00500  | 0.00230  | mg/L |   | 11/12/25 09:00 | 11/12/25 19:32 | 1       |
| Selenium  | <0.00500  |           | 0.00500  | 0.00140  | mg/L |   | 11/12/25 09:00 | 11/12/25 19:32 | 1       |
| Silver    | <0.00100  |           | 0.00100  | 0.000500 | mg/L |   | 11/12/25 09:00 | 11/12/25 19:32 | 1       |
| Thallium  | <0.00100  |           | 0.00100  | 0.000570 | mg/L |   | 11/12/25 09:00 | 11/12/25 19:32 | 1       |
| Vanadium  | <0.00500  |           | 0.00500  | 0.00170  | mg/L |   | 11/12/25 09:00 | 11/12/25 19:32 | 1       |
| Zinc      | <0.0200   |           | 0.0200   | 0.0130   | mg/L |   | 11/12/25 09:00 | 11/12/25 19:32 | 1       |

## General Chemistry

| Analyte                                 | Result | Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------------------|--------|-----------|------|------|------|---|----------|----------------|---------|
| Total Suspended Solids (USGS I-3765-85) | 6.75   |           | 1.88 | 1.31 | mg/L |   |          | 11/10/25 11:29 | 1       |

# Client Sample Results

Client: SCS Engineers  
Project/Site: Clinton County South 2nd 2025 GW Sampling  
Event

Job ID: 310-320142-1

Client Sample ID: MW-D2

Lab Sample ID: 310-320142-16

Date Collected: 11/07/25 07:37

Matrix: Water

Date Received: 11/07/25 17:30

## 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   | <1.00          |           | 1.00  | 0.380 | ug/L |   |          | 11/12/25 02:49 | 1       |
| 1,1,1-Trichloroethane       | <1.00          |           | 1.00  | 0.420 | ug/L |   |          | 11/12/25 02:49 | 1       |
| 1,1,2,2-Tetrachloroethane   | <1.00          |           | 1.00  | 0.350 | ug/L |   |          | 11/12/25 02:49 | 1       |
| 1,1,2-Trichloroethane       | <1.00          |           | 1.00  | 0.330 | ug/L |   |          | 11/12/25 02:49 | 1       |
| 1,1-Dichloroethane          | <1.00          |           | 1.00  | 0.400 | ug/L |   |          | 11/12/25 02:49 | 1       |
| 1,1-Dichloroethene          | <2.00          |           | 2.00  | 0.460 | ug/L |   |          | 11/12/25 02:49 | 1       |
| 1,2,3-Trichloropropane      | <1.00          |           | 1.00  | 0.430 | ug/L |   |          | 11/12/25 02:49 | 1       |
| 1,2-Dibromo-3-Chloropropane | <1.20          |           | 1.20  | 1.20  | ug/L |   |          | 11/12/25 02:49 | 1       |
| 1,2-Dibromoethane (EDB)     | <0.340         |           | 0.340 | 0.340 | ug/L |   |          | 11/12/25 02:49 | 1       |
| 1,2-Dichlorobenzene         | <1.00          |           | 1.00  | 0.370 | ug/L |   |          | 11/12/25 02:49 | 1       |
| 1,2-Dichloroethane          | <1.00          |           | 1.00  | 0.890 | ug/L |   |          | 11/12/25 02:49 | 1       |
| 1,2-Dichloropropane         | <1.00          |           | 1.00  | 0.380 | ug/L |   |          | 11/12/25 02:49 | 1       |
| 1,4-Dichlorobenzene         | <1.00          |           | 1.00  | 0.490 | ug/L |   |          | 11/12/25 02:49 | 1       |
| 2-Butanone (MEK)            | <10.0          |           | 10.0  | 3.40  | ug/L |   |          | 11/12/25 02:49 | 1       |
| 2-Hexanone                  | <10.0          |           | 10.0  | 3.80  | ug/L |   |          | 11/12/25 17:36 | 1       |
| 4-Methyl-2-pentanone (MIBK) | <10.0          |           | 10.0  | 3.50  | ug/L |   |          | 11/12/25 02:49 | 1       |
| Acetone                     | <10.0          |           | 10.0  | 3.80  | ug/L |   |          | 11/12/25 02:49 | 1       |
| Acrylonitrile               | <10.0          |           | 10.0  | 2.20  | ug/L |   |          | 11/12/25 02:49 | 1       |
| <b>Benzene</b>              | <b>1.90</b>    |           | 0.500 | 0.220 | ug/L |   |          | 11/12/25 02:49 | 1       |
| Bromochloromethane          | <5.00          |           | 5.00  | 1.70  | ug/L |   |          | 11/12/25 02:49 | 1       |
| Bromodichloromethane        | <1.00          |           | 1.00  | 0.390 | ug/L |   |          | 11/12/25 02:49 | 1       |
| Bromoform                   | <5.00          |           | 5.00  | 2.60  | ug/L |   |          | 11/12/25 02:49 | 1       |
| Bromomethane                | <4.00          |           | 4.00  | 1.10  | ug/L |   |          | 11/12/25 02:49 | 1       |
| Carbon disulfide            | <1.00          |           | 1.00  | 0.450 | ug/L |   |          | 11/12/25 02:49 | 1       |
| Carbon tetrachloride        | <2.00          |           | 2.00  | 0.650 | ug/L |   |          | 11/12/25 02:49 | 1       |
| <b>Chlorobenzene</b>        | <b>1.01</b>    |           | 1.00  | 0.350 | ug/L |   |          | 11/12/25 02:49 | 1       |
| Chlorodibromomethane        | <5.00          |           | 5.00  | 1.50  | ug/L |   |          | 11/12/25 02:49 | 1       |
| Chloroethane                | <4.00          |           | 4.00  | 0.900 | ug/L |   |          | 11/12/25 02:49 | 1       |
| Chloroform                  | <3.00          |           | 3.00  | 1.30  | ug/L |   |          | 11/12/25 02:49 | 1       |
| Chloromethane               | <3.00          |           | 3.00  | 0.610 | ug/L |   |          | 11/12/25 02:49 | 1       |
| cis-1,2-Dichloroethene      | <1.00          |           | 1.00  | 0.550 | ug/L |   |          | 11/12/25 02:49 | 1       |
| cis-1,3-Dichloropropene     | <5.00          |           | 5.00  | 1.20  | ug/L |   |          | 11/12/25 02:49 | 1       |
| Dibromomethane              | <1.00          |           | 1.00  | 0.330 | ug/L |   |          | 11/12/25 02:49 | 1       |
| <b>Ethylbenzene</b>         | <b>0.802 J</b> |           | 1.00  | 0.420 | ug/L |   |          | 11/12/25 02:49 | 1       |
| Iodomethane                 | <10.0          |           | 10.0  | 2.60  | ug/L |   |          | 11/12/25 02:49 | 1       |
| Methylene Chloride          | <5.00          |           | 5.00  | 1.70  | ug/L |   |          | 11/12/25 02:49 | 1       |
| Styrene                     | <1.00          |           | 1.00  | 0.370 | ug/L |   |          | 11/12/25 02:49 | 1       |
| Tetrachloroethene           | <1.00          |           | 1.00  | 0.480 | ug/L |   |          | 11/12/25 02:49 | 1       |
| <b>Toluene</b>              | <b>0.590 J</b> |           | 1.00  | 0.430 | ug/L |   |          | 11/12/25 02:49 | 1       |
| trans-1,2-Dichloroethene    | <1.00          |           | 1.00  | 0.410 | ug/L |   |          | 11/12/25 02:49 | 1       |
| trans-1,3-Dichloropropene   | <5.00          |           | 5.00  | 2.30  | ug/L |   |          | 11/12/25 02:49 | 1       |
| trans-1,4-Dichloro-2-butene | <10.0          |           | 10.0  | 2.40  | ug/L |   |          | 11/12/25 02:49 | 1       |
| Trichloroethene             | <1.00          |           | 1.00  | 0.350 | ug/L |   |          | 11/12/25 02:49 | 1       |
| Trichlorofluoromethane      | <4.00          |           | 4.00  | 0.470 | ug/L |   |          | 11/12/25 02:49 | 1       |
| Vinyl acetate               | <10.0          |           | 10.0  | 7.10  | ug/L |   |          | 11/12/25 02:49 | 1       |
| Vinyl chloride              | <1.00          |           | 1.00  | 0.430 | ug/L |   |          | 11/12/25 02:49 | 1       |
| <b>Xylenes, Total</b>       | <b>2.02 J</b>  |           | 3.00  | 1.10  | ug/L |   |          | 11/12/25 02:49 | 1       |

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# Client Sample Results

Client: SCS Engineers  
Project/Site: Clinton County South 2nd 2025 GW Sampling  
Event

Job ID: 310-320142-1

Client Sample ID: MW-D2

Lab Sample ID: 310-320142-16

Date Collected: 11/07/25 07:37

Matrix: Water

Date Received: 11/07/25 17:30

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------|----------------|---------|
| Dibromofluoromethane (Surr) | 98        |           | 76 - 130 |          | 11/12/25 02:49 | 1       |
| Dibromofluoromethane (Surr) | 100       |           | 76 - 130 |          | 11/12/25 17:36 | 1       |
| Toluene-d8 (Surr)           | 96        |           | 80 - 120 |          | 11/12/25 02:49 | 1       |
| Toluene-d8 (Surr)           | 102       |           | 80 - 120 |          | 11/12/25 17:36 | 1       |
| 4-Bromofluorobenzene (Surr) | 103       |           | 80 - 120 |          | 11/12/25 02:49 | 1       |
| 4-Bromofluorobenzene (Surr) | 108       |           | 80 - 120 |          | 11/12/25 17:36 | 1       |

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

| Analyte   | Result    | Qualifier | RL       | MDL      | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------|-----------|-----------|----------|----------|------|---|----------------|----------------|---------|
| Antimony  | <0.00200  |           | 0.00200  | 0.00100  | mg/L |   | 11/12/25 09:00 | 11/20/25 16:56 | 1       |
| Arsenic   | 0.0148    |           | 0.00200  | 0.000530 | mg/L |   | 11/12/25 09:00 | 11/20/25 16:56 | 1       |
| Barium    | 0.140     |           | 0.00200  | 0.000660 | mg/L |   | 11/12/25 09:00 | 11/20/25 16:56 | 1       |
| Beryllium | <0.00100  |           | 0.00100  | 0.000330 | mg/L |   | 11/12/25 09:00 | 11/20/25 16:56 | 1       |
| Cadmium   | <0.000200 |           | 0.000200 | 0.000100 | mg/L |   | 11/12/25 09:00 | 11/20/25 16:56 | 1       |
| Chromium  | 0.00217   | J         | 0.00500  | 0.00180  | mg/L |   | 11/12/25 09:00 | 11/20/25 16:56 | 1       |
| Cobalt    | 0.0117    |           | 0.000500 | 0.000170 | mg/L |   | 11/12/25 09:00 | 11/20/25 16:56 | 1       |
| Copper    | <0.00500  |           | 0.00500  | 0.00320  | mg/L |   | 11/12/25 09:00 | 11/20/25 16:56 | 1       |
| Lead      | 0.000719  |           | 0.000500 | 0.000330 | mg/L |   | 11/12/25 09:00 | 11/20/25 16:56 | 1       |
| Nickel    | 0.00574   |           | 0.00500  | 0.00230  | mg/L |   | 11/12/25 09:00 | 11/20/25 16:56 | 1       |
| Selenium  | <0.00500  |           | 0.00500  | 0.00140  | mg/L |   | 11/12/25 09:00 | 11/20/25 16:56 | 1       |
| Silver    | <0.00100  | *+        | 0.00100  | 0.000500 | mg/L |   | 11/12/25 09:00 | 11/20/25 16:56 | 1       |
| Thallium  | <0.00100  |           | 0.00100  | 0.000570 | mg/L |   | 11/12/25 09:00 | 11/21/25 13:30 | 1       |
| Vanadium  | 0.00178   | J         | 0.00500  | 0.00170  | mg/L |   | 11/12/25 09:00 | 11/20/25 16:56 | 1       |
| Zinc      | <0.0200   |           | 0.0200   | 0.0130   | mg/L |   | 11/12/25 09:00 | 11/20/25 16:56 | 1       |

## General Chemistry

| Analyte                                 | Result | Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------------------|--------|-----------|------|------|------|---|----------|----------------|---------|
| Total Suspended Solids (USGS I-3765-85) | 76.0   |           | 15.0 | 10.5 | mg/L |   |          | 11/11/25 09:56 | 1       |

# Client Sample Results

Client: SCS Engineers  
Project/Site: Clinton County South 2nd 2025 GW Sampling  
Event

Job ID: 310-320142-1

Client Sample ID: Trip Blank 1

Lab Sample ID: 310-320142-17

Date Collected: 11/04/25 00:00

Matrix: Water

Date Received: 11/07/25 17:30

## 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   | <1.00  |           | 1.00  | 0.380 | ug/L |   |          | 11/11/25 11:53 | 1       |
| 1,1,1-Trichloroethane       | <1.00  |           | 1.00  | 0.420 | ug/L |   |          | 11/11/25 11:53 | 1       |
| 1,1,2,2-Tetrachloroethane   | <1.00  |           | 1.00  | 0.350 | ug/L |   |          | 11/11/25 11:53 | 1       |
| 1,1,2-Trichloroethane       | <1.00  |           | 1.00  | 0.330 | ug/L |   |          | 11/11/25 11:53 | 1       |
| 1,1-Dichloroethane          | <1.00  |           | 1.00  | 0.400 | ug/L |   |          | 11/11/25 11:53 | 1       |
| 1,1-Dichloroethene          | <2.00  |           | 2.00  | 0.460 | ug/L |   |          | 11/11/25 11:53 | 1       |
| 1,2,3-Trichloropropane      | <1.00  |           | 1.00  | 0.430 | ug/L |   |          | 11/11/25 11:53 | 1       |
| 1,2-Dibromo-3-Chloropropane | <1.20  |           | 1.20  | 1.20  | ug/L |   |          | 11/11/25 11:53 | 1       |
| 1,2-Dibromoethane (EDB)     | <0.340 |           | 0.340 | 0.340 | ug/L |   |          | 11/11/25 11:53 | 1       |
| 1,2-Dichlorobenzene         | <1.00  |           | 1.00  | 0.370 | ug/L |   |          | 11/11/25 11:53 | 1       |
| 1,2-Dichloroethane          | <1.00  |           | 1.00  | 0.890 | ug/L |   |          | 11/11/25 11:53 | 1       |
| 1,2-Dichloropropane         | <1.00  |           | 1.00  | 0.380 | ug/L |   |          | 11/11/25 11:53 | 1       |
| 1,4-Dichlorobenzene         | <1.00  |           | 1.00  | 0.490 | ug/L |   |          | 11/11/25 11:53 | 1       |
| 2-Butanone (MEK)            | <10.0  |           | 10.0  | 3.40  | ug/L |   |          | 11/11/25 11:53 | 1       |
| 2-Hexanone                  | <10.0  |           | 10.0  | 3.80  | ug/L |   |          | 11/11/25 11:53 | 1       |
| 4-Methyl-2-pentanone (MIBK) | <10.0  |           | 10.0  | 3.50  | ug/L |   |          | 11/11/25 11:53 | 1       |
| Acetone                     | <10.0  |           | 10.0  | 3.80  | ug/L |   |          | 11/11/25 11:53 | 1       |
| Acrylonitrile               | <10.0  |           | 10.0  | 2.20  | ug/L |   |          | 11/11/25 11:53 | 1       |
| Benzene                     | <0.500 |           | 0.500 | 0.220 | ug/L |   |          | 11/11/25 11:53 | 1       |
| Bromochloromethane          | <5.00  |           | 5.00  | 1.70  | ug/L |   |          | 11/11/25 11:53 | 1       |
| Bromodichloromethane        | <1.00  |           | 1.00  | 0.390 | ug/L |   |          | 11/11/25 11:53 | 1       |
| Bromoform                   | <5.00  |           | 5.00  | 2.60  | ug/L |   |          | 11/11/25 11:53 | 1       |
| Bromomethane                | <4.00  |           | 4.00  | 1.10  | ug/L |   |          | 11/11/25 11:53 | 1       |
| Carbon disulfide            | <1.00  |           | 1.00  | 0.450 | ug/L |   |          | 11/11/25 11:53 | 1       |
| Carbon tetrachloride        | <2.00  |           | 2.00  | 0.650 | ug/L |   |          | 11/11/25 11:53 | 1       |
| Chlorobenzene               | <1.00  |           | 1.00  | 0.350 | ug/L |   |          | 11/11/25 11:53 | 1       |
| Chlorodibromomethane        | <5.00  |           | 5.00  | 1.50  | ug/L |   |          | 11/11/25 11:53 | 1       |
| Chloroethane                | <4.00  |           | 4.00  | 0.900 | ug/L |   |          | 11/11/25 11:53 | 1       |
| Chloroform                  | <3.00  |           | 3.00  | 1.30  | ug/L |   |          | 11/11/25 11:53 | 1       |
| Chloromethane               | <3.00  |           | 3.00  | 0.610 | ug/L |   |          | 11/11/25 11:53 | 1       |
| cis-1,2-Dichloroethene      | <1.00  |           | 1.00  | 0.550 | ug/L |   |          | 11/11/25 11:53 | 1       |
| cis-1,3-Dichloropropene     | <5.00  |           | 5.00  | 1.20  | ug/L |   |          | 11/11/25 11:53 | 1       |
| Dibromomethane              | <1.00  |           | 1.00  | 0.330 | ug/L |   |          | 11/11/25 11:53 | 1       |
| Ethylbenzene                | <1.00  |           | 1.00  | 0.420 | ug/L |   |          | 11/11/25 11:53 | 1       |
| Iodomethane                 | <10.0  |           | 10.0  | 2.60  | ug/L |   |          | 11/11/25 11:53 | 1       |
| Methylene Chloride          | <5.00  |           | 5.00  | 1.70  | ug/L |   |          | 11/11/25 11:53 | 1       |
| Styrene                     | <1.00  |           | 1.00  | 0.370 | ug/L |   |          | 11/11/25 11:53 | 1       |
| Tetrachloroethene           | <1.00  |           | 1.00  | 0.480 | ug/L |   |          | 11/11/25 11:53 | 1       |
| Toluene                     | <1.00  |           | 1.00  | 0.430 | ug/L |   |          | 11/11/25 11:53 | 1       |
| trans-1,2-Dichloroethene    | <1.00  |           | 1.00  | 0.410 | ug/L |   |          | 11/11/25 11:53 | 1       |
| trans-1,3-Dichloropropene   | <5.00  |           | 5.00  | 2.30  | ug/L |   |          | 11/11/25 11:53 | 1       |
| trans-1,4-Dichloro-2-butene | <10.0  |           | 10.0  | 2.40  | ug/L |   |          | 11/11/25 11:53 | 1       |
| Trichloroethene             | <1.00  |           | 1.00  | 0.350 | ug/L |   |          | 11/11/25 11:53 | 1       |
| Trichlorofluoromethane      | <4.00  |           | 4.00  | 0.470 | ug/L |   |          | 11/11/25 11:53 | 1       |
| Vinyl acetate               | <10.0  |           | 10.0  | 7.10  | ug/L |   |          | 11/11/25 11:53 | 1       |
| Vinyl chloride              | <1.00  |           | 1.00  | 0.430 | ug/L |   |          | 11/11/25 11:53 | 1       |
| Xylenes, Total              | <3.00  |           | 3.00  | 1.10  | ug/L |   |          | 11/11/25 11:53 | 1       |

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## Client Sample Results

Client: SCS Engineers  
Project/Site: Clinton County South 2nd 2025 GW Sampling  
Event

Job ID: 310-320142-1

**Client Sample ID: Trip Blank 1**

**Lab Sample ID: 310-320142-17**

**Date Collected: 11/04/25 00:00**

**Matrix: Water**

**Date Received: 11/07/25 17:30**

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------|----------------|---------|
| Dibromofluoromethane (Surr) | 107       |           | 76 - 130 |          | 11/11/25 11:53 | 1       |
| Dibromofluoromethane (Surr) | 97        |           | 76 - 130 |          | 11/11/25 12:45 | 1       |
| Toluene-d8 (Surr)           | 97        |           | 80 - 120 |          | 11/11/25 11:53 | 1       |
| Toluene-d8 (Surr)           | 95        |           | 80 - 120 |          | 11/11/25 12:45 | 1       |
| 4-Bromofluorobenzene (Surr) | 110       |           | 80 - 120 |          | 11/11/25 11:53 | 1       |
| 4-Bromofluorobenzene (Surr) | 102       |           | 80 - 120 |          | 11/11/25 12:45 | 1       |

# Client Sample Results

Client: SCS Engineers  
Project/Site: Clinton County South 2nd 2025 GW Sampling  
Event

Job ID: 310-320142-1

Client Sample ID: Trip Blank 2

Lab Sample ID: 310-320142-18

Date Collected: 11/04/25 00:00

Matrix: Water

Date Received: 11/07/25 17:30

## 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   | <1.00  |           | 1.00  | 0.380 | ug/L |   |          | 11/11/25 12:16 | 1       |
| 1,1,1-Trichloroethane       | <1.00  |           | 1.00  | 0.420 | ug/L |   |          | 11/11/25 12:16 | 1       |
| 1,1,2,2-Tetrachloroethane   | <1.00  |           | 1.00  | 0.350 | ug/L |   |          | 11/11/25 12:16 | 1       |
| 1,1,2-Trichloroethane       | <1.00  |           | 1.00  | 0.330 | ug/L |   |          | 11/11/25 12:16 | 1       |
| 1,1-Dichloroethane          | <1.00  |           | 1.00  | 0.400 | ug/L |   |          | 11/11/25 12:16 | 1       |
| 1,1-Dichloroethene          | <2.00  |           | 2.00  | 0.460 | ug/L |   |          | 11/11/25 12:16 | 1       |
| 1,2,3-Trichloropropane      | <1.00  |           | 1.00  | 0.430 | ug/L |   |          | 11/11/25 12:16 | 1       |
| 1,2-Dibromo-3-Chloropropane | <1.20  |           | 1.20  | 1.20  | ug/L |   |          | 11/11/25 12:16 | 1       |
| 1,2-Dibromoethane (EDB)     | <0.340 |           | 0.340 | 0.340 | ug/L |   |          | 11/11/25 12:16 | 1       |
| 1,2-Dichlorobenzene         | <1.00  |           | 1.00  | 0.370 | ug/L |   |          | 11/11/25 12:16 | 1       |
| 1,2-Dichloroethane          | <1.00  |           | 1.00  | 0.890 | ug/L |   |          | 11/11/25 12:16 | 1       |
| 1,2-Dichloropropane         | <1.00  |           | 1.00  | 0.380 | ug/L |   |          | 11/11/25 12:16 | 1       |
| 1,4-Dichlorobenzene         | <1.00  |           | 1.00  | 0.490 | ug/L |   |          | 11/11/25 12:16 | 1       |
| 2-Butanone (MEK)            | <10.0  |           | 10.0  | 3.40  | ug/L |   |          | 11/11/25 12:16 | 1       |
| 2-Hexanone                  | <10.0  |           | 10.0  | 3.80  | ug/L |   |          | 11/11/25 12:16 | 1       |
| 4-Methyl-2-pentanone (MIBK) | <10.0  |           | 10.0  | 3.50  | ug/L |   |          | 11/11/25 12:16 | 1       |
| Acetone                     | <10.0  |           | 10.0  | 3.80  | ug/L |   |          | 11/11/25 12:16 | 1       |
| Acrylonitrile               | <10.0  |           | 10.0  | 2.20  | ug/L |   |          | 11/11/25 12:16 | 1       |
| Benzene                     | <0.500 |           | 0.500 | 0.220 | ug/L |   |          | 11/11/25 12:16 | 1       |
| Bromochloromethane          | <5.00  |           | 5.00  | 1.70  | ug/L |   |          | 11/11/25 12:16 | 1       |
| Bromodichloromethane        | <1.00  |           | 1.00  | 0.390 | ug/L |   |          | 11/11/25 12:16 | 1       |
| Bromoform                   | <5.00  |           | 5.00  | 2.60  | ug/L |   |          | 11/11/25 12:16 | 1       |
| Bromomethane                | <4.00  |           | 4.00  | 1.10  | ug/L |   |          | 11/11/25 12:16 | 1       |
| Carbon disulfide            | <1.00  |           | 1.00  | 0.450 | ug/L |   |          | 11/11/25 12:16 | 1       |
| Carbon tetrachloride        | <2.00  |           | 2.00  | 0.650 | ug/L |   |          | 11/11/25 12:16 | 1       |
| Chlorobenzene               | <1.00  |           | 1.00  | 0.350 | ug/L |   |          | 11/11/25 12:16 | 1       |
| Chlorodibromomethane        | <5.00  |           | 5.00  | 1.50  | ug/L |   |          | 11/11/25 12:16 | 1       |
| Chloroethane                | <4.00  |           | 4.00  | 0.900 | ug/L |   |          | 11/11/25 12:16 | 1       |
| Chloroform                  | <3.00  |           | 3.00  | 1.30  | ug/L |   |          | 11/11/25 12:16 | 1       |
| Chloromethane               | <3.00  |           | 3.00  | 0.610 | ug/L |   |          | 11/11/25 12:16 | 1       |
| cis-1,2-Dichloroethene      | <1.00  |           | 1.00  | 0.550 | ug/L |   |          | 11/11/25 12:16 | 1       |
| cis-1,3-Dichloropropene     | <5.00  |           | 5.00  | 1.20  | ug/L |   |          | 11/11/25 12:16 | 1       |
| Dibromomethane              | <1.00  |           | 1.00  | 0.330 | ug/L |   |          | 11/11/25 12:16 | 1       |
| Ethylbenzene                | <1.00  |           | 1.00  | 0.420 | ug/L |   |          | 11/11/25 12:16 | 1       |
| Iodomethane                 | <10.0  |           | 10.0  | 2.60  | ug/L |   |          | 11/11/25 12:16 | 1       |
| Methylene Chloride          | <5.00  |           | 5.00  | 1.70  | ug/L |   |          | 11/11/25 12:16 | 1       |
| Styrene                     | <1.00  |           | 1.00  | 0.370 | ug/L |   |          | 11/11/25 12:16 | 1       |
| Tetrachloroethene           | <1.00  |           | 1.00  | 0.480 | ug/L |   |          | 11/11/25 12:16 | 1       |
| Toluene                     | <1.00  |           | 1.00  | 0.430 | ug/L |   |          | 11/11/25 12:16 | 1       |
| trans-1,2-Dichloroethene    | <1.00  |           | 1.00  | 0.410 | ug/L |   |          | 11/11/25 12:16 | 1       |
| trans-1,3-Dichloropropene   | <5.00  |           | 5.00  | 2.30  | ug/L |   |          | 11/11/25 12:16 | 1       |
| trans-1,4-Dichloro-2-butene | <10.0  |           | 10.0  | 2.40  | ug/L |   |          | 11/11/25 12:16 | 1       |
| Trichloroethene             | <1.00  |           | 1.00  | 0.350 | ug/L |   |          | 11/11/25 12:16 | 1       |
| Trichlorofluoromethane      | <4.00  |           | 4.00  | 0.470 | ug/L |   |          | 11/11/25 12:16 | 1       |
| Vinyl acetate               | <10.0  |           | 10.0  | 7.10  | ug/L |   |          | 11/11/25 12:16 | 1       |
| Vinyl chloride              | <1.00  |           | 1.00  | 0.430 | ug/L |   |          | 11/11/25 12:16 | 1       |
| Xylenes, Total              | <3.00  |           | 3.00  | 1.10  | ug/L |   |          | 11/11/25 12:16 | 1       |

Eurofins Cedar Falls

## Client Sample Results

Client: SCS Engineers

Job ID: 310-320142-1

Project/Site: Clinton County South 2nd 2025 GW Sampling

Event

**Client Sample ID: Trip Blank 2**

**Lab Sample ID: 310-320142-18**

**Date Collected: 11/04/25 00:00**

**Matrix: Water**

**Date Received: 11/07/25 17:30**

| <i>Surrogate</i>                   | <i>%Recovery</i> | <i>Qualifier</i> | <i>Limits</i> | <i>Prepared</i> | <i>Analyzed</i> | <i>Dil Fac</i> |
|------------------------------------|------------------|------------------|---------------|-----------------|-----------------|----------------|
| <i>Dibromofluoromethane (Surr)</i> | 109              |                  | 76 - 130      |                 | 11/11/25 12:16  | 1              |
| <i>Dibromofluoromethane (Surr)</i> | 99               |                  | 76 - 130      |                 | 11/11/25 13:07  | 1              |
| <i>Toluene-d8 (Surr)</i>           | 100              |                  | 80 - 120      |                 | 11/11/25 12:16  | 1              |
| <i>Toluene-d8 (Surr)</i>           | 97               |                  | 80 - 120      |                 | 11/11/25 13:07  | 1              |
| <i>4-Bromofluorobenzene (Surr)</i> | 107              |                  | 80 - 120      |                 | 11/11/25 12:16  | 1              |
| <i>4-Bromofluorobenzene (Surr)</i> | 102              |                  | 80 - 120      |                 | 11/11/25 13:07  | 1              |

# Client Sample Results

Client: SCS Engineers  
Project/Site: Clinton County South 2nd 2025 GW Sampling  
Event

Job ID: 310-320142-1

Client Sample ID: Trip Blank 3

Lab Sample ID: 310-320142-19

Date Collected: 11/04/25 00:00

Matrix: Water

Date Received: 11/07/25 17:30

## 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   | <1.00  |           | 1.00  | 0.380 | ug/L |   |          | 11/11/25 12:39 | 1       |
| 1,1,1-Trichloroethane       | <1.00  |           | 1.00  | 0.420 | ug/L |   |          | 11/11/25 12:39 | 1       |
| 1,1,2,2-Tetrachloroethane   | <1.00  |           | 1.00  | 0.350 | ug/L |   |          | 11/11/25 12:39 | 1       |
| 1,1,2-Trichloroethane       | <1.00  |           | 1.00  | 0.330 | ug/L |   |          | 11/11/25 12:39 | 1       |
| 1,1-Dichloroethane          | <1.00  |           | 1.00  | 0.400 | ug/L |   |          | 11/11/25 12:39 | 1       |
| 1,1-Dichloroethene          | <2.00  |           | 2.00  | 0.460 | ug/L |   |          | 11/11/25 12:39 | 1       |
| 1,2,3-Trichloropropane      | <1.00  |           | 1.00  | 0.430 | ug/L |   |          | 11/11/25 12:39 | 1       |
| 1,2-Dibromo-3-Chloropropane | <1.20  |           | 1.20  | 1.20  | ug/L |   |          | 11/11/25 12:39 | 1       |
| 1,2-Dibromoethane (EDB)     | <0.340 |           | 0.340 | 0.340 | ug/L |   |          | 11/11/25 12:39 | 1       |
| 1,2-Dichlorobenzene         | <1.00  |           | 1.00  | 0.370 | ug/L |   |          | 11/11/25 12:39 | 1       |
| 1,2-Dichloroethane          | <1.00  |           | 1.00  | 0.890 | ug/L |   |          | 11/11/25 12:39 | 1       |
| 1,2-Dichloropropane         | <1.00  |           | 1.00  | 0.380 | ug/L |   |          | 11/11/25 12:39 | 1       |
| 1,4-Dichlorobenzene         | <1.00  |           | 1.00  | 0.490 | ug/L |   |          | 11/11/25 12:39 | 1       |
| 2-Butanone (MEK)            | <10.0  |           | 10.0  | 3.40  | ug/L |   |          | 11/11/25 12:39 | 1       |
| 2-Hexanone                  | <10.0  |           | 10.0  | 3.80  | ug/L |   |          | 11/11/25 12:39 | 1       |
| 4-Methyl-2-pentanone (MIBK) | <10.0  |           | 10.0  | 3.50  | ug/L |   |          | 11/11/25 12:39 | 1       |
| Acetone                     | <10.0  |           | 10.0  | 3.80  | ug/L |   |          | 11/11/25 12:39 | 1       |
| Acrylonitrile               | <10.0  |           | 10.0  | 2.20  | ug/L |   |          | 11/11/25 12:39 | 1       |
| Benzene                     | <0.500 |           | 0.500 | 0.220 | ug/L |   |          | 11/11/25 12:39 | 1       |
| Bromochloromethane          | <5.00  |           | 5.00  | 1.70  | ug/L |   |          | 11/11/25 12:39 | 1       |
| Bromodichloromethane        | <1.00  |           | 1.00  | 0.390 | ug/L |   |          | 11/11/25 12:39 | 1       |
| Bromoform                   | <5.00  |           | 5.00  | 2.60  | ug/L |   |          | 11/11/25 12:39 | 1       |
| Bromomethane                | <4.00  |           | 4.00  | 1.10  | ug/L |   |          | 11/11/25 12:39 | 1       |
| Carbon disulfide            | <1.00  |           | 1.00  | 0.450 | ug/L |   |          | 11/11/25 12:39 | 1       |
| Carbon tetrachloride        | <2.00  |           | 2.00  | 0.650 | ug/L |   |          | 11/11/25 12:39 | 1       |
| Chlorobenzene               | <1.00  |           | 1.00  | 0.350 | ug/L |   |          | 11/11/25 12:39 | 1       |
| Chlorodibromomethane        | <5.00  |           | 5.00  | 1.50  | ug/L |   |          | 11/11/25 12:39 | 1       |
| Chloroethane                | <4.00  |           | 4.00  | 0.900 | ug/L |   |          | 11/11/25 12:39 | 1       |
| Chloroform                  | <3.00  |           | 3.00  | 1.30  | ug/L |   |          | 11/11/25 12:39 | 1       |
| Chloromethane               | <3.00  |           | 3.00  | 0.610 | ug/L |   |          | 11/11/25 12:39 | 1       |
| cis-1,2-Dichloroethene      | <1.00  |           | 1.00  | 0.550 | ug/L |   |          | 11/11/25 12:39 | 1       |
| cis-1,3-Dichloropropene     | <5.00  |           | 5.00  | 1.20  | ug/L |   |          | 11/11/25 12:39 | 1       |
| Dibromomethane              | <1.00  |           | 1.00  | 0.330 | ug/L |   |          | 11/11/25 12:39 | 1       |
| Ethylbenzene                | <1.00  |           | 1.00  | 0.420 | ug/L |   |          | 11/11/25 12:39 | 1       |
| Iodomethane                 | <10.0  |           | 10.0  | 2.60  | ug/L |   |          | 11/11/25 12:39 | 1       |
| Methylene Chloride          | <5.00  |           | 5.00  | 1.70  | ug/L |   |          | 11/11/25 12:39 | 1       |
| Styrene                     | <1.00  |           | 1.00  | 0.370 | ug/L |   |          | 11/11/25 12:39 | 1       |
| Tetrachloroethene           | <1.00  |           | 1.00  | 0.480 | ug/L |   |          | 11/11/25 12:39 | 1       |
| Toluene                     | <1.00  |           | 1.00  | 0.430 | ug/L |   |          | 11/11/25 12:39 | 1       |
| trans-1,2-Dichloroethene    | <1.00  |           | 1.00  | 0.410 | ug/L |   |          | 11/11/25 12:39 | 1       |
| trans-1,3-Dichloropropene   | <5.00  |           | 5.00  | 2.30  | ug/L |   |          | 11/11/25 12:39 | 1       |
| trans-1,4-Dichloro-2-butene | <10.0  |           | 10.0  | 2.40  | ug/L |   |          | 11/11/25 12:39 | 1       |
| Trichloroethene             | <1.00  |           | 1.00  | 0.350 | ug/L |   |          | 11/11/25 12:39 | 1       |
| Trichlorofluoromethane      | <4.00  |           | 4.00  | 0.470 | ug/L |   |          | 11/11/25 12:39 | 1       |
| Vinyl acetate               | <10.0  |           | 10.0  | 7.10  | ug/L |   |          | 11/11/25 12:39 | 1       |
| Vinyl chloride              | <1.00  |           | 1.00  | 0.430 | ug/L |   |          | 11/11/25 12:39 | 1       |
| Xylenes, Total              | <3.00  |           | 3.00  | 1.10  | ug/L |   |          | 11/11/25 12:39 | 1       |

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## Client Sample Results

Client: SCS Engineers

Job ID: 310-320142-1

Project/Site: Clinton County South 2nd 2025 GW Sampling

Event

**Client Sample ID: Trip Blank 3**

**Lab Sample ID: 310-320142-19**

**Date Collected: 11/04/25 00:00**

**Matrix: Water**

**Date Received: 11/07/25 17:30**

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------|----------------|---------|
| Dibromofluoromethane (Surr) | 107       |           | 76 - 130 |          | 11/11/25 12:39 | 1       |
| Dibromofluoromethane (Surr) | 98        |           | 76 - 130 |          | 11/11/25 13:30 | 1       |
| Toluene-d8 (Surr)           | 97        |           | 80 - 120 |          | 11/11/25 12:39 | 1       |
| Toluene-d8 (Surr)           | 95        |           | 80 - 120 |          | 11/11/25 13:30 | 1       |
| 4-Bromofluorobenzene (Surr) | 110       |           | 80 - 120 |          | 11/11/25 12:39 | 1       |
| 4-Bromofluorobenzene (Surr) | 103       |           | 80 - 120 |          | 11/11/25 13:30 | 1       |

## Definitions/Glossary

Client: SCS Engineers

Job ID: 310-320142-1

Project/Site: Clinton County South 2nd 2025 GW Sampling

Event

### Qualifiers

#### GC/MS VOA

| Qualifier | Qualifier Description                                                                                          |
|-----------|----------------------------------------------------------------------------------------------------------------|
| J         | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. |

#### GC/MS Semi VOA

| Qualifier | Qualifier Description                                   |
|-----------|---------------------------------------------------------|
| S1+       | Surrogate recovery exceeds control limits, high biased. |

#### Metals

| Qualifier | Qualifier Description                                                                                          |
|-----------|----------------------------------------------------------------------------------------------------------------|
| *+        | LCS and/or LCSD is outside acceptance limits, high biased.                                                     |
| ^+        | Continuing Calibration Verification (CCV) is outside acceptance limits, high biased.                           |
| ^1+       | Initial Calibration Verification (ICV) is outside acceptance limits, high biased.                              |
| 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: SCS Engineers

Job ID: 310-320142-1

Project/Site: Clinton County South 2nd 2025 GW Sampling

Event

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

Matrix: Water

Prep Type: Total/NA

| Lab Sample ID    | Client Sample ID   | Percent Surrogate Recovery (Acceptance Limits) |                 |                 |
|------------------|--------------------|------------------------------------------------|-----------------|-----------------|
|                  |                    | DBFM<br>(76-130)                               | TOL<br>(80-120) | BFB<br>(80-120) |
| 310-320142-1     | MW-05-02           | 98                                             | 95              | 104             |
| 310-320142-2     | MW-19              | 96                                             | 95              | 103             |
| 310-320142-2     | MW-19              | 105                                            | 98              | 108             |
| 310-320142-3     | MW-28              | 97                                             | 95              | 102             |
| 310-320142-4     | MW-29              | 97                                             | 94              | 102             |
| 310-320142-5     | MW-39              | 98                                             | 95              | 103             |
| 310-320142-6     | MW-40              | 98                                             | 95              | 103             |
| 310-320142-7     | MW-41              | 97                                             | 95              | 103             |
| 310-320142-8     | MW-42              | 98                                             | 95              | 103             |
| 310-320142-9     | MW-90-11           | 113                                            | 98              | 106             |
| 310-320142-10    | MW-20              | 111                                            | 95              | 105             |
| 310-320142-11    | MW-24              | 112                                            | 97              | 109             |
| 310-320142-12    | MW-32              | 97                                             | 94              | 102             |
| 310-320142-12    | MW-32              | 99                                             | 103             | 107             |
| 310-320142-13    | MW-33              | 98                                             | 94              | 102             |
| 310-320142-13    | MW-33              | 102                                            | 102             | 107             |
| 310-320142-14    | MW-90-18           | 96                                             | 95              | 101             |
| 310-320142-15    | MW-D1              | 108                                            | 98              | 104             |
| 310-320142-16    | MW-D2              | 98                                             | 96              | 103             |
| 310-320142-16    | MW-D2              | 100                                            | 102             | 108             |
| 310-320142-17    | Trip Blank 1       | 97                                             | 95              | 102             |
| 310-320142-17    | Trip Blank 1       | 107                                            | 97              | 110             |
| 310-320142-18    | Trip Blank 2       | 99                                             | 97              | 102             |
| 310-320142-18    | Trip Blank 2       | 109                                            | 100             | 107             |
| 310-320142-19    | Trip Blank 3       | 98                                             | 95              | 103             |
| 310-320142-19    | Trip Blank 3       | 107                                            | 97              | 110             |
| LCS 310-472998/6 | Lab Control Sample | 103                                            | 97              | 102             |
| LCS 310-472998/7 | Lab Control Sample | 97                                             | 97              | 102             |
| LCS 310-473080/7 | Lab Control Sample | 107                                            | 102             | 100             |
| LCS 310-473080/8 | Lab Control Sample | 107                                            | 99              | 105             |
| LCS 310-473146/6 | Lab Control Sample | 102                                            | 97              | 101             |
| LCS 310-473146/7 | Lab Control Sample | 96                                             | 95              | 102             |
| LCS 310-473296/6 | Lab Control Sample | 98                                             | 104             | 101             |
| LCS 310-473296/7 | Lab Control Sample | 103                                            | 101             | 109             |
| MB 310-472998/5  | Method Blank       | 99                                             | 96              | 103             |
| MB 310-473080/6  | Method Blank       | 106                                            | 100             | 107             |
| MB 310-473146/5  | Method Blank       | 97                                             | 94              | 103             |
| MB 310-473296/5  | Method Blank       | 103                                            | 102             | 109             |

### Surrogate Legend

DBFM = Dibromofluoromethane (Surr)

TOL = Toluene-d8 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

Eurofins Cedar Falls

# Surrogate Summary

Client: SCS Engineers

Job ID: 310-320142-1

Project/Site: Clinton County South 2nd 2025 GW Sampling

Event

## Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

|                                   |                    | Percent Surrogate Recovery (Acceptance Limits) |                 |                 |
|-----------------------------------|--------------------|------------------------------------------------|-----------------|-----------------|
| Lab Sample ID                     | Client Sample ID   | 2FP<br>(21-110)                                | PHL<br>(21-110) | TBP<br>(20-144) |
| 310-320142-13                     | MW-33              | 72                                             | 62              | 111             |
| LCS 310-473109/2-A                | Lab Control Sample | 92                                             | 74              | 130             |
| MB 310-473109/1-A                 | Method Blank       | 111 S1+                                        | 91              | 148 S1+         |
| <b>Surrogate Legend</b>           |                    |                                                |                 |                 |
| 2FP = 2-Fluorophenol (Surr)       |                    |                                                |                 |                 |
| PHL = Phenol-d5 (Surr)            |                    |                                                |                 |                 |
| TBP = 2,4,6-Tribromophenol (Surr) |                    |                                                |                 |                 |

## Method: 8151A - Herbicides (GC)

Matrix: Water

Prep Type: Total/NA

|                         |                        | Percent Surrogate Recovery (Acceptance Limits) |                    |
|-------------------------|------------------------|------------------------------------------------|--------------------|
| Lab Sample ID           | Client Sample ID       | DCPAA1<br>(34-142)                             | DCPAA2<br>(34-142) |
| 310-320142-13           | MW-33                  | 94                                             | 77                 |
| LCS 410-728954/2-A      | Lab Control Sample     | 109                                            | 90                 |
| LCSD 410-728954/3-A     | Lab Control Sample Dup | 113                                            | 93                 |
| MB 410-728954/1-A       | Method Blank           | 114                                            | 92                 |
| <b>Surrogate Legend</b> |                        |                                                |                    |
| DCPAA = DCAA            |                        |                                                |                    |

# QC Sample Results

Client: SCS Engineers

Job ID: 310-320142-1

Project/Site: Clinton County South 2nd 2025 GW Sampling

Event

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

Lab Sample ID: MB 310-472998/5

Matrix: Water

Analysis Batch: 472998

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   | <1.00     |              | 1.00  | 0.380 | ug/L |   |          | 11/11/25 11:38 | 1       |
| 1,1,1-Trichloroethane       | <1.00     |              | 1.00  | 0.420 | ug/L |   |          | 11/11/25 11:38 | 1       |
| 1,1,2,2-Tetrachloroethane   | <1.00     |              | 1.00  | 0.350 | ug/L |   |          | 11/11/25 11:38 | 1       |
| 1,1,2-Trichloroethane       | <1.00     |              | 1.00  | 0.330 | ug/L |   |          | 11/11/25 11:38 | 1       |
| 1,1-Dichloroethane          | <1.00     |              | 1.00  | 0.400 | ug/L |   |          | 11/11/25 11:38 | 1       |
| 1,1-Dichloroethene          | <2.00     |              | 2.00  | 0.460 | ug/L |   |          | 11/11/25 11:38 | 1       |
| 1,2,3-Trichloropropane      | <1.00     |              | 1.00  | 0.430 | ug/L |   |          | 11/11/25 11:38 | 1       |
| 1,2-Dibromo-3-Chloropropane | <1.20     |              | 1.20  | 1.20  | ug/L |   |          | 11/11/25 11:38 | 1       |
| 1,2-Dibromoethane (EDB)     | <0.340    |              | 0.340 | 0.340 | ug/L |   |          | 11/11/25 11:38 | 1       |
| 1,2-Dichlorobenzene         | <1.00     |              | 1.00  | 0.370 | ug/L |   |          | 11/11/25 11:38 | 1       |
| 1,2-Dichloroethane          | <1.00     |              | 1.00  | 0.890 | ug/L |   |          | 11/11/25 11:38 | 1       |
| 1,2-Dichloropropane         | <1.00     |              | 1.00  | 0.380 | ug/L |   |          | 11/11/25 11:38 | 1       |
| 1,4-Dichlorobenzene         | <1.00     |              | 1.00  | 0.490 | ug/L |   |          | 11/11/25 11:38 | 1       |
| 2-Butanone (MEK)            | <10.0     |              | 10.0  | 3.40  | ug/L |   |          | 11/11/25 11:38 | 1       |
| 2-Hexanone                  | <10.0     |              | 10.0  | 3.80  | ug/L |   |          | 11/11/25 11:38 | 1       |
| 4-Methyl-2-pentanone (MIBK) | <10.0     |              | 10.0  | 3.50  | ug/L |   |          | 11/11/25 11:38 | 1       |
| Acetone                     | <10.0     |              | 10.0  | 3.80  | ug/L |   |          | 11/11/25 11:38 | 1       |
| Acrylonitrile               | <10.0     |              | 10.0  | 2.20  | ug/L |   |          | 11/11/25 11:38 | 1       |
| Benzene                     | <0.500    |              | 0.500 | 0.220 | ug/L |   |          | 11/11/25 11:38 | 1       |
| Bromochloromethane          | <5.00     |              | 5.00  | 1.70  | ug/L |   |          | 11/11/25 11:38 | 1       |
| Bromodichloromethane        | <1.00     |              | 1.00  | 0.390 | ug/L |   |          | 11/11/25 11:38 | 1       |
| Bromoform                   | <5.00     |              | 5.00  | 2.60  | ug/L |   |          | 11/11/25 11:38 | 1       |
| Bromomethane                | <4.00     |              | 4.00  | 1.10  | ug/L |   |          | 11/11/25 11:38 | 1       |
| Carbon disulfide            | <1.00     |              | 1.00  | 0.450 | ug/L |   |          | 11/11/25 11:38 | 1       |
| Carbon tetrachloride        | <2.00     |              | 2.00  | 0.650 | ug/L |   |          | 11/11/25 11:38 | 1       |
| Chlorobenzene               | <1.00     |              | 1.00  | 0.350 | ug/L |   |          | 11/11/25 11:38 | 1       |
| Chlorodibromomethane        | <5.00     |              | 5.00  | 1.50  | ug/L |   |          | 11/11/25 11:38 | 1       |
| Chloroethane                | <4.00     |              | 4.00  | 0.900 | ug/L |   |          | 11/11/25 11:38 | 1       |
| Chloroform                  | <3.00     |              | 3.00  | 1.30  | ug/L |   |          | 11/11/25 11:38 | 1       |
| Chloromethane               | <3.00     |              | 3.00  | 0.610 | ug/L |   |          | 11/11/25 11:38 | 1       |
| cis-1,2-Dichloroethene      | <1.00     |              | 1.00  | 0.550 | ug/L |   |          | 11/11/25 11:38 | 1       |
| cis-1,3-Dichloropropene     | <5.00     |              | 5.00  | 1.20  | ug/L |   |          | 11/11/25 11:38 | 1       |
| Dibromomethane              | <1.00     |              | 1.00  | 0.330 | ug/L |   |          | 11/11/25 11:38 | 1       |
| Ethylbenzene                | <1.00     |              | 1.00  | 0.420 | ug/L |   |          | 11/11/25 11:38 | 1       |
| Iodomethane                 | <10.0     |              | 10.0  | 2.60  | ug/L |   |          | 11/11/25 11:38 | 1       |
| Methylene Chloride          | <5.00     |              | 5.00  | 1.70  | ug/L |   |          | 11/11/25 11:38 | 1       |
| Styrene                     | <1.00     |              | 1.00  | 0.370 | ug/L |   |          | 11/11/25 11:38 | 1       |
| Tetrachloroethene           | <1.00     |              | 1.00  | 0.480 | ug/L |   |          | 11/11/25 11:38 | 1       |
| Toluene                     | <1.00     |              | 1.00  | 0.430 | ug/L |   |          | 11/11/25 11:38 | 1       |
| trans-1,2-Dichloroethene    | <1.00     |              | 1.00  | 0.410 | ug/L |   |          | 11/11/25 11:38 | 1       |
| trans-1,3-Dichloropropene   | <5.00     |              | 5.00  | 2.30  | ug/L |   |          | 11/11/25 11:38 | 1       |
| trans-1,4-Dichloro-2-butene | <10.0     |              | 10.0  | 2.40  | ug/L |   |          | 11/11/25 11:38 | 1       |
| Trichloroethene             | <1.00     |              | 1.00  | 0.350 | ug/L |   |          | 11/11/25 11:38 | 1       |
| Trichlorofluoromethane      | <4.00     |              | 4.00  | 0.470 | ug/L |   |          | 11/11/25 11:38 | 1       |
| Vinyl acetate               | <10.0     |              | 10.0  | 7.10  | ug/L |   |          | 11/11/25 11:38 | 1       |
| Vinyl chloride              | <1.00     |              | 1.00  | 0.430 | ug/L |   |          | 11/11/25 11:38 | 1       |
| Xylenes, Total              | <3.00     |              | 3.00  | 1.10  | ug/L |   |          | 11/11/25 11:38 | 1       |

Eurofins Cedar Falls

# QC Sample Results

Client: SCS Engineers  
Project/Site: Clinton County South 2nd 2025 GW Sampling  
Event

Job ID: 310-320142-1

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

Lab Sample ID: MB 310-472998/5

Matrix: Water

Analysis Batch: 472998

Client Sample ID: Method Blank

Prep Type: Total/NA

| Surrogate                   | MB<br>%Recovery | MB<br>Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------------|-----------------|----------|----------|----------------|---------|
| Dibromofluoromethane (Surr) | 99              |                 | 76 - 130 |          | 11/11/25 11:38 | 1       |
| Toluene-d8 (Surr)           | 96              |                 | 80 - 120 |          | 11/11/25 11:38 | 1       |
| 4-Bromofluorobenzene (Surr) | 103             |                 | 80 - 120 |          | 11/11/25 11:38 | 1       |

Lab Sample ID: LCS 310-472998/6

Matrix: Water

Analysis Batch: 472998

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                     | Spike<br>Added | LCS<br>Result | LCS<br>Qualifier | Unit | D | %Rec | %Rec<br>Limits |
|-----------------------------|----------------|---------------|------------------|------|---|------|----------------|
| 1,1,1,2-Tetrachloroethane   | 20.0           | 21.90         |                  | ug/L |   | 109  | 70 - 121       |
| 1,1,1,1-Trichloroethane     | 20.0           | 20.58         |                  | ug/L |   | 103  | 69 - 130       |
| 1,1,1,2,2-Tetrachloroethane | 20.0           | 20.24         |                  | ug/L |   | 101  | 70 - 122       |
| 1,1,2-Trichloroethane       | 20.0           | 20.97         |                  | ug/L |   | 105  | 75 - 121       |
| 1,1-Dichloroethane          | 20.0           | 19.94         |                  | ug/L |   | 100  | 69 - 127       |
| 1,1-Dichloroethane          | 20.0           | 20.13         |                  | ug/L |   | 101  | 64 - 134       |
| 1,2,3-Trichloropropane      | 20.0           | 21.55         |                  | ug/L |   | 108  | 70 - 122       |
| 1,2-Dibromo-3-Chloropropane | 20.0           | 21.01         |                  | ug/L |   | 105  | 62 - 132       |
| 1,2-Dibromoethane (EDB)     | 20.0           | 21.63         |                  | ug/L |   | 108  | 74 - 122       |
| 1,2-Dichlorobenzene         | 20.0           | 21.21         |                  | ug/L |   | 106  | 74 - 120       |
| 1,2-Dichloroethane          | 20.0           | 20.60         |                  | ug/L |   | 103  | 68 - 125       |
| 1,2-Dichloropropane         | 20.0           | 19.35         |                  | ug/L |   | 97   | 72 - 128       |
| 1,4-Dichlorobenzene         | 20.0           | 20.86         |                  | ug/L |   | 104  | 72 - 120       |
| 2-Butanone (MEK)            | 40.0           | 36.67         |                  | ug/L |   | 92   | 60 - 134       |
| 2-Hexanone                  | 40.0           | 33.85         |                  | ug/L |   | 85   | 62 - 139       |
| 4-Methyl-2-pentanone (MIBK) | 40.0           | 35.71         |                  | ug/L |   | 89   | 62 - 136       |
| Acetone                     | 40.0           | 37.19         |                  | ug/L |   | 93   | 59 - 136       |
| Acrylonitrile               | 200            | 202.1         |                  | ug/L |   | 101  | 50 - 150       |
| Benzene                     | 20.0           | 20.20         |                  | ug/L |   | 101  | 71 - 125       |
| Bromochloromethane          | 20.0           | 23.58         |                  | ug/L |   | 118  | 69 - 131       |
| Bromodichloromethane        | 20.0           | 20.62         |                  | ug/L |   | 103  | 70 - 122       |
| Bromoform                   | 20.0           | 22.26         |                  | ug/L |   | 111  | 62 - 122       |
| Carbon disulfide            | 20.0           | 20.31         |                  | ug/L |   | 102  | 58 - 137       |
| Carbon tetrachloride        | 20.0           | 20.63         |                  | ug/L |   | 103  | 63 - 136       |
| Chlorobenzene               | 20.0           | 20.89         |                  | ug/L |   | 104  | 74 - 120       |
| Chlorodibromomethane        | 20.0           | 21.34         |                  | ug/L |   | 107  | 69 - 121       |
| Chloroform                  | 20.0           | 20.87         |                  | ug/L |   | 104  | 72 - 122       |
| cis-1,2-Dichloroethene      | 20.0           | 22.07         |                  | ug/L |   | 110  | 72 - 123       |
| cis-1,3-Dichloropropene     | 20.0           | 18.58         |                  | ug/L |   | 93   | 72 - 123       |
| Dibromomethane              | 20.0           | 22.67         |                  | ug/L |   | 113  | 72 - 122       |
| Ethylbenzene                | 20.0           | 20.32         |                  | ug/L |   | 102  | 75 - 120       |
| Iodomethane                 | 20.0           | 15.61         |                  | ug/L |   | 78   | 18 - 150       |
| Methylene Chloride          | 20.0           | 19.49         |                  | ug/L |   | 97   | 72 - 128       |
| Styrene                     | 20.0           | 21.13         |                  | ug/L |   | 106  | 74 - 122       |
| Tetrachloroethene           | 20.0           | 22.69         |                  | ug/L |   | 113  | 70 - 128       |
| Toluene                     | 20.0           | 20.73         |                  | ug/L |   | 104  | 74 - 120       |
| trans-1,2-Dichloroethene    | 20.0           | 22.13         |                  | ug/L |   | 111  | 67 - 127       |
| trans-1,3-Dichloropropene   | 20.0           | 18.84         |                  | ug/L |   | 94   | 67 - 123       |

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# QC Sample Results

Client: SCS Engineers  
Project/Site: Clinton County South 2nd 2025 GW Sampling  
Event

Job ID: 310-320142-1

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

Lab Sample ID: LCS 310-472998/6

Matrix: Water

Analysis Batch: 472998

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                     | Spike | LCS    | LCS       | Unit | D | %Rec | %Rec     |
|-----------------------------|-------|--------|-----------|------|---|------|----------|
|                             | Added | Result | Qualifier |      |   |      | Limits   |
| trans-1,4-Dichloro-2-butene | 20.0  | 17.03  |           | ug/L |   | 85   | 50 - 150 |
| Trichloroethene             | 20.0  | 21.09  |           | ug/L |   | 105  | 70 - 128 |
| Vinyl acetate               | 40.0  | 32.69  |           | ug/L |   | 82   | 50 - 150 |
| Xylenes, Total              | 40.0  | 41.34  |           | ug/L |   | 103  | 74 - 121 |

| Surrogate                   | LCS       | LCS       | Limits   |
|-----------------------------|-----------|-----------|----------|
|                             | %Recovery | Qualifier |          |
| Dibromofluoromethane (Surr) | 103       |           | 76 - 130 |
| Toluene-d8 (Surr)           | 97        |           | 80 - 120 |
| 4-Bromofluorobenzene (Surr) | 102       |           | 80 - 120 |

Lab Sample ID: LCS 310-472998/7

Matrix: Water

Analysis Batch: 472998

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                | Spike | LCS    | LCS       | Unit | D | %Rec | %Rec     |
|------------------------|-------|--------|-----------|------|---|------|----------|
|                        | Added | Result | Qualifier |      |   |      | Limits   |
| Bromomethane           | 20.0  | 14.83  |           | ug/L |   | 74   | 33 - 138 |
| Chloroethane           | 20.0  | 16.61  |           | ug/L |   | 83   | 59 - 139 |
| Chloromethane          | 20.0  | 16.30  |           | ug/L |   | 82   | 52 - 146 |
| Trichlorofluoromethane | 20.0  | 18.76  |           | ug/L |   | 94   | 55 - 150 |
| Vinyl chloride         | 20.0  | 16.37  |           | ug/L |   | 82   | 60 - 142 |

| Surrogate                   | LCS       | LCS       | Limits   |
|-----------------------------|-----------|-----------|----------|
|                             | %Recovery | Qualifier |          |
| Dibromofluoromethane (Surr) | 97        |           | 76 - 130 |
| Toluene-d8 (Surr)           | 97        |           | 80 - 120 |
| 4-Bromofluorobenzene (Surr) | 102       |           | 80 - 120 |

Lab Sample ID: MB 310-473080/6

Matrix: Water

Analysis Batch: 473080

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                     | MB     | MB        | RL    | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|-------|-------|------|---|----------|----------------|---------|
|                             | Result | Qualifier |       |       |      |   |          |                |         |
| 1,1,1,2-Tetrachloroethane   | <1.00  |           | 1.00  | 0.380 | ug/L |   |          | 11/11/25 10:45 | 1       |
| 1,1,1-Trichloroethane       | <1.00  |           | 1.00  | 0.420 | ug/L |   |          | 11/11/25 10:45 | 1       |
| 1,1,2,2-Tetrachloroethane   | <1.00  |           | 1.00  | 0.350 | ug/L |   |          | 11/11/25 10:45 | 1       |
| 1,1,2-Trichloroethane       | <1.00  |           | 1.00  | 0.330 | ug/L |   |          | 11/11/25 10:45 | 1       |
| 1,1-Dichloroethane          | <1.00  |           | 1.00  | 0.400 | ug/L |   |          | 11/11/25 10:45 | 1       |
| 1,1-Dichloroethene          | <2.00  |           | 2.00  | 0.460 | ug/L |   |          | 11/11/25 10:45 | 1       |
| 1,2,3-Trichloropropane      | <1.00  |           | 1.00  | 0.430 | ug/L |   |          | 11/11/25 10:45 | 1       |
| 1,2-Dibromo-3-Chloropropane | <1.20  |           | 1.20  | 1.20  | ug/L |   |          | 11/11/25 10:45 | 1       |
| 1,2-Dibromoethane (EDB)     | <0.340 |           | 0.340 | 0.340 | ug/L |   |          | 11/11/25 10:45 | 1       |
| 1,2-Dichlorobenzene         | <1.00  |           | 1.00  | 0.370 | ug/L |   |          | 11/11/25 10:45 | 1       |
| 1,2-Dichloroethane          | <1.00  |           | 1.00  | 0.890 | ug/L |   |          | 11/11/25 10:45 | 1       |
| 1,2-Dichloropropane         | <1.00  |           | 1.00  | 0.380 | ug/L |   |          | 11/11/25 10:45 | 1       |
| 1,4-Dichlorobenzene         | <1.00  |           | 1.00  | 0.490 | ug/L |   |          | 11/11/25 10:45 | 1       |
| 2-Butanone (MEK)            | <10.0  |           | 10.0  | 3.40  | ug/L |   |          | 11/11/25 10:45 | 1       |
| 2-Hexanone                  | <10.0  |           | 10.0  | 3.80  | ug/L |   |          | 11/11/25 10:45 | 1       |
| 4-Methyl-2-pentanone (MIBK) | <10.0  |           | 10.0  | 3.50  | ug/L |   |          | 11/11/25 10:45 | 1       |

Eurofins Cedar Falls

# QC Sample Results

Client: SCS Engineers

Job ID: 310-320142-1

Project/Site: Clinton County South 2nd 2025 GW Sampling

Event

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

Lab Sample ID: MB 310-473080/6

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 473080

| Analyte                     | MB Result | MB Qualifier | RL    | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|--------------|-------|-------|------|---|----------|----------------|---------|
| Acetone                     | <10.0     |              | 10.0  | 3.80  | ug/L |   |          | 11/11/25 10:45 | 1       |
| Acrylonitrile               | <10.0     |              | 10.0  | 2.20  | ug/L |   |          | 11/11/25 10:45 | 1       |
| Benzene                     | <0.500    |              | 0.500 | 0.220 | ug/L |   |          | 11/11/25 10:45 | 1       |
| Bromochloromethane          | <5.00     |              | 5.00  | 1.70  | ug/L |   |          | 11/11/25 10:45 | 1       |
| Bromodichloromethane        | <1.00     |              | 1.00  | 0.390 | ug/L |   |          | 11/11/25 10:45 | 1       |
| Bromoform                   | <5.00     |              | 5.00  | 2.60  | ug/L |   |          | 11/11/25 10:45 | 1       |
| Bromomethane                | <4.00     |              | 4.00  | 1.10  | ug/L |   |          | 11/11/25 10:45 | 1       |
| Carbon disulfide            | <1.00     |              | 1.00  | 0.450 | ug/L |   |          | 11/11/25 10:45 | 1       |
| Carbon tetrachloride        | <2.00     |              | 2.00  | 0.650 | ug/L |   |          | 11/11/25 10:45 | 1       |
| Chlorobenzene               | <1.00     |              | 1.00  | 0.350 | ug/L |   |          | 11/11/25 10:45 | 1       |
| Chlorodibromomethane        | <5.00     |              | 5.00  | 1.50  | ug/L |   |          | 11/11/25 10:45 | 1       |
| Chloroethane                | <4.00     |              | 4.00  | 0.900 | ug/L |   |          | 11/11/25 10:45 | 1       |
| Chloroform                  | <3.00     |              | 3.00  | 1.30  | ug/L |   |          | 11/11/25 10:45 | 1       |
| Chloromethane               | <3.00     |              | 3.00  | 0.610 | ug/L |   |          | 11/11/25 10:45 | 1       |
| cis-1,2-Dichloroethene      | <1.00     |              | 1.00  | 0.550 | ug/L |   |          | 11/11/25 10:45 | 1       |
| cis-1,3-Dichloropropene     | <5.00     |              | 5.00  | 1.20  | ug/L |   |          | 11/11/25 10:45 | 1       |
| Dibromomethane              | <1.00     |              | 1.00  | 0.330 | ug/L |   |          | 11/11/25 10:45 | 1       |
| Ethylbenzene                | <1.00     |              | 1.00  | 0.420 | ug/L |   |          | 11/11/25 10:45 | 1       |
| Iodomethane                 | <10.0     |              | 10.0  | 2.60  | ug/L |   |          | 11/11/25 10:45 | 1       |
| Methylene Chloride          | <5.00     |              | 5.00  | 1.70  | ug/L |   |          | 11/11/25 10:45 | 1       |
| Styrene                     | <1.00     |              | 1.00  | 0.370 | ug/L |   |          | 11/11/25 10:45 | 1       |
| Tetrachloroethene           | <1.00     |              | 1.00  | 0.480 | ug/L |   |          | 11/11/25 10:45 | 1       |
| Toluene                     | <1.00     |              | 1.00  | 0.430 | ug/L |   |          | 11/11/25 10:45 | 1       |
| trans-1,2-Dichloroethene    | <1.00     |              | 1.00  | 0.410 | ug/L |   |          | 11/11/25 10:45 | 1       |
| trans-1,3-Dichloropropene   | <5.00     |              | 5.00  | 2.30  | ug/L |   |          | 11/11/25 10:45 | 1       |
| trans-1,4-Dichloro-2-butene | <10.0     |              | 10.0  | 2.40  | ug/L |   |          | 11/11/25 10:45 | 1       |
| Trichloroethene             | <1.00     |              | 1.00  | 0.350 | ug/L |   |          | 11/11/25 10:45 | 1       |
| Trichlorofluoromethane      | <4.00     |              | 4.00  | 0.470 | ug/L |   |          | 11/11/25 10:45 | 1       |
| Vinyl acetate               | <10.0     |              | 10.0  | 7.10  | ug/L |   |          | 11/11/25 10:45 | 1       |
| Vinyl chloride              | <1.00     |              | 1.00  | 0.430 | ug/L |   |          | 11/11/25 10:45 | 1       |
| Xylenes, Total              | <3.00     |              | 3.00  | 1.10  | ug/L |   |          | 11/11/25 10:45 | 1       |

| Surrogate                   | MB %Recovery | MB Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|-----------------------------|--------------|--------------|----------|----------|----------------|---------|
| Dibromofluoromethane (Surr) | 106          |              | 76 - 130 |          | 11/11/25 10:45 | 1       |
| Toluene-d8 (Surr)           | 100          |              | 80 - 120 |          | 11/11/25 10:45 | 1       |
| 4-Bromofluorobenzene (Surr) | 107          |              | 80 - 120 |          | 11/11/25 10:45 | 1       |

Lab Sample ID: LCS 310-473080/7

Client Sample ID: Lab Control Sample

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 473080

| Analyte                   | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------------------------|-------------|------------|---------------|------|---|------|-------------|
| 1,1,1,2-Tetrachloroethane | 20.0        | 17.05      |               | ug/L |   | 85   | 70 - 121    |
| 1,1,1-Trichloroethane     | 20.0        | 19.54      |               | ug/L |   | 98   | 69 - 130    |
| 1,1,2,2-Tetrachloroethane | 20.0        | 17.52      |               | ug/L |   | 88   | 70 - 122    |
| 1,1,2-Trichloroethane     | 20.0        | 16.87      |               | ug/L |   | 84   | 75 - 121    |
| 1,1-Dichloroethane        | 20.0        | 18.92      |               | ug/L |   | 95   | 69 - 127    |

Eurofins Cedar Falls

# QC Sample Results

Client: SCS Engineers  
Project/Site: Clinton County South 2nd 2025 GW Sampling  
Event

Job ID: 310-320142-1

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

Lab Sample ID: LCS 310-473080/7

Matrix: Water

Analysis Batch: 473080

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                     | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|-----------------------------|-------------|------------|---------------|------|---|------|-------------|
| 1,1-Dichloroethene          | 20.0        | 19.78      |               | ug/L |   | 99   | 64 - 134    |
| 1,2,3-Trichloropropane      | 20.0        | 18.24      |               | ug/L |   | 91   | 70 - 122    |
| 1,2-Dibromo-3-Chloropropane | 20.0        | 18.77      |               | ug/L |   | 94   | 62 - 132    |
| 1,2-Dibromoethane (EDB)     | 20.0        | 16.80      |               | ug/L |   | 84   | 74 - 122    |
| 1,2-Dichlorobenzene         | 20.0        | 18.61      |               | ug/L |   | 93   | 74 - 120    |
| 1,2-Dichloroethane          | 20.0        | 19.52      |               | ug/L |   | 98   | 68 - 125    |
| 1,2-Dichloropropane         | 20.0        | 16.24      |               | ug/L |   | 81   | 72 - 128    |
| 1,4-Dichlorobenzene         | 20.0        | 17.89      |               | ug/L |   | 89   | 72 - 120    |
| 2-Butanone (MEK)            | 40.0        | 37.98      |               | ug/L |   | 95   | 60 - 134    |
| 2-Hexanone                  | 40.0        | 39.16      |               | ug/L |   | 98   | 62 - 139    |
| 4-Methyl-2-pentanone (MIBK) | 40.0        | 35.68      |               | ug/L |   | 89   | 62 - 136    |
| Acetone                     | 40.0        | 40.43      |               | ug/L |   | 101  | 59 - 136    |
| Acrylonitrile               | 200         | 208.4      |               | ug/L |   | 104  | 50 - 150    |
| Benzene                     | 20.0        | 16.98      |               | ug/L |   | 85   | 71 - 125    |
| Bromochloromethane          | 20.0        | 19.47      |               | ug/L |   | 97   | 69 - 131    |
| Bromodichloromethane        | 20.0        | 17.52      |               | ug/L |   | 88   | 70 - 122    |
| Bromoform                   | 20.0        | 17.86      |               | ug/L |   | 89   | 62 - 122    |
| Carbon disulfide            | 20.0        | 18.42      |               | ug/L |   | 92   | 58 - 137    |
| Carbon tetrachloride        | 20.0        | 19.53      |               | ug/L |   | 98   | 63 - 136    |
| Chlorobenzene               | 20.0        | 17.77      |               | ug/L |   | 89   | 74 - 120    |
| Chlorodibromomethane        | 20.0        | 18.05      |               | ug/L |   | 90   | 69 - 121    |
| Chloroform                  | 20.0        | 20.43      |               | ug/L |   | 102  | 72 - 122    |
| cis-1,2-Dichloroethene      | 20.0        | 19.53      |               | ug/L |   | 98   | 72 - 123    |
| cis-1,3-Dichloropropene     | 20.0        | 15.76      |               | ug/L |   | 79   | 72 - 123    |
| Dibromomethane              | 20.0        | 19.57      |               | ug/L |   | 98   | 72 - 122    |
| Ethylbenzene                | 20.0        | 18.67      |               | ug/L |   | 93   | 75 - 120    |
| Iodomethane                 | 20.0        | 13.87      |               | ug/L |   | 69   | 18 - 150    |
| Methylene Chloride          | 20.0        | 20.11      |               | ug/L |   | 101  | 72 - 128    |
| Styrene                     | 20.0        | 19.22      |               | ug/L |   | 96   | 74 - 122    |
| Tetrachloroethene           | 20.0        | 18.81      |               | ug/L |   | 94   | 70 - 128    |
| Toluene                     | 20.0        | 18.07      |               | ug/L |   | 90   | 74 - 120    |
| trans-1,2-Dichloroethene    | 20.0        | 18.66      |               | ug/L |   | 93   | 67 - 127    |
| trans-1,3-Dichloropropene   | 20.0        | 16.52      |               | ug/L |   | 83   | 67 - 123    |
| trans-1,4-Dichloro-2-butene | 20.0        | 17.56      |               | ug/L |   | 88   | 50 - 150    |
| Trichloroethene             | 20.0        | 16.59      |               | ug/L |   | 83   | 70 - 128    |
| Vinyl acetate               | 40.0        | 33.26      |               | ug/L |   | 83   | 50 - 150    |
| Xylenes, Total              | 40.0        | 38.47      |               | ug/L |   | 96   | 74 - 121    |

| Surrogate                   | LCS %Recovery | LCS Qualifier | Limits   |
|-----------------------------|---------------|---------------|----------|
| Dibromofluoromethane (Surr) | 107           |               | 76 - 130 |
| Toluene-d8 (Surr)           | 102           |               | 80 - 120 |
| 4-Bromofluorobenzene (Surr) | 100           |               | 80 - 120 |

Eurofins Cedar Falls

# QC Sample Results

Client: SCS Engineers

Job ID: 310-320142-1

Project/Site: Clinton County South 2nd 2025 GW Sampling

Event

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

Lab Sample ID: LCS 310-473080/8

Matrix: Water

Analysis Batch: 473080

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        | 14.78      |               | ug/L |   | 74   | 33 - 138    |
| Chloroethane           | 20.0        | 18.97      |               | ug/L |   | 95   | 59 - 139    |
| Chloromethane          | 20.0        | 18.38      |               | ug/L |   | 92   | 52 - 146    |
| Trichlorofluoromethane | 20.0        | 21.44      |               | ug/L |   | 107  | 55 - 150    |
| Vinyl chloride         | 20.0        | 19.50      |               | ug/L |   | 97   | 60 - 142    |

| Surrogate                   | LCS %Recovery | LCS Qualifier | Limits   |
|-----------------------------|---------------|---------------|----------|
| Dibromofluoromethane (Surr) | 107           |               | 76 - 130 |
| Toluene-d8 (Surr)           | 99            |               | 80 - 120 |
| 4-Bromofluorobenzene (Surr) | 105           |               | 80 - 120 |

Lab Sample ID: MB 310-473146/5

Matrix: Water

Analysis Batch: 473146

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   | <1.00     |              | 1.00  | 0.380 | ug/L |   |          | 11/11/25 22:22 | 1       |
| 1,1,1-Trichloroethane       | <1.00     |              | 1.00  | 0.420 | ug/L |   |          | 11/11/25 22:22 | 1       |
| 1,1,2,2-Tetrachloroethane   | <1.00     |              | 1.00  | 0.350 | ug/L |   |          | 11/11/25 22:22 | 1       |
| 1,1,2-Trichloroethane       | <1.00     |              | 1.00  | 0.330 | ug/L |   |          | 11/11/25 22:22 | 1       |
| 1,1-Dichloroethane          | <1.00     |              | 1.00  | 0.400 | ug/L |   |          | 11/11/25 22:22 | 1       |
| 1,1-Dichloroethene          | <2.00     |              | 2.00  | 0.460 | ug/L |   |          | 11/11/25 22:22 | 1       |
| 1,2,3-Trichloropropane      | <1.00     |              | 1.00  | 0.430 | ug/L |   |          | 11/11/25 22:22 | 1       |
| 1,2-Dibromo-3-Chloropropane | <1.20     |              | 1.20  | 1.20  | ug/L |   |          | 11/11/25 22:22 | 1       |
| 1,2-Dibromoethane (EDB)     | <0.340    |              | 0.340 | 0.340 | ug/L |   |          | 11/11/25 22:22 | 1       |
| 1,2-Dichlorobenzene         | <1.00     |              | 1.00  | 0.370 | ug/L |   |          | 11/11/25 22:22 | 1       |
| 1,2-Dichloroethane          | <1.00     |              | 1.00  | 0.890 | ug/L |   |          | 11/11/25 22:22 | 1       |
| 1,2-Dichloropropane         | <1.00     |              | 1.00  | 0.380 | ug/L |   |          | 11/11/25 22:22 | 1       |
| 1,4-Dichlorobenzene         | <1.00     |              | 1.00  | 0.490 | ug/L |   |          | 11/11/25 22:22 | 1       |
| 2-Butanone (MEK)            | <10.0     |              | 10.0  | 3.40  | ug/L |   |          | 11/11/25 22:22 | 1       |
| 2-Hexanone                  | <10.0     |              | 10.0  | 3.80  | ug/L |   |          | 11/11/25 22:22 | 1       |
| 4-Methyl-2-pentanone (MIBK) | <10.0     |              | 10.0  | 3.50  | ug/L |   |          | 11/11/25 22:22 | 1       |
| Acetone                     | <10.0     |              | 10.0  | 3.80  | ug/L |   |          | 11/11/25 22:22 | 1       |
| Acrylonitrile               | <10.0     |              | 10.0  | 2.20  | ug/L |   |          | 11/11/25 22:22 | 1       |
| Benzene                     | <0.500    |              | 0.500 | 0.220 | ug/L |   |          | 11/11/25 22:22 | 1       |
| Bromochloromethane          | <5.00     |              | 5.00  | 1.70  | ug/L |   |          | 11/11/25 22:22 | 1       |
| Bromodichloromethane        | <1.00     |              | 1.00  | 0.390 | ug/L |   |          | 11/11/25 22:22 | 1       |
| Bromoform                   | <5.00     |              | 5.00  | 2.60  | ug/L |   |          | 11/11/25 22:22 | 1       |
| Bromomethane                | <4.00     |              | 4.00  | 1.10  | ug/L |   |          | 11/11/25 22:22 | 1       |
| Carbon disulfide            | <1.00     |              | 1.00  | 0.450 | ug/L |   |          | 11/11/25 22:22 | 1       |
| Carbon tetrachloride        | <2.00     |              | 2.00  | 0.650 | ug/L |   |          | 11/11/25 22:22 | 1       |
| Chlorobenzene               | <1.00     |              | 1.00  | 0.350 | ug/L |   |          | 11/11/25 22:22 | 1       |
| Chlorodibromomethane        | <5.00     |              | 5.00  | 1.50  | ug/L |   |          | 11/11/25 22:22 | 1       |
| Chloroethane                | <4.00     |              | 4.00  | 0.900 | ug/L |   |          | 11/11/25 22:22 | 1       |
| Chloroform                  | <3.00     |              | 3.00  | 1.30  | ug/L |   |          | 11/11/25 22:22 | 1       |
| Chloromethane               | <3.00     |              | 3.00  | 0.610 | ug/L |   |          | 11/11/25 22:22 | 1       |
| cis-1,2-Dichloroethene      | <1.00     |              | 1.00  | 0.550 | ug/L |   |          | 11/11/25 22:22 | 1       |

Eurofins Cedar Falls



# QC Sample Results

Client: SCS Engineers  
Project/Site: Clinton County South 2nd 2025 GW Sampling  
Event

Job ID: 310-320142-1

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

Lab Sample ID: MB 310-473146/5

Matrix: Water

Analysis Batch: 473146

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                     | MB Result | MB Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|--------------|------|-------|------|---|----------|----------------|---------|
| cis-1,3-Dichloropropene     | <5.00     |              | 5.00 | 1.20  | ug/L |   |          | 11/11/25 22:22 | 1       |
| Dibromomethane              | <1.00     |              | 1.00 | 0.330 | ug/L |   |          | 11/11/25 22:22 | 1       |
| Ethylbenzene                | <1.00     |              | 1.00 | 0.420 | ug/L |   |          | 11/11/25 22:22 | 1       |
| Iodomethane                 | <10.0     |              | 10.0 | 2.60  | ug/L |   |          | 11/11/25 22:22 | 1       |
| Methylene Chloride          | <5.00     |              | 5.00 | 1.70  | ug/L |   |          | 11/11/25 22:22 | 1       |
| Styrene                     | <1.00     |              | 1.00 | 0.370 | ug/L |   |          | 11/11/25 22:22 | 1       |
| Tetrachloroethene           | <1.00     |              | 1.00 | 0.480 | ug/L |   |          | 11/11/25 22:22 | 1       |
| Toluene                     | <1.00     |              | 1.00 | 0.430 | ug/L |   |          | 11/11/25 22:22 | 1       |
| trans-1,2-Dichloroethene    | <1.00     |              | 1.00 | 0.410 | ug/L |   |          | 11/11/25 22:22 | 1       |
| trans-1,3-Dichloropropene   | <5.00     |              | 5.00 | 2.30  | ug/L |   |          | 11/11/25 22:22 | 1       |
| trans-1,4-Dichloro-2-butene | <10.0     |              | 10.0 | 2.40  | ug/L |   |          | 11/11/25 22:22 | 1       |
| Trichloroethene             | <1.00     |              | 1.00 | 0.350 | ug/L |   |          | 11/11/25 22:22 | 1       |
| Trichlorofluoromethane      | <4.00     |              | 4.00 | 0.470 | ug/L |   |          | 11/11/25 22:22 | 1       |
| Vinyl acetate               | <10.0     |              | 10.0 | 7.10  | ug/L |   |          | 11/11/25 22:22 | 1       |
| Vinyl chloride              | <1.00     |              | 1.00 | 0.430 | ug/L |   |          | 11/11/25 22:22 | 1       |
| Xylenes, Total              | <3.00     |              | 3.00 | 1.10  | ug/L |   |          | 11/11/25 22:22 | 1       |

| Surrogate                   | MB %Recovery | MB Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|-----------------------------|--------------|--------------|----------|----------|----------------|---------|
| Dibromofluoromethane (Surr) | 97           |              | 76 - 130 |          | 11/11/25 22:22 | 1       |
| Toluene-d8 (Surr)           | 94           |              | 80 - 120 |          | 11/11/25 22:22 | 1       |
| 4-Bromofluorobenzene (Surr) | 103          |              | 80 - 120 |          | 11/11/25 22:22 | 1       |

Lab Sample ID: LCS 310-473146/6

Matrix: Water

Analysis Batch: 473146

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        | 19.58      |               | ug/L |   | 98   | 70 - 121    |
| 1,1,1-Trichloroethane       | 20.0        | 19.03      |               | ug/L |   | 95   | 69 - 130    |
| 1,1,2,2-Tetrachloroethane   | 20.0        | 18.43      |               | ug/L |   | 92   | 70 - 122    |
| 1,1,2-Trichloroethane       | 20.0        | 18.69      |               | ug/L |   | 93   | 75 - 121    |
| 1,1-Dichloroethane          | 20.0        | 18.58      |               | ug/L |   | 93   | 69 - 127    |
| 1,1-Dichloroethene          | 20.0        | 19.83      |               | ug/L |   | 99   | 64 - 134    |
| 1,2,3-Trichloropropane      | 20.0        | 19.65      |               | ug/L |   | 98   | 70 - 122    |
| 1,2-Dibromo-3-Chloropropane | 20.0        | 18.18      |               | ug/L |   | 91   | 62 - 132    |
| 1,2-Dibromoethane (EDB)     | 20.0        | 19.45      |               | ug/L |   | 97   | 74 - 122    |
| 1,2-Dichlorobenzene         | 20.0        | 19.42      |               | ug/L |   | 97   | 74 - 120    |
| 1,2-Dichloroethane          | 20.0        | 19.08      |               | ug/L |   | 95   | 68 - 125    |
| 1,2-Dichloropropane         | 20.0        | 17.83      |               | ug/L |   | 89   | 72 - 128    |
| 1,4-Dichlorobenzene         | 20.0        | 19.22      |               | ug/L |   | 96   | 72 - 120    |
| 2-Butanone (MEK)            | 40.0        | 31.76      |               | ug/L |   | 79   | 60 - 134    |
| 2-Hexanone                  | 40.0        | 30.66      |               | ug/L |   | 77   | 62 - 139    |
| 4-Methyl-2-pentanone (MIBK) | 40.0        | 32.47      |               | ug/L |   | 81   | 62 - 136    |
| Acetone                     | 40.0        | 31.62      |               | ug/L |   | 79   | 59 - 136    |
| Acrylonitrile               | 200         | 185.3      |               | ug/L |   | 93   | 50 - 150    |
| Benzene                     | 20.0        | 18.89      |               | ug/L |   | 94   | 71 - 125    |
| Bromochloromethane          | 20.0        | 21.62      |               | ug/L |   | 108  | 69 - 131    |

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# QC Sample Results

Client: SCS Engineers

Job ID: 310-320142-1

Project/Site: Clinton County South 2nd 2025 GW Sampling

Event

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

Lab Sample ID: LCS 310-473146/6

Matrix: Water

Analysis Batch: 473146

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                     | Spike<br>Added | LCS<br>Result | LCS<br>Qualifier | Unit | D | %Rec | %Rec<br>Limits |
|-----------------------------|----------------|---------------|------------------|------|---|------|----------------|
|                             |                |               |                  |      |   |      |                |
| Bromodichloromethane        | 20.0           | 18.48         |                  | ug/L |   | 92   | 70 - 122       |
| Bromoform                   | 20.0           | 19.42         |                  | ug/L |   | 97   | 62 - 122       |
| Carbon disulfide            | 20.0           | 19.39         |                  | ug/L |   | 97   | 58 - 137       |
| Carbon tetrachloride        | 20.0           | 19.10         |                  | ug/L |   | 96   | 63 - 136       |
| Chlorobenzene               | 20.0           | 19.15         |                  | ug/L |   | 96   | 74 - 120       |
| Chlorodibromomethane        | 20.0           | 18.72         |                  | ug/L |   | 94   | 69 - 121       |
| Chloroform                  | 20.0           | 19.15         |                  | ug/L |   | 96   | 72 - 122       |
| cis-1,2-Dichloroethene      | 20.0           | 20.51         |                  | ug/L |   | 103  | 72 - 123       |
| cis-1,3-Dichloropropene     | 20.0           | 16.80         |                  | ug/L |   | 84   | 72 - 123       |
| Dibromomethane              | 20.0           | 19.71         |                  | ug/L |   | 99   | 72 - 122       |
| Ethylbenzene                | 20.0           | 18.65         |                  | ug/L |   | 93   | 75 - 120       |
| Iodomethane                 | 20.0           | 16.08         |                  | ug/L |   | 80   | 18 - 150       |
| Methylene Chloride          | 20.0           | 19.07         |                  | ug/L |   | 95   | 72 - 128       |
| Styrene                     | 20.0           | 19.68         |                  | ug/L |   | 98   | 74 - 122       |
| Tetrachloroethene           | 20.0           | 20.80         |                  | ug/L |   | 104  | 70 - 128       |
| Toluene                     | 20.0           | 18.86         |                  | ug/L |   | 94   | 74 - 120       |
| trans-1,2-Dichloroethene    | 20.0           | 20.60         |                  | ug/L |   | 103  | 67 - 127       |
| trans-1,3-Dichloropropene   | 20.0           | 16.94         |                  | ug/L |   | 85   | 67 - 123       |
| trans-1,4-Dichloro-2-butene | 20.0           | 16.18         |                  | ug/L |   | 81   | 50 - 150       |
| Trichloroethene             | 20.0           | 19.23         |                  | ug/L |   | 96   | 70 - 128       |
| Vinyl acetate               | 40.0           | 29.93         |                  | ug/L |   | 75   | 50 - 150       |
| Xylenes, Total              | 40.0           | 37.75         |                  | ug/L |   | 94   | 74 - 121       |

| Surrogate                   | LCS LCS   |           | Limits   |
|-----------------------------|-----------|-----------|----------|
|                             | %Recovery | Qualifier |          |
| Dibromofluoromethane (Surr) | 102       |           | 76 - 130 |
| Toluene-d8 (Surr)           | 97        |           | 80 - 120 |
| 4-Bromofluorobenzene (Surr) | 101       |           | 80 - 120 |

Lab Sample ID: LCS 310-473146/7

Matrix: Water

Analysis Batch: 473146

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                | Spike<br>Added | LCS<br>Result | LCS<br>Qualifier | Unit | D | %Rec | %Rec<br>Limits |
|------------------------|----------------|---------------|------------------|------|---|------|----------------|
|                        |                |               |                  |      |   |      |                |
| Bromomethane           | 20.0           | 17.63         |                  | ug/L |   | 88   | 33 - 138       |
| Chloroethane           | 20.0           | 18.99         |                  | ug/L |   | 95   | 59 - 139       |
| Chloromethane          | 20.0           | 18.43         |                  | ug/L |   | 92   | 52 - 146       |
| Trichlorofluoromethane | 20.0           | 20.87         |                  | ug/L |   | 104  | 55 - 150       |
| Vinyl chloride         | 20.0           | 18.87         |                  | ug/L |   | 94   | 60 - 142       |

| Surrogate                   | LCS LCS   |           | Limits   |
|-----------------------------|-----------|-----------|----------|
|                             | %Recovery | Qualifier |          |
| Dibromofluoromethane (Surr) | 96        |           | 76 - 130 |
| Toluene-d8 (Surr)           | 95        |           | 80 - 120 |
| 4-Bromofluorobenzene (Surr) | 102       |           | 80 - 120 |

Eurofins Cedar Falls

# QC Sample Results

Client: SCS Engineers

Job ID: 310-320142-1

Project/Site: Clinton County South 2nd 2025 GW Sampling

Event

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

Lab Sample ID: MB 310-473296/5

Matrix: Water

Analysis Batch: 473296

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   | <1.00     |              | 1.00  | 0.380 | ug/L |   |          | 11/12/25 13:48 | 1       |
| 1,1,1-Trichloroethane       | <1.00     |              | 1.00  | 0.420 | ug/L |   |          | 11/12/25 13:48 | 1       |
| 1,1,2,2-Tetrachloroethane   | <1.00     |              | 1.00  | 0.350 | ug/L |   |          | 11/12/25 13:48 | 1       |
| 1,1,2-Trichloroethane       | <1.00     |              | 1.00  | 0.330 | ug/L |   |          | 11/12/25 13:48 | 1       |
| 1,1-Dichloroethane          | <1.00     |              | 1.00  | 0.400 | ug/L |   |          | 11/12/25 13:48 | 1       |
| 1,1-Dichloroethene          | <2.00     |              | 2.00  | 0.460 | ug/L |   |          | 11/12/25 13:48 | 1       |
| 1,2,3-Trichloropropane      | <1.00     |              | 1.00  | 0.430 | ug/L |   |          | 11/12/25 13:48 | 1       |
| 1,2-Dibromo-3-Chloropropane | <1.20     |              | 1.20  | 1.20  | ug/L |   |          | 11/12/25 13:48 | 1       |
| 1,2-Dibromoethane (EDB)     | <0.340    |              | 0.340 | 0.340 | ug/L |   |          | 11/12/25 13:48 | 1       |
| 1,2-Dichlorobenzene         | <1.00     |              | 1.00  | 0.370 | ug/L |   |          | 11/12/25 13:48 | 1       |
| 1,2-Dichloroethane          | <1.00     |              | 1.00  | 0.890 | ug/L |   |          | 11/12/25 13:48 | 1       |
| 1,2-Dichloropropane         | <1.00     |              | 1.00  | 0.380 | ug/L |   |          | 11/12/25 13:48 | 1       |
| 1,4-Dichlorobenzene         | <1.00     |              | 1.00  | 0.490 | ug/L |   |          | 11/12/25 13:48 | 1       |
| 2-Butanone (MEK)            | <10.0     |              | 10.0  | 3.40  | ug/L |   |          | 11/12/25 13:48 | 1       |
| 2-Hexanone                  | <10.0     |              | 10.0  | 3.80  | ug/L |   |          | 11/12/25 13:48 | 1       |
| 4-Methyl-2-pentanone (MIBK) | <10.0     |              | 10.0  | 3.50  | ug/L |   |          | 11/12/25 13:48 | 1       |
| Acetone                     | <10.0     |              | 10.0  | 3.80  | ug/L |   |          | 11/12/25 13:48 | 1       |
| Acrylonitrile               | <10.0     |              | 10.0  | 2.20  | ug/L |   |          | 11/12/25 13:48 | 1       |
| Benzene                     | <0.500    |              | 0.500 | 0.220 | ug/L |   |          | 11/12/25 13:48 | 1       |
| Bromochloromethane          | <5.00     |              | 5.00  | 1.70  | ug/L |   |          | 11/12/25 13:48 | 1       |
| Bromodichloromethane        | <1.00     |              | 1.00  | 0.390 | ug/L |   |          | 11/12/25 13:48 | 1       |
| Bromoform                   | <5.00     |              | 5.00  | 2.60  | ug/L |   |          | 11/12/25 13:48 | 1       |
| Bromomethane                | <4.00     |              | 4.00  | 1.10  | ug/L |   |          | 11/12/25 13:48 | 1       |
| Carbon disulfide            | <1.00     |              | 1.00  | 0.450 | ug/L |   |          | 11/12/25 13:48 | 1       |
| Carbon tetrachloride        | <2.00     |              | 2.00  | 0.650 | ug/L |   |          | 11/12/25 13:48 | 1       |
| Chlorobenzene               | <1.00     |              | 1.00  | 0.350 | ug/L |   |          | 11/12/25 13:48 | 1       |
| Chlorodibromomethane        | <5.00     |              | 5.00  | 1.50  | ug/L |   |          | 11/12/25 13:48 | 1       |
| Chloroethane                | <4.00     |              | 4.00  | 0.900 | ug/L |   |          | 11/12/25 13:48 | 1       |
| Chloroform                  | <3.00     |              | 3.00  | 1.30  | ug/L |   |          | 11/12/25 13:48 | 1       |
| Chloromethane               | <3.00     |              | 3.00  | 0.610 | ug/L |   |          | 11/12/25 13:48 | 1       |
| cis-1,2-Dichloroethene      | <1.00     |              | 1.00  | 0.550 | ug/L |   |          | 11/12/25 13:48 | 1       |
| cis-1,3-Dichloropropene     | <5.00     |              | 5.00  | 1.20  | ug/L |   |          | 11/12/25 13:48 | 1       |
| Dibromomethane              | <1.00     |              | 1.00  | 0.330 | ug/L |   |          | 11/12/25 13:48 | 1       |
| Ethylbenzene                | <1.00     |              | 1.00  | 0.420 | ug/L |   |          | 11/12/25 13:48 | 1       |
| Iodomethane                 | <10.0     |              | 10.0  | 2.60  | ug/L |   |          | 11/12/25 13:48 | 1       |
| Methylene Chloride          | <5.00     |              | 5.00  | 1.70  | ug/L |   |          | 11/12/25 13:48 | 1       |
| Styrene                     | <1.00     |              | 1.00  | 0.370 | ug/L |   |          | 11/12/25 13:48 | 1       |
| Tetrachloroethene           | <1.00     |              | 1.00  | 0.480 | ug/L |   |          | 11/12/25 13:48 | 1       |
| Toluene                     | <1.00     |              | 1.00  | 0.430 | ug/L |   |          | 11/12/25 13:48 | 1       |
| trans-1,2-Dichloroethene    | <1.00     |              | 1.00  | 0.410 | ug/L |   |          | 11/12/25 13:48 | 1       |
| trans-1,3-Dichloropropene   | <5.00     |              | 5.00  | 2.30  | ug/L |   |          | 11/12/25 13:48 | 1       |
| trans-1,4-Dichloro-2-butene | <10.0     |              | 10.0  | 2.40  | ug/L |   |          | 11/12/25 13:48 | 1       |
| Trichloroethene             | <1.00     |              | 1.00  | 0.350 | ug/L |   |          | 11/12/25 13:48 | 1       |
| Trichlorofluoromethane      | <4.00     |              | 4.00  | 0.470 | ug/L |   |          | 11/12/25 13:48 | 1       |
| Vinyl acetate               | <10.0     |              | 10.0  | 7.10  | ug/L |   |          | 11/12/25 13:48 | 1       |
| Vinyl chloride              | <1.00     |              | 1.00  | 0.430 | ug/L |   |          | 11/12/25 13:48 | 1       |
| Xylenes, Total              | <3.00     |              | 3.00  | 1.10  | ug/L |   |          | 11/12/25 13:48 | 1       |

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# QC Sample Results

Client: SCS Engineers  
Project/Site: Clinton County South 2nd 2025 GW Sampling  
Event

Job ID: 310-320142-1

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

Lab Sample ID: MB 310-473296/5

Matrix: Water

Analysis Batch: 473296

Client Sample ID: Method Blank

Prep Type: Total/NA

| Surrogate                   | MB %Recovery | MB Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|-----------------------------|--------------|--------------|----------|----------|----------------|---------|
| Dibromofluoromethane (Surr) | 103          |              | 76 - 130 |          | 11/12/25 13:48 | 1       |
| Toluene-d8 (Surr)           | 102          |              | 80 - 120 |          | 11/12/25 13:48 | 1       |
| 4-Bromofluorobenzene (Surr) | 109          |              | 80 - 120 |          | 11/12/25 13:48 | 1       |

Lab Sample ID: LCS 310-473296/6

Matrix: Water

Analysis Batch: 473296

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        | 21.44      |               | ug/L |   | 107  | 70 - 121    |
| 1,1,1-Trichloroethane       | 20.0        | 19.89      |               | ug/L |   | 99   | 69 - 130    |
| 1,1,2,2-Tetrachloroethane   | 20.0        | 21.60      |               | ug/L |   | 108  | 70 - 122    |
| 1,1,2-Trichloroethane       | 20.0        | 20.60      |               | ug/L |   | 103  | 75 - 121    |
| 1,1-Dichloroethane          | 20.0        | 20.80      |               | ug/L |   | 104  | 69 - 127    |
| 1,1-Dichloroethene          | 20.0        | 22.53      |               | ug/L |   | 113  | 64 - 134    |
| 1,2,3-Trichloropropane      | 20.0        | 23.21      |               | ug/L |   | 116  | 70 - 122    |
| 1,2-Dibromo-3-Chloropropane | 20.0        | 23.51      |               | ug/L |   | 118  | 62 - 132    |
| 1,2-Dibromoethane (EDB)     | 20.0        | 21.48      |               | ug/L |   | 107  | 74 - 122    |
| 1,2-Dichlorobenzene         | 20.0        | 23.14      |               | ug/L |   | 116  | 74 - 120    |
| 1,2-Dichloroethane          | 20.0        | 18.98      |               | ug/L |   | 95   | 68 - 125    |
| 1,2-Dichloropropane         | 20.0        | 19.30      |               | ug/L |   | 97   | 72 - 128    |
| 1,4-Dichlorobenzene         | 20.0        | 23.07      |               | ug/L |   | 115  | 72 - 120    |
| 2-Butanone (MEK)            | 40.0        | 38.95      |               | ug/L |   | 97   | 60 - 134    |
| 2-Hexanone                  | 40.0        | 39.60      |               | ug/L |   | 99   | 62 - 139    |
| 4-Methyl-2-pentanone (MIBK) | 40.0        | 38.33      |               | ug/L |   | 96   | 62 - 136    |
| Acetone                     | 40.0        | 37.60      |               | ug/L |   | 94   | 59 - 136    |
| Acrylonitrile               | 200         | 202.1      |               | ug/L |   | 101  | 50 - 150    |
| Benzene                     | 20.0        | 19.71      |               | ug/L |   | 99   | 71 - 125    |
| Bromochloromethane          | 20.0        | 20.44      |               | ug/L |   | 102  | 69 - 131    |
| Bromodichloromethane        | 20.0        | 19.50      |               | ug/L |   | 97   | 70 - 122    |
| Bromoform                   | 20.0        | 20.32      |               | ug/L |   | 102  | 62 - 122    |
| Carbon disulfide            | 20.0        | 21.41      |               | ug/L |   | 107  | 58 - 137    |
| Carbon tetrachloride        | 20.0        | 21.02      |               | ug/L |   | 105  | 63 - 136    |
| Chlorobenzene               | 20.0        | 21.46      |               | ug/L |   | 107  | 74 - 120    |
| Chlorodibromomethane        | 20.0        | 21.24      |               | ug/L |   | 106  | 69 - 121    |
| Chloroform                  | 20.0        | 19.44      |               | ug/L |   | 97   | 72 - 122    |
| cis-1,2-Dichloroethene      | 20.0        | 20.78      |               | ug/L |   | 104  | 72 - 123    |
| cis-1,3-Dichloropropene     | 20.0        | 19.91      |               | ug/L |   | 100  | 72 - 123    |
| Dibromomethane              | 20.0        | 19.85      |               | ug/L |   | 99   | 72 - 122    |
| Ethylbenzene                | 20.0        | 22.22      |               | ug/L |   | 111  | 75 - 120    |
| Iodomethane                 | 20.0        | 20.77      |               | ug/L |   | 104  | 18 - 150    |
| Methylene Chloride          | 20.0        | 21.98      |               | ug/L |   | 110  | 72 - 128    |
| Styrene                     | 20.0        | 21.61      |               | ug/L |   | 108  | 74 - 122    |
| Tetrachloroethene           | 20.0        | 23.17      |               | ug/L |   | 116  | 70 - 128    |
| Toluene                     | 20.0        | 21.49      |               | ug/L |   | 107  | 74 - 120    |
| trans-1,2-Dichloroethene    | 20.0        | 21.61      |               | ug/L |   | 108  | 67 - 127    |
| trans-1,3-Dichloropropene   | 20.0        | 17.94      |               | ug/L |   | 90   | 67 - 123    |

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# QC Sample Results

Client: SCS Engineers  
Project/Site: Clinton County South 2nd 2025 GW Sampling  
Event

Job ID: 310-320142-1

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

Lab Sample ID: LCS 310-473296/6

Matrix: Water

Analysis Batch: 473296

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                     | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|-----------------------------|-------------|------------|---------------|------|---|------|-------------|
| trans-1,4-Dichloro-2-butene | 20.0        | 18.78      |               | ug/L |   | 94   | 50 - 150    |
| Trichloroethene             | 20.0        | 19.75      |               | ug/L |   | 99   | 70 - 128    |
| Vinyl acetate               | 40.0        | 34.87      |               | ug/L |   | 87   | 50 - 150    |
| Xylenes, Total              | 40.0        | 43.57      |               | ug/L |   | 109  | 74 - 121    |

| Surrogate                   | LCS %Recovery | LCS Qualifier | Limits   |
|-----------------------------|---------------|---------------|----------|
| Dibromofluoromethane (Surr) | 98            |               | 76 - 130 |
| Toluene-d8 (Surr)           | 104           |               | 80 - 120 |
| 4-Bromofluorobenzene (Surr) | 101           |               | 80 - 120 |

Lab Sample ID: LCS 310-473296/7

Matrix: Water

Analysis Batch: 473296

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        | 26.01      |               | ug/L |   | 130  | 33 - 138    |
| Chloroethane           | 20.0        | 21.55      |               | ug/L |   | 108  | 59 - 139    |
| Chloromethane          | 20.0        | 21.55      |               | ug/L |   | 108  | 52 - 146    |
| Trichlorofluoromethane | 20.0        | 22.64      |               | ug/L |   | 113  | 55 - 150    |
| Vinyl chloride         | 20.0        | 20.58      |               | ug/L |   | 103  | 60 - 142    |

| Surrogate                   | LCS %Recovery | LCS Qualifier | Limits   |
|-----------------------------|---------------|---------------|----------|
| Dibromofluoromethane (Surr) | 103           |               | 76 - 130 |
| Toluene-d8 (Surr)           | 101           |               | 80 - 120 |
| 4-Bromofluorobenzene (Surr) | 109           |               | 80 - 120 |

## Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 310-473109/1-A

Matrix: Water

Analysis Batch: 473730

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 473109

| Analyte                     | MB Result    | MB Qualifier | RL       | MDL   | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------------|--------------|----------|-------|------|---|----------------|----------------|---------|
| Methylphenol, 3 & 4         | <10.0        |              | 10.0     | 0.700 | ug/L |   | 11/11/25 10:43 | 11/17/25 16:58 | 1       |
| Surrogate                   | MB %Recovery | MB Qualifier | Limits   |       |      |   | Prepared       | Analyzed       | Dil Fac |
| 2-Fluorophenol (Surr)       | 111          | S1+          | 21 - 110 |       |      |   | 11/11/25 10:43 | 11/17/25 16:58 | 1       |
| Phenol-d5 (Surr)            | 91           |              | 21 - 110 |       |      |   | 11/11/25 10:43 | 11/17/25 16:58 | 1       |
| 2,4,6-Tribromophenol (Surr) | 148          | S1+          | 20 - 144 |       |      |   | 11/11/25 10:43 | 11/17/25 16:58 | 1       |

Lab Sample ID: LCS 310-473109/2-A

Matrix: Water

Analysis Batch: 473730

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 473109

| Analyte             | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------------------|-------------|------------|---------------|------|---|------|-------------|
| Methylphenol, 3 & 4 | 100         | 75.55      |               | ug/L |   | 76   | 45 - 114    |

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# QC Sample Results

Client: SCS Engineers  
Project/Site: Clinton County South 2nd 2025 GW Sampling  
Event

Job ID: 310-320142-1

## Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 310-473109/2-A

Matrix: Water

Analysis Batch: 473730

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 473109

|                             | LCS       | LCS       |          |
|-----------------------------|-----------|-----------|----------|
| Surrogate                   | %Recovery | Qualifier | Limits   |
| 2-Fluorophenol (Surr)       | 92        |           | 21 - 110 |
| Phenol-d5 (Surr)            | 74        |           | 21 - 110 |
| 2,4,6-Tribromophenol (Surr) | 130       |           | 20 - 144 |

## Method: 8151A - Herbicides (GC)

Lab Sample ID: MB 410-728954/1-A

Matrix: Water

Analysis Batch: 729105

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 728954

| Analyte   | MB        | MB        | RL       | MDL            | Unit           | D       | Prepared       | Analyzed       | Dil Fac |
|-----------|-----------|-----------|----------|----------------|----------------|---------|----------------|----------------|---------|
| 2,4-D     | Result    | Qualifier |          |                |                |         | 11/12/25 20:09 | 11/13/25 18:21 | 1       |
|           | <0.600    |           | 0.600    | 0.250          | ug/L           |         |                |                |         |
| Surrogate | MB        | MB        | Limits   | Prepared       | Analyzed       | Dil Fac |                |                |         |
|           | %Recovery | Qualifier |          |                |                |         |                |                |         |
| DCAA      | 114       |           | 34 - 142 | 11/12/25 20:09 | 11/13/25 18:21 | 1       |                |                |         |
| DCAA      | 92        |           | 34 - 142 | 11/12/25 20:09 | 11/13/25 18:21 | 1       |                |                |         |

Lab Sample ID: LCS 410-728954/2-A

Matrix: Water

Analysis Batch: 729105

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 728954

| Analyte   | Spike     | LCS       | LCS       | Unit | D | %Rec | %Rec     |     |       |
|-----------|-----------|-----------|-----------|------|---|------|----------|-----|-------|
|           | Added     | Result    | Qualifier |      |   |      | Limits   | RPD | Limit |
| 2,4-D     | 2.00      | 1.892     |           | ug/L |   | 95   | 53 - 159 | 3   | 30    |
| Surrogate | LCS       | LCS       | Limits    |      |   |      |          |     |       |
|           | %Recovery | Qualifier |           |      |   |      |          |     |       |
| DCAA      | 109       |           | 34 - 142  |      |   |      |          |     |       |
| DCAA      | 90        |           | 34 - 142  |      |   |      |          |     |       |

Lab Sample ID: LCSD 410-728954/3-A

Matrix: Water

Analysis Batch: 729105

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 728954

| Analyte   | Spike     | LCSD      | LCSD      | Unit | D | %Rec | %Rec     | RPD | Limit |
|-----------|-----------|-----------|-----------|------|---|------|----------|-----|-------|
|           | Added     | Result    | Qualifier |      |   |      | Limits   |     |       |
| 2,4-D     | 2.00      | 1.943     |           | ug/L |   | 97   | 53 - 159 | 3   | 30    |
| Surrogate | LCSD      | LCSD      | Limits    |      |   |      |          |     |       |
|           | %Recovery | Qualifier |           |      |   |      |          |     |       |
| DCAA      | 113       |           | 34 - 142  |      |   |      |          |     |       |
| DCAA      | 93        |           | 34 - 142  |      |   |      |          |     |       |

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

Lab Sample ID: MB 310-473182/1-A

Matrix: Water

Analysis Batch: 473366

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 473182

| Analyte  | MB       | MB        | RL      | MDL     | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------|----------|-----------|---------|---------|------|---|----------------|----------------|---------|
| Antimony | Result   | Qualifier |         |         |      |   | 11/12/25 09:00 | 11/12/25 18:06 | 1       |
|          | <0.00200 | ^1+       | 0.00200 | 0.00100 | mg/L |   |                |                |         |

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# QC Sample Results

Client: SCS Engineers

Job ID: 310-320142-1

Project/Site: Clinton County South 2nd 2025 GW Sampling

Event

## Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 310-473182/1-A

Matrix: Water

Analysis Batch: 473366

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 473182

| Analyte   | MB<br>Result | MB<br>Qualifier | RL       | MDL      | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------|--------------|-----------------|----------|----------|------|---|----------------|----------------|---------|
| Arsenic   | <0.00200     |                 | 0.00200  | 0.000530 | mg/L |   | 11/12/25 09:00 | 11/12/25 18:06 | 1       |
| Barium    | <0.00200     |                 | 0.00200  | 0.000660 | mg/L |   | 11/12/25 09:00 | 11/12/25 18:06 | 1       |
| Beryllium | <0.00100     |                 | 0.00100  | 0.000330 | mg/L |   | 11/12/25 09:00 | 11/12/25 18:06 | 1       |
| Cadmium   | <0.000200    |                 | 0.000200 | 0.000100 | mg/L |   | 11/12/25 09:00 | 11/12/25 18:06 | 1       |
| Chromium  | <0.00500     |                 | 0.00500  | 0.00180  | mg/L |   | 11/12/25 09:00 | 11/12/25 18:06 | 1       |
| Cobalt    | <0.000500    |                 | 0.000500 | 0.000170 | mg/L |   | 11/12/25 09:00 | 11/12/25 18:06 | 1       |
| Copper    | 0.01283      |                 | 0.00500  | 0.00320  | mg/L |   | 11/12/25 09:00 | 11/12/25 18:06 | 1       |
| Lead      | 0.005170     |                 | 0.000500 | 0.000330 | mg/L |   | 11/12/25 09:00 | 11/12/25 18:06 | 1       |
| Nickel    | <0.00500     |                 | 0.00500  | 0.00230  | mg/L |   | 11/12/25 09:00 | 11/12/25 18:06 | 1       |
| Selenium  | <0.00500     |                 | 0.00500  | 0.00140  | mg/L |   | 11/12/25 09:00 | 11/12/25 18:06 | 1       |
| Silver    | <0.00100     |                 | 0.00100  | 0.000500 | mg/L |   | 11/12/25 09:00 | 11/12/25 18:06 | 1       |
| Thallium  | <0.00100     |                 | 0.00100  | 0.000570 | mg/L |   | 11/12/25 09:00 | 11/12/25 18:06 | 1       |
| Vanadium  | <0.00500     |                 | 0.00500  | 0.00170  | mg/L |   | 11/12/25 09:00 | 11/12/25 18:06 | 1       |
| Zinc      | 0.1375       |                 | 0.0200   | 0.0130   | mg/L |   | 11/12/25 09:00 | 11/12/25 18:06 | 1       |

Lab Sample ID: MB 310-473182/1-A

Matrix: Water

Analysis Batch: 473479

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 473182

| Analyte  | MB<br>Result | MB<br>Qualifier | RL       | MDL      | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------|--------------|-----------------|----------|----------|------|---|----------------|----------------|---------|
| Antimony | <0.00200     |                 | 0.00200  | 0.00100  | mg/L |   | 11/12/25 09:00 | 11/13/25 14:40 | 1       |
| Copper   | <0.00500     |                 | 0.00500  | 0.00320  | mg/L |   | 11/12/25 09:00 | 11/13/25 14:40 | 1       |
| Lead     | <0.000500    |                 | 0.000500 | 0.000330 | mg/L |   | 11/12/25 09:00 | 11/13/25 14:40 | 1       |
| Zinc     | <0.0200      |                 | 0.0200   | 0.0130   | mg/L |   | 11/12/25 09:00 | 11/13/25 14:40 | 1       |

Lab Sample ID: LCS 310-473182/2-A

Matrix: Water

Analysis Batch: 473366

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 473182

| Analyte   | Spike<br>Added | LCS<br>Result | LCS<br>Qualifier | Unit | D | %Rec | %Rec<br>Limits |
|-----------|----------------|---------------|------------------|------|---|------|----------------|
| Antimony  | 0.200          | 0.2034        | ^1+              | mg/L |   | 102  | 80 - 120       |
| Arsenic   | 0.200          | 0.1836        |                  | mg/L |   | 92   | 80 - 120       |
| Barium    | 0.100          | 0.09255       |                  | mg/L |   | 93   | 80 - 120       |
| Beryllium | 0.100          | 0.09396       |                  | mg/L |   | 94   | 80 - 120       |
| Cadmium   | 0.100          | 0.09182       |                  | mg/L |   | 92   | 80 - 120       |
| Chromium  | 0.100          | 0.09694       |                  | mg/L |   | 97   | 80 - 120       |
| Cobalt    | 0.100          | 0.09217       |                  | mg/L |   | 92   | 80 - 120       |
| Copper    | 0.200          | 0.1969        |                  | mg/L |   | 98   | 80 - 120       |
| Lead      | 0.200          | 0.1808        |                  | mg/L |   | 90   | 80 - 120       |
| Nickel    | 0.200          | 0.1934        |                  | mg/L |   | 97   | 80 - 120       |
| Selenium  | 0.400          | 0.3740        |                  | mg/L |   | 94   | 80 - 120       |
| Silver    | 0.100          | 0.1105        |                  | mg/L |   | 111  | 80 - 120       |
| Thallium  | 0.100          | 0.09031       |                  | mg/L |   | 90   | 80 - 120       |
| Vanadium  | 0.100          | 0.09599       |                  | mg/L |   | 96   | 80 - 120       |
| Zinc      | 0.200          | 0.2290        |                  | mg/L |   | 114  | 80 - 120       |

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# QC Sample Results

Client: SCS Engineers  
Project/Site: Clinton County South 2nd 2025 GW Sampling  
Event

Job ID: 310-320142-1

## Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 310-473182/2-A

Matrix: Water

Analysis Batch: 473479

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 473182

| Analyte  | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------|-------------|------------|---------------|------|---|------|-------------|
| Antimony | 0.200       | 0.2081     |               | mg/L |   | 104  | 80 - 120    |
| Copper   | 0.200       | 0.1858     |               | mg/L |   | 93   | 80 - 120    |
| Lead     | 0.200       | 0.1916     |               | mg/L |   | 96   | 80 - 120    |
| Zinc     | 0.200       | 0.1874     |               | mg/L |   | 94   | 80 - 120    |

Lab Sample ID: 310-320142-6 DU

Matrix: Water

Analysis Batch: 473366

Client Sample ID: MW-40

Prep Type: Total/NA

Prep Batch: 473182

| Analyte   | Sample Result | Sample Qualifier | DU Result | DU Qualifier | Unit | D | RPD | Limit |
|-----------|---------------|------------------|-----------|--------------|------|---|-----|-------|
| Arsenic   | <0.00200      |                  | <0.00200  |              | mg/L |   | NC  | 20    |
| Barium    | 0.0157        |                  | 0.01611   |              | mg/L |   | 2   | 20    |
| Beryllium | <0.00100      |                  | <0.00100  |              | mg/L |   | NC  | 20    |
| Cadmium   | <0.000200     |                  | <0.000200 |              | mg/L |   | NC  | 20    |
| Chromium  | 0.00622       |                  | 0.005995  |              | mg/L |   | 4   | 20    |
| Cobalt    | 0.000279      | J                | 0.0002840 | J            | mg/L |   | 2   | 20    |
| Copper    | <0.00500      |                  | <0.00500  |              | mg/L |   | NC  | 20    |
| Lead      | <0.000500     |                  | <0.000500 |              | mg/L |   | NC  | 20    |
| Nickel    | 0.00576       |                  | 0.005763  |              | mg/L |   | 0.1 | 20    |
| Selenium  | <0.00500      |                  | <0.00500  |              | mg/L |   | NC  | 20    |
| Silver    | <0.00100      |                  | <0.00100  |              | mg/L |   | NC  | 20    |
| Thallium  | <0.00100      |                  | <0.00100  |              | mg/L |   | NC  | 20    |
| Vanadium  | <0.00500      |                  | <0.00500  |              | mg/L |   | NC  | 20    |
| Zinc      | <0.0200       |                  | <0.0200   |              | mg/L |   | NC  | 20    |

Lab Sample ID: MB 310-473183/1-A

Matrix: Water

Analysis Batch: 474390

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 473183

| Analyte   | MB Result | MB Qualifier | RL       | MDL      | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------|-----------|--------------|----------|----------|------|---|----------------|----------------|---------|
| Antimony  | <0.00200  |              | 0.00200  | 0.00100  | mg/L |   | 11/12/25 09:00 | 11/20/25 15:54 | 1       |
| Arsenic   | <0.00200  |              | 0.00200  | 0.000530 | mg/L |   | 11/12/25 09:00 | 11/20/25 15:54 | 1       |
| Barium    | <0.00200  |              | 0.00200  | 0.000660 | mg/L |   | 11/12/25 09:00 | 11/20/25 15:54 | 1       |
| Beryllium | <0.00100  |              | 0.00100  | 0.000330 | mg/L |   | 11/12/25 09:00 | 11/20/25 15:54 | 1       |
| Cadmium   | <0.000200 | ^+           | 0.000200 | 0.000100 | mg/L |   | 11/12/25 09:00 | 11/20/25 15:54 | 1       |
| Chromium  | <0.00500  |              | 0.00500  | 0.00180  | mg/L |   | 11/12/25 09:00 | 11/20/25 15:54 | 1       |
| Cobalt    | <0.000500 |              | 0.000500 | 0.000170 | mg/L |   | 11/12/25 09:00 | 11/20/25 15:54 | 1       |
| Copper    | <0.00500  |              | 0.00500  | 0.00320  | mg/L |   | 11/12/25 09:00 | 11/20/25 15:54 | 1       |
| Lead      | <0.000500 |              | 0.000500 | 0.000330 | mg/L |   | 11/12/25 09:00 | 11/20/25 15:54 | 1       |
| Nickel    | <0.00500  |              | 0.00500  | 0.00230  | mg/L |   | 11/12/25 09:00 | 11/20/25 15:54 | 1       |
| Selenium  | <0.00500  |              | 0.00500  | 0.00140  | mg/L |   | 11/12/25 09:00 | 11/20/25 15:54 | 1       |
| Silver    | <0.00100  |              | 0.00100  | 0.000500 | mg/L |   | 11/12/25 09:00 | 11/20/25 15:54 | 1       |
| Vanadium  | <0.00500  |              | 0.00500  | 0.00170  | mg/L |   | 11/12/25 09:00 | 11/20/25 15:54 | 1       |
| Zinc      | <0.0200   |              | 0.0200   | 0.0130   | mg/L |   | 11/12/25 09:00 | 11/20/25 15:54 | 1       |

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# QC Sample Results

Client: SCS Engineers  
Project/Site: Clinton County South 2nd 2025 GW Sampling  
Event

Job ID: 310-320142-1

## Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 310-473183/1-A  
Matrix: Water  
Analysis Batch: 474490

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 473183

| Analyte  | MB<br>Result | MB<br>Qualifier | RL      | MDL      | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------|--------------|-----------------|---------|----------|------|---|----------------|----------------|---------|
| Thallium | <0.00100     |                 | 0.00100 | 0.000570 | mg/L |   | 11/12/25 09:00 | 11/21/25 13:01 | 1       |

Lab Sample ID: LCS 310-473183/2-A  
Matrix: Water  
Analysis Batch: 474390

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 473183

| Analyte   | Spike<br>Added | LCS<br>Result | LCS<br>Qualifier | Unit | D | %Rec | %Rec<br>Limits |  |
|-----------|----------------|---------------|------------------|------|---|------|----------------|--|
|           |                |               |                  |      |   |      |                |  |
| Antimony  | 0.200          | 0.2145        |                  | mg/L |   | 107  | 80 - 120       |  |
| Arsenic   | 0.200          | 0.1926        |                  | mg/L |   | 96   | 80 - 120       |  |
| Barium    | 0.100          | 0.1013        |                  | mg/L |   | 101  | 80 - 120       |  |
| Beryllium | 0.100          | 0.09466       |                  | mg/L |   | 95   | 80 - 120       |  |
| Cadmium   | 0.100          | 0.1069        | ^+               | mg/L |   | 107  | 80 - 120       |  |
| Chromium  | 0.100          | 0.09877       |                  | mg/L |   | 99   | 80 - 120       |  |
| Cobalt    | 0.100          | 0.09940       |                  | mg/L |   | 99   | 80 - 120       |  |
| Copper    | 0.200          | 0.1927        |                  | mg/L |   | 96   | 80 - 120       |  |
| Lead      | 0.200          | 0.1783        |                  | mg/L |   | 89   | 80 - 120       |  |
| Nickel    | 0.200          | 0.1966        |                  | mg/L |   | 98   | 80 - 120       |  |
| Selenium  | 0.400          | 0.3430        |                  | mg/L |   | 86   | 80 - 120       |  |
| Silver    | 0.100          | 0.1241        | *+               | mg/L |   | 124  | 80 - 120       |  |
| Vanadium  | 0.100          | 0.09947       |                  | mg/L |   | 99   | 80 - 120       |  |
| Zinc      | 0.200          | 0.2016        |                  | mg/L |   | 101  | 80 - 120       |  |

Lab Sample ID: LCS 310-473183/2-A  
Matrix: Water  
Analysis Batch: 474490

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 473183

| Analyte  | Spike<br>Added | LCS<br>Result | LCS<br>Qualifier | Unit | D | %Rec | %Rec<br>Limits |  |
|----------|----------------|---------------|------------------|------|---|------|----------------|--|
|          |                |               |                  |      |   |      |                |  |
| Thallium | 0.100          | 0.1001        |                  | mg/L |   | 100  | 80 - 120       |  |

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

Lab Sample ID: MB 310-472965/1  
Matrix: Water  
Analysis Batch: 472965

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

| Analyte                | MB<br>Result | MB<br>Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------|--------------|-----------------|------|------|------|---|----------|----------------|---------|
| Total Suspended Solids | <5.00        |                 | 5.00 | 3.50 | mg/L |   |          | 11/10/25 11:29 | 1       |

Lab Sample ID: LCS 310-472965/2  
Matrix: Water  
Analysis Batch: 472965

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

| Analyte                | Spike<br>Added | LCS<br>Result | LCS<br>Qualifier | Unit | D | %Rec | %Rec<br>Limits |  |
|------------------------|----------------|---------------|------------------|------|---|------|----------------|--|
|                        |                |               |                  |      |   |      |                |  |
| Total Suspended Solids | 100            | 101.0         |                  | mg/L |   | 101  | 82 - 117       |  |

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# QC Sample Results

Client: SCS Engineers  
Project/Site: Clinton County South 2nd 2025 GW Sampling  
Event

Job ID: 310-320142-1

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

Lab Sample ID: 310-320142-11 DU  
Matrix: Water  
Analysis Batch: 472965

Client Sample ID: MW-24  
Prep Type: Total/NA

| Analyte                | Sample Result | Sample Qualifier | DU Result | DU Qualifier | Unit | D | RPD | RPD Limit |
|------------------------|---------------|------------------|-----------|--------------|------|---|-----|-----------|
| Total Suspended Solids | 72.0          |                  | 71.00     |              | mg/L |   | 1   | 35        |

Lab Sample ID: MB 310-473103/1  
Matrix: Water  
Analysis Batch: 473103

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

| Analyte                | MB Result | MB Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------|-----------|--------------|------|------|------|---|----------|----------------|---------|
| Total Suspended Solids | <5.00     |              | 5.00 | 3.50 | mg/L |   |          | 11/11/25 09:56 | 1       |

Lab Sample ID: LCS 310-473103/2  
Matrix: Water  
Analysis Batch: 473103

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         | 94.00      |               | mg/L |   | 94   | 82 - 117    |

## QC Association Summary

Client: SCS Engineers

Job ID: 310-320142-1

Project/Site: Clinton County South 2nd 2025 GW Sampling

Event

### GC/MS VOA

#### Analysis Batch: 472998

| Lab Sample ID    | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|------------------|--------------------|-----------|--------|--------|------------|
| 310-320142-1     | MW-05-02           | Total/NA  | Water  | 8260D  |            |
| 310-320142-2     | MW-19              | Total/NA  | Water  | 8260D  |            |
| 310-320142-3     | MW-28              | Total/NA  | Water  | 8260D  |            |
| 310-320142-4     | MW-29              | Total/NA  | Water  | 8260D  |            |
| 310-320142-5     | MW-39              | Total/NA  | Water  | 8260D  |            |
| 310-320142-6     | MW-40              | Total/NA  | Water  | 8260D  |            |
| 310-320142-7     | MW-41              | Total/NA  | Water  | 8260D  |            |
| 310-320142-8     | MW-42              | Total/NA  | Water  | 8260D  |            |
| 310-320142-17    | Trip Blank 1       | Total/NA  | Water  | 8260D  |            |
| 310-320142-18    | Trip Blank 2       | Total/NA  | Water  | 8260D  |            |
| 310-320142-19    | Trip Blank 3       | Total/NA  | Water  | 8260D  |            |
| MB 310-472998/5  | Method Blank       | Total/NA  | Water  | 8260D  |            |
| LCS 310-472998/6 | Lab Control Sample | Total/NA  | Water  | 8260D  |            |
| LCS 310-472998/7 | Lab Control Sample | Total/NA  | Water  | 8260D  |            |

#### Analysis Batch: 473080

| Lab Sample ID    | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|------------------|--------------------|-----------|--------|--------|------------|
| 310-320142-2     | MW-19              | Total/NA  | Water  | 8260D  |            |
| 310-320142-9     | MW-90-11           | Total/NA  | Water  | 8260D  |            |
| 310-320142-10    | MW-20              | Total/NA  | Water  | 8260D  |            |
| 310-320142-11    | MW-24              | Total/NA  | Water  | 8260D  |            |
| 310-320142-15    | MW-D1              | Total/NA  | Water  | 8260D  |            |
| 310-320142-17    | Trip Blank 1       | Total/NA  | Water  | 8260D  |            |
| 310-320142-18    | Trip Blank 2       | Total/NA  | Water  | 8260D  |            |
| 310-320142-19    | Trip Blank 3       | Total/NA  | Water  | 8260D  |            |
| MB 310-473080/6  | Method Blank       | Total/NA  | Water  | 8260D  |            |
| LCS 310-473080/7 | Lab Control Sample | Total/NA  | Water  | 8260D  |            |
| LCS 310-473080/8 | Lab Control Sample | Total/NA  | Water  | 8260D  |            |

#### Analysis Batch: 473146

| Lab Sample ID    | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|------------------|--------------------|-----------|--------|--------|------------|
| 310-320142-12    | MW-32              | Total/NA  | Water  | 8260D  |            |
| 310-320142-13    | MW-33              | Total/NA  | Water  | 8260D  |            |
| 310-320142-14    | MW-90-18           | Total/NA  | Water  | 8260D  |            |
| 310-320142-16    | MW-D2              | Total/NA  | Water  | 8260D  |            |
| MB 310-473146/5  | Method Blank       | Total/NA  | Water  | 8260D  |            |
| LCS 310-473146/6 | Lab Control Sample | Total/NA  | Water  | 8260D  |            |
| LCS 310-473146/7 | Lab Control Sample | Total/NA  | Water  | 8260D  |            |

#### Analysis Batch: 473296

| Lab Sample ID    | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|------------------|--------------------|-----------|--------|--------|------------|
| 310-320142-12    | MW-32              | Total/NA  | Water  | 8260D  |            |
| 310-320142-13    | MW-33              | Total/NA  | Water  | 8260D  |            |
| 310-320142-16    | MW-D2              | Total/NA  | Water  | 8260D  |            |
| MB 310-473296/5  | Method Blank       | Total/NA  | Water  | 8260D  |            |
| LCS 310-473296/6 | Lab Control Sample | Total/NA  | Water  | 8260D  |            |
| LCS 310-473296/7 | Lab Control Sample | Total/NA  | Water  | 8260D  |            |

Eurofins Cedar Falls

## QC Association Summary

Client: SCS Engineers

Job ID: 310-320142-1

Project/Site: Clinton County South 2nd 2025 GW Sampling

Event

### GC/MS Semi VOA

#### Prep Batch: 473109

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 310-320142-13      | MW-33              | Total/NA  | Water  | 3510C  |            |
| MB 310-473109/1-A  | Method Blank       | Total/NA  | Water  | 3510C  |            |
| LCS 310-473109/2-A | Lab Control Sample | Total/NA  | Water  | 3510C  |            |

#### Analysis Batch: 473730

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| MB 310-473109/1-A  | Method Blank       | Total/NA  | Water  | 8270E  | 473109     |
| LCS 310-473109/2-A | Lab Control Sample | Total/NA  | Water  | 8270E  | 473109     |

#### Analysis Batch: 473905

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 310-320142-13 | MW-33            | Total/NA  | Water  | 8270E  | 473109     |

### GC Semi VOA

#### Prep Batch: 728954

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 310-320142-13       | MW-33                  | Total/NA  | Water  | 8151A  |            |
| MB 410-728954/1-A   | Method Blank           | Total/NA  | Water  | 8151A  |            |
| LCS 410-728954/2-A  | Lab Control Sample     | Total/NA  | Water  | 8151A  |            |
| LCSD 410-728954/3-A | Lab Control Sample Dup | Total/NA  | Water  | 8151A  |            |

#### Analysis Batch: 729105

| Lab Sample ID       | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| 310-320142-13       | MW-33                  | Total/NA  | Water  | 8151A  | 728954     |
| MB 410-728954/1-A   | Method Blank           | Total/NA  | Water  | 8151A  | 728954     |
| LCS 410-728954/2-A  | Lab Control Sample     | Total/NA  | Water  | 8151A  | 728954     |
| LCSD 410-728954/3-A | Lab Control Sample Dup | Total/NA  | Water  | 8151A  | 728954     |

### Metals

#### Prep Batch: 473182

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 310-320142-1       | MW-05-02           | Total/NA  | Water  | 3005A  |            |
| 310-320142-2       | MW-19              | Total/NA  | Water  | 3005A  |            |
| 310-320142-3       | MW-28              | Total/NA  | Water  | 3005A  |            |
| 310-320142-4       | MW-29              | Total/NA  | Water  | 3005A  |            |
| 310-320142-5       | MW-39              | Total/NA  | Water  | 3005A  |            |
| 310-320142-6       | MW-40              | Total/NA  | Water  | 3005A  |            |
| 310-320142-7       | MW-41              | Total/NA  | Water  | 3005A  |            |
| 310-320142-8       | MW-42              | Total/NA  | Water  | 3005A  |            |
| 310-320142-9       | MW-90-11           | Total/NA  | Water  | 3005A  |            |
| 310-320142-10      | MW-20              | Total/NA  | Water  | 3005A  |            |
| 310-320142-11      | MW-24              | Total/NA  | Water  | 3005A  |            |
| 310-320142-12      | MW-32              | Total/NA  | Water  | 3005A  |            |
| 310-320142-13      | MW-33              | Total/NA  | Water  | 3005A  |            |
| 310-320142-15      | MW-D1              | Total/NA  | Water  | 3005A  |            |
| MB 310-473182/1-A  | Method Blank       | Total/NA  | Water  | 3005A  |            |
| LCS 310-473182/2-A | Lab Control Sample | Total/NA  | Water  | 3005A  |            |
| 310-320142-6 DU    | MW-40              | Total/NA  | Water  | 3005A  |            |

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## QC Association Summary

Client: SCS Engineers

Job ID: 310-320142-1

Project/Site: Clinton County South 2nd 2025 GW Sampling

Event

### Metals

#### Prep Batch: 473183

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 310-320142-16      | MW-D2              | Total/NA  | Water  | 3005A  |            |
| MB 310-473183/1-A  | Method Blank       | Total/NA  | Water  | 3005A  |            |
| LCS 310-473183/2-A | Lab Control Sample | Total/NA  | Water  | 3005A  |            |

#### Analysis Batch: 473366

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 310-320142-1       | MW-05-02           | Total/NA  | Water  | 6020B  | 473182     |
| 310-320142-2       | MW-19              | Total/NA  | Water  | 6020B  | 473182     |
| 310-320142-3       | MW-28              | Total/NA  | Water  | 6020B  | 473182     |
| 310-320142-4       | MW-29              | Total/NA  | Water  | 6020B  | 473182     |
| 310-320142-5       | MW-39              | Total/NA  | Water  | 6020B  | 473182     |
| 310-320142-6       | MW-40              | Total/NA  | Water  | 6020B  | 473182     |
| 310-320142-7       | MW-41              | Total/NA  | Water  | 6020B  | 473182     |
| 310-320142-8       | MW-42              | Total/NA  | Water  | 6020B  | 473182     |
| 310-320142-9       | MW-90-11           | Total/NA  | Water  | 6020B  | 473182     |
| 310-320142-10      | MW-20              | Total/NA  | Water  | 6020B  | 473182     |
| 310-320142-11      | MW-24              | Total/NA  | Water  | 6020B  | 473182     |
| 310-320142-12      | MW-32              | Total/NA  | Water  | 6020B  | 473182     |
| 310-320142-13      | MW-33              | Total/NA  | Water  | 6020B  | 473182     |
| 310-320142-15      | MW-D1              | Total/NA  | Water  | 6020B  | 473182     |
| MB 310-473182/1-A  | Method Blank       | Total/NA  | Water  | 6020B  | 473182     |
| LCS 310-473182/2-A | Lab Control Sample | Total/NA  | Water  | 6020B  | 473182     |
| 310-320142-6 DU    | MW-40              | Total/NA  | Water  | 6020B  | 473182     |

#### Analysis Batch: 473479

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 310-320142-3       | MW-28              | Total/NA  | Water  | 6020B  | 473182     |
| 310-320142-4       | MW-29              | Total/NA  | Water  | 6020B  | 473182     |
| 310-320142-10      | MW-20              | Total/NA  | Water  | 6020B  | 473182     |
| 310-320142-12      | MW-32              | Total/NA  | Water  | 6020B  | 473182     |
| MB 310-473182/1-A  | Method Blank       | Total/NA  | Water  | 6020B  | 473182     |
| LCS 310-473182/2-A | Lab Control Sample | Total/NA  | Water  | 6020B  | 473182     |

#### Analysis Batch: 474390

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 310-320142-16      | MW-D2              | Total/NA  | Water  | 6020B  | 473183     |
| MB 310-473183/1-A  | Method Blank       | Total/NA  | Water  | 6020B  | 473183     |
| LCS 310-473183/2-A | Lab Control Sample | Total/NA  | Water  | 6020B  | 473183     |

#### Analysis Batch: 474490

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 310-320142-16      | MW-D2              | Total/NA  | Water  | 6020B  | 473183     |
| MB 310-473183/1-A  | Method Blank       | Total/NA  | Water  | 6020B  | 473183     |
| LCS 310-473183/2-A | Lab Control Sample | Total/NA  | Water  | 6020B  | 473183     |

### General Chemistry

#### Analysis Batch: 472965

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method    | Prep Batch |
|---------------|------------------|-----------|--------|-----------|------------|
| 310-320142-1  | MW-05-02         | Total/NA  | Water  | I-3765-85 |            |

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## QC Association Summary

Client: SCS Engineers

Job ID: 310-320142-1

Project/Site: Clinton County South 2nd 2025 GW Sampling

Event

### General Chemistry (Continued)

#### Analysis Batch: 472965 (Continued)

| Lab Sample ID    | Client Sample ID   | Prep Type | Matrix | Method    | Prep Batch |
|------------------|--------------------|-----------|--------|-----------|------------|
| 310-320142-2     | MW-19              | Total/NA  | Water  | I-3765-85 |            |
| 310-320142-9     | MW-90-11           | Total/NA  | Water  | I-3765-85 |            |
| 310-320142-10    | MW-20              | Total/NA  | Water  | I-3765-85 |            |
| 310-320142-11    | MW-24              | Total/NA  | Water  | I-3765-85 |            |
| 310-320142-13    | MW-33              | Total/NA  | Water  | I-3765-85 |            |
| 310-320142-15    | MW-D1              | Total/NA  | Water  | I-3765-85 |            |
| MB 310-472965/1  | Method Blank       | Total/NA  | Water  | I-3765-85 |            |
| LCS 310-472965/2 | Lab Control Sample | Total/NA  | Water  | I-3765-85 |            |
| 310-320142-11 DU | MW-24              | Total/NA  | Water  | I-3765-85 |            |

#### Analysis Batch: 473103

| Lab Sample ID    | Client Sample ID   | Prep Type | Matrix | Method    | Prep Batch |
|------------------|--------------------|-----------|--------|-----------|------------|
| 310-320142-3     | MW-28              | Total/NA  | Water  | I-3765-85 |            |
| 310-320142-4     | MW-29              | Total/NA  | Water  | I-3765-85 |            |
| 310-320142-5     | MW-39              | Total/NA  | Water  | I-3765-85 |            |
| 310-320142-6     | MW-40              | Total/NA  | Water  | I-3765-85 |            |
| 310-320142-7     | MW-41              | Total/NA  | Water  | I-3765-85 |            |
| 310-320142-8     | MW-42              | Total/NA  | Water  | I-3765-85 |            |
| 310-320142-12    | MW-32              | Total/NA  | Water  | I-3765-85 |            |
| 310-320142-16    | MW-D2              | Total/NA  | Water  | I-3765-85 |            |
| MB 310-473103/1  | Method Blank       | Total/NA  | Water  | I-3765-85 |            |
| LCS 310-473103/2 | Lab Control Sample | Total/NA  | Water  | I-3765-85 |            |

# Lab Chronicle

Client: SCS Engineers  
Project/Site: Clinton County South 2nd 2025 GW Sampling  
Event

Job ID: 310-320142-1

**Client Sample ID: MW-05-02**

**Lab Sample ID: 310-320142-1**

**Date Collected: 11/05/25 15:40**

**Matrix: Water**

**Date Received: 11/07/25 17:30**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab    | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|--------|----------------------|
| Total/NA  | Analysis   | 8260D        |     | 1               | 472998       | FE5V    | EET CF | 11/11/25 16:50       |
| Total/NA  | Prep       | 3005A        |     |                 | 473182       | RLT9    | EET CF | 11/12/25 09:00       |
| Total/NA  | Analysis   | 6020B        |     | 1               | 473366       | NFT2    | EET CF | 11/12/25 18:40       |
| Total/NA  | Analysis   | I-3765-85    |     | 1               | 472965       | DGU1    | EET CF | 11/10/25 11:29       |

**Client Sample ID: MW-19**

**Lab Sample ID: 310-320142-2**

**Date Collected: 11/04/25 14:45**

**Matrix: Water**

**Date Received: 11/07/25 17:30**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab    | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|--------|----------------------|
| Total/NA  | Analysis   | 8260D        |     | 1               | 473080       | WSE8    | EET CF | 11/11/25 16:47       |
| Total/NA  | Analysis   | 8260D        |     | 1               | 472998       | FE5V    | EET CF | 11/11/25 17:12       |
| Total/NA  | Prep       | 3005A        |     |                 | 473182       | RLT9    | EET CF | 11/12/25 09:00       |
| Total/NA  | Analysis   | 6020B        |     | 1               | 473366       | NFT2    | EET CF | 11/12/25 18:43       |
| Total/NA  | Analysis   | I-3765-85    |     | 1               | 472965       | DGU1    | EET CF | 11/10/25 11:29       |

**Client Sample ID: MW-28**

**Lab Sample ID: 310-320142-3**

**Date Collected: 11/06/25 08:22**

**Matrix: Water**

**Date Received: 11/07/25 17:30**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab    | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|--------|----------------------|
| Total/NA  | Analysis   | 8260D        |     | 1               | 472998       | FE5V    | EET CF | 11/11/25 17:34       |
| Total/NA  | Prep       | 3005A        |     |                 | 473182       | RLT9    | EET CF | 11/12/25 09:00       |
| Total/NA  | Analysis   | 6020B        |     | 1               | 473479       | NFT2    | EET CF | 11/13/25 15:09       |
| Total/NA  | Prep       | 3005A        |     |                 | 473182       | RLT9    | EET CF | 11/12/25 09:00       |
| Total/NA  | Analysis   | 6020B        |     | 1               | 473366       | NFT2    | EET CF | 11/12/25 18:52       |
| Total/NA  | Analysis   | I-3765-85    |     | 1               | 473103       | DGU1    | EET CF | 11/11/25 09:56       |

**Client Sample ID: MW-29**

**Lab Sample ID: 310-320142-4**

**Date Collected: 11/06/25 14:08**

**Matrix: Water**

**Date Received: 11/07/25 17:30**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab    | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|--------|----------------------|
| Total/NA  | Analysis   | 8260D        |     | 1               | 472998       | FE5V    | EET CF | 11/11/25 17:56       |
| Total/NA  | Prep       | 3005A        |     |                 | 473182       | RLT9    | EET CF | 11/12/25 09:00       |
| Total/NA  | Analysis   | 6020B        |     | 1               | 473479       | NFT2    | EET CF | 11/13/25 15:11       |
| Total/NA  | Prep       | 3005A        |     |                 | 473182       | RLT9    | EET CF | 11/12/25 09:00       |
| Total/NA  | Analysis   | 6020B        |     | 1               | 473366       | NFT2    | EET CF | 11/12/25 18:55       |
| Total/NA  | Analysis   | I-3765-85    |     | 1               | 473103       | DGU1    | EET CF | 11/11/25 09:56       |

Eurofins Cedar Falls

# Lab Chronicle

Client: SCS Engineers  
Project/Site: Clinton County South 2nd 2025 GW Sampling  
Event

Job ID: 310-320142-1

**Client Sample ID: MW-39**

**Lab Sample ID: 310-320142-5**

**Date Collected: 11/07/25 08:24**

**Matrix: Water**

**Date Received: 11/07/25 17:30**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab    | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|--------|----------------------|
| Total/NA  | Analysis   | 8260D        |     | 1               | 472998       | FE5V    | EET CF | 11/11/25 18:18       |
| Total/NA  | Prep       | 3005A        |     |                 | 473182       | RLT9    | EET CF | 11/12/25 09:00       |
| Total/NA  | Analysis   | 6020B        |     | 1               | 473366       | NFT2    | EET CF | 11/12/25 18:58       |
| Total/NA  | Analysis   | I-3765-85    |     | 1               | 473103       | DGU1    | EET CF | 11/11/25 09:56       |

**Client Sample ID: MW-40**

**Lab Sample ID: 310-320142-6**

**Date Collected: 11/06/25 10:26**

**Matrix: Water**

**Date Received: 11/07/25 17:30**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab    | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|--------|----------------------|
| Total/NA  | Analysis   | 8260D        |     | 1               | 472998       | FE5V    | EET CF | 11/11/25 18:41       |
| Total/NA  | Prep       | 3005A        |     |                 | 473182       | RLT9    | EET CF | 11/12/25 09:00       |
| Total/NA  | Analysis   | 6020B        |     | 1               | 473366       | NFT2    | EET CF | 11/12/25 19:00       |
| Total/NA  | Analysis   | I-3765-85    |     | 1               | 473103       | DGU1    | EET CF | 11/11/25 09:56       |

**Client Sample ID: MW-41**

**Lab Sample ID: 310-320142-7**

**Date Collected: 11/06/25 11:20**

**Matrix: Water**

**Date Received: 11/07/25 17:30**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab    | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|--------|----------------------|
| Total/NA  | Analysis   | 8260D        |     | 1               | 472998       | FE5V    | EET CF | 11/11/25 19:03       |
| Total/NA  | Prep       | 3005A        |     |                 | 473182       | RLT9    | EET CF | 11/12/25 09:00       |
| Total/NA  | Analysis   | 6020B        |     | 1               | 473366       | NFT2    | EET CF | 11/12/25 19:06       |
| Total/NA  | Analysis   | I-3765-85    |     | 1               | 473103       | DGU1    | EET CF | 11/11/25 09:56       |

**Client Sample ID: MW-42**

**Lab Sample ID: 310-320142-8**

**Date Collected: 11/06/25 13:01**

**Matrix: Water**

**Date Received: 11/07/25 17:30**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab    | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|--------|----------------------|
| Total/NA  | Analysis   | 8260D        |     | 1               | 472998       | FE5V    | EET CF | 11/11/25 19:25       |
| Total/NA  | Prep       | 3005A        |     |                 | 473182       | RLT9    | EET CF | 11/12/25 09:00       |
| Total/NA  | Analysis   | 6020B        |     | 1               | 473366       | NFT2    | EET CF | 11/12/25 19:09       |
| Total/NA  | Analysis   | I-3765-85    |     | 1               | 473103       | DGU1    | EET CF | 11/11/25 09:56       |

**Client Sample ID: MW-90-11**

**Lab Sample ID: 310-320142-9**

**Date Collected: 11/04/25 16:50**

**Matrix: Water**

**Date Received: 11/07/25 17:30**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab    | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|--------|----------------------|
| Total/NA  | Analysis   | 8260D        |     | 1               | 473080       | WSE8    | EET CF | 11/11/25 17:09       |
| Total/NA  | Prep       | 3005A        |     |                 | 473182       | RLT9    | EET CF | 11/12/25 09:00       |
| Total/NA  | Analysis   | 6020B        |     | 1               | 473366       | NFT2    | EET CF | 11/12/25 19:12       |
| Total/NA  | Analysis   | I-3765-85    |     | 1               | 472965       | DGU1    | EET CF | 11/10/25 11:29       |

Eurofins Cedar Falls



# Lab Chronicle

Client: SCS Engineers  
Project/Site: Clinton County South 2nd 2025 GW Sampling  
Event

Job ID: 310-320142-1

**Client Sample ID: MW-20**

**Lab Sample ID: 310-320142-10**

**Date Collected: 11/04/25 13:26**

**Matrix: Water**

**Date Received: 11/07/25 17:30**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab    | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|--------|----------------------|
| Total/NA  | Analysis   | 8260D        |     | 1               | 473080       | WSE8    | EET CF | 11/11/25 17:32       |
| Total/NA  | Prep       | 3005A        |     |                 | 473182       | RLT9    | EET CF | 11/12/25 09:00       |
| Total/NA  | Analysis   | 6020B        |     | 4               | 473479       | NFT2    | EET CF | 11/13/25 15:14       |
| Total/NA  | Prep       | 3005A        |     |                 | 473182       | RLT9    | EET CF | 11/12/25 09:00       |
| Total/NA  | Analysis   | 6020B        |     | 1               | 473366       | NFT2    | EET CF | 11/12/25 19:15       |
| Total/NA  | Analysis   | I-3765-85    |     | 1               | 472965       | DGU1    | EET CF | 11/10/25 11:29       |

**Client Sample ID: MW-24**

**Lab Sample ID: 310-320142-11**

**Date Collected: 11/04/25 12:45**

**Matrix: Water**

**Date Received: 11/07/25 17:30**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab    | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|--------|----------------------|
| Total/NA  | Analysis   | 8260D        |     | 1               | 473080       | WSE8    | EET CF | 11/11/25 17:54       |
| Total/NA  | Prep       | 3005A        |     |                 | 473182       | RLT9    | EET CF | 11/12/25 09:00       |
| Total/NA  | Analysis   | 6020B        |     | 1               | 473366       | NFT2    | EET CF | 11/12/25 19:18       |
| Total/NA  | Analysis   | I-3765-85    |     | 1               | 472965       | DGU1    | EET CF | 11/10/25 11:29       |

**Client Sample ID: MW-32**

**Lab Sample ID: 310-320142-12**

**Date Collected: 11/07/25 07:31**

**Matrix: Water**

**Date Received: 11/07/25 17:30**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab    | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|--------|----------------------|
| Total/NA  | Analysis   | 8260D        |     | 1               | 473296       | FE5V    | EET CF | 11/12/25 16:50       |
| Total/NA  | Analysis   | 8260D        |     | 1               | 473146       | FE5V    | EET CF | 11/12/25 01:42       |
| Total/NA  | Prep       | 3005A        |     |                 | 473182       | RLT9    | EET CF | 11/12/25 09:00       |
| Total/NA  | Analysis   | 6020B        |     | 1               | 473479       | NFT2    | EET CF | 11/13/25 15:16       |
| Total/NA  | Prep       | 3005A        |     |                 | 473182       | RLT9    | EET CF | 11/12/25 09:00       |
| Total/NA  | Analysis   | 6020B        |     | 1               | 473366       | NFT2    | EET CF | 11/12/25 19:26       |
| Total/NA  | Analysis   | I-3765-85    |     | 1               | 473103       | DGU1    | EET CF | 11/11/25 09:56       |

**Client Sample ID: MW-33**

**Lab Sample ID: 310-320142-13**

**Date Collected: 11/05/25 12:08**

**Matrix: Water**

**Date Received: 11/07/25 17:30**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab    | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|--------|----------------------|
| Total/NA  | Analysis   | 8260D        |     | 1               | 473296       | FE5V    | EET CF | 11/12/25 17:13       |
| Total/NA  | Analysis   | 8260D        |     | 1               | 473146       | FE5V    | EET CF | 11/12/25 02:04       |
| Total/NA  | Prep       | 3510C        |     |                 | 473109       | J5BR    | EET CF | 11/11/25 10:43       |
| Total/NA  | Analysis   | 8270E        |     | 1               | 473905       | V7YZ    | EET CF | 11/18/25 15:36       |
| Total/NA  | Prep       | 8151A        |     |                 | 728954       | QJZ6    | ELLE   | 11/12/25 20:09       |
| Total/NA  | Analysis   | 8151A        |     | 1               | 729105       | UAMZ    | ELLE   | 11/13/25 21:39       |
| Total/NA  | Prep       | 3005A        |     |                 | 473182       | RLT9    | EET CF | 11/12/25 09:00       |
| Total/NA  | Analysis   | 6020B        |     | 1               | 473366       | NFT2    | EET CF | 11/12/25 19:29       |

Eurofins Cedar Falls

# Lab Chronicle

Client: SCS Engineers  
Project/Site: Clinton County South 2nd 2025 GW Sampling  
Event

Job ID: 310-320142-1

**Client Sample ID: MW-33**

**Lab Sample ID: 310-320142-13**

Date Collected: 11/05/25 12:08

Matrix: Water

Date Received: 11/07/25 17:30

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab    | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|--------|----------------------|
| Total/NA  | Analysis   | I-3765-85    |     | 1               | 472965       | DGU1    | EET CF | 11/10/25 11:29       |

**Client Sample ID: MW-90-18**

**Lab Sample ID: 310-320142-14**

Date Collected: 11/07/25 09:22

Matrix: Water

Date Received: 11/07/25 17:30

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab    | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|--------|----------------------|
| Total/NA  | Analysis   | 8260D        |     | 1               | 473146       | FE5V    | EET CF | 11/12/25 05:47       |

**Client Sample ID: MW-D1**

**Lab Sample ID: 310-320142-15**

Date Collected: 11/04/25 15:18

Matrix: Water

Date Received: 11/07/25 17:30

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab    | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|--------|----------------------|
| Total/NA  | Analysis   | 8260D        |     | 1               | 473080       | WSE8    | EET CF | 11/11/25 18:17       |
| Total/NA  | Prep       | 3005A        |     |                 | 473182       | RLT9    | EET CF | 11/12/25 09:00       |
| Total/NA  | Analysis   | 6020B        |     | 1               | 473366       | NFT2    | EET CF | 11/12/25 19:32       |
| Total/NA  | Analysis   | I-3765-85    |     | 1               | 472965       | DGU1    | EET CF | 11/10/25 11:29       |

**Client Sample ID: MW-D2**

**Lab Sample ID: 310-320142-16**

Date Collected: 11/07/25 07:37

Matrix: Water

Date Received: 11/07/25 17:30

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab    | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|--------|----------------------|
| Total/NA  | Analysis   | 8260D        |     | 1               | 473296       | FE5V    | EET CF | 11/12/25 17:36       |
| Total/NA  | Analysis   | 8260D        |     | 1               | 473146       | FE5V    | EET CF | 11/12/25 02:49       |
| Total/NA  | Prep       | 3005A        |     |                 | 473183       | RLT9    | EET CF | 11/12/25 09:00       |
| Total/NA  | Analysis   | 6020B        |     | 1               | 474390       | ZRI4    | EET CF | 11/20/25 16:56       |
| Total/NA  | Prep       | 3005A        |     |                 | 473183       | RLT9    | EET CF | 11/12/25 09:00       |
| Total/NA  | Analysis   | 6020B        |     | 1               | 474490       | ZRI4    | EET CF | 11/21/25 13:30       |
| Total/NA  | Analysis   | I-3765-85    |     | 1               | 473103       | DGU1    | EET CF | 11/11/25 09:56       |

**Client Sample ID: Trip Blank 1**

**Lab Sample ID: 310-320142-17**

Date Collected: 11/04/25 00:00

Matrix: Water

Date Received: 11/07/25 17:30

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab    | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|--------|----------------------|
| Total/NA  | Analysis   | 8260D        |     | 1               | 473080       | WSE8    | EET CF | 11/11/25 11:53       |
| Total/NA  | Analysis   | 8260D        |     | 1               | 472998       | FE5V    | EET CF | 11/11/25 12:45       |

Lab Chronicle

Client: SCS Engineers

Project/Site: Clinton County South 2nd 2025 GW Sampling Event

Job ID: 310-320142-1

Client Sample ID: Trip Blank 2

Date Collected: 11/04/25 00:00

Date Received: 11/07/25 17:30

Lab Sample ID: 310-320142-18

Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab    | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|--------|----------------------|
| Total/NA  | Analysis   | 8260D        |     | 1               | 473080       | WSE8    | EET CF | 11/11/25 12:16       |
| Total/NA  | Analysis   | 8260D        |     | 1               | 472998       | FE5V    | EET CF | 11/11/25 13:07       |

Client Sample ID: Trip Blank 3

Date Collected: 11/04/25 00:00

Date Received: 11/07/25 17:30

Lab Sample ID: 310-320142-19

Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab    | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|--------|----------------------|
| Total/NA  | Analysis   | 8260D        |     | 1               | 473080       | WSE8    | EET CF | 11/11/25 12:39       |
| Total/NA  | Analysis   | 8260D        |     | 1               | 472998       | FE5V    | EET CF | 11/11/25 13:30       |

Laboratory References:

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

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

## Accreditation/Certification Summary

Client: SCS Engineers  
Project/Site: Clinton County South 2nd 2025 GW Sampling  
Event

Job ID: 310-320142-1

### 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 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               | 06-30-26        |
| Alaska (UST)                                                    | State                 | 17-027                | 12-30-26        |
| Arizona                                                         | State                 | AZ0780                | 03-12-26        |
| Arkansas DEQ                                                    | State                 | 88-00660              | 08-09-26        |
| California                                                      | State                 | 2792                  | 01-31-26        |
| Colorado                                                        | State                 | PA00009               | 06-30-26        |
| Connecticut                                                     | State                 | PH-0746               | 06-30-27        |
| DE Haz. Subst. Cleanup Act (HSCA)                               | State                 | 019-006 (PA cert)     | 01-31-26        |
| Delaware (DW)                                                   | State                 | N/A                   | 01-31-26        |
| Florida                                                         | NELAP                 | E87997                | 11-16-25        |
| Georgia (DW)                                                    | State                 | C048                  | 01-31-26        |
| Illinois                                                        | NELAP                 | 200027                | 01-31-26        |
| Iowa                                                            | State                 | 361                   | 03-01-26        |
| Kansas                                                          | NELAP                 | E-10151               | 10-31-26        |
| 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                 | 06-30-26        |
| Maine                                                           | State                 | 2019012               | 03-12-27        |
| Maryland                                                        | State                 | 100                   | 06-30-26        |
| Massachusetts                                                   | State                 | M-PA009               | 06-30-26        |
| Michigan                                                        | State                 | 9930                  | 01-31-26        |
| Minnesota                                                       | NELAP                 | 042-999-487           | 12-31-26        |
| 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                 | 06-30-26        |
| New York                                                        | NELAP                 | 10670                 | 04-01-26        |
| North Carolina (DW)                                             | State                 | 42705                 | 07-31-26        |
| North Carolina (WW/SW)                                          | State                 | 521                   | 12-31-25        |
| North Dakota                                                    | State                 | R-205                 | 01-31-24 *      |
| Ohio                                                            | State                 | 87787                 | 01-31-26        |
| Oklahoma                                                        | NELAP                 | 9804                  | 12-31-25        |
| Oregon                                                          | NELAP                 | PA200001              | 09-11-26        |
| Pennsylvania                                                    | NELAP                 | 36-00037              | 01-31-26        |
| Quebec Ministry of Environment and Fight against Climate Change | PALA                  | 507                   | 09-16-29        |
| Rhode Island                                                    | State                 | LAO00338              | 12-30-25        |

\* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Eurofins Cedar Falls

## Accreditation/Certification Summary

Client: SCS Engineers

Job ID: 310-320142-1

Project/Site: Clinton County South 2nd 2025 GW Sampling

Event

### 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 |
|--------------------|---------------------|-----------------------|-----------------|
| South Carolina     | State               | 89002                 | 01-31-26        |
| Tennessee          | State               | 02838                 | 01-31-26        |
| Texas              | NELAP               | T104704194-23-46      | 08-31-26        |
| USDA               | US Federal Programs | 525-22-298-19481      | 01-23-26        |
| Vermont            | State               | VT - 36037            | 10-28-26        |
| Virginia           | NELAP               | 460182                | 06-14-26        |
| Washington         | State               | C457                  | 04-11-26        |
| West Virginia (DW) | State               | 9906 C                | 03-31-26        |
| West Virginia DEP  | State               | 055                   | 07-31-26        |
| Wyoming            | State               | 8TMS-L                | 01-31-26        |
| Wyoming (UST)      | A2LA                | 0001.01               | 11-30-26        |

## Method Summary

Client: SCS Engineers

Job ID: 310-320142-1

Project/Site: Clinton County South 2nd 2025 GW Sampling

Event

| Method    | Method Description                           | Protocol | Laboratory |
|-----------|----------------------------------------------|----------|------------|
| 8260D     | Volatile Organic Compounds by GC/MS          | SW846    | EET CF     |
| 8270E     | Semivolatile Organic Compounds (GC/MS)       | SW846    | EET CF     |
| 8151A     | Herbicides (GC)                              | SW846    | ELLE       |
| 6020B     | Metals (ICP/MS)                              | SW846    | EET CF     |
| I-3765-85 | Residue, Non-filterable (TSS)                | USGS     | EET CF     |
| 3005A     | Preparation, Total Metals                    | SW846    | EET CF     |
| 3510C     | Liquid-Liquid Extraction (Separatory Funnel) | SW846    | EET CF     |
| 5030B     | Purge and Trap                               | SW846    | EET CF     |
| 8151A     | Extraction (Herbicides)                      | SW846    | ELLE       |

### 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

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300



### Cooler/Sample Receipt and Temperature Log Form

|                                                                                                                                                                                                                                                                                                                                                                  |                           |                                                                     |                                                                                               |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|---------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| <b>Client Information</b>                                                                                                                                                                                                                                                                                                                                        |                           |                                                                     |                                                                                               |
| Client <u>SCS</u>                                                                                                                                                                                                                                                                                                                                                |                           |                                                                     |                                                                                               |
| City/State:                                                                                                                                                                                                                                                                                                                                                      | CITY <u>W. Des Moines</u> | STATE <u>IA</u>                                                     | Project.                                                                                      |
| <b>Receipt Information</b>                                                                                                                                                                                                                                                                                                                                       |                           |                                                                     |                                                                                               |
| Date/Time Received:                                                                                                                                                                                                                                                                                                                                              | DATE <u>11-7-25</u>       | TIME <u>1730</u>                                                    | Received By: <u>PH</u>                                                                        |
| Delivery Type <input type="checkbox"/> UPS <input type="checkbox"/> FedEx <input type="checkbox"/> FedEx Ground <input type="checkbox"/> US Mail <input type="checkbox"/> Spee-Dee<br><input checked="" type="checkbox"/> Lab Courier <input type="checkbox"/> Lab Field Services <input type="checkbox"/> Client Drop-off <input type="checkbox"/> Other: _____ |                           |                                                                     |                                                                                               |
| <b>Condition of Cooler/Containers</b>                                                                                                                                                                                                                                                                                                                            |                           |                                                                     |                                                                                               |
| Sample(s) received in Cooler?                                                                                                                                                                                                                                                                                                                                    |                           | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | If yes: Cooler ID:                                                                            |
| Multiple Coolers?                                                                                                                                                                                                                                                                                                                                                |                           | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | If yes: Cooler # <u>1</u> of <u>3</u>                                                         |
| Cooler Custody Seals Present?                                                                                                                                                                                                                                                                                                                                    |                           | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | If yes: Cooler custody seals intact? <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Sample Custody Seals Present?                                                                                                                                                                                                                                                                                                                                    |                           | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | If yes: Sample custody seals intact? <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Trip Blank Present?                                                                                                                                                                                                                                                                                                                                              |                           | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | If yes: Which VOA samples are in cooler? <u>↓</u>                                             |
| <u>MW-05-2, 28, 29, 33</u>                                                                                                                                                                                                                                                                                                                                       |                           |                                                                     |                                                                                               |
| <b>Temperature Record</b>                                                                                                                                                                                                                                                                                                                                        |                           |                                                                     |                                                                                               |
| Coolant: <input checked="" type="checkbox"/> Wet ice <input type="checkbox"/> Blue ice <input type="checkbox"/> Dry ice <input type="checkbox"/> Other: _____ <input type="checkbox"/> NONE                                                                                                                                                                      |                           |                                                                     |                                                                                               |
| Thermometer ID: <u>CC</u>                                                                                                                                                                                                                                                                                                                                        |                           | Correction Factor (°C): <u>0</u>                                    |                                                                                               |
| • Temp Blank Temperature – If no temp blank, or temp blank temperature above criteria, proceed to Sample Container Temperature                                                                                                                                                                                                                                   |                           |                                                                     |                                                                                               |
| Uncorrected Temp (°C): <u>0.8</u>                                                                                                                                                                                                                                                                                                                                |                           | Corrected Temp (°C): <u>0.8</u>                                     |                                                                                               |
| • Sample Container Temperature                                                                                                                                                                                                                                                                                                                                   |                           |                                                                     |                                                                                               |
| Container(s) used                                                                                                                                                                                                                                                                                                                                                | CONTAINER 1               |                                                                     | CONTAINER 2                                                                                   |
| Uncorrected Temp (°C):                                                                                                                                                                                                                                                                                                                                           |                           |                                                                     |                                                                                               |
| Corrected Temp (°C):                                                                                                                                                                                                                                                                                                                                             |                           |                                                                     |                                                                                               |
| <b>Exceptions Noted</b>                                                                                                                                                                                                                                                                                                                                          |                           |                                                                     |                                                                                               |
| 1) If temperature exceeds criteria, was sample(s) received same day of sampling? <input type="checkbox"/> Yes <input type="checkbox"/> No                                                                                                                                                                                                                        |                           |                                                                     |                                                                                               |
| a) If yes: Is there evidence that the chilling process began? <input type="checkbox"/> Yes <input type="checkbox"/> 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?) <input type="checkbox"/> Yes <input type="checkbox"/> No                                                                                                                                 |                           |                                                                     |                                                                                               |
| NOTE: If yes, contact PM before proceeding. If no, proceed with login                                                                                                                                                                                                                                                                                            |                           |                                                                     |                                                                                               |
| <b>Additional Comments</b>                                                                                                                                                                                                                                                                                                                                       |                           |                                                                     |                                                                                               |
| <u>MW-90-18 only HCl</u>                                                                                                                                                                                                                                                                                                                                         |                           |                                                                     |                                                                                               |
| <u>V. q/s. No N/T</u>                                                                                                                                                                                                                                                                                                                                            |                           |                                                                     |                                                                                               |



Environment Testing  
America

Place COC scanning label  
here

### Cooler/Sample Receipt and Temperature Log Form

|                                                                                                                                                                                                                                                                                                                                                                   |                           |                                  |                        |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|----------------------------------|------------------------|
| <b>Client Information</b>                                                                                                                                                                                                                                                                                                                                         |                           |                                  |                        |
| Client: <u>SCS</u>                                                                                                                                                                                                                                                                                                                                                |                           |                                  |                        |
| City/State:                                                                                                                                                                                                                                                                                                                                                       | CITY <u>W. Des Moines</u> | STATE <u>IA</u>                  | Project:               |
| <b>Receipt Information</b>                                                                                                                                                                                                                                                                                                                                        |                           |                                  |                        |
| Date/Time Received:                                                                                                                                                                                                                                                                                                                                               | DATE <u>11-7-25</u>       | TIME <u>1730</u>                 | Received By: <u>PH</u> |
| Delivery Type: <input type="checkbox"/> UPS <input type="checkbox"/> FedEx <input type="checkbox"/> FedEx Ground <input type="checkbox"/> US Mail <input type="checkbox"/> Spee-Dee<br><input checked="" type="checkbox"/> Lab Courier <input type="checkbox"/> Lab Field Services <input type="checkbox"/> Client Drop-off <input type="checkbox"/> Other: _____ |                           |                                  |                        |
| <b>Condition of Cooler/Containers</b>                                                                                                                                                                                                                                                                                                                             |                           |                                  |                        |
| Sample(s) received in Cooler? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If yes: Cooler ID _____                                                                                                                                                                                                                                         |                           |                                  |                        |
| Multiple Coolers? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If yes: Cooler # <u>2</u> of <u>2</u>                                                                                                                                                                                                                                       |                           |                                  |                        |
| Cooler Custody Seals Present? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes: Cooler custody seals intact? <input type="checkbox"/> Yes <input type="checkbox"/> No                                                                                                                                                                   |                           |                                  |                        |
| Sample Custody Seals Present? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes: Sample custody seals intact? <input type="checkbox"/> Yes <input type="checkbox"/> No                                                                                                                                                                   |                           |                                  |                        |
| Trip Blank Present? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If yes: Which VOA samples are in cooler? ↓<br><u><del>1Ae Rest</del> MW-39, 40, 41, 42, 32, 33, 90-18, D2</u>                                                                                                                                                             |                           |                                  |                        |
| <b>Temperature Record</b>                                                                                                                                                                                                                                                                                                                                         |                           |                                  |                        |
| Coolant: <input checked="" type="checkbox"/> Wet ice <input type="checkbox"/> Blue ice <input type="checkbox"/> Dry ice <input type="checkbox"/> Other: _____ <input type="checkbox"/> NONE                                                                                                                                                                       |                           |                                  |                        |
| Thermometer ID: <u>CC</u>                                                                                                                                                                                                                                                                                                                                         |                           | Correction Factor (°C): <u>0</u> |                        |
| • Temp Blank Temperature – If no temp blank, or temp blank temperature above criteria, proceed to Sample Container Temperature                                                                                                                                                                                                                                    |                           |                                  |                        |
| Uncorrected Temp (°C): <u>0.2</u>                                                                                                                                                                                                                                                                                                                                 |                           | Corrected Temp (°C): <u>0.2</u>  |                        |
| • Sample Container Temperature                                                                                                                                                                                                                                                                                                                                    |                           |                                  |                        |
| Container(s) used.                                                                                                                                                                                                                                                                                                                                                | CONTAINER 1               | CONTAINER 2                      |                        |
| Uncorrected Temp (°C):                                                                                                                                                                                                                                                                                                                                            |                           |                                  |                        |
| Corrected Temp (°C):                                                                                                                                                                                                                                                                                                                                              |                           |                                  |                        |
| <b>Exceptions Noted</b>                                                                                                                                                                                                                                                                                                                                           |                           |                                  |                        |
| 1) If temperature exceeds criteria, was sample(s) received same day of sampling? <input type="checkbox"/> Yes <input type="checkbox"/> No<br>a) If yes: Is there evidence that the chilling process began? <input type="checkbox"/> Yes <input type="checkbox"/> 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?) <input type="checkbox"/> Yes <input type="checkbox"/> No                                                                                                                                  |                           |                                  |                        |
| NOTE: If yes, contact PM before proceeding If no, proceed with login                                                                                                                                                                                                                                                                                              |                           |                                  |                        |
| <b>Additional Comments</b>                                                                                                                                                                                                                                                                                                                                        |                           |                                  |                        |
|                                                                                                                                                                                                                                                                                                                                                                   |                           |                                  |                        |
|                                                                                                                                                                                                                                                                                                                                                                   |                           |                                  |                        |
|                                                                                                                                                                                                                                                                                                                                                                   |                           |                                  |                        |



### Cooler/Sample Receipt and Temperature Log Form

|                                                                                                                                                                                                                                                                                                                                                                   |                           |                                                          |                        |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|----------------------------------------------------------|------------------------|
| <b>Client Information</b>                                                                                                                                                                                                                                                                                                                                         |                           |                                                          |                        |
| Client: <u>SCS</u>                                                                                                                                                                                                                                                                                                                                                |                           |                                                          |                        |
| City/State:                                                                                                                                                                                                                                                                                                                                                       | CITY <u>W. Des Moines</u> | STATE <u>IA</u>                                          | Project:               |
| <b>Receipt Information</b>                                                                                                                                                                                                                                                                                                                                        |                           |                                                          |                        |
| Date/Time Received:                                                                                                                                                                                                                                                                                                                                               | DATE <u>11-7-18</u>       | TIME <u>1230</u>                                         | Received By: <u>PA</u> |
| Delivery Type: <input type="checkbox"/> UPS <input type="checkbox"/> FedEx <input type="checkbox"/> FedEx Ground <input type="checkbox"/> US Mail <input type="checkbox"/> Spee-Dee<br><input checked="" type="checkbox"/> Lab Courier <input type="checkbox"/> Lab Field Services <input type="checkbox"/> Client Drop-off <input type="checkbox"/> Other: _____ |                           |                                                          |                        |
| <b>Condition of Cooler/Containers</b>                                                                                                                                                                                                                                                                                                                             |                           |                                                          |                        |
| Sample(s) received in Cooler?                                                                                                                                                                                                                                                                                                                                     |                           | If yes: Cooler ID:                                       |                        |
| <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                                                                                                                                                                                                                                                               |                           |                                                          |                        |
| Multiple Coolers?                                                                                                                                                                                                                                                                                                                                                 |                           | If yes: Cooler # <u>5</u> of <u>5</u>                    |                        |
| <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                                                                                                                                                                                                                                                               |                           |                                                          |                        |
| Cooler Custody Seals Present?                                                                                                                                                                                                                                                                                                                                     |                           | If yes: Cooler custody seals intact?                     |                        |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                                                                                                                                                                                                                                                                                               |                           | <input type="checkbox"/> Yes <input type="checkbox"/> No |                        |
| Sample Custody Seals Present?                                                                                                                                                                                                                                                                                                                                     |                           | If yes: Sample custody seals intact?                     |                        |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                                                                                                                                                                                                                                                                                               |                           | <input type="checkbox"/> Yes <input type="checkbox"/> No |                        |
| Trip Blank Present?                                                                                                                                                                                                                                                                                                                                               |                           | If yes: Which VOA samples are in cooler? ↓               |                        |
| <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                                                                                                                                                                                                                                                               |                           |                                                          |                        |
| <u>The Rest</u>                                                                                                                                                                                                                                                                                                                                                   |                           |                                                          |                        |
| <b>Temperature Record</b>                                                                                                                                                                                                                                                                                                                                         |                           |                                                          |                        |
| Coolant: <input checked="" type="checkbox"/> Wet ice <input type="checkbox"/> Blue ice <input type="checkbox"/> Dry ice <input type="checkbox"/> Other: _____ <input type="checkbox"/> NONE                                                                                                                                                                       |                           |                                                          |                        |
| Thermometer ID: <u>CC</u>                                                                                                                                                                                                                                                                                                                                         |                           | Correction Factor (°C): <u>0</u>                         |                        |
| • <b>Temp Blank Temperature</b> – If no temp blank, or temp blank temperature above criteria, proceed to Sample Container Temperature                                                                                                                                                                                                                             |                           |                                                          |                        |
| Uncorrected Temp (°C): <u>0.2</u>                                                                                                                                                                                                                                                                                                                                 |                           | Corrected Temp (°C): <u>0.2</u>                          |                        |
| • <b>Sample Container Temperature</b>                                                                                                                                                                                                                                                                                                                             |                           |                                                          |                        |
| Container(s) used:                                                                                                                                                                                                                                                                                                                                                | CONTAINER 1               |                                                          | CONTAINER 2            |
| Uncorrected Temp (°C):                                                                                                                                                                                                                                                                                                                                            |                           |                                                          |                        |
| Corrected Temp (°C):                                                                                                                                                                                                                                                                                                                                              |                           |                                                          |                        |
| <b>Exceptions Noted</b>                                                                                                                                                                                                                                                                                                                                           |                           |                                                          |                        |
| 1) If temperature exceeds criteria, was sample(s) received same day of sampling? <input type="checkbox"/> Yes <input type="checkbox"/> No                                                                                                                                                                                                                         |                           |                                                          |                        |
| a) If yes: Is there evidence that the chilling process began? <input type="checkbox"/> Yes <input type="checkbox"/> 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?) <input type="checkbox"/> Yes <input type="checkbox"/> No                                                                                                                                  |                           |                                                          |                        |
| NOTE If yes, contact PM before proceeding If no, proceed with login                                                                                                                                                                                                                                                                                               |                           |                                                          |                        |
| <b>Additional Comments</b>                                                                                                                                                                                                                                                                                                                                        |                           |                                                          |                        |
|                                                                                                                                                                                                                                                                                                                                                                   |                           |                                                          |                        |
|                                                                                                                                                                                                                                                                                                                                                                   |                           |                                                          |                        |
|                                                                                                                                                                                                                                                                                                                                                                   |                           |                                                          |                        |

Chain of Custody Record



Cedar Falls, IA 50613-6907  
phone 319.277.2401 fax 319.277.2425

TestAmerica Laboratories, Inc. d/b/a Eurofins TestAmerica

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

Project Manager: Sean Murcia

|                                                           |  |                            |  |                                   |  |                                                                                                                                        |  |         |  |                             |  |
|-----------------------------------------------------------|--|----------------------------|--|-----------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------|--|---------|--|-----------------------------|--|
| SCS Engineers                                             |  | Client Contact             |  | Email: <u>sean.murcia@scs.com</u> |  | Lab Contact:                                                                                                                           |  | Date:   |  | COC No. _____ of _____ COCs |  |
| 1690 All-State Court, Suite 100                           |  | West Des Moines, IA 50265  |  | Cell: <u>712-661-4682</u>         |  | Analysis Turnaround Time                                                                                                               |  | Carrier |  | Sampler                     |  |
| 515-631-6160                                              |  |                            |  |                                   |  | <input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS                                                           |  |         |  | For Lab Use Only            |  |
| Project Name: Clinton County South 2025 GW Sampling Event |  | Site: Clinton County South |  | P O # 27225262.26                 |  | Other: <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day |  |         |  | Walk-in Client              |  |
|                                                           |  |                            |  |                                   |  |                                                                                                                                        |  |         |  | Lab Sampling                |  |
|                                                           |  |                            |  |                                   |  |                                                                                                                                        |  |         |  | Job / SDG No                |  |

| Sample Identification | Sample Date        | Sample Time | Sample Type (C=C, M=M, G=G, R=R) | Matrix Cont. | Filtered Sample (Y/N) | Form MS / MSD (Y/N) | Appendix | Total Suspended Solids | Vinyl Chloride | Trip Blank | Sample Specific Notes:                                                       |
|-----------------------|--------------------|-------------|----------------------------------|--------------|-----------------------|---------------------|----------|------------------------|----------------|------------|------------------------------------------------------------------------------|
| MW-06-TR              | 11/3/25            | 15:40       |                                  |              |                       |                     |          | X                      |                |            | Included in Clinton North bottle order                                       |
| MW-05-2               |                    |             |                                  |              |                       |                     |          | X                      |                |            |                                                                              |
| MW-05-3               |                    |             |                                  |              |                       |                     |          | X                      |                |            |                                                                              |
| MW-05-8R              |                    |             |                                  |              |                       |                     |          | X                      |                |            |                                                                              |
| MW-19                 | 11/4/25            | 14:45       |                                  |              |                       |                     |          | X                      |                |            |                                                                              |
| MW-25R                | <del>11/4/25</del> |             |                                  |              |                       |                     |          | X                      |                |            |                                                                              |
| MW-28                 | 11/6/25            | 8:22        |                                  |              |                       |                     |          | X                      |                |            |                                                                              |
| MW-29                 | 11/6/25            | 14:08       |                                  |              |                       |                     |          | X                      |                |            |                                                                              |
| UD-2                  |                    |             |                                  |              |                       |                     |          | X                      |                |            |                                                                              |
| GU-1                  |                    |             |                                  |              |                       |                     |          | X                      |                |            |                                                                              |
| MW-39                 | 11/7/25            | 8:24        |                                  |              |                       |                     |          | X                      |                |            |                                                                              |
| MW-40                 | 11/6/25            | 10:26       |                                  |              |                       |                     |          | X                      |                |            |                                                                              |
| MW-41                 | 11/6/25            | 11:20       |                                  |              |                       |                     |          | X                      |                |            |                                                                              |
| MW-42                 | 11/6/25            | 13:01       |                                  |              |                       |                     |          | X                      |                |            |                                                                              |
| MW-90-11              | 11/4/25            | 16:50       |                                  |              |                       |                     |          | X                      |                |            |                                                                              |
| MW-20                 | 11/4/25            | 13:26       |                                  |              |                       |                     |          | X                      |                |            |                                                                              |
| MW-24                 | 11/4/25            | 12:45       |                                  |              |                       |                     |          | X                      |                |            |                                                                              |
| MW-32                 | 11/7/25            | 7:31        |                                  |              |                       |                     |          | X                      |                |            |                                                                              |
| MW-33                 | 11/5/25            | 12:08       |                                  |              |                       |                     |          | X                      |                |            |                                                                              |
| MW-34                 |                    |             |                                  |              |                       |                     |          |                        | X              |            |                                                                              |
| MW-90-18              | 11/7/25            | 9:22        |                                  |              |                       |                     |          |                        | X              |            |                                                                              |
| MW-D1                 | 11/4/25            | 15:19       |                                  |              |                       |                     |          | X                      |                |            |                                                                              |
| MW-D2                 | 11/7/25            | 7:37        |                                  |              |                       |                     |          | X                      |                |            |                                                                              |
| Trip Blank            |                    |             |                                  |              |                       |                     |          |                        |                | X          | Please include trip blanks in every cooler containing VOC sample containers. |

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

Special Instructions/QC Requirements & Comments: Please include trip blanks in every cooler containing VOC sample containers.

☐ Return to Client ☐ Dispose by Lab ☐ Archive for \_\_\_\_\_ Months

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

|                                                                               |                        |                                 |                                      |                                 |
|-------------------------------------------------------------------------------|------------------------|---------------------------------|--------------------------------------|---------------------------------|
| Custody Seal Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No | Custody Seal No. _____ | Cooler Temp. (°C) Obs'd: _____  | Corr'd: _____                        | Therm ID No. _____              |
| Relinquished by: <u>Michael Morgan</u>                                        | Company: <u>SCS</u>    | Date/Time: <u>11/7/25 13:30</u> | Received by: _____                   | Date/Time: _____                |
| Relinquished by: _____                                                        | Company: _____         | Date/Time: _____                | Received by: _____                   | Date/Time: _____                |
| Relinquished by: _____                                                        | Company: _____         | Date/Time: _____                | Received in Laboratory by: <u>AK</u> | Date/Time: <u>11-7-25 17:30</u> |

Form No. CA-C-WI-002, Rev 4.23, dated 4/16/2019

**3019 Venture Way**  
Cedar Falls, IA 50613  
Phone: 319-277-2401 Fax: 319-277-2425

Page 84 of 86

Ver: 10/10/2024

11/21/2025

## Login Sample Receipt Checklist

Client: SCS Engineers

Job Number: 310-320142-1

**Login Number: 320142**

**List Source: Eurofins Cedar Falls**

**List Number: 1**

**Creator: Schaufenbuel, Erin**

| Question                                                                                 | Answer | Comment |
|------------------------------------------------------------------------------------------|--------|---------|
| Radioactivity wasn't checked or is $\leq$ 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 $<6\text{mm}$ (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: SCS Engineers

Job Number: 310-320142-1

**Login Number: 320142**

**List Number: 2**

**Creator: Trzos, Hazel**

**List Source: Eurofins Lancaster Laboratories Environment Testing, LLC**

**List Creation: 11/11/25 11:14 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 ( $\leq 6^{\circ}\text{C}$ , not frozen). | True   |                                    |
| Cooler Temperature is recorded.                                                                         | True   |                                    |
| WV: Container Temp acceptable, where thermal pres is required ( $\leq 6^{\circ}\text{C}$ , 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 $> 6\text{mm}$ in diameter (none, if from WV)?                   | N/A    |                                    |

# ANALYTICAL REPORT

## PREPARED FOR

Attn: Nathan Ohrt  
SCS Engineers  
1690 All State Court  
Suite 100

West Des Moines, Iowa 50265

Generated 11/25/2025 8:38:29 AM Revision 1

## JOB DESCRIPTION

Clinton County North - 2nd 2025 GW Sampling Event  
Clinton County North

## JOB NUMBER

310-320144-1

# 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



Authorized for release by  
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Revision 1

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## Case Narrative

Client: SCS Engineers  
Project: Clinton County North - 2nd 2025 GW Sampling Event

Job ID: 310-320144-1

**Job ID: 310-320144-1**

**Eurofins Cedar Falls**

### **Job Narrative 310-320144-1**

#### **Receipt**

The samples were received on 11/7/2025 5:30 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 1.8° C.

#### **GC/MS VOA**

Method 8260D: The continuing calibration verification (CCV) associated with batch 310-473296 recovered above the upper control limit for Bromomethane (52%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 310-473296/4).

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

#### **Metals**

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

#### **General Chemistry**

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

#### **VOA Prep**

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Eurofins Cedar Falls

## Sample Summary

Client: SCS Engineers  
Project/Site: Clinton County North - 2nd 2025 GW Sampling  
Event

Job ID: 310-320144-1  
SDG: Clinton County North

| Lab Sample ID | Client Sample ID | Matrix | Collected      | Received       | Sample Origin |
|---------------|------------------|--------|----------------|----------------|---------------|
| 310-320144-1  | MW-06-7R         | Water  | 11/05/25 11:28 | 11/07/25 17:30 | Iowa          |
| 310-320144-2  | MW-90-5          | Water  | 11/06/25 15:51 | 11/07/25 17:30 | Iowa          |
| 310-320144-3  | MW-90-13         | Water  | 11/05/25 07:58 | 11/07/25 17:30 | Iowa          |
| 310-320144-4  | MW-03-16         | Water  | 11/05/25 08:50 | 11/07/25 17:30 | Iowa          |
| 310-320144-5  | PZ-R3            | Water  | 11/05/25 09:39 | 11/07/25 17:30 | Iowa          |
| 310-320144-6  | PZ-R4            | Water  | 11/05/25 10:23 | 11/07/25 17:30 | Iowa          |
| 310-320144-7  | MW-06-6R         | Water  | 11/06/25 15:08 | 11/07/25 17:30 | Iowa          |
| 310-320144-8  | MW-D             | Water  | 11/05/25 09:05 | 11/07/25 17:30 | Iowa          |
| 310-320144-9  | Trip Blank       | Water  | 11/05/25 00:00 | 11/07/25 17:30 | Iowa          |

# Detection Summary

Client: SCS Engineers  
Project/Site: Clinton County North - 2nd 2025 GW Sampling  
Event

Job ID: 310-320144-1  
SDG: Clinton County North

## Client Sample ID: MW-06-7R

## Lab Sample ID: 310-320144-1

| Analyte                | Result  | Qualifier | RL      | MDL      | Unit | Dil Fac | D | Method    | Prep Type |
|------------------------|---------|-----------|---------|----------|------|---------|---|-----------|-----------|
| Arsenic                | 0.00260 |           | 0.00200 | 0.000530 | mg/L | 1       |   | 6020B     | Total/NA  |
| Barium                 | 0.103   |           | 0.00200 | 0.000660 | mg/L | 1       |   | 6020B     | Total/NA  |
| Chromium               | 0.00367 | J         | 0.00500 | 0.00180  | mg/L | 1       |   | 6020B     | Total/NA  |
| Total Suspended Solids | 10.7    |           | 5.00    | 3.50     | mg/L | 1       |   | I-3765-85 | Total/NA  |

## Client Sample ID: MW-90-5

## Lab Sample ID: 310-320144-2

| Analyte                  | Result | Qualifier | RL    | MDL   | Unit | Dil Fac | D | Method | Prep Type |
|--------------------------|--------|-----------|-------|-------|------|---------|---|--------|-----------|
| Benzene                  | 0.295  | J         | 0.500 | 0.220 | ug/L | 1       |   | 8260D  | Total/NA  |
| Chlorobenzene            | 1.78   |           | 1.00  | 0.350 | ug/L | 1       |   | 8260D  | Total/NA  |
| cis-1,2-Dichloroethene   | 29.3   |           | 1.00  | 0.550 | ug/L | 1       |   | 8260D  | Total/NA  |
| Tetrachloroethene        | 0.611  | J         | 1.00  | 0.480 | ug/L | 1       |   | 8260D  | Total/NA  |
| trans-1,2-Dichloroethene | 0.859  | J         | 1.00  | 0.410 | ug/L | 1       |   | 8260D  | Total/NA  |
| Trichloroethene          | 21.9   |           | 1.00  | 0.350 | ug/L | 1       |   | 8260D  | Total/NA  |

## Client Sample ID: MW-90-13

## Lab Sample ID: 310-320144-3

| Analyte             | Result | Qualifier | RL    | MDL   | Unit | Dil Fac | D | Method | Prep Type |
|---------------------|--------|-----------|-------|-------|------|---------|---|--------|-----------|
| 1,4-Dichlorobenzene | 1.38   |           | 1.00  | 0.490 | ug/L | 1       |   | 8260D  | Total/NA  |
| Acetone             | 9.11   | J         | 10.0  | 3.80  | ug/L | 1       |   | 8260D  | Total/NA  |
| Benzene             | 6.39   |           | 0.500 | 0.220 | ug/L | 1       |   | 8260D  | Total/NA  |
| Ethylbenzene        | 1.95   |           | 1.00  | 0.420 | ug/L | 1       |   | 8260D  | Total/NA  |
| Toluene             | 1.30   |           | 1.00  | 0.430 | ug/L | 1       |   | 8260D  | Total/NA  |

## Client Sample ID: MW-03-16

## Lab Sample ID: 310-320144-4

| Analyte                | Result  | Qualifier | RL       | MDL      | Unit | Dil Fac | D | Method    | Prep Type |
|------------------------|---------|-----------|----------|----------|------|---------|---|-----------|-----------|
| 1,4-Dichlorobenzene    | 2.20    |           | 1.00     | 0.490    | ug/L | 1       |   | 8260D     | Total/NA  |
| Acetone                | 7.68    | J         | 10.0     | 3.80     | ug/L | 1       |   | 8260D     | Total/NA  |
| Benzene                | 10.2    |           | 0.500    | 0.220    | ug/L | 1       |   | 8260D     | Total/NA  |
| Chlorobenzene          | 10.9    |           | 1.00     | 0.350    | ug/L | 1       |   | 8260D     | Total/NA  |
| Chloroethane           | 1.56    | J         | 4.00     | 0.900    | ug/L | 1       |   | 8260D     | Total/NA  |
| Arsenic                | 0.155   |           | 0.00200  | 0.000530 | mg/L | 1       |   | 6020B     | Total/NA  |
| Barium                 | 0.373   |           | 0.00200  | 0.000660 | mg/L | 1       |   | 6020B     | Total/NA  |
| Chromium               | 0.0143  |           | 0.00500  | 0.00180  | mg/L | 1       |   | 6020B     | Total/NA  |
| Cobalt                 | 0.00669 |           | 0.000500 | 0.000170 | mg/L | 1       |   | 6020B     | Total/NA  |
| Nickel                 | 0.0460  |           | 0.00500  | 0.00230  | mg/L | 1       |   | 6020B     | Total/NA  |
| Total Suspended Solids | 92.0    |           | 15.0     | 10.5     | mg/L | 1       |   | I-3765-85 | Total/NA  |

## Client Sample ID: PZ-R3

## Lab Sample ID: 310-320144-5

| Analyte                | Result | Qualifier | RL      | MDL      | Unit | Dil Fac | D | Method    | Prep Type |
|------------------------|--------|-----------|---------|----------|------|---------|---|-----------|-----------|
| Benzene                | 0.237  | J         | 0.500   | 0.220    | ug/L | 1       |   | 8260D     | Total/NA  |
| Arsenic                | 0.0473 |           | 0.00200 | 0.000530 | mg/L | 1       |   | 6020B     | Total/NA  |
| Total Suspended Solids | 157    |           | 15.0    | 10.5     | mg/L | 1       |   | I-3765-85 | Total/NA  |

## Client Sample ID: PZ-R4

## Lab Sample ID: 310-320144-6

| Analyte                | Result | Qualifier | RL      | MDL      | Unit | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|---------|----------|------|---------|---|--------|-----------|
| Benzene                | 0.239  | J         | 0.500   | 0.220    | ug/L | 1       |   | 8260D  | Total/NA  |
| cis-1,2-Dichloroethene | 0.749  | J         | 1.00    | 0.550    | ug/L | 1       |   | 8260D  | Total/NA  |
| Arsenic                | 0.0230 |           | 0.00200 | 0.000530 | mg/L | 1       |   | 6020B  | Total/NA  |

This Detection Summary does not include radiochemical test results.

Eurofins Cedar Falls

## Detection Summary

Client: SCS Engineers  
Project/Site: Clinton County North - 2nd 2025 GW Sampling  
Event

Job ID: 310-320144-1  
SDG: Clinton County North

### Client Sample ID: PZ-R4 (Continued)

Lab Sample ID: 310-320144-6

| Analyte                | Result  | Qualifier | RL       | MDL      | Unit | Dil Fac | D | Method    | Prep Type |
|------------------------|---------|-----------|----------|----------|------|---------|---|-----------|-----------|
| Barium                 | 0.340   |           | 0.00200  | 0.000660 | mg/L | 1       |   | 6020B     | Total/NA  |
| Cobalt                 | 0.00239 |           | 0.000500 | 0.000170 | mg/L | 1       |   | 6020B     | Total/NA  |
| Nickel                 | 0.0141  |           | 0.00500  | 0.00230  | mg/L | 1       |   | 6020B     | Total/NA  |
| Total Suspended Solids | 88.0    |           | 15.0     | 10.5     | mg/L | 1       |   | I-3765-85 | Total/NA  |

### Client Sample ID: MW-06-6R

Lab Sample ID: 310-320144-7

| Analyte                | Result   | Qualifier | RL       | MDL      | Unit | Dil Fac | D | Method    | Prep Type |
|------------------------|----------|-----------|----------|----------|------|---------|---|-----------|-----------|
| Arsenic                | 0.000780 | J         | 0.00200  | 0.000530 | mg/L | 1       |   | 6020B     | Total/NA  |
| Barium                 | 0.397    |           | 0.00200  | 0.000660 | mg/L | 1       |   | 6020B     | Total/NA  |
| Cobalt                 | 0.000282 | J         | 0.000500 | 0.000170 | mg/L | 1       |   | 6020B     | Total/NA  |
| Total Suspended Solids | 21.0     |           | 1.88     | 1.31     | mg/L | 1       |   | I-3765-85 | Total/NA  |

### Client Sample ID: MW-D

Lab Sample ID: 310-320144-8

| Analyte                | Result  | Qualifier | RL       | MDL      | Unit | Dil Fac | D | Method    | Prep Type |
|------------------------|---------|-----------|----------|----------|------|---------|---|-----------|-----------|
| 1,4-Dichlorobenzene    | 2.20    |           | 1.00     | 0.490    | ug/L | 1       |   | 8260D     | Total/NA  |
| Acetone                | 7.92    | J         | 10.0     | 3.80     | ug/L | 1       |   | 8260D     | Total/NA  |
| Benzene                | 9.74    |           | 0.500    | 0.220    | ug/L | 1       |   | 8260D     | Total/NA  |
| Chlorobenzene          | 10.6    |           | 1.00     | 0.350    | ug/L | 1       |   | 8260D     | Total/NA  |
| Chloroethane           | 1.57    | J         | 4.00     | 0.900    | ug/L | 1       |   | 8260D     | Total/NA  |
| Arsenic                | 0.149   |           | 0.00200  | 0.000530 | mg/L | 1       |   | 6020B     | Total/NA  |
| Barium                 | 0.390   |           | 0.00200  | 0.000660 | mg/L | 1       |   | 6020B     | Total/NA  |
| Cobalt                 | 0.00584 |           | 0.000500 | 0.000170 | mg/L | 1       |   | 6020B     | Total/NA  |
| Nickel                 | 0.0368  |           | 0.00500  | 0.00230  | mg/L | 1       |   | 6020B     | Total/NA  |
| Total Suspended Solids | 95.0    |           | 15.0     | 10.5     | mg/L | 1       |   | I-3765-85 | Total/NA  |

### Client Sample ID: Trip Blank

Lab Sample ID: 310-320144-9

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Cedar Falls

## Quantitation Limit Exceptions Summary

Client: SCS Engineers  
Project/Site: Clinton County North - 2nd 2025 GW Sampling  
Event

Job ID: 310-320144-1  
SDG: Clinton County North

The requested project specific reporting limits listed below were less than laboratory standard quantitation limits (PQL) but greater than or equal to the laboratory method detection limits (MDL). It must be noted that results reported below lab standard quantitation limits may result in false positive/false negative values and less accurate quantitation. Routine laboratory procedures do not indicate corrective action for detections below the laboratory's PQL.

| Method | Analyte                     | Matrix | Prep Type | Unit | Client RL | Lab PQL |
|--------|-----------------------------|--------|-----------|------|-----------|---------|
| 8260D  | 1,2-Dibromo-3-Chloropropane | Water  | Total/NA  | ug/L | 1.20      | 5.0     |
| 8260D  | 1,2-Dibromoethane (EDB)     | Water  | Total/NA  | ug/L | 0.340     | 1.0     |

# Client Sample Results

Client: SCS Engineers  
Project/Site: Clinton County North - 2nd 2025 GW Sampling  
Event

Job ID: 310-320144-1  
SDG: Clinton County North

Client Sample ID: MW-06-7R

Lab Sample ID: 310-320144-1

Date Collected: 11/05/25 11:28

Matrix: Water

Date Received: 11/07/25 17:30

## 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   | <1.00  | F1        | 1.00  | 0.380 | ug/L |   |          | 11/12/25 03:11 | 1       |
| 1,1,1-Trichloroethane       | <1.00  | F1        | 1.00  | 0.420 | ug/L |   |          | 11/12/25 03:11 | 1       |
| 1,1,2,2-Tetrachloroethane   | <1.00  | F1        | 1.00  | 0.350 | ug/L |   |          | 11/12/25 03:11 | 1       |
| 1,1,2-Trichloroethane       | <1.00  | F1        | 1.00  | 0.330 | ug/L |   |          | 11/12/25 03:11 | 1       |
| 1,1-Dichloroethane          | <1.00  | F1        | 1.00  | 0.400 | ug/L |   |          | 11/12/25 03:11 | 1       |
| 1,1-Dichloroethene          | <2.00  | F1        | 2.00  | 0.460 | ug/L |   |          | 11/12/25 03:11 | 1       |
| 1,2,3-Trichloropropane      | <1.00  | F1        | 1.00  | 0.430 | ug/L |   |          | 11/12/25 03:11 | 1       |
| 1,2-Dibromo-3-Chloropropane | <1.20  | F1        | 1.20  | 1.20  | ug/L |   |          | 11/12/25 03:11 | 1       |
| 1,2-Dibromoethane (EDB)     | <0.340 | F1        | 0.340 | 0.340 | ug/L |   |          | 11/12/25 03:11 | 1       |
| 1,2-Dichlorobenzene         | <1.00  | F1        | 1.00  | 0.370 | ug/L |   |          | 11/12/25 03:11 | 1       |
| 1,2-Dichloroethane          | <1.00  | F1        | 1.00  | 0.890 | ug/L |   |          | 11/12/25 03:11 | 1       |
| 1,2-Dichloropropane         | <1.00  | F1        | 1.00  | 0.380 | ug/L |   |          | 11/12/25 03:11 | 1       |
| 1,4-Dichlorobenzene         | <1.00  | F1        | 1.00  | 0.490 | ug/L |   |          | 11/12/25 03:11 | 1       |
| 2-Butanone (MEK)            | <10.0  | F1        | 10.0  | 3.40  | ug/L |   |          | 11/12/25 03:11 | 1       |
| 2-Hexanone                  | <10.0  |           | 10.0  | 3.80  | ug/L |   |          | 11/12/25 17:59 | 1       |
| 4-Methyl-2-pentanone (MIBK) | <10.0  | F1        | 10.0  | 3.50  | ug/L |   |          | 11/12/25 03:11 | 1       |
| Acetone                     | <10.0  | F1        | 10.0  | 3.80  | ug/L |   |          | 11/12/25 03:11 | 1       |
| Acrylonitrile               | <10.0  | F1        | 10.0  | 2.20  | ug/L |   |          | 11/12/25 03:11 | 1       |
| Benzene                     | <0.500 | F1        | 0.500 | 0.220 | ug/L |   |          | 11/12/25 03:11 | 1       |
| Bromochloromethane          | <5.00  | F1        | 5.00  | 1.70  | ug/L |   |          | 11/12/25 03:11 | 1       |
| Bromodichloromethane        | <1.00  | F1        | 1.00  | 0.390 | ug/L |   |          | 11/12/25 03:11 | 1       |
| Bromoform                   | <5.00  | F1        | 5.00  | 2.60  | ug/L |   |          | 11/12/25 03:11 | 1       |
| Bromomethane                | <4.00  |           | 4.00  | 1.10  | ug/L |   |          | 11/12/25 03:11 | 1       |
| Carbon disulfide            | <1.00  | F1        | 1.00  | 0.450 | ug/L |   |          | 11/12/25 03:11 | 1       |
| Carbon tetrachloride        | <2.00  | F1        | 2.00  | 0.650 | ug/L |   |          | 11/12/25 03:11 | 1       |
| Chlorobenzene               | <1.00  | F1        | 1.00  | 0.350 | ug/L |   |          | 11/12/25 03:11 | 1       |
| Chlorodibromomethane        | <5.00  | F1        | 5.00  | 1.50  | ug/L |   |          | 11/12/25 03:11 | 1       |
| Chloroethane                | <4.00  |           | 4.00  | 0.900 | ug/L |   |          | 11/12/25 03:11 | 1       |
| Chloroform                  | <3.00  | F1        | 3.00  | 1.30  | ug/L |   |          | 11/12/25 03:11 | 1       |
| Chloromethane               | <3.00  |           | 3.00  | 0.610 | ug/L |   |          | 11/12/25 03:11 | 1       |
| cis-1,2-Dichloroethene      | <1.00  | F1        | 1.00  | 0.550 | ug/L |   |          | 11/12/25 03:11 | 1       |
| cis-1,3-Dichloropropene     | <5.00  | F1        | 5.00  | 1.20  | ug/L |   |          | 11/12/25 03:11 | 1       |
| Dibromomethane              | <1.00  | F1        | 1.00  | 0.330 | ug/L |   |          | 11/12/25 03:11 | 1       |
| Ethylbenzene                | <1.00  | F1        | 1.00  | 0.420 | ug/L |   |          | 11/12/25 03:11 | 1       |
| Iodomethane                 | <10.0  | F1        | 10.0  | 2.60  | ug/L |   |          | 11/12/25 03:11 | 1       |
| Methylene Chloride          | <5.00  | F1        | 5.00  | 1.70  | ug/L |   |          | 11/12/25 03:11 | 1       |
| Styrene                     | <1.00  | F1        | 1.00  | 0.370 | ug/L |   |          | 11/12/25 03:11 | 1       |
| Tetrachloroethene           | <1.00  | F1        | 1.00  | 0.480 | ug/L |   |          | 11/12/25 03:11 | 1       |
| Toluene                     | <1.00  | F1        | 1.00  | 0.430 | ug/L |   |          | 11/12/25 03:11 | 1       |
| trans-1,2-Dichloroethene    | <1.00  | F1        | 1.00  | 0.410 | ug/L |   |          | 11/12/25 03:11 | 1       |
| trans-1,3-Dichloropropene   | <5.00  | F1        | 5.00  | 2.30  | ug/L |   |          | 11/12/25 03:11 | 1       |
| trans-1,4-Dichloro-2-butene | <10.0  |           | 10.0  | 2.40  | ug/L |   |          | 11/12/25 03:11 | 1       |
| Trichloroethene             | <1.00  | F1        | 1.00  | 0.350 | ug/L |   |          | 11/12/25 03:11 | 1       |
| Trichlorofluoromethane      | <4.00  |           | 4.00  | 0.470 | ug/L |   |          | 11/12/25 03:11 | 1       |
| Vinyl acetate               | <10.0  |           | 10.0  | 7.10  | ug/L |   |          | 11/12/25 03:11 | 1       |
| Vinyl chloride              | <1.00  |           | 1.00  | 0.430 | ug/L |   |          | 11/12/25 03:11 | 1       |
| Xylenes, Total              | <3.00  | F1        | 3.00  | 1.10  | ug/L |   |          | 11/12/25 03:11 | 1       |

Eurofins Cedar Falls

# Client Sample Results

Client: SCS Engineers  
Project/Site: Clinton County North - 2nd 2025 GW Sampling  
Event

Job ID: 310-320144-1  
SDG: Clinton County North

**Client Sample ID: MW-06-7R**

**Lab Sample ID: 310-320144-1**

**Date Collected: 11/05/25 11:28**

**Matrix: Water**

**Date Received: 11/07/25 17:30**

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------|----------------|---------|
| Dibromofluoromethane (Surr) | 96        |           | 76 - 130 |          | 11/12/25 03:11 | 1       |
| Dibromofluoromethane (Surr) | 99        |           | 76 - 130 |          | 11/12/25 17:59 | 1       |
| Toluene-d8 (Surr)           | 94        |           | 80 - 120 |          | 11/12/25 03:11 | 1       |
| Toluene-d8 (Surr)           | 102       |           | 80 - 120 |          | 11/12/25 17:59 | 1       |
| 4-Bromofluorobenzene (Surr) | 103       |           | 80 - 120 |          | 11/12/25 03:11 | 1       |
| 4-Bromofluorobenzene (Surr) | 110       |           | 80 - 120 |          | 11/12/25 17:59 | 1       |

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

| Analyte         | Result           | Qualifier | RL       | MDL      | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------|------------------|-----------|----------|----------|------|---|----------------|----------------|---------|
| Antimony        | <0.00200         |           | 0.00200  | 0.00100  | mg/L |   | 11/11/25 08:30 | 11/17/25 16:31 | 1       |
| <b>Arsenic</b>  | <b>0.00260</b>   |           | 0.00200  | 0.000530 | mg/L |   | 11/11/25 08:30 | 11/18/25 16:41 | 1       |
| <b>Barium</b>   | <b>0.103</b>     |           | 0.00200  | 0.000660 | mg/L |   | 11/11/25 08:30 | 11/18/25 16:41 | 1       |
| Beryllium       | <0.00100         |           | 0.00100  | 0.000330 | mg/L |   | 11/11/25 08:30 | 11/17/25 16:31 | 1       |
| Cadmium         | <0.000200        |           | 0.000200 | 0.000100 | mg/L |   | 11/11/25 08:30 | 11/17/25 16:31 | 1       |
| <b>Chromium</b> | <b>0.00367 J</b> |           | 0.00500  | 0.00180  | mg/L |   | 11/11/25 08:30 | 11/18/25 16:41 | 1       |
| Cobalt          | <0.000500        |           | 0.000500 | 0.000170 | mg/L |   | 11/11/25 08:30 | 11/18/25 16:41 | 1       |
| Copper          | <0.00500         |           | 0.00500  | 0.00320  | mg/L |   | 11/11/25 08:30 | 11/18/25 16:41 | 1       |
| Lead            | <0.000500        |           | 0.000500 | 0.000330 | mg/L |   | 11/11/25 08:30 | 11/17/25 16:31 | 1       |
| Nickel          | <0.00500         |           | 0.00500  | 0.00230  | mg/L |   | 11/11/25 08:30 | 11/21/25 15:38 | 1       |
| Selenium        | <0.00500         |           | 0.00500  | 0.00140  | mg/L |   | 11/11/25 08:30 | 11/18/25 16:41 | 1       |
| Silver          | <0.00100         |           | 0.00100  | 0.000500 | mg/L |   | 11/11/25 08:30 | 11/17/25 16:31 | 1       |
| Thallium        | <0.00100         |           | 0.00100  | 0.000570 | mg/L |   | 11/11/25 08:30 | 11/17/25 16:31 | 1       |
| Vanadium        | <0.00500         |           | 0.00500  | 0.00170  | mg/L |   | 11/11/25 08:30 | 11/18/25 16:41 | 1       |
| Zinc            | <0.0200          |           | 0.0200   | 0.0130   | mg/L |   | 11/11/25 08:30 | 11/18/25 16:41 | 1       |

## General Chemistry

| Analyte                                        | Result      | Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------------------------------|-------------|-----------|------|------|------|---|----------|----------------|---------|
| <b>Total Suspended Solids (USGS I-3765-85)</b> | <b>10.7</b> |           | 5.00 | 3.50 | mg/L |   |          | 11/10/25 11:29 | 1       |

# Client Sample Results

Client: SCS Engineers  
Project/Site: Clinton County North - 2nd 2025 GW Sampling  
Event

Job ID: 310-320144-1  
SDG: Clinton County North

Client Sample ID: MW-90-5

Lab Sample ID: 310-320144-2

Date Collected: 11/06/25 15:51

Matrix: Water

Date Received: 11/07/25 17:30

## 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       | <1.00        |           | 1.00  | 0.380 | ug/L |   |          | 11/12/25 03:33 | 1       |
| 1,1,1-Trichloroethane           | <1.00        |           | 1.00  | 0.420 | ug/L |   |          | 11/12/25 03:33 | 1       |
| 1,1,2,2-Tetrachloroethane       | <1.00        |           | 1.00  | 0.350 | ug/L |   |          | 11/12/25 03:33 | 1       |
| 1,1,2-Trichloroethane           | <1.00        |           | 1.00  | 0.330 | ug/L |   |          | 11/12/25 03:33 | 1       |
| 1,1-Dichloroethane              | <1.00        |           | 1.00  | 0.400 | ug/L |   |          | 11/12/25 03:33 | 1       |
| 1,1-Dichloroethene              | <2.00        |           | 2.00  | 0.460 | ug/L |   |          | 11/12/25 03:33 | 1       |
| 1,2,3-Trichloropropane          | <1.00        |           | 1.00  | 0.430 | ug/L |   |          | 11/12/25 03:33 | 1       |
| 1,2-Dibromo-3-Chloropropane     | <1.20        |           | 1.20  | 1.20  | ug/L |   |          | 11/12/25 03:33 | 1       |
| 1,2-Dibromoethane (EDB)         | <0.340       |           | 0.340 | 0.340 | ug/L |   |          | 11/12/25 03:33 | 1       |
| 1,2-Dichlorobenzene             | <1.00        |           | 1.00  | 0.370 | ug/L |   |          | 11/12/25 03:33 | 1       |
| 1,2-Dichloroethane              | <1.00        |           | 1.00  | 0.890 | ug/L |   |          | 11/12/25 03:33 | 1       |
| 1,2-Dichloropropane             | <1.00        |           | 1.00  | 0.380 | ug/L |   |          | 11/12/25 03:33 | 1       |
| 1,4-Dichlorobenzene             | <1.00        |           | 1.00  | 0.490 | ug/L |   |          | 11/12/25 03:33 | 1       |
| 2-Butanone (MEK)                | <10.0        |           | 10.0  | 3.40  | ug/L |   |          | 11/12/25 03:33 | 1       |
| 2-Hexanone                      | <10.0        |           | 10.0  | 3.80  | ug/L |   |          | 11/12/25 18:21 | 1       |
| 4-Methyl-2-pentanone (MIBK)     | <10.0        |           | 10.0  | 3.50  | ug/L |   |          | 11/12/25 03:33 | 1       |
| Acetone                         | <10.0        |           | 10.0  | 3.80  | ug/L |   |          | 11/12/25 03:33 | 1       |
| Acrylonitrile                   | <10.0        |           | 10.0  | 2.20  | ug/L |   |          | 11/12/25 03:33 | 1       |
| <b>Benzene</b>                  | <b>0.295</b> | <b>J</b>  | 0.500 | 0.220 | ug/L |   |          | 11/12/25 03:33 | 1       |
| Bromochloromethane              | <5.00        |           | 5.00  | 1.70  | ug/L |   |          | 11/12/25 03:33 | 1       |
| Bromodichloromethane            | <1.00        |           | 1.00  | 0.390 | ug/L |   |          | 11/12/25 03:33 | 1       |
| Bromoform                       | <5.00        |           | 5.00  | 2.60  | ug/L |   |          | 11/12/25 03:33 | 1       |
| Bromomethane                    | <4.00        |           | 4.00  | 1.10  | ug/L |   |          | 11/12/25 03:33 | 1       |
| Carbon disulfide                | <1.00        |           | 1.00  | 0.450 | ug/L |   |          | 11/12/25 03:33 | 1       |
| Carbon tetrachloride            | <2.00        |           | 2.00  | 0.650 | ug/L |   |          | 11/12/25 03:33 | 1       |
| <b>Chlorobenzene</b>            | <b>1.78</b>  |           | 1.00  | 0.350 | ug/L |   |          | 11/12/25 03:33 | 1       |
| Chlorodibromomethane            | <5.00        |           | 5.00  | 1.50  | ug/L |   |          | 11/12/25 03:33 | 1       |
| Chloroethane                    | <4.00        |           | 4.00  | 0.900 | ug/L |   |          | 11/12/25 03:33 | 1       |
| Chloroform                      | <3.00        |           | 3.00  | 1.30  | ug/L |   |          | 11/12/25 03:33 | 1       |
| Chloromethane                   | <3.00        |           | 3.00  | 0.610 | ug/L |   |          | 11/12/25 03:33 | 1       |
| <b>cis-1,2-Dichloroethene</b>   | <b>29.3</b>  |           | 1.00  | 0.550 | ug/L |   |          | 11/12/25 03:33 | 1       |
| cis-1,3-Dichloropropene         | <5.00        |           | 5.00  | 1.20  | ug/L |   |          | 11/12/25 03:33 | 1       |
| Dibromomethane                  | <1.00        |           | 1.00  | 0.330 | ug/L |   |          | 11/12/25 03:33 | 1       |
| Ethylbenzene                    | <1.00        |           | 1.00  | 0.420 | ug/L |   |          | 11/12/25 03:33 | 1       |
| Iodomethane                     | <10.0        |           | 10.0  | 2.60  | ug/L |   |          | 11/12/25 03:33 | 1       |
| Methylene Chloride              | <5.00        |           | 5.00  | 1.70  | ug/L |   |          | 11/12/25 03:33 | 1       |
| Styrene                         | <1.00        |           | 1.00  | 0.370 | ug/L |   |          | 11/12/25 03:33 | 1       |
| <b>Tetrachloroethene</b>        | <b>0.611</b> | <b>J</b>  | 1.00  | 0.480 | ug/L |   |          | 11/12/25 03:33 | 1       |
| Toluene                         | <1.00        |           | 1.00  | 0.430 | ug/L |   |          | 11/12/25 03:33 | 1       |
| <b>trans-1,2-Dichloroethene</b> | <b>0.859</b> | <b>J</b>  | 1.00  | 0.410 | ug/L |   |          | 11/12/25 03:33 | 1       |
| trans-1,3-Dichloropropene       | <5.00        |           | 5.00  | 2.30  | ug/L |   |          | 11/12/25 03:33 | 1       |
| trans-1,4-Dichloro-2-butene     | <10.0        |           | 10.0  | 2.40  | ug/L |   |          | 11/12/25 03:33 | 1       |
| <b>Trichloroethene</b>          | <b>21.9</b>  |           | 1.00  | 0.350 | ug/L |   |          | 11/12/25 03:33 | 1       |
| Trichlorofluoromethane          | <4.00        |           | 4.00  | 0.470 | ug/L |   |          | 11/12/25 03:33 | 1       |
| Vinyl acetate                   | <10.0        |           | 10.0  | 7.10  | ug/L |   |          | 11/12/25 03:33 | 1       |
| Vinyl chloride                  | <1.00        |           | 1.00  | 0.430 | ug/L |   |          | 11/12/25 03:33 | 1       |
| Xylenes, Total                  | <3.00        |           | 3.00  | 1.10  | ug/L |   |          | 11/12/25 03:33 | 1       |

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# Client Sample Results

Client: SCS Engineers  
Project/Site: Clinton County North - 2nd 2025 GW Sampling  
Event

Job ID: 310-320144-1  
SDG: Clinton County North

**Client Sample ID: MW-90-5**

**Lab Sample ID: 310-320144-2**

**Date Collected: 11/06/25 15:51**

**Matrix: Water**

**Date Received: 11/07/25 17:30**

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------|----------------|---------|
| Dibromofluoromethane (Surr) | 100       |           | 76 - 130 |          | 11/12/25 03:33 | 1       |
| Dibromofluoromethane (Surr) | 101       |           | 76 - 130 |          | 11/12/25 18:21 | 1       |
| Toluene-d8 (Surr)           | 95        |           | 80 - 120 |          | 11/12/25 03:33 | 1       |
| Toluene-d8 (Surr)           | 101       |           | 80 - 120 |          | 11/12/25 18:21 | 1       |
| 4-Bromofluorobenzene (Surr) | 103       |           | 80 - 120 |          | 11/12/25 03:33 | 1       |
| 4-Bromofluorobenzene (Surr) | 106       |           | 80 - 120 |          | 11/12/25 18:21 | 1       |

# Client Sample Results

Client: SCS Engineers  
Project/Site: Clinton County North - 2nd 2025 GW Sampling  
Event

Job ID: 310-320144-1  
SDG: Clinton County North

Client Sample ID: MW-90-13

Lab Sample ID: 310-320144-3

Date Collected: 11/05/25 07:58

Matrix: Water

Date Received: 11/07/25 17:30

## 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   | <1.00  |           | 1.00  | 0.380 | ug/L |   |          | 11/12/25 03:55 | 1       |
| 1,1,1-Trichloroethane       | <1.00  |           | 1.00  | 0.420 | ug/L |   |          | 11/12/25 03:55 | 1       |
| 1,1,2,2-Tetrachloroethane   | <1.00  |           | 1.00  | 0.350 | ug/L |   |          | 11/12/25 03:55 | 1       |
| 1,1,2-Trichloroethane       | <1.00  |           | 1.00  | 0.330 | ug/L |   |          | 11/12/25 03:55 | 1       |
| 1,1-Dichloroethane          | <1.00  |           | 1.00  | 0.400 | ug/L |   |          | 11/12/25 03:55 | 1       |
| 1,1-Dichloroethene          | <2.00  |           | 2.00  | 0.460 | ug/L |   |          | 11/12/25 03:55 | 1       |
| 1,2,3-Trichloropropane      | <1.00  |           | 1.00  | 0.430 | ug/L |   |          | 11/12/25 03:55 | 1       |
| 1,2-Dibromo-3-Chloropropane | <1.20  |           | 1.20  | 1.20  | ug/L |   |          | 11/12/25 03:55 | 1       |
| 1,2-Dibromoethane (EDB)     | <0.340 |           | 0.340 | 0.340 | ug/L |   |          | 11/12/25 03:55 | 1       |
| 1,2-Dichlorobenzene         | <1.00  |           | 1.00  | 0.370 | ug/L |   |          | 11/12/25 03:55 | 1       |
| 1,2-Dichloroethane          | <1.00  |           | 1.00  | 0.890 | ug/L |   |          | 11/12/25 03:55 | 1       |
| 1,2-Dichloropropane         | <1.00  |           | 1.00  | 0.380 | ug/L |   |          | 11/12/25 03:55 | 1       |
| 1,4-Dichlorobenzene         | 1.38   |           | 1.00  | 0.490 | ug/L |   |          | 11/12/25 03:55 | 1       |
| 2-Butanone (MEK)            | <10.0  |           | 10.0  | 3.40  | ug/L |   |          | 11/12/25 03:55 | 1       |
| 2-Hexanone                  | <10.0  |           | 10.0  | 3.80  | ug/L |   |          | 11/12/25 18:44 | 1       |
| 4-Methyl-2-pentanone (MIBK) | <10.0  |           | 10.0  | 3.50  | ug/L |   |          | 11/12/25 03:55 | 1       |
| Acetone                     | 9.11   | J         | 10.0  | 3.80  | ug/L |   |          | 11/12/25 03:55 | 1       |
| Acrylonitrile               | <10.0  |           | 10.0  | 2.20  | ug/L |   |          | 11/12/25 03:55 | 1       |
| Benzene                     | 6.39   |           | 0.500 | 0.220 | ug/L |   |          | 11/12/25 03:55 | 1       |
| Bromochloromethane          | <5.00  |           | 5.00  | 1.70  | ug/L |   |          | 11/12/25 03:55 | 1       |
| Bromodichloromethane        | <1.00  |           | 1.00  | 0.390 | ug/L |   |          | 11/12/25 03:55 | 1       |
| Bromoform                   | <5.00  |           | 5.00  | 2.60  | ug/L |   |          | 11/12/25 03:55 | 1       |
| Bromomethane                | <4.00  |           | 4.00  | 1.10  | ug/L |   |          | 11/12/25 03:55 | 1       |
| Carbon disulfide            | <1.00  |           | 1.00  | 0.450 | ug/L |   |          | 11/12/25 03:55 | 1       |
| Carbon tetrachloride        | <2.00  |           | 2.00  | 0.650 | ug/L |   |          | 11/12/25 03:55 | 1       |
| Chlorobenzene               | <1.00  |           | 1.00  | 0.350 | ug/L |   |          | 11/12/25 03:55 | 1       |
| Chlorodibromomethane        | <5.00  |           | 5.00  | 1.50  | ug/L |   |          | 11/12/25 03:55 | 1       |
| Chloroethane                | <4.00  |           | 4.00  | 0.900 | ug/L |   |          | 11/12/25 03:55 | 1       |
| Chloroform                  | <3.00  |           | 3.00  | 1.30  | ug/L |   |          | 11/12/25 03:55 | 1       |
| Chloromethane               | <3.00  |           | 3.00  | 0.610 | ug/L |   |          | 11/12/25 03:55 | 1       |
| cis-1,2-Dichloroethene      | <1.00  |           | 1.00  | 0.550 | ug/L |   |          | 11/12/25 03:55 | 1       |
| cis-1,3-Dichloropropene     | <5.00  |           | 5.00  | 1.20  | ug/L |   |          | 11/12/25 03:55 | 1       |
| Dibromomethane              | <1.00  |           | 1.00  | 0.330 | ug/L |   |          | 11/12/25 03:55 | 1       |
| Ethylbenzene                | 1.95   |           | 1.00  | 0.420 | ug/L |   |          | 11/12/25 03:55 | 1       |
| Iodomethane                 | <10.0  |           | 10.0  | 2.60  | ug/L |   |          | 11/12/25 03:55 | 1       |
| Methylene Chloride          | <5.00  |           | 5.00  | 1.70  | ug/L |   |          | 11/12/25 03:55 | 1       |
| Styrene                     | <1.00  |           | 1.00  | 0.370 | ug/L |   |          | 11/12/25 03:55 | 1       |
| Tetrachloroethene           | <1.00  |           | 1.00  | 0.480 | ug/L |   |          | 11/12/25 03:55 | 1       |
| Toluene                     | 1.30   |           | 1.00  | 0.430 | ug/L |   |          | 11/12/25 03:55 | 1       |
| trans-1,2-Dichloroethene    | <1.00  |           | 1.00  | 0.410 | ug/L |   |          | 11/12/25 03:55 | 1       |
| trans-1,3-Dichloropropene   | <5.00  |           | 5.00  | 2.30  | ug/L |   |          | 11/12/25 03:55 | 1       |
| trans-1,4-Dichloro-2-butene | <10.0  |           | 10.0  | 2.40  | ug/L |   |          | 11/12/25 03:55 | 1       |
| Trichloroethene             | <1.00  |           | 1.00  | 0.350 | ug/L |   |          | 11/12/25 03:55 | 1       |
| Trichlorofluoromethane      | <4.00  |           | 4.00  | 0.470 | ug/L |   |          | 11/12/25 03:55 | 1       |
| Vinyl acetate               | <10.0  |           | 10.0  | 7.10  | ug/L |   |          | 11/12/25 03:55 | 1       |
| Vinyl chloride              | <1.00  |           | 1.00  | 0.430 | ug/L |   |          | 11/12/25 03:55 | 1       |
| Xylenes, Total              | <3.00  |           | 3.00  | 1.10  | ug/L |   |          | 11/12/25 03:55 | 1       |

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# Client Sample Results

Client: SCS Engineers  
Project/Site: Clinton County North - 2nd 2025 GW Sampling  
Event

Job ID: 310-320144-1  
SDG: Clinton County North

**Client Sample ID: MW-90-13**

**Lab Sample ID: 310-320144-3**

**Date Collected: 11/05/25 07:58**

**Matrix: Water**

**Date Received: 11/07/25 17:30**

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------|----------------|---------|
| Dibromofluoromethane (Surr) | 101       |           | 76 - 130 |          | 11/12/25 03:55 | 1       |
| Dibromofluoromethane (Surr) | 102       |           | 76 - 130 |          | 11/12/25 18:44 | 1       |
| Toluene-d8 (Surr)           | 94        |           | 80 - 120 |          | 11/12/25 03:55 | 1       |
| Toluene-d8 (Surr)           | 102       |           | 80 - 120 |          | 11/12/25 18:44 | 1       |
| 4-Bromofluorobenzene (Surr) | 101       |           | 80 - 120 |          | 11/12/25 03:55 | 1       |
| 4-Bromofluorobenzene (Surr) | 109       |           | 80 - 120 |          | 11/12/25 18:44 | 1       |

# Client Sample Results

Client: SCS Engineers  
Project/Site: Clinton County North - 2nd 2025 GW Sampling  
Event

Job ID: 310-320144-1  
SDG: Clinton County North

Client Sample ID: MW-03-16

Lab Sample ID: 310-320144-4

Date Collected: 11/05/25 08:50

Matrix: Water

Date Received: 11/07/25 17:30

## 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   | <1.00  |           | 1.00  | 0.380 | ug/L |   |          | 11/12/25 04:18 | 1       |
| 1,1,1-Trichloroethane       | <1.00  |           | 1.00  | 0.420 | ug/L |   |          | 11/12/25 04:18 | 1       |
| 1,1,2,2-Tetrachloroethane   | <1.00  |           | 1.00  | 0.350 | ug/L |   |          | 11/12/25 04:18 | 1       |
| 1,1,2-Trichloroethane       | <1.00  |           | 1.00  | 0.330 | ug/L |   |          | 11/12/25 04:18 | 1       |
| 1,1-Dichloroethane          | <1.00  |           | 1.00  | 0.400 | ug/L |   |          | 11/12/25 04:18 | 1       |
| 1,1-Dichloroethene          | <2.00  |           | 2.00  | 0.460 | ug/L |   |          | 11/12/25 04:18 | 1       |
| 1,2,3-Trichloropropane      | <1.00  |           | 1.00  | 0.430 | ug/L |   |          | 11/12/25 04:18 | 1       |
| 1,2-Dibromo-3-Chloropropane | <1.20  |           | 1.20  | 1.20  | ug/L |   |          | 11/12/25 04:18 | 1       |
| 1,2-Dibromoethane (EDB)     | <0.340 |           | 0.340 | 0.340 | ug/L |   |          | 11/12/25 04:18 | 1       |
| 1,2-Dichlorobenzene         | <1.00  |           | 1.00  | 0.370 | ug/L |   |          | 11/12/25 04:18 | 1       |
| 1,2-Dichloroethane          | <1.00  |           | 1.00  | 0.890 | ug/L |   |          | 11/12/25 04:18 | 1       |
| 1,2-Dichloropropane         | <1.00  |           | 1.00  | 0.380 | ug/L |   |          | 11/12/25 04:18 | 1       |
| 1,4-Dichlorobenzene         | 2.20   |           | 1.00  | 0.490 | ug/L |   |          | 11/12/25 04:18 | 1       |
| 2-Butanone (MEK)            | <10.0  |           | 10.0  | 3.40  | ug/L |   |          | 11/12/25 04:18 | 1       |
| 2-Hexanone                  | <10.0  |           | 10.0  | 3.80  | ug/L |   |          | 11/12/25 19:07 | 1       |
| 4-Methyl-2-pentanone (MIBK) | <10.0  |           | 10.0  | 3.50  | ug/L |   |          | 11/12/25 04:18 | 1       |
| Acetone                     | 7.68 J |           | 10.0  | 3.80  | ug/L |   |          | 11/12/25 04:18 | 1       |
| Acrylonitrile               | <10.0  |           | 10.0  | 2.20  | ug/L |   |          | 11/12/25 04:18 | 1       |
| Benzene                     | 10.2   |           | 0.500 | 0.220 | ug/L |   |          | 11/12/25 04:18 | 1       |
| Bromochloromethane          | <5.00  |           | 5.00  | 1.70  | ug/L |   |          | 11/12/25 04:18 | 1       |
| Bromodichloromethane        | <1.00  |           | 1.00  | 0.390 | ug/L |   |          | 11/12/25 04:18 | 1       |
| Bromoform                   | <5.00  |           | 5.00  | 2.60  | ug/L |   |          | 11/12/25 04:18 | 1       |
| Bromomethane                | <4.00  |           | 4.00  | 1.10  | ug/L |   |          | 11/12/25 04:18 | 1       |
| Carbon disulfide            | <1.00  |           | 1.00  | 0.450 | ug/L |   |          | 11/12/25 04:18 | 1       |
| Carbon tetrachloride        | <2.00  |           | 2.00  | 0.650 | ug/L |   |          | 11/12/25 04:18 | 1       |
| Chlorobenzene               | 10.9   |           | 1.00  | 0.350 | ug/L |   |          | 11/12/25 04:18 | 1       |
| Chlorodibromomethane        | <5.00  |           | 5.00  | 1.50  | ug/L |   |          | 11/12/25 04:18 | 1       |
| Chloroethane                | 1.56 J |           | 4.00  | 0.900 | ug/L |   |          | 11/12/25 04:18 | 1       |
| Chloroform                  | <3.00  |           | 3.00  | 1.30  | ug/L |   |          | 11/12/25 04:18 | 1       |
| Chloromethane               | <3.00  |           | 3.00  | 0.610 | ug/L |   |          | 11/12/25 04:18 | 1       |
| cis-1,2-Dichloroethene      | <1.00  |           | 1.00  | 0.550 | ug/L |   |          | 11/12/25 04:18 | 1       |
| cis-1,3-Dichloropropene     | <5.00  |           | 5.00  | 1.20  | ug/L |   |          | 11/12/25 04:18 | 1       |
| Dibromomethane              | <1.00  |           | 1.00  | 0.330 | ug/L |   |          | 11/12/25 04:18 | 1       |
| Ethylbenzene                | <1.00  |           | 1.00  | 0.420 | ug/L |   |          | 11/12/25 04:18 | 1       |
| Iodomethane                 | <10.0  |           | 10.0  | 2.60  | ug/L |   |          | 11/12/25 04:18 | 1       |
| Methylene Chloride          | <5.00  |           | 5.00  | 1.70  | ug/L |   |          | 11/12/25 04:18 | 1       |
| Styrene                     | <1.00  |           | 1.00  | 0.370 | ug/L |   |          | 11/12/25 04:18 | 1       |
| Tetrachloroethene           | <1.00  |           | 1.00  | 0.480 | ug/L |   |          | 11/12/25 04:18 | 1       |
| Toluene                     | <1.00  |           | 1.00  | 0.430 | ug/L |   |          | 11/12/25 04:18 | 1       |
| trans-1,2-Dichloroethene    | <1.00  |           | 1.00  | 0.410 | ug/L |   |          | 11/12/25 04:18 | 1       |
| trans-1,3-Dichloropropene   | <5.00  |           | 5.00  | 2.30  | ug/L |   |          | 11/12/25 04:18 | 1       |
| trans-1,4-Dichloro-2-butene | <10.0  |           | 10.0  | 2.40  | ug/L |   |          | 11/12/25 04:18 | 1       |
| Trichloroethene             | <1.00  |           | 1.00  | 0.350 | ug/L |   |          | 11/12/25 04:18 | 1       |
| Trichlorofluoromethane      | <4.00  |           | 4.00  | 0.470 | ug/L |   |          | 11/12/25 04:18 | 1       |
| Vinyl acetate               | <10.0  |           | 10.0  | 7.10  | ug/L |   |          | 11/12/25 04:18 | 1       |
| Vinyl chloride              | <1.00  |           | 1.00  | 0.430 | ug/L |   |          | 11/12/25 04:18 | 1       |
| Xylenes, Total              | <3.00  |           | 3.00  | 1.10  | ug/L |   |          | 11/12/25 04:18 | 1       |

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# Client Sample Results

Client: SCS Engineers  
Project/Site: Clinton County North - 2nd 2025 GW Sampling  
Event

Job ID: 310-320144-1  
SDG: Clinton County North

**Client Sample ID: MW-03-16**

**Lab Sample ID: 310-320144-4**

**Date Collected: 11/05/25 08:50**

**Matrix: Water**

**Date Received: 11/07/25 17:30**

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------|----------------|---------|
| Dibromofluoromethane (Surr) | 97        |           | 76 - 130 |          | 11/12/25 04:18 | 1       |
| Dibromofluoromethane (Surr) | 99        |           | 76 - 130 |          | 11/12/25 19:07 | 1       |
| Toluene-d8 (Surr)           | 97        |           | 80 - 120 |          | 11/12/25 04:18 | 1       |
| Toluene-d8 (Surr)           | 102       |           | 80 - 120 |          | 11/12/25 19:07 | 1       |
| 4-Bromofluorobenzene (Surr) | 103       |           | 80 - 120 |          | 11/12/25 04:18 | 1       |
| 4-Bromofluorobenzene (Surr) | 107       |           | 80 - 120 |          | 11/12/25 19:07 | 1       |

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

| Analyte         | Result         | Qualifier | RL       | MDL      | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------------|----------------|-----------|----------|----------|------|---|----------------|----------------|---------|
| Antimony        | <0.00200       |           | 0.00200  | 0.00100  | mg/L |   | 11/11/25 08:30 | 11/17/25 16:34 | 1       |
| <b>Arsenic</b>  | <b>0.155</b>   |           | 0.00200  | 0.000530 | mg/L |   | 11/11/25 08:30 | 11/18/25 16:43 | 1       |
| <b>Barium</b>   | <b>0.373</b>   |           | 0.00200  | 0.000660 | mg/L |   | 11/11/25 08:30 | 11/18/25 16:43 | 1       |
| Beryllium       | <0.00100       |           | 0.00100  | 0.000330 | mg/L |   | 11/11/25 08:30 | 11/17/25 16:34 | 1       |
| Cadmium         | <0.000200      |           | 0.000200 | 0.000100 | mg/L |   | 11/11/25 08:30 | 11/17/25 16:34 | 1       |
| <b>Chromium</b> | <b>0.0143</b>  |           | 0.00500  | 0.00180  | mg/L |   | 11/11/25 08:30 | 11/18/25 16:43 | 1       |
| <b>Cobalt</b>   | <b>0.00669</b> |           | 0.000500 | 0.000170 | mg/L |   | 11/11/25 08:30 | 11/18/25 16:43 | 1       |
| Copper          | <0.00500       |           | 0.00500  | 0.00320  | mg/L |   | 11/11/25 08:30 | 11/18/25 16:43 | 1       |
| Lead            | <0.000500      |           | 0.000500 | 0.000330 | mg/L |   | 11/11/25 08:30 | 11/17/25 16:34 | 1       |
| <b>Nickel</b>   | <b>0.0460</b>  |           | 0.00500  | 0.00230  | mg/L |   | 11/11/25 08:30 | 11/21/25 15:41 | 1       |
| Selenium        | <0.00500       |           | 0.00500  | 0.00140  | mg/L |   | 11/11/25 08:30 | 11/18/25 16:43 | 1       |
| Silver          | <0.00100       |           | 0.00100  | 0.000500 | mg/L |   | 11/11/25 08:30 | 11/17/25 16:34 | 1       |
| Thallium        | <0.00100       |           | 0.00100  | 0.000570 | mg/L |   | 11/11/25 08:30 | 11/17/25 16:34 | 1       |
| Vanadium        | <0.00500       |           | 0.00500  | 0.00170  | mg/L |   | 11/11/25 08:30 | 11/18/25 16:43 | 1       |
| Zinc            | <0.0200        |           | 0.0200   | 0.0130   | mg/L |   | 11/11/25 08:30 | 11/18/25 16:43 | 1       |

## General Chemistry

| Analyte                                        | Result      | Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------------------------------|-------------|-----------|------|------|------|---|----------|----------------|---------|
| <b>Total Suspended Solids (USGS I-3765-85)</b> | <b>92.0</b> |           | 15.0 | 10.5 | mg/L |   |          | 11/10/25 11:29 | 1       |

# Client Sample Results

Client: SCS Engineers  
Project/Site: Clinton County North - 2nd 2025 GW Sampling  
Event

Job ID: 310-320144-1  
SDG: Clinton County North

Client Sample ID: PZ-R3

Lab Sample ID: 310-320144-5

Date Collected: 11/05/25 09:39

Matrix: Water

Date Received: 11/07/25 17:30

## 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   | <1.00        |           | 1.00  | 0.380 | ug/L |   |          | 11/12/25 04:40 | 1       |
| 1,1,1-Trichloroethane       | <1.00        |           | 1.00  | 0.420 | ug/L |   |          | 11/12/25 04:40 | 1       |
| 1,1,2,2-Tetrachloroethane   | <1.00        |           | 1.00  | 0.350 | ug/L |   |          | 11/12/25 04:40 | 1       |
| 1,1,2-Trichloroethane       | <1.00        |           | 1.00  | 0.330 | ug/L |   |          | 11/12/25 04:40 | 1       |
| 1,1-Dichloroethane          | <1.00        |           | 1.00  | 0.400 | ug/L |   |          | 11/12/25 04:40 | 1       |
| 1,1-Dichloroethene          | <2.00        |           | 2.00  | 0.460 | ug/L |   |          | 11/12/25 04:40 | 1       |
| 1,2,3-Trichloropropane      | <1.00        |           | 1.00  | 0.430 | ug/L |   |          | 11/12/25 04:40 | 1       |
| 1,2-Dibromo-3-Chloropropane | <1.20        |           | 1.20  | 1.20  | ug/L |   |          | 11/12/25 04:40 | 1       |
| 1,2-Dibromoethane (EDB)     | <0.340       |           | 0.340 | 0.340 | ug/L |   |          | 11/12/25 04:40 | 1       |
| 1,2-Dichlorobenzene         | <1.00        |           | 1.00  | 0.370 | ug/L |   |          | 11/12/25 04:40 | 1       |
| 1,2-Dichloroethane          | <1.00        |           | 1.00  | 0.890 | ug/L |   |          | 11/12/25 04:40 | 1       |
| 1,2-Dichloropropane         | <1.00        |           | 1.00  | 0.380 | ug/L |   |          | 11/12/25 04:40 | 1       |
| 1,4-Dichlorobenzene         | <1.00        |           | 1.00  | 0.490 | ug/L |   |          | 11/12/25 04:40 | 1       |
| 2-Butanone (MEK)            | <10.0        |           | 10.0  | 3.40  | ug/L |   |          | 11/12/25 04:40 | 1       |
| 2-Hexanone                  | <10.0        |           | 10.0  | 3.80  | ug/L |   |          | 11/12/25 19:30 | 1       |
| 4-Methyl-2-pentanone (MIBK) | <10.0        |           | 10.0  | 3.50  | ug/L |   |          | 11/12/25 04:40 | 1       |
| Acetone                     | <10.0        |           | 10.0  | 3.80  | ug/L |   |          | 11/12/25 04:40 | 1       |
| Acrylonitrile               | <10.0        |           | 10.0  | 2.20  | ug/L |   |          | 11/12/25 04:40 | 1       |
| <b>Benzene</b>              | <b>0.237</b> | <b>J</b>  | 0.500 | 0.220 | ug/L |   |          | 11/12/25 04:40 | 1       |
| Bromochloromethane          | <5.00        |           | 5.00  | 1.70  | ug/L |   |          | 11/12/25 04:40 | 1       |
| Bromodichloromethane        | <1.00        |           | 1.00  | 0.390 | ug/L |   |          | 11/12/25 04:40 | 1       |
| Bromoform                   | <5.00        |           | 5.00  | 2.60  | ug/L |   |          | 11/12/25 04:40 | 1       |
| Bromomethane                | <4.00        |           | 4.00  | 1.10  | ug/L |   |          | 11/12/25 04:40 | 1       |
| Carbon disulfide            | <1.00        |           | 1.00  | 0.450 | ug/L |   |          | 11/12/25 04:40 | 1       |
| Carbon tetrachloride        | <2.00        |           | 2.00  | 0.650 | ug/L |   |          | 11/12/25 04:40 | 1       |
| Chlorobenzene               | <1.00        |           | 1.00  | 0.350 | ug/L |   |          | 11/12/25 04:40 | 1       |
| Chlorodibromomethane        | <5.00        |           | 5.00  | 1.50  | ug/L |   |          | 11/12/25 04:40 | 1       |
| Chloroethane                | <4.00        |           | 4.00  | 0.900 | ug/L |   |          | 11/12/25 04:40 | 1       |
| Chloroform                  | <3.00        |           | 3.00  | 1.30  | ug/L |   |          | 11/12/25 04:40 | 1       |
| Chloromethane               | <3.00        |           | 3.00  | 0.610 | ug/L |   |          | 11/12/25 04:40 | 1       |
| cis-1,2-Dichloroethene      | <1.00        |           | 1.00  | 0.550 | ug/L |   |          | 11/12/25 04:40 | 1       |
| cis-1,3-Dichloropropene     | <5.00        |           | 5.00  | 1.20  | ug/L |   |          | 11/12/25 04:40 | 1       |
| Dibromomethane              | <1.00        |           | 1.00  | 0.330 | ug/L |   |          | 11/12/25 04:40 | 1       |
| Ethylbenzene                | <1.00        |           | 1.00  | 0.420 | ug/L |   |          | 11/12/25 04:40 | 1       |
| Iodomethane                 | <10.0        |           | 10.0  | 2.60  | ug/L |   |          | 11/12/25 04:40 | 1       |
| Methylene Chloride          | <5.00        |           | 5.00  | 1.70  | ug/L |   |          | 11/12/25 04:40 | 1       |
| Styrene                     | <1.00        |           | 1.00  | 0.370 | ug/L |   |          | 11/12/25 04:40 | 1       |
| Tetrachloroethene           | <1.00        |           | 1.00  | 0.480 | ug/L |   |          | 11/12/25 04:40 | 1       |
| Toluene                     | <1.00        |           | 1.00  | 0.430 | ug/L |   |          | 11/12/25 04:40 | 1       |
| trans-1,2-Dichloroethene    | <1.00        |           | 1.00  | 0.410 | ug/L |   |          | 11/12/25 04:40 | 1       |
| trans-1,3-Dichloropropene   | <5.00        |           | 5.00  | 2.30  | ug/L |   |          | 11/12/25 04:40 | 1       |
| trans-1,4-Dichloro-2-butene | <10.0        |           | 10.0  | 2.40  | ug/L |   |          | 11/12/25 04:40 | 1       |
| Trichloroethene             | <1.00        |           | 1.00  | 0.350 | ug/L |   |          | 11/12/25 04:40 | 1       |
| Trichlorofluoromethane      | <4.00        |           | 4.00  | 0.470 | ug/L |   |          | 11/12/25 04:40 | 1       |
| Vinyl acetate               | <10.0        |           | 10.0  | 7.10  | ug/L |   |          | 11/12/25 04:40 | 1       |
| Vinyl chloride              | <1.00        |           | 1.00  | 0.430 | ug/L |   |          | 11/12/25 04:40 | 1       |
| Xylenes, Total              | <3.00        |           | 3.00  | 1.10  | ug/L |   |          | 11/12/25 04:40 | 1       |

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# Client Sample Results

Client: SCS Engineers  
Project/Site: Clinton County North - 2nd 2025 GW Sampling  
Event

Job ID: 310-320144-1  
SDG: Clinton County North

Client Sample ID: PZ-R3

Lab Sample ID: 310-320144-5

Date Collected: 11/05/25 09:39

Matrix: Water

Date Received: 11/07/25 17:30

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------|----------------|---------|
| Dibromofluoromethane (Surr) | 97        |           | 76 - 130 |          | 11/12/25 04:40 | 1       |
| Dibromofluoromethane (Surr) | 101       |           | 76 - 130 |          | 11/12/25 19:30 | 1       |
| Toluene-d8 (Surr)           | 94        |           | 80 - 120 |          | 11/12/25 04:40 | 1       |
| Toluene-d8 (Surr)           | 103       |           | 80 - 120 |          | 11/12/25 19:30 | 1       |
| 4-Bromofluorobenzene (Surr) | 101       |           | 80 - 120 |          | 11/12/25 04:40 | 1       |
| 4-Bromofluorobenzene (Surr) | 106       |           | 80 - 120 |          | 11/12/25 19:30 | 1       |

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

| Analyte | Result | Qualifier | RL      | MDL      | Unit | D | Prepared       | Analyzed       | Dil Fac |
|---------|--------|-----------|---------|----------|------|---|----------------|----------------|---------|
| Arsenic | 0.0473 |           | 0.00200 | 0.000530 | mg/L |   | 11/11/25 08:30 | 11/17/25 16:41 | 1       |

## General Chemistry

| Analyte                                 | Result | Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------------------|--------|-----------|------|------|------|---|----------|----------------|---------|
| Total Suspended Solids (USGS I-3765-85) | 157    |           | 15.0 | 10.5 | mg/L |   |          | 11/10/25 11:29 | 1       |

# Client Sample Results

Client: SCS Engineers  
Project/Site: Clinton County North - 2nd 2025 GW Sampling  
Event

Job ID: 310-320144-1  
SDG: Clinton County North

Client Sample ID: PZ-R4

Lab Sample ID: 310-320144-6

Date Collected: 11/05/25 10:23

Matrix: Water

Date Received: 11/07/25 17:30

## 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     | <1.00        |           | 1.00  | 0.380 | ug/L |   |          | 11/12/25 05:02 | 1       |
| 1,1,1-Trichloroethane         | <1.00        |           | 1.00  | 0.420 | ug/L |   |          | 11/12/25 05:02 | 1       |
| 1,1,2,2-Tetrachloroethane     | <1.00        |           | 1.00  | 0.350 | ug/L |   |          | 11/12/25 05:02 | 1       |
| 1,1,2-Trichloroethane         | <1.00        |           | 1.00  | 0.330 | ug/L |   |          | 11/12/25 05:02 | 1       |
| 1,1-Dichloroethane            | <1.00        |           | 1.00  | 0.400 | ug/L |   |          | 11/12/25 05:02 | 1       |
| 1,1-Dichloroethene            | <2.00        |           | 2.00  | 0.460 | ug/L |   |          | 11/12/25 05:02 | 1       |
| 1,2,3-Trichloropropane        | <1.00        |           | 1.00  | 0.430 | ug/L |   |          | 11/12/25 05:02 | 1       |
| 1,2-Dibromo-3-Chloropropane   | <1.20        |           | 1.20  | 1.20  | ug/L |   |          | 11/12/25 05:02 | 1       |
| 1,2-Dibromoethane (EDB)       | <0.340       |           | 0.340 | 0.340 | ug/L |   |          | 11/12/25 05:02 | 1       |
| 1,2-Dichlorobenzene           | <1.00        |           | 1.00  | 0.370 | ug/L |   |          | 11/12/25 05:02 | 1       |
| 1,2-Dichloroethane            | <1.00        |           | 1.00  | 0.890 | ug/L |   |          | 11/12/25 05:02 | 1       |
| 1,2-Dichloropropane           | <1.00        |           | 1.00  | 0.380 | ug/L |   |          | 11/12/25 05:02 | 1       |
| 1,4-Dichlorobenzene           | <1.00        |           | 1.00  | 0.490 | ug/L |   |          | 11/12/25 05:02 | 1       |
| 2-Butanone (MEK)              | <10.0        |           | 10.0  | 3.40  | ug/L |   |          | 11/12/25 05:02 | 1       |
| 2-Hexanone                    | <10.0        |           | 10.0  | 3.80  | ug/L |   |          | 11/12/25 19:53 | 1       |
| 4-Methyl-2-pentanone (MIBK)   | <10.0        |           | 10.0  | 3.50  | ug/L |   |          | 11/12/25 05:02 | 1       |
| Acetone                       | <10.0        |           | 10.0  | 3.80  | ug/L |   |          | 11/12/25 05:02 | 1       |
| Acrylonitrile                 | <10.0        |           | 10.0  | 2.20  | ug/L |   |          | 11/12/25 05:02 | 1       |
| <b>Benzene</b>                | <b>0.239</b> | <b>J</b>  | 0.500 | 0.220 | ug/L |   |          | 11/12/25 05:02 | 1       |
| Bromochloromethane            | <5.00        |           | 5.00  | 1.70  | ug/L |   |          | 11/12/25 05:02 | 1       |
| Bromodichloromethane          | <1.00        |           | 1.00  | 0.390 | ug/L |   |          | 11/12/25 05:02 | 1       |
| Bromoform                     | <5.00        |           | 5.00  | 2.60  | ug/L |   |          | 11/12/25 05:02 | 1       |
| Bromomethane                  | <4.00        |           | 4.00  | 1.10  | ug/L |   |          | 11/12/25 05:02 | 1       |
| Carbon disulfide              | <1.00        |           | 1.00  | 0.450 | ug/L |   |          | 11/12/25 05:02 | 1       |
| Carbon tetrachloride          | <2.00        |           | 2.00  | 0.650 | ug/L |   |          | 11/12/25 05:02 | 1       |
| Chlorobenzene                 | <1.00        |           | 1.00  | 0.350 | ug/L |   |          | 11/12/25 05:02 | 1       |
| Chlorodibromomethane          | <5.00        |           | 5.00  | 1.50  | ug/L |   |          | 11/12/25 05:02 | 1       |
| Chloroethane                  | <4.00        |           | 4.00  | 0.900 | ug/L |   |          | 11/12/25 05:02 | 1       |
| Chloroform                    | <3.00        |           | 3.00  | 1.30  | ug/L |   |          | 11/12/25 05:02 | 1       |
| Chloromethane                 | <3.00        |           | 3.00  | 0.610 | ug/L |   |          | 11/12/25 05:02 | 1       |
| <b>cis-1,2-Dichloroethene</b> | <b>0.749</b> | <b>J</b>  | 1.00  | 0.550 | ug/L |   |          | 11/12/25 05:02 | 1       |
| cis-1,3-Dichloropropene       | <5.00        |           | 5.00  | 1.20  | ug/L |   |          | 11/12/25 05:02 | 1       |
| Dibromomethane                | <1.00        |           | 1.00  | 0.330 | ug/L |   |          | 11/12/25 05:02 | 1       |
| Ethylbenzene                  | <1.00        |           | 1.00  | 0.420 | ug/L |   |          | 11/12/25 05:02 | 1       |
| Iodomethane                   | <10.0        |           | 10.0  | 2.60  | ug/L |   |          | 11/12/25 05:02 | 1       |
| Methylene Chloride            | <5.00        |           | 5.00  | 1.70  | ug/L |   |          | 11/12/25 05:02 | 1       |
| Styrene                       | <1.00        |           | 1.00  | 0.370 | ug/L |   |          | 11/12/25 05:02 | 1       |
| Tetrachloroethene             | <1.00        |           | 1.00  | 0.480 | ug/L |   |          | 11/12/25 05:02 | 1       |
| Toluene                       | <1.00        |           | 1.00  | 0.430 | ug/L |   |          | 11/12/25 05:02 | 1       |
| trans-1,2-Dichloroethene      | <1.00        |           | 1.00  | 0.410 | ug/L |   |          | 11/12/25 05:02 | 1       |
| trans-1,3-Dichloropropene     | <5.00        |           | 5.00  | 2.30  | ug/L |   |          | 11/12/25 05:02 | 1       |
| trans-1,4-Dichloro-2-butene   | <10.0        |           | 10.0  | 2.40  | ug/L |   |          | 11/12/25 05:02 | 1       |
| Trichloroethene               | <1.00        |           | 1.00  | 0.350 | ug/L |   |          | 11/12/25 05:02 | 1       |
| Trichlorofluoromethane        | <4.00        |           | 4.00  | 0.470 | ug/L |   |          | 11/12/25 05:02 | 1       |
| Vinyl acetate                 | <10.0        |           | 10.0  | 7.10  | ug/L |   |          | 11/12/25 05:02 | 1       |
| Vinyl chloride                | <1.00        |           | 1.00  | 0.430 | ug/L |   |          | 11/12/25 05:02 | 1       |
| Xylenes, Total                | <3.00        |           | 3.00  | 1.10  | ug/L |   |          | 11/12/25 05:02 | 1       |

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# Client Sample Results

Client: SCS Engineers  
Project/Site: Clinton County North - 2nd 2025 GW Sampling  
Event

Job ID: 310-320144-1  
SDG: Clinton County North

**Client Sample ID: PZ-R4**

**Lab Sample ID: 310-320144-6**

**Date Collected: 11/05/25 10:23**

**Matrix: Water**

**Date Received: 11/07/25 17:30**

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------|----------------|---------|
| Dibromofluoromethane (Surr) | 96        |           | 76 - 130 |          | 11/12/25 05:02 | 1       |
| Dibromofluoromethane (Surr) | 100       |           | 76 - 130 |          | 11/12/25 19:53 | 1       |
| Toluene-d8 (Surr)           | 95        |           | 80 - 120 |          | 11/12/25 05:02 | 1       |
| Toluene-d8 (Surr)           | 102       |           | 80 - 120 |          | 11/12/25 19:53 | 1       |
| 4-Bromofluorobenzene (Surr) | 102       |           | 80 - 120 |          | 11/12/25 05:02 | 1       |
| 4-Bromofluorobenzene (Surr) | 110       |           | 80 - 120 |          | 11/12/25 19:53 | 1       |

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

| Analyte        | Result         | Qualifier | RL       | MDL      | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------|----------------|-----------|----------|----------|------|---|----------------|----------------|---------|
| Antimony       | <0.00200       |           | 0.00200  | 0.00100  | mg/L |   | 11/11/25 08:30 | 11/17/25 16:44 | 1       |
| <b>Arsenic</b> | <b>0.0230</b>  |           | 0.00200  | 0.000530 | mg/L |   | 11/11/25 08:30 | 11/17/25 16:44 | 1       |
| <b>Barium</b>  | <b>0.340</b>   |           | 0.00200  | 0.000660 | mg/L |   | 11/11/25 08:30 | 11/17/25 16:44 | 1       |
| Beryllium      | <0.00100       |           | 0.00100  | 0.000330 | mg/L |   | 11/11/25 08:30 | 11/17/25 16:44 | 1       |
| Cadmium        | <0.000200      |           | 0.000200 | 0.000100 | mg/L |   | 11/11/25 08:30 | 11/17/25 16:44 | 1       |
| Chromium       | <0.00500       |           | 0.00500  | 0.00180  | mg/L |   | 11/11/25 08:30 | 11/17/25 16:44 | 1       |
| <b>Cobalt</b>  | <b>0.00239</b> |           | 0.000500 | 0.000170 | mg/L |   | 11/11/25 08:30 | 11/17/25 16:44 | 1       |
| Copper         | <0.00500       |           | 0.00500  | 0.00320  | mg/L |   | 11/11/25 08:30 | 11/17/25 16:44 | 1       |
| Lead           | <0.000500      |           | 0.000500 | 0.000330 | mg/L |   | 11/11/25 08:30 | 11/17/25 16:44 | 1       |
| <b>Nickel</b>  | <b>0.0141</b>  |           | 0.00500  | 0.00230  | mg/L |   | 11/11/25 08:30 | 11/17/25 16:44 | 1       |
| Selenium       | <0.00500       |           | 0.00500  | 0.00140  | mg/L |   | 11/11/25 08:30 | 11/17/25 16:44 | 1       |
| Silver         | <0.00100       |           | 0.00100  | 0.000500 | mg/L |   | 11/11/25 08:30 | 11/17/25 16:44 | 1       |
| Thallium       | <0.00100       |           | 0.00100  | 0.000570 | mg/L |   | 11/11/25 08:30 | 11/17/25 16:44 | 1       |
| Vanadium       | <0.00500       |           | 0.00500  | 0.00170  | mg/L |   | 11/11/25 08:30 | 11/17/25 16:44 | 1       |
| Zinc           | <0.0200        |           | 0.0200   | 0.0130   | mg/L |   | 11/11/25 08:30 | 11/18/25 16:46 | 1       |

## General Chemistry

| Analyte                                        | Result      | Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------------------------------|-------------|-----------|------|------|------|---|----------|----------------|---------|
| <b>Total Suspended Solids (USGS I-3765-85)</b> | <b>88.0</b> |           | 15.0 | 10.5 | mg/L |   |          | 11/10/25 11:29 | 1       |

# Client Sample Results

Client: SCS Engineers  
Project/Site: Clinton County North - 2nd 2025 GW Sampling  
Event

Job ID: 310-320144-1  
SDG: Clinton County North

Client Sample ID: MW-06-6R

Lab Sample ID: 310-320144-7

Date Collected: 11/06/25 15:08

Matrix: Water

Date Received: 11/07/25 17:30

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

| Analyte   | Result    | Qualifier | RL       | MDL      | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------|-----------|-----------|----------|----------|------|---|----------------|----------------|---------|
| Arsenic   | 0.000780  | J         | 0.00200  | 0.000530 | mg/L | — | 11/11/25 08:30 | 11/17/25 16:47 | 1       |
| Barium    | 0.397     |           | 0.00200  | 0.000660 | mg/L | — | 11/11/25 08:30 | 11/17/25 16:47 | 1       |
| Beryllium | <0.00100  |           | 0.00100  | 0.000330 | mg/L | — | 11/11/25 08:30 | 11/17/25 16:47 | 1       |
| Cadmium   | <0.000200 |           | 0.000200 | 0.000100 | mg/L | — | 11/11/25 08:30 | 11/17/25 16:47 | 1       |
| Cobalt    | 0.000282  | J         | 0.000500 | 0.000170 | mg/L | — | 11/11/25 08:30 | 11/17/25 16:47 | 1       |
| Copper    | <0.00500  |           | 0.00500  | 0.00320  | mg/L | — | 11/11/25 08:30 | 11/17/25 16:47 | 1       |
| Lead      | <0.000500 |           | 0.000500 | 0.000330 | mg/L | — | 11/11/25 08:30 | 11/17/25 16:47 | 1       |
| Nickel    | <0.00500  |           | 0.00500  | 0.00230  | mg/L | — | 11/11/25 08:30 | 11/17/25 16:47 | 1       |
| Vanadium  | <0.00500  |           | 0.00500  | 0.00170  | mg/L | — | 11/11/25 08:30 | 11/17/25 16:47 | 1       |

## General Chemistry

| Analyte                                 | Result | Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------------------|--------|-----------|------|------|------|---|----------|----------------|---------|
| Total Suspended Solids (USGS I-3765-85) | 21.0   |           | 1.88 | 1.31 | mg/L | — |          | 11/11/25 09:56 | 1       |

# Client Sample Results

Client: SCS Engineers  
Project/Site: Clinton County North - 2nd 2025 GW Sampling  
Event

Job ID: 310-320144-1  
SDG: Clinton County North

Client Sample ID: MW-D

Lab Sample ID: 310-320144-8

Date Collected: 11/05/25 09:05

Matrix: Water

Date Received: 11/07/25 17:30

## 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   | <1.00  |           | 1.00  | 0.380 | ug/L |   |          | 11/12/25 05:24 | 1       |
| 1,1,1-Trichloroethane       | <1.00  |           | 1.00  | 0.420 | ug/L |   |          | 11/12/25 05:24 | 1       |
| 1,1,2,2-Tetrachloroethane   | <1.00  |           | 1.00  | 0.350 | ug/L |   |          | 11/12/25 05:24 | 1       |
| 1,1,2-Trichloroethane       | <1.00  |           | 1.00  | 0.330 | ug/L |   |          | 11/12/25 05:24 | 1       |
| 1,1-Dichloroethane          | <1.00  |           | 1.00  | 0.400 | ug/L |   |          | 11/12/25 05:24 | 1       |
| 1,1-Dichloroethene          | <2.00  |           | 2.00  | 0.460 | ug/L |   |          | 11/12/25 05:24 | 1       |
| 1,2,3-Trichloropropane      | <1.00  |           | 1.00  | 0.430 | ug/L |   |          | 11/12/25 05:24 | 1       |
| 1,2-Dibromo-3-Chloropropane | <1.20  |           | 1.20  | 1.20  | ug/L |   |          | 11/12/25 05:24 | 1       |
| 1,2-Dibromoethane (EDB)     | <0.340 |           | 0.340 | 0.340 | ug/L |   |          | 11/12/25 05:24 | 1       |
| 1,2-Dichlorobenzene         | <1.00  |           | 1.00  | 0.370 | ug/L |   |          | 11/12/25 05:24 | 1       |
| 1,2-Dichloroethane          | <1.00  |           | 1.00  | 0.890 | ug/L |   |          | 11/12/25 05:24 | 1       |
| 1,2-Dichloropropane         | <1.00  |           | 1.00  | 0.380 | ug/L |   |          | 11/12/25 05:24 | 1       |
| 1,4-Dichlorobenzene         | 2.20   |           | 1.00  | 0.490 | ug/L |   |          | 11/12/25 05:24 | 1       |
| 2-Butanone (MEK)            | <10.0  |           | 10.0  | 3.40  | ug/L |   |          | 11/12/25 05:24 | 1       |
| 2-Hexanone                  | <10.0  |           | 10.0  | 3.80  | ug/L |   |          | 11/12/25 20:16 | 1       |
| 4-Methyl-2-pentanone (MIBK) | <10.0  |           | 10.0  | 3.50  | ug/L |   |          | 11/12/25 05:24 | 1       |
| Acetone                     | 7.92 J |           | 10.0  | 3.80  | ug/L |   |          | 11/12/25 05:24 | 1       |
| Acrylonitrile               | <10.0  |           | 10.0  | 2.20  | ug/L |   |          | 11/12/25 05:24 | 1       |
| Benzene                     | 9.74   |           | 0.500 | 0.220 | ug/L |   |          | 11/12/25 05:24 | 1       |
| Bromochloromethane          | <5.00  |           | 5.00  | 1.70  | ug/L |   |          | 11/12/25 05:24 | 1       |
| Bromodichloromethane        | <1.00  |           | 1.00  | 0.390 | ug/L |   |          | 11/12/25 05:24 | 1       |
| Bromoform                   | <5.00  |           | 5.00  | 2.60  | ug/L |   |          | 11/12/25 05:24 | 1       |
| Bromomethane                | <4.00  |           | 4.00  | 1.10  | ug/L |   |          | 11/12/25 05:24 | 1       |
| Carbon disulfide            | <1.00  |           | 1.00  | 0.450 | ug/L |   |          | 11/12/25 05:24 | 1       |
| Carbon tetrachloride        | <2.00  |           | 2.00  | 0.650 | ug/L |   |          | 11/12/25 05:24 | 1       |
| Chlorobenzene               | 10.6   |           | 1.00  | 0.350 | ug/L |   |          | 11/12/25 05:24 | 1       |
| Chlorodibromomethane        | <5.00  |           | 5.00  | 1.50  | ug/L |   |          | 11/12/25 05:24 | 1       |
| Chloroethane                | 1.57 J |           | 4.00  | 0.900 | ug/L |   |          | 11/12/25 05:24 | 1       |
| Chloroform                  | <3.00  |           | 3.00  | 1.30  | ug/L |   |          | 11/12/25 05:24 | 1       |
| Chloromethane               | <3.00  |           | 3.00  | 0.610 | ug/L |   |          | 11/12/25 05:24 | 1       |
| cis-1,2-Dichloroethene      | <1.00  |           | 1.00  | 0.550 | ug/L |   |          | 11/12/25 05:24 | 1       |
| cis-1,3-Dichloropropene     | <5.00  |           | 5.00  | 1.20  | ug/L |   |          | 11/12/25 05:24 | 1       |
| Dibromomethane              | <1.00  |           | 1.00  | 0.330 | ug/L |   |          | 11/12/25 05:24 | 1       |
| Ethylbenzene                | <1.00  |           | 1.00  | 0.420 | ug/L |   |          | 11/12/25 05:24 | 1       |
| Iodomethane                 | <10.0  |           | 10.0  | 2.60  | ug/L |   |          | 11/12/25 05:24 | 1       |
| Methylene Chloride          | <5.00  |           | 5.00  | 1.70  | ug/L |   |          | 11/12/25 05:24 | 1       |
| Styrene                     | <1.00  |           | 1.00  | 0.370 | ug/L |   |          | 11/12/25 05:24 | 1       |
| Tetrachloroethene           | <1.00  |           | 1.00  | 0.480 | ug/L |   |          | 11/12/25 05:24 | 1       |
| Toluene                     | <1.00  |           | 1.00  | 0.430 | ug/L |   |          | 11/12/25 05:24 | 1       |
| trans-1,2-Dichloroethene    | <1.00  |           | 1.00  | 0.410 | ug/L |   |          | 11/12/25 05:24 | 1       |
| trans-1,3-Dichloropropene   | <5.00  |           | 5.00  | 2.30  | ug/L |   |          | 11/12/25 05:24 | 1       |
| trans-1,4-Dichloro-2-butene | <10.0  |           | 10.0  | 2.40  | ug/L |   |          | 11/12/25 05:24 | 1       |
| Trichloroethene             | <1.00  |           | 1.00  | 0.350 | ug/L |   |          | 11/12/25 05:24 | 1       |
| Trichlorofluoromethane      | <4.00  |           | 4.00  | 0.470 | ug/L |   |          | 11/12/25 05:24 | 1       |
| Vinyl acetate               | <10.0  |           | 10.0  | 7.10  | ug/L |   |          | 11/12/25 05:24 | 1       |
| Vinyl chloride              | <1.00  |           | 1.00  | 0.430 | ug/L |   |          | 11/12/25 05:24 | 1       |
| Xylenes, Total              | <3.00  |           | 3.00  | 1.10  | ug/L |   |          | 11/12/25 05:24 | 1       |

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# Client Sample Results

Client: SCS Engineers  
Project/Site: Clinton County North - 2nd 2025 GW Sampling  
Event

Job ID: 310-320144-1  
SDG: Clinton County North

**Client Sample ID: MW-D**

**Lab Sample ID: 310-320144-8**

**Date Collected: 11/05/25 09:05**

**Matrix: Water**

**Date Received: 11/07/25 17:30**

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------|----------------|---------|
| Dibromofluoromethane (Surr) | 96        |           | 76 - 130 |          | 11/12/25 05:24 | 1       |
| Dibromofluoromethane (Surr) | 101       |           | 76 - 130 |          | 11/12/25 20:16 | 1       |
| Toluene-d8 (Surr)           | 95        |           | 80 - 120 |          | 11/12/25 05:24 | 1       |
| Toluene-d8 (Surr)           | 102       |           | 80 - 120 |          | 11/12/25 20:16 | 1       |
| 4-Bromofluorobenzene (Surr) | 101       |           | 80 - 120 |          | 11/12/25 05:24 | 1       |
| 4-Bromofluorobenzene (Surr) | 107       |           | 80 - 120 |          | 11/12/25 20:16 | 1       |

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

| Analyte        | Result         | Qualifier | RL       | MDL      | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------------|----------------|-----------|----------|----------|------|---|----------------|----------------|---------|
| Antimony       | <0.00200       |           | 0.00200  | 0.00100  | mg/L |   | 11/11/25 08:30 | 11/17/25 16:49 | 1       |
| <b>Arsenic</b> | <b>0.149</b>   |           | 0.00200  | 0.000530 | mg/L |   | 11/11/25 08:30 | 11/17/25 16:49 | 1       |
| <b>Barium</b>  | <b>0.390</b>   |           | 0.00200  | 0.000660 | mg/L |   | 11/11/25 08:30 | 11/17/25 16:49 | 1       |
| Beryllium      | <0.00100       |           | 0.00100  | 0.000330 | mg/L |   | 11/11/25 08:30 | 11/17/25 16:49 | 1       |
| Cadmium        | <0.000200      |           | 0.000200 | 0.000100 | mg/L |   | 11/11/25 08:30 | 11/17/25 16:49 | 1       |
| Chromium       | <0.00500       |           | 0.00500  | 0.00180  | mg/L |   | 11/11/25 08:30 | 11/17/25 16:49 | 1       |
| <b>Cobalt</b>  | <b>0.00584</b> |           | 0.000500 | 0.000170 | mg/L |   | 11/11/25 08:30 | 11/17/25 16:49 | 1       |
| Copper         | <0.00500       |           | 0.00500  | 0.00320  | mg/L |   | 11/11/25 08:30 | 11/17/25 16:49 | 1       |
| Lead           | <0.000500      |           | 0.000500 | 0.000330 | mg/L |   | 11/11/25 08:30 | 11/17/25 16:49 | 1       |
| <b>Nickel</b>  | <b>0.0368</b>  |           | 0.00500  | 0.00230  | mg/L |   | 11/11/25 08:30 | 11/17/25 16:49 | 1       |
| Selenium       | <0.00500       |           | 0.00500  | 0.00140  | mg/L |   | 11/11/25 08:30 | 11/17/25 16:49 | 1       |
| Silver         | <0.00100       |           | 0.00100  | 0.000500 | mg/L |   | 11/11/25 08:30 | 11/17/25 16:49 | 1       |
| Thallium       | <0.00100       |           | 0.00100  | 0.000570 | mg/L |   | 11/11/25 08:30 | 11/17/25 16:49 | 1       |
| Vanadium       | <0.00500       |           | 0.00500  | 0.00170  | mg/L |   | 11/11/25 08:30 | 11/17/25 16:49 | 1       |
| Zinc           | <0.0200        |           | 0.0200   | 0.0130   | mg/L |   | 11/11/25 08:30 | 11/18/25 16:51 | 1       |

## General Chemistry

| Analyte                                        | Result      | Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------------------------------|-------------|-----------|------|------|------|---|----------|----------------|---------|
| <b>Total Suspended Solids (USGS I-3765-85)</b> | <b>95.0</b> |           | 15.0 | 10.5 | mg/L |   |          | 11/10/25 11:29 | 1       |

# Client Sample Results

Client: SCS Engineers  
Project/Site: Clinton County North - 2nd 2025 GW Sampling  
Event

Job ID: 310-320144-1  
SDG: Clinton County North

Client Sample ID: Trip Blank

Lab Sample ID: 310-320144-9

Date Collected: 11/05/25 00:00

Matrix: Water

Date Received: 11/07/25 17:30

## 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   | <1.00  |           | 1.00  | 0.380 | ug/L |   |          | 11/11/25 13:52 | 1       |
| 1,1,1-Trichloroethane       | <1.00  |           | 1.00  | 0.420 | ug/L |   |          | 11/11/25 13:52 | 1       |
| 1,1,2,2-Tetrachloroethane   | <1.00  |           | 1.00  | 0.350 | ug/L |   |          | 11/11/25 13:52 | 1       |
| 1,1,2-Trichloroethane       | <1.00  |           | 1.00  | 0.330 | ug/L |   |          | 11/11/25 13:52 | 1       |
| 1,1-Dichloroethane          | <1.00  |           | 1.00  | 0.400 | ug/L |   |          | 11/11/25 13:52 | 1       |
| 1,1-Dichloroethene          | <2.00  |           | 2.00  | 0.460 | ug/L |   |          | 11/11/25 13:52 | 1       |
| 1,2,3-Trichloropropane      | <1.00  |           | 1.00  | 0.430 | ug/L |   |          | 11/11/25 13:52 | 1       |
| 1,2-Dibromo-3-Chloropropane | <1.20  |           | 1.20  | 1.20  | ug/L |   |          | 11/11/25 13:52 | 1       |
| 1,2-Dibromoethane (EDB)     | <0.340 |           | 0.340 | 0.340 | ug/L |   |          | 11/11/25 13:52 | 1       |
| 1,2-Dichlorobenzene         | <1.00  |           | 1.00  | 0.370 | ug/L |   |          | 11/11/25 13:52 | 1       |
| 1,2-Dichloroethane          | <1.00  |           | 1.00  | 0.890 | ug/L |   |          | 11/11/25 13:52 | 1       |
| 1,2-Dichloropropane         | <1.00  |           | 1.00  | 0.380 | ug/L |   |          | 11/11/25 13:52 | 1       |
| 1,4-Dichlorobenzene         | <1.00  |           | 1.00  | 0.490 | ug/L |   |          | 11/11/25 13:52 | 1       |
| 2-Butanone (MEK)            | <10.0  |           | 10.0  | 3.40  | ug/L |   |          | 11/11/25 13:52 | 1       |
| 2-Hexanone                  | <10.0  |           | 10.0  | 3.80  | ug/L |   |          | 11/11/25 13:52 | 1       |
| 4-Methyl-2-pentanone (MIBK) | <10.0  |           | 10.0  | 3.50  | ug/L |   |          | 11/11/25 13:52 | 1       |
| Acetone                     | <10.0  |           | 10.0  | 3.80  | ug/L |   |          | 11/11/25 13:52 | 1       |
| Acrylonitrile               | <10.0  |           | 10.0  | 2.20  | ug/L |   |          | 11/11/25 13:52 | 1       |
| Benzene                     | <0.500 |           | 0.500 | 0.220 | ug/L |   |          | 11/11/25 13:52 | 1       |
| Bromochloromethane          | <5.00  |           | 5.00  | 1.70  | ug/L |   |          | 11/11/25 13:52 | 1       |
| Bromodichloromethane        | <1.00  |           | 1.00  | 0.390 | ug/L |   |          | 11/11/25 13:52 | 1       |
| Bromoform                   | <5.00  |           | 5.00  | 2.60  | ug/L |   |          | 11/11/25 13:52 | 1       |
| Bromomethane                | <4.00  |           | 4.00  | 1.10  | ug/L |   |          | 11/11/25 13:52 | 1       |
| Carbon disulfide            | <1.00  |           | 1.00  | 0.450 | ug/L |   |          | 11/11/25 13:52 | 1       |
| Carbon tetrachloride        | <2.00  |           | 2.00  | 0.650 | ug/L |   |          | 11/11/25 13:52 | 1       |
| Chlorobenzene               | <1.00  |           | 1.00  | 0.350 | ug/L |   |          | 11/11/25 13:52 | 1       |
| Chlorodibromomethane        | <5.00  |           | 5.00  | 1.50  | ug/L |   |          | 11/11/25 13:52 | 1       |
| Chloroethane                | <4.00  |           | 4.00  | 0.900 | ug/L |   |          | 11/11/25 13:52 | 1       |
| Chloroform                  | <3.00  |           | 3.00  | 1.30  | ug/L |   |          | 11/11/25 13:52 | 1       |
| Chloromethane               | <3.00  |           | 3.00  | 0.610 | ug/L |   |          | 11/11/25 13:52 | 1       |
| cis-1,2-Dichloroethene      | <1.00  |           | 1.00  | 0.550 | ug/L |   |          | 11/11/25 13:52 | 1       |
| cis-1,3-Dichloropropene     | <5.00  |           | 5.00  | 1.20  | ug/L |   |          | 11/11/25 13:52 | 1       |
| Dibromomethane              | <1.00  |           | 1.00  | 0.330 | ug/L |   |          | 11/11/25 13:52 | 1       |
| Ethylbenzene                | <1.00  |           | 1.00  | 0.420 | ug/L |   |          | 11/11/25 13:52 | 1       |
| Iodomethane                 | <10.0  |           | 10.0  | 2.60  | ug/L |   |          | 11/11/25 13:52 | 1       |
| Methylene Chloride          | <5.00  |           | 5.00  | 1.70  | ug/L |   |          | 11/11/25 13:52 | 1       |
| Styrene                     | <1.00  |           | 1.00  | 0.370 | ug/L |   |          | 11/11/25 13:52 | 1       |
| Tetrachloroethene           | <1.00  |           | 1.00  | 0.480 | ug/L |   |          | 11/11/25 13:52 | 1       |
| Toluene                     | <1.00  |           | 1.00  | 0.430 | ug/L |   |          | 11/11/25 13:52 | 1       |
| trans-1,2-Dichloroethene    | <1.00  |           | 1.00  | 0.410 | ug/L |   |          | 11/11/25 13:52 | 1       |
| trans-1,3-Dichloropropene   | <5.00  |           | 5.00  | 2.30  | ug/L |   |          | 11/11/25 13:52 | 1       |
| trans-1,4-Dichloro-2-butene | <10.0  |           | 10.0  | 2.40  | ug/L |   |          | 11/11/25 13:52 | 1       |
| Trichloroethene             | <1.00  |           | 1.00  | 0.350 | ug/L |   |          | 11/11/25 13:52 | 1       |
| Trichlorofluoromethane      | <4.00  |           | 4.00  | 0.470 | ug/L |   |          | 11/11/25 13:52 | 1       |
| Vinyl acetate               | <10.0  |           | 10.0  | 7.10  | ug/L |   |          | 11/11/25 13:52 | 1       |
| Vinyl chloride              | <1.00  |           | 1.00  | 0.430 | ug/L |   |          | 11/11/25 13:52 | 1       |
| Xylenes, Total              | <3.00  |           | 3.00  | 1.10  | ug/L |   |          | 11/11/25 13:52 | 1       |

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# Client Sample Results

Client: SCS Engineers  
Project/Site: Clinton County North - 2nd 2025 GW Sampling  
Event

Job ID: 310-320144-1  
SDG: Clinton County North

**Client Sample ID: Trip Blank**  
**Date Collected: 11/05/25 00:00**  
**Date Received: 11/07/25 17:30**

**Lab Sample ID: 310-320144-9**  
**Matrix: Water**

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------|----------------|---------|
| Dibromofluoromethane (Surr) | 97        |           | 76 - 130 |          | 11/11/25 13:52 | 1       |
| Toluene-d8 (Surr)           | 96        |           | 80 - 120 |          | 11/11/25 13:52 | 1       |
| 4-Bromofluorobenzene (Surr) | 103       |           | 80 - 120 |          | 11/11/25 13:52 | 1       |

## Definitions/Glossary

Client: SCS Engineers  
Project/Site: Clinton County North - 2nd 2025 GW Sampling  
Event

Job ID: 310-320144-1  
SDG: Clinton County North

### 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. |

#### 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                                                                                       |

# Surrogate Summary

Client: SCS Engineers  
Project/Site: Clinton County North - 2nd 2025 GW Sampling  
Event

Job ID: 310-320144-1  
SDG: Clinton County North

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

Matrix: Water

Prep Type: Total/NA

## Percent Surrogate Recovery (Acceptance Limits)

| Lab Sample ID    | Client Sample ID   | DBFM     | TOL      | BFB      |
|------------------|--------------------|----------|----------|----------|
|                  |                    | (76-130) | (80-120) | (80-120) |
| 310-320144-1     | MW-06-7R           | 96       | 94       | 103      |
| 310-320144-1     | MW-06-7R           | 99       | 102      | 110      |
| 310-320144-1 MS  | MW-06-7R           | 111      | 97       | 100      |
| 310-320144-1 MSD | MW-06-7R           | 103      | 97       | 101      |
| 310-320144-2     | MW-90-5            | 100      | 95       | 103      |
| 310-320144-2     | MW-90-5            | 101      | 101      | 106      |
| 310-320144-3     | MW-90-13           | 101      | 94       | 101      |
| 310-320144-3     | MW-90-13           | 102      | 102      | 109      |
| 310-320144-4     | MW-03-16           | 97       | 97       | 103      |
| 310-320144-4     | MW-03-16           | 99       | 102      | 107      |
| 310-320144-5     | PZ-R3              | 97       | 94       | 101      |
| 310-320144-5     | PZ-R3              | 101      | 103      | 106      |
| 310-320144-6     | PZ-R4              | 96       | 95       | 102      |
| 310-320144-6     | PZ-R4              | 100      | 102      | 110      |
| 310-320144-8     | MW-D               | 96       | 95       | 101      |
| 310-320144-8     | MW-D               | 101      | 102      | 107      |
| 310-320144-9     | Trip Blank         | 97       | 96       | 103      |
| LCS 310-472998/6 | Lab Control Sample | 103      | 97       | 102      |
| LCS 310-472998/7 | Lab Control Sample | 97       | 97       | 102      |
| LCS 310-473146/6 | Lab Control Sample | 102      | 97       | 101      |
| LCS 310-473146/7 | Lab Control Sample | 96       | 95       | 102      |
| LCS 310-473296/6 | Lab Control Sample | 98       | 104      | 101      |
| LCS 310-473296/7 | Lab Control Sample | 103      | 101      | 109      |
| MB 310-472998/5  | Method Blank       | 99       | 96       | 103      |
| MB 310-473146/5  | Method Blank       | 97       | 94       | 103      |
| MB 310-473296/5  | Method Blank       | 103      | 102      | 109      |

### Surrogate Legend

DBFM = Dibromofluoromethane (Surr)

TOL = Toluene-d8 (Surr)

BFB = 4-Bromofluorobenzene (Surr)



# QC Sample Results

Client: SCS Engineers  
Project/Site: Clinton County North - 2nd 2025 GW Sampling  
Event

Job ID: 310-320144-1  
SDG: Clinton County North

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

Lab Sample ID: MB 310-472998/5

Matrix: Water

Analysis Batch: 472998

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   | <1.00     |              | 1.00  | 0.380 | ug/L |   |          | 11/11/25 11:38 | 1       |
| 1,1,1-Trichloroethane       | <1.00     |              | 1.00  | 0.420 | ug/L |   |          | 11/11/25 11:38 | 1       |
| 1,1,2,2-Tetrachloroethane   | <1.00     |              | 1.00  | 0.350 | ug/L |   |          | 11/11/25 11:38 | 1       |
| 1,1,2-Trichloroethane       | <1.00     |              | 1.00  | 0.330 | ug/L |   |          | 11/11/25 11:38 | 1       |
| 1,1-Dichloroethane          | <1.00     |              | 1.00  | 0.400 | ug/L |   |          | 11/11/25 11:38 | 1       |
| 1,1-Dichloroethene          | <2.00     |              | 2.00  | 0.460 | ug/L |   |          | 11/11/25 11:38 | 1       |
| 1,2,3-Trichloropropane      | <1.00     |              | 1.00  | 0.430 | ug/L |   |          | 11/11/25 11:38 | 1       |
| 1,2-Dibromo-3-Chloropropane | <1.20     |              | 1.20  | 1.20  | ug/L |   |          | 11/11/25 11:38 | 1       |
| 1,2-Dibromoethane (EDB)     | <0.340    |              | 0.340 | 0.340 | ug/L |   |          | 11/11/25 11:38 | 1       |
| 1,2-Dichlorobenzene         | <1.00     |              | 1.00  | 0.370 | ug/L |   |          | 11/11/25 11:38 | 1       |
| 1,2-Dichloroethane          | <1.00     |              | 1.00  | 0.890 | ug/L |   |          | 11/11/25 11:38 | 1       |
| 1,2-Dichloropropane         | <1.00     |              | 1.00  | 0.380 | ug/L |   |          | 11/11/25 11:38 | 1       |
| 1,4-Dichlorobenzene         | <1.00     |              | 1.00  | 0.490 | ug/L |   |          | 11/11/25 11:38 | 1       |
| 2-Butanone (MEK)            | <10.0     |              | 10.0  | 3.40  | ug/L |   |          | 11/11/25 11:38 | 1       |
| 2-Hexanone                  | <10.0     |              | 10.0  | 3.80  | ug/L |   |          | 11/11/25 11:38 | 1       |
| 4-Methyl-2-pentanone (MIBK) | <10.0     |              | 10.0  | 3.50  | ug/L |   |          | 11/11/25 11:38 | 1       |
| Acetone                     | <10.0     |              | 10.0  | 3.80  | ug/L |   |          | 11/11/25 11:38 | 1       |
| Acrylonitrile               | <10.0     |              | 10.0  | 2.20  | ug/L |   |          | 11/11/25 11:38 | 1       |
| Benzene                     | <0.500    |              | 0.500 | 0.220 | ug/L |   |          | 11/11/25 11:38 | 1       |
| Bromochloromethane          | <5.00     |              | 5.00  | 1.70  | ug/L |   |          | 11/11/25 11:38 | 1       |
| Bromodichloromethane        | <1.00     |              | 1.00  | 0.390 | ug/L |   |          | 11/11/25 11:38 | 1       |
| Bromoform                   | <5.00     |              | 5.00  | 2.60  | ug/L |   |          | 11/11/25 11:38 | 1       |
| Bromomethane                | <4.00     |              | 4.00  | 1.10  | ug/L |   |          | 11/11/25 11:38 | 1       |
| Carbon disulfide            | <1.00     |              | 1.00  | 0.450 | ug/L |   |          | 11/11/25 11:38 | 1       |
| Carbon tetrachloride        | <2.00     |              | 2.00  | 0.650 | ug/L |   |          | 11/11/25 11:38 | 1       |
| Chlorobenzene               | <1.00     |              | 1.00  | 0.350 | ug/L |   |          | 11/11/25 11:38 | 1       |
| Chlorodibromomethane        | <5.00     |              | 5.00  | 1.50  | ug/L |   |          | 11/11/25 11:38 | 1       |
| Chloroethane                | <4.00     |              | 4.00  | 0.900 | ug/L |   |          | 11/11/25 11:38 | 1       |
| Chloroform                  | <3.00     |              | 3.00  | 1.30  | ug/L |   |          | 11/11/25 11:38 | 1       |
| Chloromethane               | <3.00     |              | 3.00  | 0.610 | ug/L |   |          | 11/11/25 11:38 | 1       |
| cis-1,2-Dichloroethene      | <1.00     |              | 1.00  | 0.550 | ug/L |   |          | 11/11/25 11:38 | 1       |
| cis-1,3-Dichloropropene     | <5.00     |              | 5.00  | 1.20  | ug/L |   |          | 11/11/25 11:38 | 1       |
| Dibromomethane              | <1.00     |              | 1.00  | 0.330 | ug/L |   |          | 11/11/25 11:38 | 1       |
| Ethylbenzene                | <1.00     |              | 1.00  | 0.420 | ug/L |   |          | 11/11/25 11:38 | 1       |
| Iodomethane                 | <10.0     |              | 10.0  | 2.60  | ug/L |   |          | 11/11/25 11:38 | 1       |
| Methylene Chloride          | <5.00     |              | 5.00  | 1.70  | ug/L |   |          | 11/11/25 11:38 | 1       |
| Styrene                     | <1.00     |              | 1.00  | 0.370 | ug/L |   |          | 11/11/25 11:38 | 1       |
| Tetrachloroethene           | <1.00     |              | 1.00  | 0.480 | ug/L |   |          | 11/11/25 11:38 | 1       |
| Toluene                     | <1.00     |              | 1.00  | 0.430 | ug/L |   |          | 11/11/25 11:38 | 1       |
| trans-1,2-Dichloroethene    | <1.00     |              | 1.00  | 0.410 | ug/L |   |          | 11/11/25 11:38 | 1       |
| trans-1,3-Dichloropropene   | <5.00     |              | 5.00  | 2.30  | ug/L |   |          | 11/11/25 11:38 | 1       |
| trans-1,4-Dichloro-2-butene | <10.0     |              | 10.0  | 2.40  | ug/L |   |          | 11/11/25 11:38 | 1       |
| Trichloroethene             | <1.00     |              | 1.00  | 0.350 | ug/L |   |          | 11/11/25 11:38 | 1       |
| Trichlorofluoromethane      | <4.00     |              | 4.00  | 0.470 | ug/L |   |          | 11/11/25 11:38 | 1       |
| Vinyl acetate               | <10.0     |              | 10.0  | 7.10  | ug/L |   |          | 11/11/25 11:38 | 1       |
| Vinyl chloride              | <1.00     |              | 1.00  | 0.430 | ug/L |   |          | 11/11/25 11:38 | 1       |
| Xylenes, Total              | <3.00     |              | 3.00  | 1.10  | ug/L |   |          | 11/11/25 11:38 | 1       |

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# QC Sample Results

Client: SCS Engineers  
Project/Site: Clinton County North - 2nd 2025 GW Sampling  
Event

Job ID: 310-320144-1  
SDG: Clinton County North

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

Lab Sample ID: MB 310-472998/5

Matrix: Water

Analysis Batch: 472998

Client Sample ID: Method Blank

Prep Type: Total/NA

| Surrogate                   | MB<br>%Recovery | MB<br>Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------------|-----------------|----------|----------|----------------|---------|
| Dibromofluoromethane (Surr) | 99              |                 | 76 - 130 |          | 11/11/25 11:38 | 1       |
| Toluene-d8 (Surr)           | 96              |                 | 80 - 120 |          | 11/11/25 11:38 | 1       |
| 4-Bromofluorobenzene (Surr) | 103             |                 | 80 - 120 |          | 11/11/25 11:38 | 1       |

Lab Sample ID: LCS 310-472998/6

Matrix: Water

Analysis Batch: 472998

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                     | Spike<br>Added | LCS<br>Result | LCS<br>Qualifier | Unit | D | %Rec | %Rec<br>Limits |
|-----------------------------|----------------|---------------|------------------|------|---|------|----------------|
| 1,1,1,2-Tetrachloroethane   | 20.0           | 21.90         |                  | ug/L |   | 109  | 70 - 121       |
| 1,1,1-Trichloroethane       | 20.0           | 20.58         |                  | ug/L |   | 103  | 69 - 130       |
| 1,1,2,2-Tetrachloroethane   | 20.0           | 20.24         |                  | ug/L |   | 101  | 70 - 122       |
| 1,1,2-Trichloroethane       | 20.0           | 20.97         |                  | ug/L |   | 105  | 75 - 121       |
| 1,1-Dichloroethane          | 20.0           | 19.94         |                  | ug/L |   | 100  | 69 - 127       |
| 1,1-Dichloroethene          | 20.0           | 20.13         |                  | ug/L |   | 101  | 64 - 134       |
| 1,2,3-Trichloropropane      | 20.0           | 21.55         |                  | ug/L |   | 108  | 70 - 122       |
| 1,2-Dibromo-3-Chloropropane | 20.0           | 21.01         |                  | ug/L |   | 105  | 62 - 132       |
| 1,2-Dibromoethane (EDB)     | 20.0           | 21.63         |                  | ug/L |   | 108  | 74 - 122       |
| 1,2-Dichlorobenzene         | 20.0           | 21.21         |                  | ug/L |   | 106  | 74 - 120       |
| 1,2-Dichloroethane          | 20.0           | 20.60         |                  | ug/L |   | 103  | 68 - 125       |
| 1,2-Dichloropropane         | 20.0           | 19.35         |                  | ug/L |   | 97   | 72 - 128       |
| 1,4-Dichlorobenzene         | 20.0           | 20.86         |                  | ug/L |   | 104  | 72 - 120       |
| 2-Butanone (MEK)            | 40.0           | 36.67         |                  | ug/L |   | 92   | 60 - 134       |
| 2-Hexanone                  | 40.0           | 33.85         |                  | ug/L |   | 85   | 62 - 139       |
| 4-Methyl-2-pentanone (MIBK) | 40.0           | 35.71         |                  | ug/L |   | 89   | 62 - 136       |
| Acetone                     | 40.0           | 37.19         |                  | ug/L |   | 93   | 59 - 136       |
| Acrylonitrile               | 200            | 202.1         |                  | ug/L |   | 101  | 50 - 150       |
| Benzene                     | 20.0           | 20.20         |                  | ug/L |   | 101  | 71 - 125       |
| Bromochloromethane          | 20.0           | 23.58         |                  | ug/L |   | 118  | 69 - 131       |
| Bromodichloromethane        | 20.0           | 20.62         |                  | ug/L |   | 103  | 70 - 122       |
| Bromoform                   | 20.0           | 22.26         |                  | ug/L |   | 111  | 62 - 122       |
| Carbon disulfide            | 20.0           | 20.31         |                  | ug/L |   | 102  | 58 - 137       |
| Carbon tetrachloride        | 20.0           | 20.63         |                  | ug/L |   | 103  | 63 - 136       |
| Chlorobenzene               | 20.0           | 20.89         |                  | ug/L |   | 104  | 74 - 120       |
| Chlorodibromomethane        | 20.0           | 21.34         |                  | ug/L |   | 107  | 69 - 121       |
| Chloroform                  | 20.0           | 20.87         |                  | ug/L |   | 104  | 72 - 122       |
| cis-1,2-Dichloroethene      | 20.0           | 22.07         |                  | ug/L |   | 110  | 72 - 123       |
| cis-1,3-Dichloropropene     | 20.0           | 18.58         |                  | ug/L |   | 93   | 72 - 123       |
| Dibromomethane              | 20.0           | 22.67         |                  | ug/L |   | 113  | 72 - 122       |
| Ethylbenzene                | 20.0           | 20.32         |                  | ug/L |   | 102  | 75 - 120       |
| Iodomethane                 | 20.0           | 15.61         |                  | ug/L |   | 78   | 18 - 150       |
| Methylene Chloride          | 20.0           | 19.49         |                  | ug/L |   | 97   | 72 - 128       |
| Styrene                     | 20.0           | 21.13         |                  | ug/L |   | 106  | 74 - 122       |
| Tetrachloroethene           | 20.0           | 22.69         |                  | ug/L |   | 113  | 70 - 128       |
| Toluene                     | 20.0           | 20.73         |                  | ug/L |   | 104  | 74 - 120       |
| trans-1,2-Dichloroethene    | 20.0           | 22.13         |                  | ug/L |   | 111  | 67 - 127       |
| trans-1,3-Dichloropropene   | 20.0           | 18.84         |                  | ug/L |   | 94   | 67 - 123       |

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# QC Sample Results

Client: SCS Engineers  
Project/Site: Clinton County North - 2nd 2025 GW Sampling  
Event

Job ID: 310-320144-1  
SDG: Clinton County North

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

Lab Sample ID: LCS 310-472998/6

Matrix: Water

Analysis Batch: 472998

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                     | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|-----------------------------|-------------|------------|---------------|------|---|------|-------------|
| trans-1,4-Dichloro-2-butene | 20.0        | 17.03      |               | ug/L |   | 85   | 50 - 150    |
| Trichloroethene             | 20.0        | 21.09      |               | ug/L |   | 105  | 70 - 128    |
| Vinyl acetate               | 40.0        | 32.69      |               | ug/L |   | 82   | 50 - 150    |
| Xylenes, Total              | 40.0        | 41.34      |               | ug/L |   | 103  | 74 - 121    |

| Surrogate                   | LCS %Recovery | LCS Qualifier | Limits   |
|-----------------------------|---------------|---------------|----------|
| Dibromofluoromethane (Surr) | 103           |               | 76 - 130 |
| Toluene-d8 (Surr)           | 97            |               | 80 - 120 |
| 4-Bromofluorobenzene (Surr) | 102           |               | 80 - 120 |

Lab Sample ID: LCS 310-472998/7

Matrix: Water

Analysis Batch: 472998

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        | 14.83      |               | ug/L |   | 74   | 33 - 138    |
| Chloroethane           | 20.0        | 16.61      |               | ug/L |   | 83   | 59 - 139    |
| Chloromethane          | 20.0        | 16.30      |               | ug/L |   | 82   | 52 - 146    |
| Trichlorofluoromethane | 20.0        | 18.76      |               | ug/L |   | 94   | 55 - 150    |
| Vinyl chloride         | 20.0        | 16.37      |               | ug/L |   | 82   | 60 - 142    |

| Surrogate                   | LCS %Recovery | LCS Qualifier | Limits   |
|-----------------------------|---------------|---------------|----------|
| Dibromofluoromethane (Surr) | 97            |               | 76 - 130 |
| Toluene-d8 (Surr)           | 97            |               | 80 - 120 |
| 4-Bromofluorobenzene (Surr) | 102           |               | 80 - 120 |

Lab Sample ID: MB 310-473146/5

Matrix: Water

Analysis Batch: 473146

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   | <1.00     |              | 1.00  | 0.380 | ug/L |   |          | 11/11/25 22:22 | 1       |
| 1,1,1-Trichloroethane       | <1.00     |              | 1.00  | 0.420 | ug/L |   |          | 11/11/25 22:22 | 1       |
| 1,1,2,2-Tetrachloroethane   | <1.00     |              | 1.00  | 0.350 | ug/L |   |          | 11/11/25 22:22 | 1       |
| 1,1,2-Trichloroethane       | <1.00     |              | 1.00  | 0.330 | ug/L |   |          | 11/11/25 22:22 | 1       |
| 1,1-Dichloroethane          | <1.00     |              | 1.00  | 0.400 | ug/L |   |          | 11/11/25 22:22 | 1       |
| 1,1-Dichloroethene          | <2.00     |              | 2.00  | 0.460 | ug/L |   |          | 11/11/25 22:22 | 1       |
| 1,2,3-Trichloropropane      | <1.00     |              | 1.00  | 0.430 | ug/L |   |          | 11/11/25 22:22 | 1       |
| 1,2-Dibromo-3-Chloropropane | <1.20     |              | 1.20  | 1.20  | ug/L |   |          | 11/11/25 22:22 | 1       |
| 1,2-Dibromoethane (EDB)     | <0.340    |              | 0.340 | 0.340 | ug/L |   |          | 11/11/25 22:22 | 1       |
| 1,2-Dichlorobenzene         | <1.00     |              | 1.00  | 0.370 | ug/L |   |          | 11/11/25 22:22 | 1       |
| 1,2-Dichloroethane          | <1.00     |              | 1.00  | 0.890 | ug/L |   |          | 11/11/25 22:22 | 1       |
| 1,2-Dichloropropane         | <1.00     |              | 1.00  | 0.380 | ug/L |   |          | 11/11/25 22:22 | 1       |
| 1,4-Dichlorobenzene         | <1.00     |              | 1.00  | 0.490 | ug/L |   |          | 11/11/25 22:22 | 1       |
| 2-Butanone (MEK)            | <10.0     |              | 10.0  | 3.40  | ug/L |   |          | 11/11/25 22:22 | 1       |
| 2-Hexanone                  | <10.0     |              | 10.0  | 3.80  | ug/L |   |          | 11/11/25 22:22 | 1       |
| 4-Methyl-2-pentanone (MIBK) | <10.0     |              | 10.0  | 3.50  | ug/L |   |          | 11/11/25 22:22 | 1       |

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# QC Sample Results

Client: SCS Engineers  
Project/Site: Clinton County North - 2nd 2025 GW Sampling  
Event

Job ID: 310-320144-1  
SDG: Clinton County North

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

Lab Sample ID: MB 310-473146/5

Matrix: Water

Analysis Batch: 473146

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                     | MB Result | MB Qualifier | RL    | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|--------------|-------|-------|------|---|----------|----------------|---------|
| Acetone                     | <10.0     |              | 10.0  | 3.80  | ug/L |   |          | 11/11/25 22:22 | 1       |
| Acrylonitrile               | <10.0     |              | 10.0  | 2.20  | ug/L |   |          | 11/11/25 22:22 | 1       |
| Benzene                     | <0.500    |              | 0.500 | 0.220 | ug/L |   |          | 11/11/25 22:22 | 1       |
| Bromochloromethane          | <5.00     |              | 5.00  | 1.70  | ug/L |   |          | 11/11/25 22:22 | 1       |
| Bromodichloromethane        | <1.00     |              | 1.00  | 0.390 | ug/L |   |          | 11/11/25 22:22 | 1       |
| Bromoform                   | <5.00     |              | 5.00  | 2.60  | ug/L |   |          | 11/11/25 22:22 | 1       |
| Bromomethane                | <4.00     |              | 4.00  | 1.10  | ug/L |   |          | 11/11/25 22:22 | 1       |
| Carbon disulfide            | <1.00     |              | 1.00  | 0.450 | ug/L |   |          | 11/11/25 22:22 | 1       |
| Carbon tetrachloride        | <2.00     |              | 2.00  | 0.650 | ug/L |   |          | 11/11/25 22:22 | 1       |
| Chlorobenzene               | <1.00     |              | 1.00  | 0.350 | ug/L |   |          | 11/11/25 22:22 | 1       |
| Chlorodibromomethane        | <5.00     |              | 5.00  | 1.50  | ug/L |   |          | 11/11/25 22:22 | 1       |
| Chloroethane                | <4.00     |              | 4.00  | 0.900 | ug/L |   |          | 11/11/25 22:22 | 1       |
| Chloroform                  | <3.00     |              | 3.00  | 1.30  | ug/L |   |          | 11/11/25 22:22 | 1       |
| Chloromethane               | <3.00     |              | 3.00  | 0.610 | ug/L |   |          | 11/11/25 22:22 | 1       |
| cis-1,2-Dichloroethene      | <1.00     |              | 1.00  | 0.550 | ug/L |   |          | 11/11/25 22:22 | 1       |
| cis-1,3-Dichloropropene     | <5.00     |              | 5.00  | 1.20  | ug/L |   |          | 11/11/25 22:22 | 1       |
| Dibromomethane              | <1.00     |              | 1.00  | 0.330 | ug/L |   |          | 11/11/25 22:22 | 1       |
| Ethylbenzene                | <1.00     |              | 1.00  | 0.420 | ug/L |   |          | 11/11/25 22:22 | 1       |
| Iodomethane                 | <10.0     |              | 10.0  | 2.60  | ug/L |   |          | 11/11/25 22:22 | 1       |
| Methylene Chloride          | <5.00     |              | 5.00  | 1.70  | ug/L |   |          | 11/11/25 22:22 | 1       |
| Styrene                     | <1.00     |              | 1.00  | 0.370 | ug/L |   |          | 11/11/25 22:22 | 1       |
| Tetrachloroethene           | <1.00     |              | 1.00  | 0.480 | ug/L |   |          | 11/11/25 22:22 | 1       |
| Toluene                     | <1.00     |              | 1.00  | 0.430 | ug/L |   |          | 11/11/25 22:22 | 1       |
| trans-1,2-Dichloroethene    | <1.00     |              | 1.00  | 0.410 | ug/L |   |          | 11/11/25 22:22 | 1       |
| trans-1,3-Dichloropropene   | <5.00     |              | 5.00  | 2.30  | ug/L |   |          | 11/11/25 22:22 | 1       |
| trans-1,4-Dichloro-2-butene | <10.0     |              | 10.0  | 2.40  | ug/L |   |          | 11/11/25 22:22 | 1       |
| Trichloroethene             | <1.00     |              | 1.00  | 0.350 | ug/L |   |          | 11/11/25 22:22 | 1       |
| Trichlorofluoromethane      | <4.00     |              | 4.00  | 0.470 | ug/L |   |          | 11/11/25 22:22 | 1       |
| Vinyl acetate               | <10.0     |              | 10.0  | 7.10  | ug/L |   |          | 11/11/25 22:22 | 1       |
| Vinyl chloride              | <1.00     |              | 1.00  | 0.430 | ug/L |   |          | 11/11/25 22:22 | 1       |
| Xylenes, Total              | <3.00     |              | 3.00  | 1.10  | ug/L |   |          | 11/11/25 22:22 | 1       |

| Surrogate                   | MB %Recovery | MB Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|-----------------------------|--------------|--------------|----------|----------|----------------|---------|
| Dibromofluoromethane (Surr) | 97           |              | 76 - 130 |          | 11/11/25 22:22 | 1       |
| Toluene-d8 (Surr)           | 94           |              | 80 - 120 |          | 11/11/25 22:22 | 1       |
| 4-Bromofluorobenzene (Surr) | 103          |              | 80 - 120 |          | 11/11/25 22:22 | 1       |

Lab Sample ID: LCS 310-473146/6

Matrix: Water

Analysis Batch: 473146

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        | 19.58      |               | ug/L |   | 98   | 70 - 121    |
| 1,1,1-Trichloroethane     | 20.0        | 19.03      |               | ug/L |   | 95   | 69 - 130    |
| 1,1,2,2-Tetrachloroethane | 20.0        | 18.43      |               | ug/L |   | 92   | 70 - 122    |
| 1,1,2-Trichloroethane     | 20.0        | 18.69      |               | ug/L |   | 93   | 75 - 121    |
| 1,1-Dichloroethane        | 20.0        | 18.58      |               | ug/L |   | 93   | 69 - 127    |

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# QC Sample Results

Client: SCS Engineers  
Project/Site: Clinton County North - 2nd 2025 GW Sampling  
Event

Job ID: 310-320144-1  
SDG: Clinton County North

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

Lab Sample ID: LCS 310-473146/6

Matrix: Water

Analysis Batch: 473146

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                     | Spike<br>Added | LCS<br>Result | LCS<br>Qualifier | Unit | D | %Rec | %Rec<br>Limits |
|-----------------------------|----------------|---------------|------------------|------|---|------|----------------|
| 1,1-Dichloroethene          | 20.0           | 19.83         |                  | ug/L |   | 99   | 64 - 134       |
| 1,2,3-Trichloropropane      | 20.0           | 19.65         |                  | ug/L |   | 98   | 70 - 122       |
| 1,2-Dibromo-3-Chloropropane | 20.0           | 18.18         |                  | ug/L |   | 91   | 62 - 132       |
| 1,2-Dibromoethane (EDB)     | 20.0           | 19.45         |                  | ug/L |   | 97   | 74 - 122       |
| 1,2-Dichlorobenzene         | 20.0           | 19.42         |                  | ug/L |   | 97   | 74 - 120       |
| 1,2-Dichloroethane          | 20.0           | 19.08         |                  | ug/L |   | 95   | 68 - 125       |
| 1,2-Dichloropropane         | 20.0           | 17.83         |                  | ug/L |   | 89   | 72 - 128       |
| 1,4-Dichlorobenzene         | 20.0           | 19.22         |                  | ug/L |   | 96   | 72 - 120       |
| 2-Butanone (MEK)            | 40.0           | 31.76         |                  | ug/L |   | 79   | 60 - 134       |
| 2-Hexanone                  | 40.0           | 30.66         |                  | ug/L |   | 77   | 62 - 139       |
| 4-Methyl-2-pentanone (MIBK) | 40.0           | 32.47         |                  | ug/L |   | 81   | 62 - 136       |
| Acetone                     | 40.0           | 31.62         |                  | ug/L |   | 79   | 59 - 136       |
| Acrylonitrile               | 200            | 185.3         |                  | ug/L |   | 93   | 50 - 150       |
| Benzene                     | 20.0           | 18.89         |                  | ug/L |   | 94   | 71 - 125       |
| Bromochloromethane          | 20.0           | 21.62         |                  | ug/L |   | 108  | 69 - 131       |
| Bromodichloromethane        | 20.0           | 18.48         |                  | ug/L |   | 92   | 70 - 122       |
| Bromoform                   | 20.0           | 19.42         |                  | ug/L |   | 97   | 62 - 122       |
| Carbon disulfide            | 20.0           | 19.39         |                  | ug/L |   | 97   | 58 - 137       |
| Carbon tetrachloride        | 20.0           | 19.10         |                  | ug/L |   | 96   | 63 - 136       |
| Chlorobenzene               | 20.0           | 19.15         |                  | ug/L |   | 96   | 74 - 120       |
| Chlorodibromomethane        | 20.0           | 18.72         |                  | ug/L |   | 94   | 69 - 121       |
| Chloroform                  | 20.0           | 19.15         |                  | ug/L |   | 96   | 72 - 122       |
| cis-1,2-Dichloroethene      | 20.0           | 20.51         |                  | ug/L |   | 103  | 72 - 123       |
| cis-1,3-Dichloropropene     | 20.0           | 16.80         |                  | ug/L |   | 84   | 72 - 123       |
| Dibromomethane              | 20.0           | 19.71         |                  | ug/L |   | 99   | 72 - 122       |
| Ethylbenzene                | 20.0           | 18.65         |                  | ug/L |   | 93   | 75 - 120       |
| Iodomethane                 | 20.0           | 16.08         |                  | ug/L |   | 80   | 18 - 150       |
| Methylene Chloride          | 20.0           | 19.07         |                  | ug/L |   | 95   | 72 - 128       |
| Styrene                     | 20.0           | 19.68         |                  | ug/L |   | 98   | 74 - 122       |
| Tetrachloroethene           | 20.0           | 20.80         |                  | ug/L |   | 104  | 70 - 128       |
| Toluene                     | 20.0           | 18.86         |                  | ug/L |   | 94   | 74 - 120       |
| trans-1,2-Dichloroethene    | 20.0           | 20.60         |                  | ug/L |   | 103  | 67 - 127       |
| trans-1,3-Dichloropropene   | 20.0           | 16.94         |                  | ug/L |   | 85   | 67 - 123       |
| trans-1,4-Dichloro-2-butene | 20.0           | 16.18         |                  | ug/L |   | 81   | 50 - 150       |
| Trichloroethene             | 20.0           | 19.23         |                  | ug/L |   | 96   | 70 - 128       |
| Vinyl acetate               | 40.0           | 29.93         |                  | ug/L |   | 75   | 50 - 150       |
| Xylenes, Total              | 40.0           | 37.75         |                  | ug/L |   | 94   | 74 - 121       |

| Surrogate                   | LCS<br>%Recovery | LCS<br>Qualifier | Limits   |
|-----------------------------|------------------|------------------|----------|
| Dibromofluoromethane (Surr) | 102              |                  | 76 - 130 |
| Toluene-d8 (Surr)           | 97               |                  | 80 - 120 |
| 4-Bromofluorobenzene (Surr) | 101              |                  | 80 - 120 |

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# QC Sample Results

Client: SCS Engineers  
Project/Site: Clinton County North - 2nd 2025 GW Sampling  
Event

Job ID: 310-320144-1  
SDG: Clinton County North

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

Lab Sample ID: LCS 310-473146/7

Matrix: Water

Analysis Batch: 473146

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

| Analyte                | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|------------------------|-------------|------------|---------------|------|---|------|-------------|
| Bromomethane           | 20.0        | 17.63      |               | ug/L |   | 88   | 33 - 138    |
| Chloroethane           | 20.0        | 18.99      |               | ug/L |   | 95   | 59 - 139    |
| Chloromethane          | 20.0        | 18.43      |               | ug/L |   | 92   | 52 - 146    |
| Trichlorofluoromethane | 20.0        | 20.87      |               | ug/L |   | 104  | 55 - 150    |
| Vinyl chloride         | 20.0        | 18.87      |               | ug/L |   | 94   | 60 - 142    |

| Surrogate                   | LCS %Recovery | LCS Qualifier | Limits   |
|-----------------------------|---------------|---------------|----------|
| Dibromofluoromethane (Surr) | 96            |               | 76 - 130 |
| Toluene-d8 (Surr)           | 95            |               | 80 - 120 |
| 4-Bromofluorobenzene (Surr) | 102           |               | 80 - 120 |

Lab Sample ID: 310-320144-1 MS

Matrix: Water

Analysis Batch: 473146

Client Sample ID: MW-06-7R  
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   | <1.00         | F1               | 20.0        | 31.38     | F1           | ug/L |   | 157  | 55 - 121    |
| 1,1,1-Trichloroethane       | <1.00         | F1               | 20.0        | 28.83     | F1           | ug/L |   | 144  | 53 - 130    |
| 1,1,2,2-Tetrachloroethane   | <1.00         | F1               | 20.0        | 30.19     | F1           | ug/L |   | 151  | 55 - 123    |
| 1,1,2-Trichloroethane       | <1.00         | F1               | 20.0        | 28.63     | F1           | ug/L |   | 143  | 60 - 121    |
| 1,1-Dichloroethane          | <1.00         | F1               | 20.0        | 34.80     | F1           | ug/L |   | 174  | 53 - 127    |
| 1,1-Dichloroethene          | <2.00         | F1               | 20.0        | 34.39     | F1           | ug/L |   | 172  | 51 - 134    |
| 1,2,3-Trichloropropane      | <1.00         | F1               | 20.0        | 32.19     | F1           | ug/L |   | 161  | 56 - 122    |
| 1,2-Dibromo-3-Chloropropane | <1.20         | F1               | 20.0        | 35.99     | F1           | ug/L |   | 180  | 44 - 138    |
| 1,2-Dibromoethane (EDB)     | <0.340        | F1               | 20.0        | 30.10     | F1           | ug/L |   | 150  | 60 - 122    |
| 1,2-Dichlorobenzene         | <1.00         | F1               | 20.0        | 33.74     | F1           | ug/L |   | 169  | 60 - 120    |
| 1,2-Dichloroethane          | <1.00         | F1               | 20.0        | 33.53     | F1           | ug/L |   | 168  | 48 - 128    |
| 1,2-Dichloropropane         | <1.00         | F1               | 20.0        | 28.05     | F1           | ug/L |   | 140  | 59 - 128    |
| 1,4-Dichlorobenzene         | <1.00         | F1               | 20.0        | 32.42     | F1           | ug/L |   | 162  | 58 - 120    |
| 2-Butanone (MEK)            | <10.0         | F1               | 40.0        | 50.45     |              | ug/L |   | 126  | 46 - 134    |
| 2-Hexanone                  | <10.0         |                  | 40.0        | 50.33     |              | ug/L |   | 126  | 46 - 141    |
| 4-Methyl-2-pentanone (MIBK) | <10.0         | F1               | 40.0        | 54.23     |              | ug/L |   | 136  | 49 - 138    |
| Acetone                     | <10.0         | F1               | 40.0        | 62.83     | F1           | ug/L |   | 157  | 39 - 141    |
| Acrylonitrile               | <10.0         | F1               | 200         | 340.2     | F1           | ug/L |   | 170  | 41 - 150    |
| Benzene                     | <0.500        | F1               | 20.0        | 30.46     | F1           | ug/L |   | 152  | 48 - 125    |
| Bromochloromethane          | <5.00         | F1               | 20.0        | 40.45     | F1           | ug/L |   | 202  | 55 - 131    |
| Bromodichloromethane        | <1.00         | F1               | 20.0        | 29.90     | F1           | ug/L |   | 150  | 53 - 122    |
| Bromoform                   | <5.00         | F1               | 20.0        | 30.82     | F1           | ug/L |   | 154  | 47 - 122    |
| Carbon disulfide            | <1.00         | F1               | 20.0        | 34.31     | F1           | ug/L |   | 172  | 45 - 137    |
| Carbon tetrachloride        | <2.00         | F1               | 20.0        | 28.07     | F1           | ug/L |   | 140  | 45 - 136    |
| Chlorobenzene               | <1.00         | F1               | 20.0        | 31.92     | F1           | ug/L |   | 160  | 59 - 120    |
| Chlorodibromomethane        | <5.00         | F1               | 20.0        | 27.96     | F1           | ug/L |   | 140  | 53 - 121    |
| Chloroform                  | <3.00         | F1               | 20.0        | 34.80     | F1           | ug/L |   | 174  | 52 - 122    |
| cis-1,2-Dichloroethene      | <1.00         | F1               | 20.0        | 37.86     | F1           | ug/L |   | 189  | 51 - 123    |
| cis-1,3-Dichloropropene     | <5.00         | F1               | 20.0        | 23.86     |              | ug/L |   | 119  | 55 - 123    |
| Dibromomethane              | <1.00         | F1               | 20.0        | 36.17     | F1           | ug/L |   | 181  | 57 - 122    |
| Ethylbenzene                | <1.00         | F1               | 20.0        | 30.69     | F1           | ug/L |   | 153  | 53 - 120    |

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# QC Sample Results

Client: SCS Engineers  
Project/Site: Clinton County North - 2nd 2025 GW Sampling  
Event

Job ID: 310-320144-1  
SDG: Clinton County North

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

Lab Sample ID: 310-320144-1 MS

Matrix: Water

Analysis Batch: 473146

Client Sample ID: MW-06-7R

Prep Type: Total/NA

| Analyte                     | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|-----------------------------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| Iodomethane                 | <10.0         | F1               | 20.0        | 32.09     | F1           | ug/L |   | 160  | 18 - 150    |
| Methylene Chloride          | <5.00         | F1               | 20.0        | 35.31     | F1           | ug/L |   | 177  | 59 - 128    |
| Styrene                     | <1.00         | F1               | 20.0        | 33.81     | F1           | ug/L |   | 169  | 50 - 125    |
| Tetrachloroethene           | <1.00         | F1               | 20.0        | 31.65     | F1           | ug/L |   | 158  | 51 - 128    |
| Toluene                     | <1.00         | F1               | 20.0        | 30.94     | F1           | ug/L |   | 155  | 52 - 120    |
| trans-1,2-Dichloroethene    | <1.00         | F1               | 20.0        | 37.11     | F1           | ug/L |   | 186  | 53 - 127    |
| trans-1,3-Dichloropropene   | <5.00         | F1               | 20.0        | 24.71     | F1           | ug/L |   | 124  | 50 - 123    |
| trans-1,4-Dichloro-2-butene | <10.0         |                  | 20.0        | 24.97     |              | ug/L |   | 125  | 28 - 150    |
| Trichloroethene             | <1.00         | F1               | 20.0        | 29.46     | F1           | ug/L |   | 147  | 50 - 128    |
| Vinyl acetate               | <10.0         |                  | 40.0        | 42.27     |              | ug/L |   | 106  | 31 - 150    |
| Xylenes, Total              | <3.00         | F1               | 40.0        | 63.80     | F1           | ug/L |   | 160  | 50 - 122    |

| Surrogate                   | MS %Recovery | MS Qualifier | Limits   |
|-----------------------------|--------------|--------------|----------|
| Dibromofluoromethane (Surr) | 111          |              | 76 - 130 |
| Toluene-d8 (Surr)           | 97           |              | 80 - 120 |
| 4-Bromofluorobenzene (Surr) | 100          |              | 80 - 120 |

Lab Sample ID: 310-320144-1 MSD

Matrix: Water

Analysis Batch: 473146

Client Sample ID: MW-06-7R

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   | <1.00         | F1               | 20.0        | 34.04      | F1            | ug/L |   | 170  | 55 - 121    | 8   | 20        |
| 1,1,1-Trichloroethane       | <1.00         | F1               | 20.0        | 30.91      | F1            | ug/L |   | 155  | 53 - 130    | 7   | 20        |
| 1,1,2,2-Tetrachloroethane   | <1.00         | F1               | 20.0        | 32.31      | F1            | ug/L |   | 162  | 55 - 123    | 7   | 20        |
| 1,1,2-Trichloroethane       | <1.00         | F1               | 20.0        | 32.86      | F1            | ug/L |   | 164  | 60 - 121    | 14  | 20        |
| 1,1-Dichloroethane          | <1.00         | F1               | 20.0        | 33.03      | F1            | ug/L |   | 165  | 53 - 127    | 5   | 20        |
| 1,1-Dichloroethene          | <2.00         | F1               | 20.0        | 31.79      | F1            | ug/L |   | 159  | 51 - 134    | 8   | 20        |
| 1,2,3-Trichloropropane      | <1.00         | F1               | 20.0        | 34.19      | F1            | ug/L |   | 171  | 56 - 122    | 6   | 21        |
| 1,2-Dibromo-3-Chloropropane | <1.20         | F1               | 20.0        | 35.30      | F1            | ug/L |   | 176  | 44 - 138    | 2   | 24        |
| 1,2-Dibromoethane (EDB)     | <0.340        | F1               | 20.0        | 33.44      | F1            | ug/L |   | 167  | 60 - 122    | 11  | 20        |
| 1,2-Dichlorobenzene         | <1.00         | F1               | 20.0        | 35.90      | F1            | ug/L |   | 180  | 60 - 120    | 6   | 20        |
| 1,2-Dichloroethane          | <1.00         | F1               | 20.0        | 33.66      | F1            | ug/L |   | 168  | 48 - 128    | 0   | 20        |
| 1,2-Dichloropropane         | <1.00         | F1               | 20.0        | 29.99      | F1            | ug/L |   | 150  | 59 - 128    | 7   | 20        |
| 1,4-Dichlorobenzene         | <1.00         | F1               | 20.0        | 34.01      | F1            | ug/L |   | 170  | 58 - 120    | 5   | 20        |
| 2-Butanone (MEK)            | <10.0         | F1               | 40.0        | 55.61      | F1            | ug/L |   | 139  | 46 - 134    | 10  | 23        |
| 2-Hexanone                  | <10.0         |                  | 40.0        | 54.71      |               | ug/L |   | 137  | 46 - 141    | 8   | 20        |
| 4-Methyl-2-pentanone (MIBK) | <10.0         | F1               | 40.0        | 58.94      | F1            | ug/L |   | 147  | 49 - 138    | 8   | 20        |
| Acetone                     | <10.0         | F1               | 40.0        | 60.99      | F1            | ug/L |   | 152  | 39 - 141    | 3   | 23        |
| Acrylonitrile               | <10.0         | F1               | 200         | 331.0      | F1            | ug/L |   | 165  | 41 - 150    | 3   | 20        |
| Benzene                     | <0.500        | F1               | 20.0        | 31.22      | F1            | ug/L |   | 156  | 48 - 125    | 2   | 20        |
| Bromochloromethane          | <5.00         | F1               | 20.0        | 37.14      | F1            | ug/L |   | 186  | 55 - 131    | 9   | 21        |
| Bromodichloromethane        | <1.00         | F1               | 20.0        | 32.22      | F1            | ug/L |   | 161  | 53 - 122    | 7   | 20        |
| Bromoform                   | <5.00         | F1               | 20.0        | 34.52      | F1            | ug/L |   | 173  | 47 - 122    | 11  | 20        |
| Carbon disulfide            | <1.00         | F1               | 20.0        | 29.50      | F1            | ug/L |   | 148  | 45 - 137    | 15  | 24        |
| Carbon tetrachloride        | <2.00         | F1               | 20.0        | 30.60      | F1            | ug/L |   | 153  | 45 - 136    | 9   | 20        |
| Chlorobenzene               | <1.00         | F1               | 20.0        | 32.70      | F1            | ug/L |   | 163  | 59 - 120    | 2   | 20        |

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# QC Sample Results

Client: SCS Engineers  
Project/Site: Clinton County North - 2nd 2025 GW Sampling  
Event

Job ID: 310-320144-1  
SDG: Clinton County North

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

Lab Sample ID: 310-320144-1 MSD

Matrix: Water

Analysis Batch: 473146

Client Sample ID: MW-06-7R

Prep Type: Total/NA

| Analyte                     | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|-----------------------------|---------------|------------------|-------------|------------|---------------|------|---|------|-------------|-----|-----------|
| Chlorodibromomethane        | <5.00         | F1               | 20.0        | 32.67      | F1            | ug/L |   | 163  | 53 - 121    | 16  | 20        |
| Chloroform                  | <3.00         | F1               | 20.0        | 32.57      | F1            | ug/L |   | 163  | 52 - 122    | 7   | 20        |
| cis-1,2-Dichloroethene      | <1.00         | F1               | 20.0        | 35.23      | F1            | ug/L |   | 176  | 51 - 123    | 7   | 20        |
| cis-1,3-Dichloropropene     | <5.00         | F1               | 20.0        | 27.71      | F1            | ug/L |   | 139  | 55 - 123    | 15  | 20        |
| Dibromomethane              | <1.00         | F1               | 20.0        | 35.62      | F1            | ug/L |   | 178  | 57 - 122    | 2   | 20        |
| Ethylbenzene                | <1.00         | F1               | 20.0        | 31.83      | F1            | ug/L |   | 159  | 53 - 120    | 4   | 20        |
| Iodomethane                 | <10.0         | F1               | 20.0        | 32.25      | F1            | ug/L |   | 161  | 18 - 150    | 1   | 32        |
| Methylene Chloride          | <5.00         | F1               | 20.0        | 32.50      | F1            | ug/L |   | 163  | 59 - 128    | 8   | 20        |
| Styrene                     | <1.00         | F1               | 20.0        | 34.78      | F1            | ug/L |   | 174  | 50 - 125    | 3   | 20        |
| Tetrachloroethene           | <1.00         | F1               | 20.0        | 33.33      | F1            | ug/L |   | 167  | 51 - 128    | 5   | 20        |
| Toluene                     | <1.00         | F1               | 20.0        | 31.45      | F1            | ug/L |   | 157  | 52 - 120    | 2   | 20        |
| trans-1,2-Dichloroethene    | <1.00         | F1               | 20.0        | 33.82      | F1            | ug/L |   | 169  | 53 - 127    | 9   | 20        |
| trans-1,3-Dichloropropene   | <5.00         | F1               | 20.0        | 28.72      | F1            | ug/L |   | 144  | 50 - 123    | 15  | 20        |
| trans-1,4-Dichloro-2-butene | <10.0         |                  | 20.0        | 26.32      |               | ug/L |   | 132  | 28 - 150    | 5   | 24        |
| Trichloroethene             | <1.00         | F1               | 20.0        | 30.94      | F1            | ug/L |   | 155  | 50 - 128    | 5   | 20        |
| Vinyl acetate               | <10.0         |                  | 40.0        | 49.06      |               | ug/L |   | 123  | 31 - 150    | 15  | 25        |
| Xylenes, Total              | <3.00         | F1               | 40.0        | 65.46      | F1            | ug/L |   | 164  | 50 - 122    | 3   | 20        |

| Surrogate                   | MSD %Recovery | MSD Qualifier | Limits   |
|-----------------------------|---------------|---------------|----------|
| Dibromofluoromethane (Surr) | 103           |               | 76 - 130 |
| Toluene-d8 (Surr)           | 97            |               | 80 - 120 |
| 4-Bromofluorobenzene (Surr) | 101           |               | 80 - 120 |

Lab Sample ID: MB 310-473296/5

Matrix: Water

Analysis Batch: 473296

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   | <1.00     |              | 1.00  | 0.380 | ug/L |   |          | 11/12/25 13:48 | 1       |
| 1,1,1-Trichloroethane       | <1.00     |              | 1.00  | 0.420 | ug/L |   |          | 11/12/25 13:48 | 1       |
| 1,1,2,2-Tetrachloroethane   | <1.00     |              | 1.00  | 0.350 | ug/L |   |          | 11/12/25 13:48 | 1       |
| 1,1,2-Trichloroethane       | <1.00     |              | 1.00  | 0.330 | ug/L |   |          | 11/12/25 13:48 | 1       |
| 1,1-Dichloroethane          | <1.00     |              | 1.00  | 0.400 | ug/L |   |          | 11/12/25 13:48 | 1       |
| 1,1-Dichloroethene          | <2.00     |              | 2.00  | 0.460 | ug/L |   |          | 11/12/25 13:48 | 1       |
| 1,2,3-Trichloropropane      | <1.00     |              | 1.00  | 0.430 | ug/L |   |          | 11/12/25 13:48 | 1       |
| 1,2-Dibromo-3-Chloropropane | <1.20     |              | 1.20  | 1.20  | ug/L |   |          | 11/12/25 13:48 | 1       |
| 1,2-Dibromoethane (EDB)     | <0.340    |              | 0.340 | 0.340 | ug/L |   |          | 11/12/25 13:48 | 1       |
| 1,2-Dichlorobenzene         | <1.00     |              | 1.00  | 0.370 | ug/L |   |          | 11/12/25 13:48 | 1       |
| 1,2-Dichloroethane          | <1.00     |              | 1.00  | 0.890 | ug/L |   |          | 11/12/25 13:48 | 1       |
| 1,2-Dichloropropane         | <1.00     |              | 1.00  | 0.380 | ug/L |   |          | 11/12/25 13:48 | 1       |
| 1,4-Dichlorobenzene         | <1.00     |              | 1.00  | 0.490 | ug/L |   |          | 11/12/25 13:48 | 1       |
| 2-Butanone (MEK)            | <10.0     |              | 10.0  | 3.40  | ug/L |   |          | 11/12/25 13:48 | 1       |
| 2-Hexanone                  | <10.0     |              | 10.0  | 3.80  | ug/L |   |          | 11/12/25 13:48 | 1       |
| 4-Methyl-2-pentanone (MIBK) | <10.0     |              | 10.0  | 3.50  | ug/L |   |          | 11/12/25 13:48 | 1       |
| Acetone                     | <10.0     |              | 10.0  | 3.80  | ug/L |   |          | 11/12/25 13:48 | 1       |
| Acrylonitrile               | <10.0     |              | 10.0  | 2.20  | ug/L |   |          | 11/12/25 13:48 | 1       |
| Benzene                     | <0.500    |              | 0.500 | 0.220 | ug/L |   |          | 11/12/25 13:48 | 1       |

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# QC Sample Results

Client: SCS Engineers  
Project/Site: Clinton County North - 2nd 2025 GW Sampling  
Event

Job ID: 310-320144-1  
SDG: Clinton County North

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

Lab Sample ID: MB 310-473296/5

Matrix: Water

Analysis Batch: 473296

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                     | MB Result | MB Qualifier | RL   | MDL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|--------------|------|-------|------|---|----------|----------------|---------|
| Bromochloromethane          | <5.00     |              | 5.00 | 1.70  | ug/L |   |          | 11/12/25 13:48 | 1       |
| Bromodichloromethane        | <1.00     |              | 1.00 | 0.390 | ug/L |   |          | 11/12/25 13:48 | 1       |
| Bromoform                   | <5.00     |              | 5.00 | 2.60  | ug/L |   |          | 11/12/25 13:48 | 1       |
| Bromomethane                | <4.00     |              | 4.00 | 1.10  | ug/L |   |          | 11/12/25 13:48 | 1       |
| Carbon disulfide            | <1.00     |              | 1.00 | 0.450 | ug/L |   |          | 11/12/25 13:48 | 1       |
| Carbon tetrachloride        | <2.00     |              | 2.00 | 0.650 | ug/L |   |          | 11/12/25 13:48 | 1       |
| Chlorobenzene               | <1.00     |              | 1.00 | 0.350 | ug/L |   |          | 11/12/25 13:48 | 1       |
| Chlorodibromomethane        | <5.00     |              | 5.00 | 1.50  | ug/L |   |          | 11/12/25 13:48 | 1       |
| Chloroethane                | <4.00     |              | 4.00 | 0.900 | ug/L |   |          | 11/12/25 13:48 | 1       |
| Chloroform                  | <3.00     |              | 3.00 | 1.30  | ug/L |   |          | 11/12/25 13:48 | 1       |
| Chloromethane               | <3.00     |              | 3.00 | 0.610 | ug/L |   |          | 11/12/25 13:48 | 1       |
| cis-1,2-Dichloroethene      | <1.00     |              | 1.00 | 0.550 | ug/L |   |          | 11/12/25 13:48 | 1       |
| cis-1,3-Dichloropropene     | <5.00     |              | 5.00 | 1.20  | ug/L |   |          | 11/12/25 13:48 | 1       |
| Dibromomethane              | <1.00     |              | 1.00 | 0.330 | ug/L |   |          | 11/12/25 13:48 | 1       |
| Ethylbenzene                | <1.00     |              | 1.00 | 0.420 | ug/L |   |          | 11/12/25 13:48 | 1       |
| Iodomethane                 | <10.0     |              | 10.0 | 2.60  | ug/L |   |          | 11/12/25 13:48 | 1       |
| Methylene Chloride          | <5.00     |              | 5.00 | 1.70  | ug/L |   |          | 11/12/25 13:48 | 1       |
| Styrene                     | <1.00     |              | 1.00 | 0.370 | ug/L |   |          | 11/12/25 13:48 | 1       |
| Tetrachloroethene           | <1.00     |              | 1.00 | 0.480 | ug/L |   |          | 11/12/25 13:48 | 1       |
| Toluene                     | <1.00     |              | 1.00 | 0.430 | ug/L |   |          | 11/12/25 13:48 | 1       |
| trans-1,2-Dichloroethene    | <1.00     |              | 1.00 | 0.410 | ug/L |   |          | 11/12/25 13:48 | 1       |
| trans-1,3-Dichloropropene   | <5.00     |              | 5.00 | 2.30  | ug/L |   |          | 11/12/25 13:48 | 1       |
| trans-1,4-Dichloro-2-butene | <10.0     |              | 10.0 | 2.40  | ug/L |   |          | 11/12/25 13:48 | 1       |
| Trichloroethene             | <1.00     |              | 1.00 | 0.350 | ug/L |   |          | 11/12/25 13:48 | 1       |
| Trichlorofluoromethane      | <4.00     |              | 4.00 | 0.470 | ug/L |   |          | 11/12/25 13:48 | 1       |
| Vinyl acetate               | <10.0     |              | 10.0 | 7.10  | ug/L |   |          | 11/12/25 13:48 | 1       |
| Vinyl chloride              | <1.00     |              | 1.00 | 0.430 | ug/L |   |          | 11/12/25 13:48 | 1       |
| Xylenes, Total              | <3.00     |              | 3.00 | 1.10  | ug/L |   |          | 11/12/25 13:48 | 1       |

| Surrogate                   | MB %Recovery | MB Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|-----------------------------|--------------|--------------|----------|----------|----------------|---------|
| Dibromofluoromethane (Surr) | 103          |              | 76 - 130 |          | 11/12/25 13:48 | 1       |
| Toluene-d8 (Surr)           | 102          |              | 80 - 120 |          | 11/12/25 13:48 | 1       |
| 4-Bromofluorobenzene (Surr) | 109          |              | 80 - 120 |          | 11/12/25 13:48 | 1       |

Lab Sample ID: LCS 310-473296/6

Matrix: Water

Analysis Batch: 473296

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        | 21.44      |               | ug/L |   | 107  | 70 - 121    |
| 1,1,1-Trichloroethane       | 20.0        | 19.89      |               | ug/L |   | 99   | 69 - 130    |
| 1,1,2,2-Tetrachloroethane   | 20.0        | 21.60      |               | ug/L |   | 108  | 70 - 122    |
| 1,1,2-Trichloroethane       | 20.0        | 20.60      |               | ug/L |   | 103  | 75 - 121    |
| 1,1-Dichloroethane          | 20.0        | 20.80      |               | ug/L |   | 104  | 69 - 127    |
| 1,1-Dichloroethene          | 20.0        | 22.53      |               | ug/L |   | 113  | 64 - 134    |
| 1,2,3-Trichloropropane      | 20.0        | 23.21      |               | ug/L |   | 116  | 70 - 122    |
| 1,2-Dibromo-3-Chloropropane | 20.0        | 23.51      |               | ug/L |   | 118  | 62 - 132    |

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# QC Sample Results

Client: SCS Engineers  
Project/Site: Clinton County North - 2nd 2025 GW Sampling  
Event

Job ID: 310-320144-1  
SDG: Clinton County North

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

Lab Sample ID: LCS 310-473296/6

Matrix: Water

Analysis Batch: 473296

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                     | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|-----------------------------|-------------|------------|---------------|------|---|------|-------------|
| 1,2-Dibromoethane (EDB)     | 20.0        | 21.48      |               | ug/L |   | 107  | 74 - 122    |
| 1,2-Dichlorobenzene         | 20.0        | 23.14      |               | ug/L |   | 116  | 74 - 120    |
| 1,2-Dichloroethane          | 20.0        | 18.98      |               | ug/L |   | 95   | 68 - 125    |
| 1,2-Dichloropropane         | 20.0        | 19.30      |               | ug/L |   | 97   | 72 - 128    |
| 1,4-Dichlorobenzene         | 20.0        | 23.07      |               | ug/L |   | 115  | 72 - 120    |
| 2-Butanone (MEK)            | 40.0        | 38.95      |               | ug/L |   | 97   | 60 - 134    |
| 2-Hexanone                  | 40.0        | 39.60      |               | ug/L |   | 99   | 62 - 139    |
| 4-Methyl-2-pentanone (MIBK) | 40.0        | 38.33      |               | ug/L |   | 96   | 62 - 136    |
| Acetone                     | 40.0        | 37.60      |               | ug/L |   | 94   | 59 - 136    |
| Acrylonitrile               | 200         | 202.1      |               | ug/L |   | 101  | 50 - 150    |
| Benzene                     | 20.0        | 19.71      |               | ug/L |   | 99   | 71 - 125    |
| Bromochloromethane          | 20.0        | 20.44      |               | ug/L |   | 102  | 69 - 131    |
| Bromodichloromethane        | 20.0        | 19.50      |               | ug/L |   | 97   | 70 - 122    |
| Bromoform                   | 20.0        | 20.32      |               | ug/L |   | 102  | 62 - 122    |
| Carbon disulfide            | 20.0        | 21.41      |               | ug/L |   | 107  | 58 - 137    |
| Carbon tetrachloride        | 20.0        | 21.02      |               | ug/L |   | 105  | 63 - 136    |
| Chlorobenzene               | 20.0        | 21.46      |               | ug/L |   | 107  | 74 - 120    |
| Chlorodibromomethane        | 20.0        | 21.24      |               | ug/L |   | 106  | 69 - 121    |
| Chloroform                  | 20.0        | 19.44      |               | ug/L |   | 97   | 72 - 122    |
| cis-1,2-Dichloroethene      | 20.0        | 20.78      |               | ug/L |   | 104  | 72 - 123    |
| cis-1,3-Dichloropropene     | 20.0        | 19.91      |               | ug/L |   | 100  | 72 - 123    |
| Dibromomethane              | 20.0        | 19.85      |               | ug/L |   | 99   | 72 - 122    |
| Ethylbenzene                | 20.0        | 22.22      |               | ug/L |   | 111  | 75 - 120    |
| Iodomethane                 | 20.0        | 20.77      |               | ug/L |   | 104  | 18 - 150    |
| Methylene Chloride          | 20.0        | 21.98      |               | ug/L |   | 110  | 72 - 128    |
| Styrene                     | 20.0        | 21.61      |               | ug/L |   | 108  | 74 - 122    |
| Tetrachloroethene           | 20.0        | 23.17      |               | ug/L |   | 116  | 70 - 128    |
| Toluene                     | 20.0        | 21.49      |               | ug/L |   | 107  | 74 - 120    |
| trans-1,2-Dichloroethene    | 20.0        | 21.61      |               | ug/L |   | 108  | 67 - 127    |
| trans-1,3-Dichloropropene   | 20.0        | 17.94      |               | ug/L |   | 90   | 67 - 123    |
| trans-1,4-Dichloro-2-butene | 20.0        | 18.78      |               | ug/L |   | 94   | 50 - 150    |
| Trichloroethene             | 20.0        | 19.75      |               | ug/L |   | 99   | 70 - 128    |
| Vinyl acetate               | 40.0        | 34.87      |               | ug/L |   | 87   | 50 - 150    |
| Xylenes, Total              | 40.0        | 43.57      |               | ug/L |   | 109  | 74 - 121    |

| Surrogate                   | LCS %Recovery | LCS Qualifier | Limits   |
|-----------------------------|---------------|---------------|----------|
| Dibromofluoromethane (Surr) | 98            |               | 76 - 130 |
| Toluene-d8 (Surr)           | 104           |               | 80 - 120 |
| 4-Bromofluorobenzene (Surr) | 101           |               | 80 - 120 |

Lab Sample ID: LCS 310-473296/7

Matrix: Water

Analysis Batch: 473296

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        | 26.01      |               | ug/L |   | 130  | 33 - 138    |
| Chloroethane | 20.0        | 21.55      |               | ug/L |   | 108  | 59 - 139    |

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# QC Sample Results

Client: SCS Engineers  
Project/Site: Clinton County North - 2nd 2025 GW Sampling  
Event

Job ID: 310-320144-1  
SDG: Clinton County North

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

Lab Sample ID: LCS 310-473296/7

Matrix: Water

Analysis Batch: 473296

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|------------------------|-------------|------------|---------------|------|---|------|-------------|
| Chloromethane          | 20.0        | 21.55      |               | ug/L |   | 108  | 52 - 146    |
| Trichlorofluoromethane | 20.0        | 22.64      |               | ug/L |   | 113  | 55 - 150    |
| Vinyl chloride         | 20.0        | 20.58      |               | ug/L |   | 103  | 60 - 142    |

| Surrogate                   | LCS %Recovery | LCS Qualifier | Limits   |
|-----------------------------|---------------|---------------|----------|
| Dibromofluoromethane (Surr) | 103           |               | 76 - 130 |
| Toluene-d8 (Surr)           | 101           |               | 80 - 120 |
| 4-Bromofluorobenzene (Surr) | 109           |               | 80 - 120 |

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

Lab Sample ID: MB 310-472992/1-A

Matrix: Water

Analysis Batch: 473872

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 472992

| Analyte   | MB Result | MB Qualifier | RL       | MDL      | Unit | D | Prepared       | Analyzed       | Dil Fac |
|-----------|-----------|--------------|----------|----------|------|---|----------------|----------------|---------|
| Antimony  | <0.00200  |              | 0.00200  | 0.00100  | mg/L |   | 11/11/25 08:30 | 11/17/25 15:42 | 1       |
| Beryllium | <0.00100  |              | 0.00100  | 0.000330 | mg/L |   | 11/11/25 08:30 | 11/17/25 15:42 | 1       |
| Cadmium   | <0.000200 |              | 0.000200 | 0.000100 | mg/L |   | 11/11/25 08:30 | 11/17/25 15:42 | 1       |
| Lead      | <0.000500 |              | 0.000500 | 0.000330 | mg/L |   | 11/11/25 08:30 | 11/17/25 15:42 | 1       |
| Silver    | <0.00100  |              | 0.00100  | 0.000500 | mg/L |   | 11/11/25 08:30 | 11/17/25 15:42 | 1       |
| Thallium  | <0.00100  |              | 0.00100  | 0.000570 | mg/L |   | 11/11/25 08:30 | 11/17/25 15:42 | 1       |

Lab Sample ID: MB 310-472992/1-A

Matrix: Water

Analysis Batch: 474049

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 472992

| Analyte  | MB Result | MB Qualifier | RL       | MDL      | Unit | D | Prepared       | Analyzed       | Dil Fac |
|----------|-----------|--------------|----------|----------|------|---|----------------|----------------|---------|
| Arsenic  | <0.00200  |              | 0.00200  | 0.000530 | mg/L |   | 11/11/25 08:30 | 11/18/25 15:50 | 1       |
| Barium   | <0.00200  |              | 0.00200  | 0.000660 | mg/L |   | 11/11/25 08:30 | 11/18/25 15:50 | 1       |
| Chromium | <0.00500  |              | 0.00500  | 0.00180  | mg/L |   | 11/11/25 08:30 | 11/18/25 15:50 | 1       |
| Cobalt   | <0.000500 |              | 0.000500 | 0.000170 | mg/L |   | 11/11/25 08:30 | 11/18/25 15:50 | 1       |
| Copper   | <0.00500  |              | 0.00500  | 0.00320  | mg/L |   | 11/11/25 08:30 | 11/18/25 15:50 | 1       |
| Nickel   | <0.00500  |              | 0.00500  | 0.00230  | mg/L |   | 11/11/25 08:30 | 11/18/25 15:50 | 1       |
| Selenium | <0.00500  |              | 0.00500  | 0.00140  | mg/L |   | 11/11/25 08:30 | 11/18/25 15:50 | 1       |
| Vanadium | <0.00500  |              | 0.00500  | 0.00170  | mg/L |   | 11/11/25 08:30 | 11/18/25 15:50 | 1       |
| Zinc     | <0.0200   |              | 0.0200   | 0.0130   | mg/L |   | 11/11/25 08:30 | 11/18/25 15:50 | 1       |

Lab Sample ID: LCS 310-472992/2-A

Matrix: Water

Analysis Batch: 473872

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 472992

| Analyte   | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|-----------|-------------|------------|---------------|------|---|------|-------------|
| Antimony  | 0.200       | 0.2111     |               | mg/L |   | 106  | 80 - 120    |
| Beryllium | 0.100       | 0.09787    |               | mg/L |   | 98   | 80 - 120    |
| Cadmium   | 0.100       | 0.09727    |               | mg/L |   | 97   | 80 - 120    |
| Lead      | 0.200       | 0.1807     |               | mg/L |   | 90   | 80 - 120    |
| Silver    | 0.100       | 0.1144     |               | mg/L |   | 114  | 80 - 120    |

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# QC Sample Results

Client: SCS Engineers  
Project/Site: Clinton County North - 2nd 2025 GW Sampling  
Event

Job ID: 310-320144-1  
SDG: Clinton County North

## Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 310-472992/2-A  
Matrix: Water  
Analysis Batch: 473872

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 472992

| Analyte  | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------|-------------|------------|---------------|------|---|------|-------------|
| Thallium | 0.100       | 0.09320    |               | mg/L |   | 93   | 80 - 120    |

Lab Sample ID: LCS 310-472992/2-A  
Matrix: Water  
Analysis Batch: 474049

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 472992

| Analyte  | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------|-------------|------------|---------------|------|---|------|-------------|
| Arsenic  | 0.200       | 0.1985     |               | mg/L |   | 99   | 80 - 120    |
| Barium   | 0.100       | 0.1030     |               | mg/L |   | 103  | 80 - 120    |
| Chromium | 0.100       | 0.1005     |               | mg/L |   | 101  | 80 - 120    |
| Cobalt   | 0.100       | 0.1013     |               | mg/L |   | 101  | 80 - 120    |
| Copper   | 0.200       | 0.1911     |               | mg/L |   | 96   | 80 - 120    |
| Nickel   | 0.200       | 0.2027     |               | mg/L |   | 101  | 80 - 120    |
| Selenium | 0.400       | 0.3869     |               | mg/L |   | 97   | 80 - 120    |
| Vanadium | 0.100       | 0.1022     |               | mg/L |   | 102  | 80 - 120    |
| Zinc     | 0.200       | 0.1944     |               | mg/L |   | 97   | 80 - 120    |

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

Lab Sample ID: MB 310-472965/1  
Matrix: Water  
Analysis Batch: 472965

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

| Analyte                | MB Result | MB Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------|-----------|--------------|------|------|------|---|----------|----------------|---------|
| Total Suspended Solids | <5.00     |              | 5.00 | 3.50 | mg/L |   |          | 11/10/25 11:29 | 1       |

Lab Sample ID: LCS 310-472965/2  
Matrix: Water  
Analysis Batch: 472965

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: MB 310-473103/1  
Matrix: Water  
Analysis Batch: 473103

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

| Analyte                | MB Result | MB Qualifier | RL   | MDL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------|-----------|--------------|------|------|------|---|----------|----------------|---------|
| Total Suspended Solids | <5.00     |              | 5.00 | 3.50 | mg/L |   |          | 11/11/25 09:56 | 1       |

Lab Sample ID: LCS 310-473103/2  
Matrix: Water  
Analysis Batch: 473103

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         | 94.00      |               | mg/L |   | 94   | 82 - 117    |

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# QC Association Summary

Client: SCS Engineers  
Project/Site: Clinton County North - 2nd 2025 GW Sampling  
Event

Job ID: 310-320144-1  
SDG: Clinton County North

## GC/MS VOA

### Analysis Batch: 472998

| Lab Sample ID    | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|------------------|--------------------|-----------|--------|--------|------------|
| 310-320144-9     | Trip Blank         | Total/NA  | Water  | 8260D  |            |
| MB 310-472998/5  | Method Blank       | Total/NA  | Water  | 8260D  |            |
| LCS 310-472998/6 | Lab Control Sample | Total/NA  | Water  | 8260D  |            |
| LCS 310-472998/7 | Lab Control Sample | Total/NA  | Water  | 8260D  |            |

### Analysis Batch: 473146

| Lab Sample ID    | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|------------------|--------------------|-----------|--------|--------|------------|
| 310-320144-1     | MW-06-7R           | Total/NA  | Water  | 8260D  |            |
| 310-320144-2     | MW-90-5            | Total/NA  | Water  | 8260D  |            |
| 310-320144-3     | MW-90-13           | Total/NA  | Water  | 8260D  |            |
| 310-320144-4     | MW-03-16           | Total/NA  | Water  | 8260D  |            |
| 310-320144-5     | PZ-R3              | Total/NA  | Water  | 8260D  |            |
| 310-320144-6     | PZ-R4              | Total/NA  | Water  | 8260D  |            |
| 310-320144-8     | MW-D               | Total/NA  | Water  | 8260D  |            |
| MB 310-473146/5  | Method Blank       | Total/NA  | Water  | 8260D  |            |
| LCS 310-473146/6 | Lab Control Sample | Total/NA  | Water  | 8260D  |            |
| LCS 310-473146/7 | Lab Control Sample | Total/NA  | Water  | 8260D  |            |
| 310-320144-1 MS  | MW-06-7R           | Total/NA  | Water  | 8260D  |            |
| 310-320144-1 MSD | MW-06-7R           | Total/NA  | Water  | 8260D  |            |

### Analysis Batch: 473296

| Lab Sample ID    | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|------------------|--------------------|-----------|--------|--------|------------|
| 310-320144-1     | MW-06-7R           | Total/NA  | Water  | 8260D  |            |
| 310-320144-2     | MW-90-5            | Total/NA  | Water  | 8260D  |            |
| 310-320144-3     | MW-90-13           | Total/NA  | Water  | 8260D  |            |
| 310-320144-4     | MW-03-16           | Total/NA  | Water  | 8260D  |            |
| 310-320144-5     | PZ-R3              | Total/NA  | Water  | 8260D  |            |
| 310-320144-6     | PZ-R4              | Total/NA  | Water  | 8260D  |            |
| 310-320144-8     | MW-D               | Total/NA  | Water  | 8260D  |            |
| MB 310-473296/5  | Method Blank       | Total/NA  | Water  | 8260D  |            |
| LCS 310-473296/6 | Lab Control Sample | Total/NA  | Water  | 8260D  |            |
| LCS 310-473296/7 | Lab Control Sample | Total/NA  | Water  | 8260D  |            |

## Metals

### Prep Batch: 472992

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 310-320144-1       | MW-06-7R           | Total/NA  | Water  | 3005A  |            |
| 310-320144-4       | MW-03-16           | Total/NA  | Water  | 3005A  |            |
| 310-320144-5       | PZ-R3              | Total/NA  | Water  | 3005A  |            |
| 310-320144-6       | PZ-R4              | Total/NA  | Water  | 3005A  |            |
| 310-320144-7       | MW-06-6R           | Total/NA  | Water  | 3005A  |            |
| 310-320144-8       | MW-D               | Total/NA  | Water  | 3005A  |            |
| MB 310-472992/1-A  | Method Blank       | Total/NA  | Water  | 3005A  |            |
| LCS 310-472992/2-A | Lab Control Sample | Total/NA  | Water  | 3005A  |            |

### Analysis Batch: 473872

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 310-320144-1  | MW-06-7R         | Total/NA  | Water  | 6020B  | 472992     |
| 310-320144-4  | MW-03-16         | Total/NA  | Water  | 6020B  | 472992     |

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# QC Association Summary

Client: SCS Engineers  
Project/Site: Clinton County North - 2nd 2025 GW Sampling  
Event

Job ID: 310-320144-1  
SDG: Clinton County North

## Metals (Continued)

### Analysis Batch: 473872 (Continued)

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 310-320144-5       | PZ-R3              | Total/NA  | Water  | 6020B  | 472992     |
| 310-320144-6       | PZ-R4              | Total/NA  | Water  | 6020B  | 472992     |
| 310-320144-7       | MW-06-6R           | Total/NA  | Water  | 6020B  | 472992     |
| 310-320144-8       | MW-D               | Total/NA  | Water  | 6020B  | 472992     |
| MB 310-472992/1-A  | Method Blank       | Total/NA  | Water  | 6020B  | 472992     |
| LCS 310-472992/2-A | Lab Control Sample | Total/NA  | Water  | 6020B  | 472992     |

### Analysis Batch: 474049

| Lab Sample ID      | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 310-320144-1       | MW-06-7R           | Total/NA  | Water  | 6020B  | 472992     |
| 310-320144-4       | MW-03-16           | Total/NA  | Water  | 6020B  | 472992     |
| 310-320144-6       | PZ-R4              | Total/NA  | Water  | 6020B  | 472992     |
| 310-320144-8       | MW-D               | Total/NA  | Water  | 6020B  | 472992     |
| MB 310-472992/1-A  | Method Blank       | Total/NA  | Water  | 6020B  | 472992     |
| LCS 310-472992/2-A | Lab Control Sample | Total/NA  | Water  | 6020B  | 472992     |

### Analysis Batch: 474502

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 310-320144-1  | MW-06-7R         | Total/NA  | Water  | 6020B  | 472992     |
| 310-320144-4  | MW-03-16         | Total/NA  | Water  | 6020B  | 472992     |

## General Chemistry

### Analysis Batch: 472965

| Lab Sample ID    | Client Sample ID   | Prep Type | Matrix | Method    | Prep Batch |
|------------------|--------------------|-----------|--------|-----------|------------|
| 310-320144-1     | MW-06-7R           | Total/NA  | Water  | I-3765-85 |            |
| 310-320144-4     | MW-03-16           | Total/NA  | Water  | I-3765-85 |            |
| 310-320144-5     | PZ-R3              | Total/NA  | Water  | I-3765-85 |            |
| 310-320144-6     | PZ-R4              | Total/NA  | Water  | I-3765-85 |            |
| 310-320144-8     | MW-D               | Total/NA  | Water  | I-3765-85 |            |
| MB 310-472965/1  | Method Blank       | Total/NA  | Water  | I-3765-85 |            |
| LCS 310-472965/2 | Lab Control Sample | Total/NA  | Water  | I-3765-85 |            |

### Analysis Batch: 473103

| Lab Sample ID    | Client Sample ID   | Prep Type | Matrix | Method    | Prep Batch |
|------------------|--------------------|-----------|--------|-----------|------------|
| 310-320144-7     | MW-06-6R           | Total/NA  | Water  | I-3765-85 |            |
| MB 310-473103/1  | Method Blank       | Total/NA  | Water  | I-3765-85 |            |
| LCS 310-473103/2 | Lab Control Sample | Total/NA  | Water  | I-3765-85 |            |

# Lab Chronicle

Client: SCS Engineers  
Project/Site: Clinton County North - 2nd 2025 GW Sampling  
Event

Job ID: 310-320144-1  
SDG: Clinton County North

**Client Sample ID: MW-06-7R**

**Lab Sample ID: 310-320144-1**

**Date Collected: 11/05/25 11:28**

**Matrix: Water**

**Date Received: 11/07/25 17:30**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab    | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|--------|----------------------|
| Total/NA  | Analysis   | 8260D        |     | 1               | 473296       | FE5V    | EET CF | 11/12/25 17:59       |
| Total/NA  | Analysis   | 8260D        |     | 1               | 473146       | FE5V    | EET CF | 11/12/25 03:11       |
| Total/NA  | Prep       | 3005A        |     |                 | 472992       | RLT9    | EET CF | 11/11/25 08:30       |
| Total/NA  | Analysis   | 6020B        |     | 1               | 473872       | NFT2    | EET CF | 11/17/25 16:31       |
| Total/NA  | Prep       | 3005A        |     |                 | 472992       | RLT9    | EET CF | 11/11/25 08:30       |
| Total/NA  | Analysis   | 6020B        |     | 1               | 474049       | NFT2    | EET CF | 11/18/25 16:41       |
| Total/NA  | Prep       | 3005A        |     |                 | 472992       | RLT9    | EET CF | 11/11/25 08:30       |
| Total/NA  | Analysis   | 6020B        |     | 1               | 474502       | ZRI4    | EET CF | 11/21/25 15:38       |
| Total/NA  | Analysis   | I-3765-85    |     | 1               | 472965       | DGU1    | EET CF | 11/10/25 11:29       |

**Client Sample ID: MW-90-5**

**Lab Sample ID: 310-320144-2**

**Date Collected: 11/06/25 15:51**

**Matrix: Water**

**Date Received: 11/07/25 17:30**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab    | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|--------|----------------------|
| Total/NA  | Analysis   | 8260D        |     | 1               | 473296       | FE5V    | EET CF | 11/12/25 18:21       |
| Total/NA  | Analysis   | 8260D        |     | 1               | 473146       | FE5V    | EET CF | 11/12/25 03:33       |

**Client Sample ID: MW-90-13**

**Lab Sample ID: 310-320144-3**

**Date Collected: 11/05/25 07:58**

**Matrix: Water**

**Date Received: 11/07/25 17:30**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab    | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|--------|----------------------|
| Total/NA  | Analysis   | 8260D        |     | 1               | 473296       | FE5V    | EET CF | 11/12/25 18:44       |
| Total/NA  | Analysis   | 8260D        |     | 1               | 473146       | FE5V    | EET CF | 11/12/25 03:55       |

**Client Sample ID: MW-03-16**

**Lab Sample ID: 310-320144-4**

**Date Collected: 11/05/25 08:50**

**Matrix: Water**

**Date Received: 11/07/25 17:30**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab    | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|--------|----------------------|
| Total/NA  | Analysis   | 8260D        |     | 1               | 473296       | FE5V    | EET CF | 11/12/25 19:07       |
| Total/NA  | Analysis   | 8260D        |     | 1               | 473146       | FE5V    | EET CF | 11/12/25 04:18       |
| Total/NA  | Prep       | 3005A        |     |                 | 472992       | RLT9    | EET CF | 11/11/25 08:30       |
| Total/NA  | Analysis   | 6020B        |     | 1               | 473872       | NFT2    | EET CF | 11/17/25 16:34       |
| Total/NA  | Prep       | 3005A        |     |                 | 472992       | RLT9    | EET CF | 11/11/25 08:30       |
| Total/NA  | Analysis   | 6020B        |     | 1               | 474049       | NFT2    | EET CF | 11/18/25 16:43       |
| Total/NA  | Prep       | 3005A        |     |                 | 472992       | RLT9    | EET CF | 11/11/25 08:30       |
| Total/NA  | Analysis   | 6020B        |     | 1               | 474502       | ZRI4    | EET CF | 11/21/25 15:41       |
| Total/NA  | Analysis   | I-3765-85    |     | 1               | 472965       | DGU1    | EET CF | 11/10/25 11:29       |

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# Lab Chronicle

Client: SCS Engineers  
Project/Site: Clinton County North - 2nd 2025 GW Sampling  
Event

Job ID: 310-320144-1  
SDG: Clinton County North

**Client Sample ID: PZ-R3**

**Date Collected: 11/05/25 09:39**

**Date Received: 11/07/25 17:30**

**Lab Sample ID: 310-320144-5**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab    | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|--------|----------------------|
| Total/NA  | Analysis   | 8260D        |     | 1               | 473296       | FE5V    | EET CF | 11/12/25 19:30       |
| Total/NA  | Analysis   | 8260D        |     | 1               | 473146       | FE5V    | EET CF | 11/12/25 04:40       |
| Total/NA  | Prep       | 3005A        |     |                 | 472992       | RLT9    | EET CF | 11/11/25 08:30       |
| Total/NA  | Analysis   | 6020B        |     | 1               | 473872       | NFT2    | EET CF | 11/17/25 16:41       |
| Total/NA  | Analysis   | I-3765-85    |     | 1               | 472965       | DGU1    | EET CF | 11/10/25 11:29       |

**Client Sample ID: PZ-R4**

**Date Collected: 11/05/25 10:23**

**Date Received: 11/07/25 17:30**

**Lab Sample ID: 310-320144-6**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab    | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|--------|----------------------|
| Total/NA  | Analysis   | 8260D        |     | 1               | 473296       | FE5V    | EET CF | 11/12/25 19:53       |
| Total/NA  | Analysis   | 8260D        |     | 1               | 473146       | FE5V    | EET CF | 11/12/25 05:02       |
| Total/NA  | Prep       | 3005A        |     |                 | 472992       | RLT9    | EET CF | 11/11/25 08:30       |
| Total/NA  | Analysis   | 6020B        |     | 1               | 473872       | NFT2    | EET CF | 11/17/25 16:44       |
| Total/NA  | Prep       | 3005A        |     |                 | 472992       | RLT9    | EET CF | 11/11/25 08:30       |
| Total/NA  | Analysis   | 6020B        |     | 1               | 474049       | NFT2    | EET CF | 11/18/25 16:46       |
| Total/NA  | Analysis   | I-3765-85    |     | 1               | 472965       | DGU1    | EET CF | 11/10/25 11:29       |

**Client Sample ID: MW-06-6R**

**Date Collected: 11/06/25 15:08**

**Date Received: 11/07/25 17:30**

**Lab Sample ID: 310-320144-7**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab    | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|--------|----------------------|
| Total/NA  | Prep       | 3005A        |     |                 | 472992       | RLT9    | EET CF | 11/11/25 08:30       |
| Total/NA  | Analysis   | 6020B        |     | 1               | 473872       | NFT2    | EET CF | 11/17/25 16:47       |
| Total/NA  | Analysis   | I-3765-85    |     | 1               | 473103       | DGU1    | EET CF | 11/11/25 09:56       |

**Client Sample ID: MW-D**

**Date Collected: 11/05/25 09:05**

**Date Received: 11/07/25 17:30**

**Lab Sample ID: 310-320144-8**

**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab    | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|--------|----------------------|
| Total/NA  | Analysis   | 8260D        |     | 1               | 473296       | FE5V    | EET CF | 11/12/25 20:16       |
| Total/NA  | Analysis   | 8260D        |     | 1               | 473146       | FE5V    | EET CF | 11/12/25 05:24       |
| Total/NA  | Prep       | 3005A        |     |                 | 472992       | RLT9    | EET CF | 11/11/25 08:30       |
| Total/NA  | Analysis   | 6020B        |     | 1               | 473872       | NFT2    | EET CF | 11/17/25 16:49       |
| Total/NA  | Prep       | 3005A        |     |                 | 472992       | RLT9    | EET CF | 11/11/25 08:30       |
| Total/NA  | Analysis   | 6020B        |     | 1               | 474049       | NFT2    | EET CF | 11/18/25 16:51       |
| Total/NA  | Analysis   | I-3765-85    |     | 1               | 472965       | DGU1    | EET CF | 11/10/25 11:29       |



# Lab Chronicle

Client: SCS Engineers  
Project/Site: Clinton County North - 2nd 2025 GW Sampling  
Event

Job ID: 310-320144-1  
SDG: Clinton County North

**Client Sample ID: Trip Blank**  
**Date Collected: 11/05/25 00:00**  
**Date Received: 11/07/25 17:30**

**Lab Sample ID: 310-320144-9**  
**Matrix: Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab    | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|--------|----------------------|
| Total/NA  | Analysis   | 8260D        |     | 1               | 472998       | FE5V    | EET CF | 11/11/25 13:52       |

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

Accreditation/Certification Summary

Client: SCS Engineers  
Project/Site: Clinton County North - 2nd 2025 GW Sampling  
Event

Job ID: 310-320144-1  
SDG: Clinton County North

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        |

|    |
|----|
| 1  |
| 2  |
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| 6  |
| 7  |
| 8  |
| 9  |
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| 12 |
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| 15 |
| 16 |

## Method Summary

Client: SCS Engineers  
Project/Site: Clinton County North - 2nd 2025 GW Sampling  
Event

Job ID: 310-320144-1  
SDG: Clinton County North

| Method    | Method Description                  | Protocol | Laboratory |
|-----------|-------------------------------------|----------|------------|
| 8260D     | Volatile Organic Compounds by GC/MS | SW846    | EET CF     |
| 6020B     | Metals (ICP/MS)                     | SW846    | EET CF     |
| I-3765-85 | Residue, Non-filterable (TSS)       | USGS     | EET CF     |
| 3005A     | Preparation, Total Metals           | SW846    | EET CF     |
| 5030B     | Purge and Trap                      | SW846    | EET CF     |

### Protocol References:

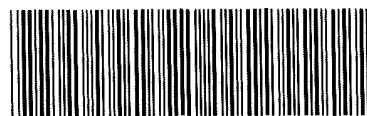
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.  
USGS = "Methods For Analysis Of Water And Fluvial Sediments", USGS, 1989

### Laboratory References:

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



Environment Testing  
America

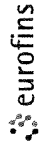


310-320144 Chain of Custody

### Cooler/Sample Receipt and Temperature Log Form

|                                                                                                                                                                                                                                                                                                                                                                   |                           |                                  |                        |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|----------------------------------|------------------------|
| <b>Client Information</b>                                                                                                                                                                                                                                                                                                                                         |                           |                                  |                        |
| Client: <u>ScS</u>                                                                                                                                                                                                                                                                                                                                                |                           |                                  |                        |
| City/State:                                                                                                                                                                                                                                                                                                                                                       | CITY <u>W. Des Moines</u> | STATE <u>IA</u>                  | Project:               |
| <b>Receipt Information</b>                                                                                                                                                                                                                                                                                                                                        |                           |                                  |                        |
| Date/Time Received:                                                                                                                                                                                                                                                                                                                                               | DATE <u>11-7-25</u>       | TIME <u>1730</u>                 | Received By: <u>PH</u> |
| Delivery Type: <input type="checkbox"/> UPS <input type="checkbox"/> FedEx <input type="checkbox"/> FedEx Ground <input type="checkbox"/> US Mail <input type="checkbox"/> Spee-Dee<br><input checked="" type="checkbox"/> Lab Courier <input type="checkbox"/> Lab Field Services <input type="checkbox"/> Client Drop-off <input type="checkbox"/> Other: _____ |                           |                                  |                        |
| <b>Condition of Cooler/Containers</b>                                                                                                                                                                                                                                                                                                                             |                           |                                  |                        |
| Sample(s) received in Cooler? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If yes: Cooler ID: _____                                                                                                                                                                                                                                        |                           |                                  |                        |
| Multiple Coolers? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes: Cooler # _____ of _____                                                                                                                                                                                                                                             |                           |                                  |                        |
| Cooler Custody Seals Present? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes: Cooler custody seals intact? <input type="checkbox"/> Yes <input type="checkbox"/> No                                                                                                                                                                   |                           |                                  |                        |
| Sample Custody Seals Present? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes: Sample custody seals intact? <input type="checkbox"/> Yes <input type="checkbox"/> No                                                                                                                                                                   |                           |                                  |                        |
| Trip Blank Present? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If yes: Which VOA samples are in cooler? <u>↓</u><br><u>All</u>                                                                                                                                                                                                           |                           |                                  |                        |
| <b>Temperature Record</b>                                                                                                                                                                                                                                                                                                                                         |                           |                                  |                        |
| Coolant: <input checked="" type="checkbox"/> Wet ice <input type="checkbox"/> Blue ice <input type="checkbox"/> Dry ice <input type="checkbox"/> Other: _____ <input type="checkbox"/> NONE                                                                                                                                                                       |                           |                                  |                        |
| Thermometer ID: <u>CC</u>                                                                                                                                                                                                                                                                                                                                         |                           | Correction Factor (°C): <u>0</u> |                        |
| • <b>Temp Blank Temperature</b> – If no temp blank, or temp blank temperature above criteria, proceed to Sample Container Temperature                                                                                                                                                                                                                             |                           |                                  |                        |
| Uncorrected Temp (°C): <u>1.8</u>                                                                                                                                                                                                                                                                                                                                 |                           | Corrected Temp (°C): <u>1.8</u>  |                        |
| • <b>Sample Container Temperature</b>                                                                                                                                                                                                                                                                                                                             |                           |                                  |                        |
| Container(s) used:                                                                                                                                                                                                                                                                                                                                                | CONTAINER 1               |                                  | CONTAINER 2            |
| Uncorrected Temp (°C):                                                                                                                                                                                                                                                                                                                                            |                           |                                  |                        |
| Corrected Temp (°C):                                                                                                                                                                                                                                                                                                                                              |                           |                                  |                        |
| <b>Exceptions Noted</b>                                                                                                                                                                                                                                                                                                                                           |                           |                                  |                        |
| 1) If temperature exceeds criteria, was sample(s) received same day of sampling? <input type="checkbox"/> Yes <input type="checkbox"/> No<br>a) If yes: Is there evidence that the chilling process began? <input type="checkbox"/> Yes <input type="checkbox"/> 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?) <input type="checkbox"/> Yes <input type="checkbox"/> No                                                                                                                                  |                           |                                  |                        |
| NOTE: If yes, contact PM before proceeding. If no, proceed with login                                                                                                                                                                                                                                                                                             |                           |                                  |                        |
| <b>Additional Comments</b>                                                                                                                                                                                                                                                                                                                                        |                           |                                  |                        |
|                                                                                                                                                                                                                                                                                                                                                                   |                           |                                  |                        |
|                                                                                                                                                                                                                                                                                                                                                                   |                           |                                  |                        |
|                                                                                                                                                                                                                                                                                                                                                                   |                           |                                  |                        |

Chain of Custody Record



TestAmerica Laboratories, Inc. d/b/a Eurofins TestAmerica

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

Project Manager: Sean Marczewski

|                                                                                                                                                                                  |                        |                                                                                     |             |                              |             |                   |                       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-------------------------------------------------------------------------------------|-------------|------------------------------|-------------|-------------------|-----------------------|
| Client Contact                                                                                                                                                                   |                        | Site Contact: Sean Marczewski                                                       |             | Date:                        |             | COC No            |                       |
| SCS Engineers                                                                                                                                                                    |                        | Lab Contact: Sam Miller                                                             |             | Carrier:                     |             | Sampler           |                       |
| 1690 All-State Court, Suite 100                                                                                                                                                  |                        |                                                                                     |             |                              |             | For Lab Use Only: |                       |
| West Des Moines IA 50265                                                                                                                                                         |                        |                                                                                     |             |                              |             | Walk-in Client    |                       |
| 515-631-6160                                                                                                                                                                     |                        |                                                                                     |             |                              |             | Lab Sampling      |                       |
| Project Name: Clinton County North - 2 <sup>nd</sup> 2025 GW Sampling Event                                                                                                      |                        |                                                                                     |             |                              |             | Job / SDG No      |                       |
| Site: Clinton County North                                                                                                                                                       |                        |                                                                                     |             |                              |             |                   |                       |
| P O # 27225262 26                                                                                                                                                                |                        |                                                                                     |             |                              |             |                   |                       |
| Sample Identification                                                                                                                                                            |                        | Sample Date                                                                         | Sample Time | Sample Type (C=Comp, G=Grab) | Matrix      | # of Cont.        | Sample Specific Notes |
| MW-06-7R                                                                                                                                                                         | 11/5/25                | 11:28                                                                               |             |                              |             |                   |                       |
| MW-90-5                                                                                                                                                                          | 11/6/25                | 15:51                                                                               |             |                              |             |                   |                       |
| MW-90-13                                                                                                                                                                         | 11/5/25                | 7:58                                                                                |             |                              |             |                   |                       |
| MW-03-16                                                                                                                                                                         | 11/5/25                | 8:50                                                                                |             |                              |             |                   |                       |
| PZ-R3                                                                                                                                                                            | 11/5/25                | 9:39                                                                                |             |                              |             |                   |                       |
| PZ-R4                                                                                                                                                                            | 11/5/25                | 10:23                                                                               |             |                              |             |                   |                       |
| MW-06-6R                                                                                                                                                                         | 11/6/25                | 15:08                                                                               |             |                              |             |                   |                       |
| MW-D                                                                                                                                                                             | 11/5/25                | 9:05                                                                                |             |                              |             |                   |                       |
| Trip Blank                                                                                                                                                                       |                        |                                                                                     |             |                              |             |                   |                       |
| Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other                                                                                                          |                        | Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) |             |                              |             |                   |                       |
| Possible Hazard Identification:                                                                                                                                                  |                        | Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) |             |                              |             |                   |                       |
| 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                 |                        | Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) |             |                              |             |                   |                       |
| <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown |                        | Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) |             |                              |             |                   |                       |
| Special Instructions/QC Requirements & Comments:                                                                                                                                 |                        | Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) |             |                              |             |                   |                       |
| Appendix I Metals List: Arsenic, barium, beryllium, cadmium, cobalt, copper, lead, nickel, & vanadium.                                                                           |                        | Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) |             |                              |             |                   |                       |
| Custody Seals Intact. <input type="checkbox"/> Yes <input type="checkbox"/> No                                                                                                   | Custody Seal No        | Cooler Temp (°C)                                                                    | Obs'd       | Cor'd                        | Therm ID No |                   |                       |
| Relinquished by: <i>Michael Morgan</i>                                                                                                                                           | Company: SCS Engineers | Received by:                                                                        | Company:    | Date/Time: 11/7/25 13:30     | Date/Time:  |                   |                       |
| Relinquished by:                                                                                                                                                                 | Company:               | Received by:                                                                        | Company:    | Date/Time:                   | Date/Time:  |                   |                       |
| Relinquished by:                                                                                                                                                                 | Company:               | Received in Laboratory by: <i>[Signature]</i>                                       | Company:    | Date/Time: 11-2-25 1234      | Date/Time:  |                   |                       |

## Login Sample Receipt Checklist

Client: SCS Engineers

Job Number: 310-320144-1  
SDG Number: Clinton County North  
List Source: Eurofins Cedar Falls

Login Number: 320144

List Number: 1

Creator: Schaufenbuel, Erin

| Question                                                                                 | Answer | Comment |
|------------------------------------------------------------------------------------------|--------|---------|
| Radioactivity wasn't checked or is $\leq$ 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 $<6\text{mm}$ (1/4"). | True   |         |
| Multiphasic samples are not present.                                                     | True   |         |
| Samples do not require splitting or compositing.                                         | True   |         |
| Residual Chlorine Checked.                                                               | N/A    |         |



## Appendix B-2

### Data Validation Documentation

QA/QC Completed by: Semir Omerovic

Sample Date: 3/24/2025

Site Name: Clinton County Sanitary Landfill-East, North MSWLF Unit

Project Type: Clinton County Sanitary Landfill - 1<sup>st</sup> 2025 Semi-Annual Groundwater Sampling Event

Laboratory: Eurofins TestAmerica, Cedar Falls

Lab Job ID: 310-302895-1

Lab Report Date: 4/8/2025

|                                             | OK | NO | N/A | NOTES                                                                                     |
|---------------------------------------------|----|----|-----|-------------------------------------------------------------------------------------------|
| <b>Sample Collection and Sample Holding</b> |    |    |     |                                                                                           |
| Chain of Custody                            | X  |    |     |                                                                                           |
| Temperature                                 | X  |    |     |                                                                                           |
| Preservation                                | X  |    |     |                                                                                           |
| Condition                                   | X  |    |     |                                                                                           |
| Correct Constituents Analyzed               | X  |    |     |                                                                                           |
| Case Narrative                              | X  |    |     |                                                                                           |
| Holding Times                               | X  |    |     |                                                                                           |
| <b>Analytical Sensitivity and Blanks</b>    |    |    |     |                                                                                           |
| Method Blank Detections                     | X  |    |     |                                                                                           |
| Trip Blank Detections                       | X  |    |     |                                                                                           |
| <b>Accuracy</b>                             |    |    |     |                                                                                           |
| ICV/CCV                                     | X  |    |     |                                                                                           |
| LCS/LCSD                                    | X  |    |     |                                                                                           |
| MS/MSD                                      | X  |    |     |                                                                                           |
| Surrogates (organics only)                  | X  |    |     |                                                                                           |
| <b>Precision</b>                            |    |    |     |                                                                                           |
| QA/QC Sample RPDs                           | X  |    |     |                                                                                           |
| Field Duplicates                            | X  |    |     | A field duplicate sample was collected at MW-03-16. RPD for analyzed parameters was <50%. |



QA/QC Completed by: Semir Omerovic

Sample Date: 3/25/2025

Site Name: Clinton County Sanitary Landfill-East, South MSWLF Unit

Project Type: Clinton County Sanitary Landfill - 1<sup>st</sup> 2025 Semi-Annual Groundwater Sampling Event

Laboratory: Eurofins TestAmerica, Cedar Falls

Lab Job ID: 310-302891-1

Lab Report Date: 4/7/2025

|                                             | OK | NO | N/A | NOTES                                                                                                                                                                                                                                                                                                                                                               |
|---------------------------------------------|----|----|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Sample Collection and Sample Holding</b> |    |    |     |                                                                                                                                                                                                                                                                                                                                                                     |
| Chain of Custody                            | X  |    |     |                                                                                                                                                                                                                                                                                                                                                                     |
| Temperature                                 |    | X  |     | The temperature of one of the coolers measured 5.1°C upon arrival at the laboratory.                                                                                                                                                                                                                                                                                |
| Preservation                                |    | X  |     | The preservative used in the sample containers provided is not compatible with one of the Method 8260 analytes requested. The following sample was received preserved with hydrochloric acid. No unpreserved vials were provided. Vial preservation was pH <2 rather than pH 4-5. : MW-20 (310-302891-10). The requested target analyte list includes Acrylonitrile |
| Condition                                   | X  |    |     |                                                                                                                                                                                                                                                                                                                                                                     |
| Correct Constituents Analyzed               | X  |    |     |                                                                                                                                                                                                                                                                                                                                                                     |
| Case Narrative                              | X  |    |     |                                                                                                                                                                                                                                                                                                                                                                     |
| Holding Times                               | X  |    |     |                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Analytical Sensitivity and Blanks</b>    |    |    |     |                                                                                                                                                                                                                                                                                                                                                                     |
| Method Blank Detections                     | X  |    |     | None.                                                                                                                                                                                                                                                                                                                                                               |
| Trip Blank Detections                       | X  |    |     | None.                                                                                                                                                                                                                                                                                                                                                               |
| <b>Accuracy</b>                             |    |    |     |                                                                                                                                                                                                                                                                                                                                                                     |
| ICV/CCV                                     | X  |    |     |                                                                                                                                                                                                                                                                                                                                                                     |
| LCS/LCSD                                    | X  |    |     |                                                                                                                                                                                                                                                                                                                                                                     |
| MS/MSD                                      |    | X  |     | Method 8270E: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 310-450191. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision                                                                                                           |
| Surrogates (organics only)                  | X  |    |     |                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Precision</b>                            |    |    |     |                                                                                                                                                                                                                                                                                                                                                                     |
| QA/QC Sample RPDs                           | X  |    |     |                                                                                                                                                                                                                                                                                                                                                                     |
| Field Duplicates                            | X  |    |     | Samples MW-19 and field duplicate MW-D1 were collected. RPD for analyzed parameters was <50%.<br><br>Samples MW-32 and field duplicate MW-D2 were collected. RPD for analyzed parameters was <50%.                                                                                                                                                                  |

QA/QC Completed by: Semir Omerovic

Sample Date: 11/6/2025

Site Name: Clinton County Sanitary Landfill-East, North MSWLF Unit

Project Type: Clinton County Sanitary Landfill - 2<sup>nd</sup> 2025 Semi-Annual Groundwater Sampling Event

Laboratory: Eurofins TestAmerica, Cedar Falls

Lab Job ID: 310-320144-1

Lab Report Date: 11/25/2025

|                                             | OK | NO | N/A | NOTES                                                                                                                                                                                                                                                                                                                               |
|---------------------------------------------|----|----|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Sample Collection and Sample Holding</b> |    |    |     |                                                                                                                                                                                                                                                                                                                                     |
| Chain of Custody                            | X  |    |     |                                                                                                                                                                                                                                                                                                                                     |
| Temperature                                 | X  |    |     |                                                                                                                                                                                                                                                                                                                                     |
| Preservation                                | X  |    |     |                                                                                                                                                                                                                                                                                                                                     |
| Condition                                   | X  |    |     |                                                                                                                                                                                                                                                                                                                                     |
| Correct Constituents Analyzed               | X  |    |     |                                                                                                                                                                                                                                                                                                                                     |
| Case Narrative                              | X  |    |     |                                                                                                                                                                                                                                                                                                                                     |
| Holding Times                               | X  |    |     |                                                                                                                                                                                                                                                                                                                                     |
| <b>Analytical Sensitivity and Blanks</b>    |    |    |     |                                                                                                                                                                                                                                                                                                                                     |
| Method Blank Detections                     | X  |    |     |                                                                                                                                                                                                                                                                                                                                     |
| Trip Blank Detections                       | X  |    |     |                                                                                                                                                                                                                                                                                                                                     |
| <b>Accuracy</b>                             |    |    |     |                                                                                                                                                                                                                                                                                                                                     |
| ICV/CCV                                     |    | X  |     | Method 8260D: The continuing calibration verification (CCV) associated with batch 310-473296 recovered above the upper control limit for Bromomethane (52%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 310-473296/4). |
| LCS/LCSD                                    | X  |    |     |                                                                                                                                                                                                                                                                                                                                     |
| MS/MSD                                      | X  |    |     |                                                                                                                                                                                                                                                                                                                                     |
| Surrogates (organics only)                  | X  |    |     |                                                                                                                                                                                                                                                                                                                                     |
| <b>Precision</b>                            |    |    |     |                                                                                                                                                                                                                                                                                                                                     |
| QA/QC Sample RPDs                           | X  |    |     |                                                                                                                                                                                                                                                                                                                                     |
| Field Duplicates                            | X  |    |     | A field duplicate sample was collected at MW-03-16. RPD for analyzed parameters was <50%, with the exception of chromium.                                                                                                                                                                                                           |

QA/QC Completed by: Semir Omerovic

Sample Date: 11/4/2025

Site Name: Clinton County Sanitary Landfill-East, South MSWLF Unit

Project Type: Clinton County Sanitary Landfill - 1<sup>st</sup> 2025 Semi-Annual Groundwater Sampling Event

Laboratory: Eurofins TestAmerica, Cedar Falls

Lab Job ID: 310-302891-1

Lab Report Date: 4/7/2025

|                                             | OK | NO | N/A | NOTES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|---------------------------------------------|----|----|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Sample Collection and Sample Holding</b> |    |    |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Chain of Custody                            | X  |    |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Temperature                                 | X  |    |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Preservation                                |    | X  |     | The reference method requires samples to be preserved to a pH of <2. The following sample was received with insufficient preservation at a pH of >2: MW-24 (310-320142-11). The sample(s) was preserved to the appropriate pH in the laboratory.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Condition                                   |    | X  |     | The method requirement for no headspace was not met. The following volatile sample was analyzed with headspace in the sample container: Trip Blank 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Correct Constituents Analyzed               | X  |    |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Case Narrative                              | X  |    |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Holding Times                               | X  |    |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Analytical Sensitivity and Blanks</b>    |    |    |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Method Blank Detections                     |    | X  |     | Method 6020B: The method blank for preparation batch 310-473182 contained zinc, lead, copper above the reporting limit (RL). None of the samples associated with this method blank contained the target compound; therefore, re-extraction and/or re-analysis of samples were not performed.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Trip Blank Detections                       | X  |    |     | None.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Accuracy</b>                             |    |    |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| ICV/CCV                                     |    | X  |     | <p>Method 8260D: The continuing calibration verification (CCV) associated with batch 310-473080 recovered outside of the control limits for Bromomethane (-22%D). A CCV standard at or below the reporting limit (RL) was analyzed with the affected sample and found to be acceptable. The sample associated with this CCV were non-detects for the affected analyte; therefore, the data has been reported. The associated sample is: (CCV 310-473080/4).</p> <p>Method 8260D: The continuing calibration verification (CCV) associated with batch 310-473296 recovered above the upper control limit for Bromomethane (52%D). The sample associated with this CCV were non-detects for the affected analyte; therefore, the data has been reported. The associated sample is: (CCV 310-473296/4).</p> <p>Method 6020B: The initial calibration verification (ICV) result for batch 310-473366 was above the upper control limit. The affected analyte: antimony. Sample results were non-detects, and have been reported as qualified data.</p> |
| LCS/LCSD                                    |    | X  |     | Method 6020B: The laboratory control sample (LCS) for preparation batch 310-473183 and analytical batch 310-474390 recovered outside control limits for the following analyte: Silver. This analyte were biased high in the LCS and were not detected in the associated samples; therefore, the data has been reported.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| MS/MSD                                      | X  |    |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Surrogates (organics only)                  |    | X  |     | <p>Method 8270E: Surrogate recovery for the following sample was outside the upper control limit: (MB 310-473109/1-A). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.</p> <p>Method 8270E: The surrogate recovery for the LCS associated with preparation batch 310-473109 and analytical batch 310-473730 was outside the upper control limits.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Precision</b>                            |    |    |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| QA/QC Sample RPDs                           | X  |    |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Field Duplicates                            | X  |    |     | Sample MW-19 and field duplicate sample MW-D1 RPD for analyzed parameters was <50%.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |



## Appendix C-1

### Reporting Period Summary of Groundwater Chemistry

# SCS ENGINEERS

## Summary of Groundwater Chemistry Clinton County Sanitary Landfill - 23-SDP-01-74P

|                                                    | Sample Date | MW-06-7R<br>UPG | MW-05-2<br>DNG | MW-05-8R<br>DNG | MW-19<br>DNG | MW-20<br>DNG | MW-24<br>DNG | MW-28<br>DNG | MW-29<br>DNG | MW-32<br>DNG | MW-33<br>DNG | MW-39<br>DNG | MW-40<br>DNG | MW-41<br>DNG | MW-42<br>DNG | MW-90-11<br>DNG | MW-90-18<br>DNG |
|----------------------------------------------------|-------------|-----------------|----------------|-----------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-----------------|-----------------|
| <b>Total Metals Constituents</b>                   |             |                 |                |                 |              |              |              |              |              |              |              |              |              |              |              |                 |                 |
| <b>Antimony, mg/L (CAS NO - 7440-36-0)</b>         | 3/25/2025   | < 0.002         | < 0.002        | 0.00185*        | < 0.002      | < 0.002      | < 0.002      | N/A          | 0.00112*     | < 0.002      | N/A          | < 0.002      | 0.00367      | < 0.002      | < 0.002      | < 0.002         | N/A             |
|                                                    | 3/25/2025   | N/A             | N/A            | N/A             | < 0.002      | N/A          | N/A          | N/A          | N/A          | < 0.002      | N/A          | N/A          | N/A          | N/A          | N/A          | N/A             | N/A             |
|                                                    | 11/4/2025   | < 0.002         | < 0.002        | N/A             | < 0.002      | < 0.002      | < 0.002      | < 0.002      | < 0.002      | < 0.002      | < 0.002      | < 0.002      | < 0.002      | < 0.002      | < 0.002      | < 0.002         | N/A             |
|                                                    | 11/4/2025   | N/A             | N/A            | N/A             | < 0.002      | N/A          | N/A          | N/A          | N/A          | < 0.002      | N/A          | N/A          | N/A          | N/A          | N/A          | N/A             | N/A             |
| <b>Arsenic, mg/L (CAS NO - 7440-38-2)</b>          | 3/25/2025   | 0.00242         | < 0.002        | 0.00119*        | < 0.002      | 0.0292       | 0.00676      | N/A          | 0.000536*    | 0.0152       | N/A          | 0.00056*     | 0.00179*     | 0.00262      | < 0.002      | 0.00404         | N/A             |
|                                                    | 3/25/2025   | N/A             | N/A            | N/A             | < 0.002      | N/A          | N/A          | N/A          | N/A          | 0.0239       | N/A          | N/A          | N/A          | N/A          | N/A          | N/A             | N/A             |
|                                                    | 11/4/2025   | 0.0005          | < 0.002        | N/A             | 0.000726*    | 0.0275       | 0.00719      | 0.000836*    | 0.000829*    | 0.0148       | 0.00976      | < 0.002      | < 0.002      | 0.00269      | < 0.002      | 0.0192          | N/A             |
|                                                    | 11/4/2025   | N/A             | N/A            | N/A             | 0.000647**   | N/A          | N/A          | N/A          | N/A          | 0.0153       | N/A          | N/A          | N/A          | N/A          | N/A          | N/A             | N/A             |
| <b>Barium, mg/L (CAS NO - 7440-39-3)</b>           | 3/25/2025   | 0.116           | 0.13           | 0.0948          | 0.15         | 2.48         | 0.523        | N/A          | 0.149        | 0.285        | N/A          | 0.333        | 0.0411       | 0.162        | 0.176        | 0.326           | N/A             |
|                                                    | 3/25/2025   | N/A             | N/A            | N/A             | 0.161        | N/A          | N/A          | N/A          | N/A          | 0.438        | N/A          | N/A          | N/A          | N/A          | N/A          | N/A             | N/A             |
|                                                    | 11/4/2025   | 0.103           | 0.137          | N/A             | 0.158        | 2.57         | 0.489        | 0.119        | 0.186        | 0.151        | 0.19         | 0.326        | 0.0157       | 0.154        | 0.175        | 0.46            | N/A             |
|                                                    | 11/4/2025   | N/A             | N/A            | N/A             | 0.158        | N/A          | N/A          | N/A          | N/A          | 0.14         | N/A          | N/A          | N/A          | N/A          | N/A          | N/A             | N/A             |
| <b>Beryllium, mg/L (CAS NO - 7440-41-7)</b>        | 3/25/2025   | < 0.001         | < 0.001        | < 0.001         | < 0.001      | < 0.001      | < 0.001      | N/A          | < 0.001      | 0.00162      | N/A          | < 0.001      | < 0.001      | < 0.001      | < 0.001      | < 0.001         | N/A             |
|                                                    | 3/25/2025   | N/A             | N/A            | N/A             | < 0.001      | N/A          | N/A          | N/A          | N/A          | 0.000766*    | N/A          | N/A          | N/A          | N/A          | N/A          | N/A             | N/A             |
|                                                    | 11/4/2025   | < 0.001         | < 0.001        | N/A             | < 0.001      | < 0.001      | < 0.001      | < 0.001      | < 0.001      | < 0.001      | < 0.001      | < 0.001      | < 0.001      | < 0.001      | < 0.001      | < 0.001         | N/A             |
|                                                    | 11/4/2025   | N/A             | N/A            | N/A             | < 0.001      | N/A          | N/A          | N/A          | N/A          | < 0.001      | N/A          | N/A          | N/A          | N/A          | N/A          | N/A             | N/A             |
| <b>Cadmium, mg/L (CAS NO - 7440-43-9)</b>          | 3/25/2025   | < 0.0002        | 0.000108*      | < 0.0002        | 0.0001*      | < 0.0002     | < 0.0002     | N/A          | < 0.0002     | 0.00027      | N/A          | < 0.0002     | 0.000291     | < 0.0002     | < 0.0002     | < 0.0002        | N/A             |
|                                                    | 3/25/2025   | N/A             | N/A            | N/A             | < 0.0002     | N/A          | N/A          | N/A          | N/A          | 0.000626     | N/A          | N/A          | N/A          | N/A          | N/A          | N/A             | N/A             |
|                                                    | 11/4/2025   | < 0.0002        | < 0.0002       | N/A             | 0.000196*    | < 0.0002     | < 0.0002     | < 0.0002     | 0.000116*    | < 0.0002     | < 0.0002     | < 0.0002     | < 0.0002     | < 0.0002     | < 0.0002     | < 0.0002        | N/A             |
|                                                    | 11/4/2025   | N/A             | N/A            | N/A             | 0.00012*     | N/A          | N/A          | N/A          | N/A          | < 0.0002     | N/A          | N/A          | N/A          | N/A          | N/A          | N/A             | N/A             |
| <b>Chromium, mg/L (CAS NO - 7440-47-3)</b>         | 3/25/2025   | < 0.005         | 0.00247*       | 0.00611         | < 0.005      | < 0.005      | < 0.005      | N/A          | 0.00409*     | 0.031        | N/A          | 0.00265*     | 0.0724       | < 0.005      | 0.0022*      | < 0.005         | N/A             |
|                                                    | 3/25/2025   | N/A             | N/A            | N/A             | < 0.005      | N/A          | N/A          | N/A          | N/A          | 0.0543       | N/A          | N/A          | N/A          | N/A          | N/A          | N/A             | N/A             |
|                                                    | 11/4/2025   | 0.00367*        | 0.00292*       | N/A             | < 0.005      | 0.0126       | < 0.005      | 0.013        | 0.00255*     | 0.00217*     | < 0.005      | 0.00194*     | 0.00622      | 0.00317*     | 0.00331*     | 0.00242*        | N/A             |
|                                                    | 11/4/2025   | N/A             | N/A            | N/A             | < 0.005      | N/A          | N/A          | N/A          | N/A          | 0.00668      | N/A          | N/A          | N/A          | N/A          | N/A          | N/A             | N/A             |
| <b>Cobalt, mg/L (CAS NO - 7440-48-4)</b>           | 3/25/2025   | < 0.0005        | < 0.0005       | 0.000972        | < 0.0005     | 0.013        | 0.0023       | N/A          | 0.000518     | 0.026        | N/A          | 0.00251      | 0.00267      | 0.000417*    | 0.000186*    | 0.000881        | N/A             |
|                                                    | 3/25/2025   | N/A             | N/A            | N/A             | < 0.0005     | N/A          | N/A          | N/A          | N/A          | 0.0383       | N/A          | N/A          | N/A          | N/A          | N/A          | N/A             | N/A             |
|                                                    | 11/4/2025   | < 0.0005        | < 0.0005       | N/A             | 0.000176*    | 0.029        | 0.00462      | 0.000501     | 0.000881     | 0.0117       | 0.00262      | 0.00397      | 0.000279*    | 0.00046*     | 0.000216*    | 0.00394         | N/A             |
|                                                    | 11/4/2025   | N/A             | N/A            | N/A             | 0.00019*     | N/A          | N/A          | N/A          | N/A          | 0.0117       | N/A          | N/A          | N/A          | N/A          | N/A          | N/A             | N/A             |
| <b>Copper, mg/L (CAS NO - 7440-50-8)</b>           | 3/25/2025   | < 0.005         | < 0.005        | 0.00338*        | < 0.005      | < 0.02       | < 0.005      | N/A          | < 0.005      | 0.0351       | N/A          | < 0.005      | 0.00731      | < 0.005      | < 0.005      | < 0.005         | N/A             |
|                                                    | 3/25/2025   | N/A             | N/A            | N/A             | < 0.005      | N/A          | N/A          | N/A          | N/A          | 0.0644       | N/A          | N/A          | N/A          | N/A          | N/A          | N/A             | N/A             |
|                                                    | 11/4/2025   | < 0.005         | < 0.005        | N/A             | < 0.005      | < 0.005      | < 0.005      | < 0.005      | < 0.005      | < 0.005      | < 0.005      | < 0.005      | < 0.005      | < 0.005      | < 0.005      | < 0.005         | N/A             |
|                                                    | 11/4/2025   | N/A             | N/A            | N/A             | < 0.005      | N/A          | N/A          | N/A          | N/A          | < 0.005      | N/A          | N/A          | N/A          | N/A          | N/A          | N/A             | N/A             |
| <b>Lead, mg/L (CAS NO - 7439-92-1)</b>             | 3/25/2025   | < 0.0005        | 0.000806       | 0.00111         | 0.000583     | < 0.0005     | < 0.0005     | N/A          | 0.00139      | 0.0209       | N/A          | 0.00335      | 0.00435      | < 0.0005     | 0.000419*    | 0.00136         | N/A             |
|                                                    | 3/25/2025   | N/A             | N/A            | N/A             | < 0.0005     | N/A          | N/A          | N/A          | N/A          | 0.0114       | N/A          | N/A          | N/A          | N/A          | N/A          | N/A             | N/A             |
|                                                    | 11/4/2025   | < 0.0005        | < 0.0005       | N/A             | < 0.0005     | < 0.0005     | < 0.0005     | < 0.0005     | 0.000384*    | 0.000719     | < 0.0005     | < 0.0005     | < 0.0005     | < 0.0005     | < 0.0005     | < 0.0005        | N/A             |
|                                                    | 11/4/2025   | N/A             | N/A            | N/A             | < 0.0005     | N/A          | N/A          | N/A          | N/A          | 0.000667     | N/A          | N/A          | N/A          | N/A          | N/A          | N/A             | N/A             |
| <b>Nickel, mg/L (CAS NO - 7440-02-0)</b>           | 3/25/2025   | < 0.005         | < 0.005        | 0.00496*        | 0.00317*     | 0.0386       | 0.00268*     | N/A          | < 0.005      | 0.0576       | N/A          | < 0.005      | 0.0366       | < 0.005      | < 0.005      | 0.0031*         | N/A             |
|                                                    | 3/25/2025   | N/A             | N/A            | N/A             | 0.00281*     | N/A          | N/A          | N/A          | N/A          | 0.0317       | N/A          | N/A          | N/A          | N/A          | N/A          | N/A             | N/A             |
|                                                    | 11/4/2025   | < 0.005         | < 0.005        | N/A             | 0.0005       | 0.0409       | 0.00544      | 0.0106       | < 0.005      | 0.00574      | 0.00293*     | < 0.005      | 0.00576      | < 0.005      | < 0.005      | 0.00438*        | N/A             |
|                                                    | 11/4/2025   | N/A             | N/A            | N/A             | 0.00462*     | N/A          | N/A          | N/A          | N/A          | 0.00723      | N/A          | N/A          | N/A          | N/A          | N/A          | N/A             | N/A             |
| <b>Selenium, mg/L (CAS NO - 7782-49-2)</b>         | 3/25/2025   | < 0.005         | 0.00148*       | < 0.005         | < 0.005      | < 0.005      | < 0.005      | N/A          | < 0.005      | 0.00168*     | N/A          | < 0.005      | < 0.005      | < 0.005      | < 0.005      | < 0.005         | N/A             |
|                                                    | 3/25/2025   | N/A             | N/A            | N/A             | < 0.005      | N/A          | N/A          | N/A          | N/A          | < 0.005      | N/A          | N/A          | < 0.005      | N/A          | N/A          | N/A             | N/A             |
|                                                    | 11/4/2025   | < 0.005         | 0.00167*       | N/A             | < 0.005      | < 0.005      | < 0.005      | < 0.005      | < 0.005      | < 0.005      | < 0.005      | < 0.005      | < 0.005      | < 0.005      | 0.00159*     | < 0.005         | N/A             |
|                                                    | 11/4/2025   | N/A             | N/A            | N/A             | < 0.005      | N/A          | N/A          | N/A          | N/A          | < 0.005      | N/A          | N/A          | N/A          | N/A          | N/A          | N/A             | N/A             |
| <b>Silver, mg/L (CAS NO - 7440-22-4)</b>           | 3/25/2025   | < 0.001         | < 0.001        | < 0.001         | < 0.001      | < 0.001      | < 0.001      | N/A          | < 0.001      | < 0.001      | N/A          | < 0.001      | < 0.001      | < 0.001      | < 0.001      | < 0.001         | N/A             |
|                                                    | 3/25/2025   | N/A             | N/A            | N/A             | < 0.001      | N/A          | N/A          | N/A          | N/A          | < 0.001      | N/A          | N/A          | N/A          | N/A          | N/A          | N/A             | N/A             |
|                                                    | 11/4/2025   | < 0.001         | < 0.001        | N/A             | < 0.001      | < 0.001      | < 0.001      | < 0.001      | < 0.001      | < 0.001      | < 0.001      | < 0.001      | < 0.001      | < 0.001      | < 0.001      | < 0.001         | N/A             |
|                                                    | 11/4/2025   | N/A             | N/A            | N/A             | < 0.001      | N/A          | N/A          | N/A          | N/A          | < 0.001      | N/A          | N/A          | N/A          | N/A          | N/A          | N/A             | N/A             |
| <b>Thallium, mg/L (CAS NO - 7440-28-0)</b>         | 3/25/2025   | < 0.001         | < 0.001        | < 0.001         | < 0.001      | < 0.001      | < 0.001      | N/A          | 0.000687*    | < 0.001      | N/A          | < 0.001      | < 0.001      | < 0.001      | < 0.001      | < 0.001         | N/A             |
|                                                    | 3/25/2025   | N/A             | N/A            | N/A             | < 0.001      | N/A          | N/A          | N/A          | N/A          | < 0.001      | N/A          | N/A          | N/A          | N/A          | N/A          | N/A             | N/A             |
|                                                    | 11/4/2025   | < 0.001         | < 0.001        | N/A             | < 0.001      | < 0.001      | < 0.001      | < 0.001      | < 0.001      | < 0.001      | < 0.001      | < 0.001      | < 0.001      | < 0.001      | < 0.001      | < 0.001         | N/A             |
|                                                    | 11/4/2025   | N/A             | N/A            | N/A             | < 0.001      | N/A          | N/A          | N/A          | N/A          | < 0.001      | N/A          | N/A          | N/A          | N/A          | N/A          | N/A             | N/A             |
| <b>Vanadium, mg/L (CAS NO - 7440-62-2)</b>         | 3/25/2025   | < 0.005         | < 0.005        | 0.00531         | < 0.005      | < 0.005      | < 0.005      | N/A          | 0.00299*     | 0.0761       | N/A          | 0.0023*      | 0.00531      | < 0.005      | < 0.005      | < 0.005         | N/A             |
|                                                    | 3/25/2025   | N/A             | N/A            | N/A             | < 0.005      | N/A          | N/A          | N/A          | N/A          | 0.0448       | N/A          | N/A          | N/A          | N/A          | N/A          | N/A             | N/A             |
|                                                    | 11/4/2025   | < 0.005         | < 0.005        | N/A             | < 0.005      | < 0.005      | < 0.005      | < 0.005      | 0.00337*     | 0.00167*     | < 0.005      | < 0.005      | < 0.005      | < 0.005      | < 0.005      | < 0.005         | N/A             |
|                                                    | 11/4/2025   | N/A             | N/A            | N/A             | 0.00183*     | N/A          | N/A          | N/A          | N/A          | 0.00178*     | N/A          | N/A          | N/A          | N/A          | N/A          | N/A             | N/A             |
| <b>Zinc, mg/L (CAS NO - 7440-66-6)</b>             | 3/25/2025   | < 0.02          | < 0.02         | < 0.02          | < 0.02       | < 0.02       | < 0.02       | N/A          | < 0.02       | 0.0982       | N/A          | < 0.02       | 0.0334       | < 0.02       | < 0.02       | < 0.02          | N/A             |
|                                                    | 3/25/2025   | N/A             | N/A            | N/A             | < 0.02       | N/A          | N/A          | N/A          | N/A          | 0.055        | N/A          | N/A          | N/A          | N/A          | N/A          | N/A             | N/A             |
|                                                    | 11/4/2025   | < 0.02          | < 0.02         | N/A             | < 0.02       | < 0.02       | < 0.02       | < 0.02       | < 0.02       | < 0.02       | < 0.02       | < 0.02       | < 0.02       | < 0.02       | < 0.02       | < 0.02          | N/A             |
|                                                    | 11/4/2025   | N/A             | N/A            | N/A             | < 0.02       | N/A          | N/A          | N/A          | N/A          | < 0.02       | N/A          | N/A          | N/A          | N/A          | N/A          | N/A             | N/A             |
| <b>Total Suspended Solids, mg/L (CAS NO - TSS)</b> | 3/25/2025   | 18.4            | < 1.88         | 107             | 1.38*        | 47.5         | 90           | N/A          | 73.4         | 2080         | N/A          | 32           | 199          | 5.13         | 28.6         | 24              | N/A             |
|                                                    | 3/25/2025   | N/A             | N/A            | N/A             | < 1.88       | N/A          | N/A          | N/A          | N/A          | 460          | N/A          | N/A          | N/A          | N/A          | N/A          | N/A             | N/A             |
|                                                    | 11/4/2025   | 10.7            | < 1.88         | N/A             | 4.38         | 57           | 72           | 35.3         | 39.5         | 76           | 19           | 20.4         | 12.5         | 5.75         | 25.6         | 62              | N/A             |
|                                                    | 11/4/2025   | N/A             | N/A            | N/A             | 6.75         | N/A          | N/A          | N/A          | N/A          | 69           | N/A          | N/A          | N/A          | N/A          | N/A          | N/A             | N/A             |

Note: \* indicates 'J' flag. Detection is below the reporting limit, but greater than the MDL (Method Detection Limit). The concentration is estimated.

Denotes Detection.

Denotes Confirmed Outlier. Statistically Excluded.

Sampling performed over multiple dates is recorded on the first date sampled. Refer to field forms for exact sample date.

Appendix C - Summary of Groundwater Chemistry

# SCS ENGINEERS

Summary of Groundwater Chemistry  
Clinton County Sanitary Landfill - 23-SDP-01-74P

|                                                       | Sample Date | MW-06-7R<br>UPG | MW-05-2<br>DNG | MW-05-8R<br>DNG | MW-19<br>DNG | MW-20<br>DNG | MW-24<br>DNG | MW-28<br>DNG | MW-29<br>DNG | MW-32<br>DNG | MW-33<br>DNG | MW-39<br>DNG | MW-40<br>DNG | MW-41<br>DNG | MW-42<br>DNG | MW-90-11<br>DNG | MW-90-18<br>DNG |
|-------------------------------------------------------|-------------|-----------------|----------------|-----------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-----------------|-----------------|
| Appendix I VOC Constituents                           |             |                 |                |                 |              |              |              |              |              |              |              |              |              |              |              |                 |                 |
| Chloromethane, ug/L (CAS NO - 74-87-3)                | 3/25/2025   | <3              | <3             | <3              | <3           | <3           | <3           | N/A          | <3           | <3           | N/A          | <3           | <3           | <3           | <3           | <3              | N/A             |
|                                                       | 3/25/2025   | N/A             | N/A            | N/A             | <3           | N/A          | N/A          | N/A          | N/A          | <3           | N/A          | N/A          | N/A          | N/A          | N/A          | N/A             | N/A             |
|                                                       | 11/4/2025   | <3              | <3             | N/A             | <3           | <3           | <3           | <3           | <3           | <3           | <3           | <3           | <3           | <3           | <3           | <3              | N/A             |
|                                                       | 11/4/2025   | N/A             | N/A            | N/A             | <3           | N/A          | N/A          | N/A          | N/A          | <3           | N/A          | N/A          | N/A          | N/A          | N/A          | N/A             | N/A             |
| cis-1,2-Dichloroethene, ug/L (CAS NO - 156-59-2)      | 3/25/2025   | <1              | <1             | <1              | <1           | 2.97         | <1           | N/A          | <1           | <1           | N/A          | <1           | <1           | <1           | <1           | <1              | N/A             |
|                                                       | 3/25/2025   | N/A             | N/A            | N/A             | <1           | N/A          | N/A          | N/A          | N/A          | <1           | N/A          | N/A          | N/A          | N/A          | N/A          | N/A             | N/A             |
|                                                       | 11/4/2025   | <1              | <1             | N/A             | <1           | 3.13         | <1           | <1           | <1           | <1           | <1           | <1           | <1           | <1           | <1           | <1              | N/A             |
|                                                       | 11/4/2025   | N/A             | N/A            | N/A             | <1           | N/A          | N/A          | N/A          | N/A          | <1           | N/A          | N/A          | N/A          | N/A          | N/A          | N/A             | 0.717*          |
| cis-1,3-Dichloropropene, ug/L (CAS NO - 10061-01-5)   | 3/25/2025   | <5              | <5             | <5              | <5           | <5           | <5           | N/A          | <5           | <5           | N/A          | <5           | <5           | <5           | <5           | <5              | N/A             |
|                                                       | 3/25/2025   | N/A             | N/A            | N/A             | <5           | N/A          | N/A          | N/A          | N/A          | <5           | N/A          | N/A          | N/A          | N/A          | N/A          | N/A             | N/A             |
|                                                       | 11/4/2025   | <5              | <5             | N/A             | <5           | <5           | <5           | <5           | <5           | <5           | <5           | <5           | <5           | <5           | <5           | <5              | N/A             |
|                                                       | 11/4/2025   | N/A             | N/A            | N/A             | <5           | N/A          | N/A          | N/A          | N/A          | <5           | N/A          | N/A          | N/A          | N/A          | N/A          | N/A             | N/A             |
| Ethylbenzene, ug/L (CAS NO - 100-41-4)                | 3/25/2025   | <1              | <1             | <1              | <1           | <1           | <1           | N/A          | <1           | <1           | N/A          | <1           | <1           | <1           | <1           | <1              | N/A             |
|                                                       | 3/25/2025   | N/A             | N/A            | N/A             | <1           | N/A          | N/A          | N/A          | N/A          | <1           | N/A          | N/A          | N/A          | N/A          | N/A          | N/A             | N/A             |
|                                                       | 11/4/2025   | <1              | <1             | N/A             | <1           | <1           | <1           | <1           | <1           | 0.802*       | <1           | <1           | <1           | <1           | <1           | <1              | N/A             |
|                                                       | 11/4/2025   | N/A             | N/A            | N/A             | <1           | N/A          | N/A          | N/A          | N/A          | 0.858*       | <1           | <1           | <1           | <1           | <1           | <1              | N/A             |
| Iodomethane, ug/L (CAS NO - 74-88-4)                  | 3/25/2025   | <10             | <10            | <10             | <10          | <10          | <10          | N/A          | <10          | <10          | N/A          | <10          | <10          | <10          | <10          | <10             | N/A             |
|                                                       | 3/25/2025   | N/A             | N/A            | N/A             | <10          | N/A          | N/A          | N/A          | N/A          | <10          | N/A          | N/A          | N/A          | N/A          | N/A          | N/A             | N/A             |
|                                                       | 11/4/2025   | <10             | <10            | N/A             | <10          | <10          | <10          | <10          | <10          | <10          | <10          | <10          | <10          | <10          | <10          | <10             | N/A             |
|                                                       | 11/4/2025   | N/A             | N/A            | N/A             | <10          | N/A          | N/A          | N/A          | N/A          | <10          | N/A          | N/A          | N/A          | N/A          | N/A          | N/A             | N/A             |
| Methylene Bromide, ug/L (CAS NO - 74-95-3)            | 3/25/2025   | <1              | <1             | <1              | <1           | <1           | <1           | N/A          | <1           | <1           | N/A          | <1           | <1           | <1           | <1           | <1              | N/A             |
|                                                       | 3/25/2025   | N/A             | N/A            | N/A             | <1           | N/A          | N/A          | N/A          | N/A          | <1           | N/A          | <1           | N/A          | N/A          | N/A          | N/A             | N/A             |
|                                                       | 11/4/2025   | <1              | <1             | N/A             | <1           | <1           | <1           | <1           | <1           | <1           | <1           | <1           | <1           | <1           | <1           | <1              | N/A             |
|                                                       | 11/4/2025   | N/A             | N/A            | N/A             | <1           | N/A          | N/A          | N/A          | N/A          | <1           | N/A          | <1           | N/A          | N/A          | N/A          | N/A             | N/A             |
| Methylene Chloride, ug/L (CAS NO - 75-09-2)           | 3/25/2025   | <5              | <5             | <5              | <5           | <5           | <5           | N/A          | <5           | <5           | N/A          | <5           | <5           | <5           | <5           | <5              | N/A             |
|                                                       | 3/25/2025   | N/A             | N/A            | N/A             | <5           | N/A          | N/A          | N/A          | N/A          | <5           | N/A          | N/A          | N/A          | N/A          | N/A          | N/A             | N/A             |
|                                                       | 11/4/2025   | <5              | <5             | N/A             | <5           | <5           | <5           | <5           | <5           | <5           | <5           | <5           | <5           | <5           | <5           | <5              | N/A             |
|                                                       | 11/4/2025   | N/A             | N/A            | N/A             | <5           | N/A          | N/A          | N/A          | N/A          | <5           | N/A          | N/A          | N/A          | N/A          | N/A          | N/A             | N/A             |
| Styrene, ug/L (CAS NO - 100-42-5)                     | 3/25/2025   | <1              | <1             | <1              | <1           | <1           | <1           | N/A          | <1           | <1           | N/A          | <1           | <1           | <1           | <1           | <1              | N/A             |
|                                                       | 3/25/2025   | N/A             | N/A            | N/A             | <1           | N/A          | N/A          | N/A          | N/A          | <1           | N/A          | N/A          | N/A          | N/A          | N/A          | N/A             | N/A             |
|                                                       | 11/4/2025   | <1              | <1             | N/A             | <1           | <1           | <1           | <1           | <1           | <1           | <1           | <1           | <1           | <1           | <1           | <1              | N/A             |
|                                                       | 11/4/2025   | N/A             | N/A            | N/A             | <1           | N/A          | N/A          | N/A          | N/A          | <1           | N/A          | N/A          | N/A          | N/A          | N/A          | N/A             | N/A             |
| Tetrachloroethene, ug/L (CAS NO - 127-18-4)           | 3/25/2025   | <1              | <1             | <1              | <1           | <1           | <1           | N/A          | <1           | <1           | N/A          | <1           | <1           | <1           | <1           | <1              | N/A             |
|                                                       | 3/25/2025   | N/A             | N/A            | N/A             | <1           | N/A          | N/A          | N/A          | N/A          | <1           | N/A          | N/A          | N/A          | N/A          | N/A          | N/A             | N/A             |
|                                                       | 11/4/2025   | <1              | <1             | N/A             | <1           | <1           | <1           | <1           | <1           | <1           | <1           | <1           | <1           | <1           | <1           | <1              | N/A             |
|                                                       | 11/4/2025   | N/A             | N/A            | N/A             | <1           | N/A          | N/A          | N/A          | N/A          | <1           | N/A          | N/A          | N/A          | N/A          | N/A          | N/A             | N/A             |
| Toluene, ug/L (CAS NO - 108-88-3)                     | 3/25/2025   | <1              | <1             | <1              | <1           | <1           | <1           | N/A          | <1           | <1           | N/A          | <1           | <1           | <1           | <1           | <1              | N/A             |
|                                                       | 3/25/2025   | N/A             | N/A            | N/A             | <1           | N/A          | N/A          | N/A          | N/A          | <1           | N/A          | N/A          | N/A          | N/A          | N/A          | N/A             | N/A             |
|                                                       | 11/4/2025   | <1              | <1             | N/A             | <1           | <1           | <1           | <1           | <1           | 0.611*       | <1           | <1           | <1           | <1           | <1           | <1              | N/A             |
|                                                       | 11/4/2025   | N/A             | N/A            | N/A             | <1           | N/A          | N/A          | N/A          | N/A          | 0.59*        | N/A          | N/A          | N/A          | N/A          | N/A          | N/A             | N/A             |
| trans-1,2-Dichloroethene, ug/L (CAS NO - 156-60-5)    | 3/25/2025   | <1              | <1             | <1              | <1           | <1           | <1           | N/A          | <1           | <1           | N/A          | <1           | <1           | <1           | <1           | <1              | N/A             |
|                                                       | 3/25/2025   | N/A             | N/A            | N/A             | <1           | N/A          | N/A          | N/A          | N/A          | <1           | N/A          | N/A          | N/A          | N/A          | N/A          | N/A             | N/A             |
|                                                       | 11/4/2025   | <1              | <1             | N/A             | <1           | <1           | <1           | <1           | <1           | <1           | <1           | <1           | <1           | <1           | <1           | <1              | N/A             |
|                                                       | 11/4/2025   | N/A             | N/A            | N/A             | <1           | N/A          | N/A          | N/A          | N/A          | <1           | N/A          | N/A          | N/A          | N/A          | N/A          | N/A             | N/A             |
| trans-1,3-Dichloropropene, ug/L (CAS NO - 10061-02-6) | 3/25/2025   | <5              | <5             | <5              | <5           | <5           | <5           | N/A          | <5           | <5           | N/A          | <5           | <5           | <5           | <5           | <5              | N/A             |
|                                                       | 3/25/2025   | N/A             | N/A            | N/A             | <5           | N/A          | N/A          | N/A          | N/A          | <5           | N/A          | N/A          | N/A          | N/A          | N/A          | N/A             | N/A             |
|                                                       | 11/4/2025   | <5              | <5             | N/A             | <5           | <5           | <5           | <5           | <5           | <5           | <5           | <5           | <5           | <5           | <5           | <5              | N/A             |
|                                                       | 11/4/2025   | N/A             | N/A            | N/A             | <5           | N/A          | N/A          | N/A          | N/A          | <5           | N/A          | N/A          | N/A          | N/A          | N/A          | N/A             | N/A             |
| trans-1,4-Dichloro-2-Butene, ug/L (CAS NO - 110-57-6) | 3/25/2025   | <10             | <10            | <10             | <10          | <10          | <10          | N/A          | <10          | <10          | N/A          | <10          | <10          | <10          | <10          | <10             | N/A             |
|                                                       | 3/25/2025   | N/A             | N/A            | N/A             | <10          | N/A          | N/A          | N/A          | N/A          | <10          | N/A          | N/A          | N/A          | N/A          | N/A          | N/A             | N/A             |
|                                                       | 11/4/2025   | <10             | <10            | N/A             | <10          | <10          | <10          | <10          | <10          | <10          | <10          | <10          | <10          | <10          | <10          | <10             | N/A             |
|                                                       | 11/4/2025   | N/A             | N/A            | N/A             | <10          | N/A          | N/A          | N/A          | N/A          | <10          | N/A          | N/A          | N/A          | N/A          | N/A          | N/A             | N/A             |
| Trichloroethene, ug/L (CAS NO - 79-01-6)              | 3/25/2025   | <1              | <1             | <1              | <1           | <1           | <1           | N/A          | <1           | <1           | N/A          | <1           | <1           | <1           | <1           | <1              | N/A             |
|                                                       | 3/25/2025   | N/A             | N/A            | N/A             | <1           | N/A          | N/A          | N/A          | N/A          | <1           | N/A          | N/A          | N/A          | N/A          | N/A          | N/A             | N/A             |
|                                                       | 11/4/2025   | <1              | <1             | N/A             | <1           | <1           | <1           | <1           | <1           | <1           | <1           | <1           | <1           | <1           | <1           | <1              | N/A             |
|                                                       | 11/4/2025   | N/A             | N/A            | N/A             | <1           | N/A          | N/A          | N/A          | N/A          | <1           | N/A          | N/A          | N/A          | N/A          | N/A          | N/A             | N/A             |
| Trichlorofluoromethane, ug/L (CAS NO - 75-69-4)       | 3/25/2025   | <4              | <4             | <4              | <4           | <4           | <4           | N/A          | <4           | <4           | N/A          | <4           | <4           | <4           | <4           | <4              | N/A             |
|                                                       | 3/25/2025   | N/A             | N/A            | N/A             | <4           | N/A          | N/A          | N/A          | N/A          | <4           | N/A          | N/A          | N/A          | N/A          | N/A          | N/A             | N/A             |
|                                                       | 11/4/2025   | <4              | <4             | N/A             | <4           | <4           | <4           | <4           | <4           | <4           | <4           | <4           | <4           | <4           | <4           | <4              | N/A             |
|                                                       | 11/4/2025   | N/A             | N/A            | N/A             | <4           | N/A          | N/A          | N/A          | N/A          | <4           | N/A          | N/A          | N/A          | N/A          | N/A          | N/A             | N/A             |
| Vinyl Acetate, ug/L (CAS NO - 108-05-4)               | 3/25/2025   | <10             | <10            | <10             | <10          | <10          | <10          | N/A          | <10          | <10          | N/A          | <10          | <10          | <10          | <10          | <10             | N/A             |
|                                                       | 3/25/2025   | N/A             | N/A            | N/A             | <10          | N/A          | N/A          | N/A          | N/A          | <10          | N/A          | N/A          | N/A          | N/A          | N/A          | N/A             | N/A             |
|                                                       | 11/4/2025   | <10             | <10            | N/A             | <10          | <10          | <10          | <10          | <10          | <10          | <10          | <10          | <10          | <10          | <10          | <10             | N/A             |
|                                                       | 11/4/2025   | N/A             | N/A            | N/A             | <10          | N/A          | N/A          | N/A          | N/A          | <10          | N/A          | N/A          | N/A          | N/A          | N/A          | N/A             | N/A             |
| Vinyl Chloride, ug/L (CAS NO - 75-01-4)               | 3/25/2025   | <1              | <1             | <1              | <1           | 0.738*       | <1           | N/A          | <1           | <1           | N/A          | <1           | <1           | <1           | <1           | <1              | N/A             |
|                                                       | 3/25/2025   | N/A             | N/A            | N/A             | <1           | N/A          | N/A          | N/A          | N/A          | <1           | N/A          | N/A          | N/A          | N/A          | N/A          | N/A             | N/A             |
|                                                       | 11/4/2025   | <1              | <1             | N/A             | <1           | 0.727*       | <1           | <1           | <1           | <1           | <1           | <1           | <1           | <1           | <1           | <1              | N/A             |
|                                                       | 11/4/2025   | N/A             | N/A            | N/A             | <1           | N/A          | N/A          | N/A          | N/A          | <1           | N/A          | N/A          | N/A          | N/A          | N/A          | N/A             | N/A             |
| Xylenes, total, ug/L (CAS NO - 1330-20-7)             | 3/25/2025   | <3              | <3             | <3              | <3           | <3           | <3           | N/A          | <3           | <3           | N/A          | <3           | <3           | <3           | <3           | <3              | N/A             |
|                                                       | 3/25/2025   | N/A             | N/A            | N/A             | <3           | N/A          | N/A          | N/A          | N/A          | <3           | N/A          | N/A          | N/A          | N/A          | N/A          | N/A             | N/A             |
|                                                       | 11/4/2025   | <3              | <3             | N/A             | <3           | <3           | <3           | <3           | <3           | 2.02*        | <3           | <3           | <3           | <3           | <3           | <3              | N/A             |
|                                                       | 11/4/2025   | N/A             | N/A            | N/A             | <3           | N/A          | N/A          | N/A          | N/A          | 2.08*        | N/A          | N/A          | N/A          | N/A          | N/A          | N/A             | N/A             |

Note: \* Indicates 'J' flag'. Detection is below the reporting limit, but greater than the MDL (Method Detection Limit). The concentration is estimated.

Denotes Detection  
Denotes Confirmed Outlier. Statistically Excluded  
Sampling performed over multiple dates is recorded on the first date sampled. Refer to field forms for exact sample date.

# SCS ENGINEERS

Summary of Groundwater Chemistry  
Clinton County Sanitary Landfill - 23-SDP-01-74P

|                                          | Sample Date | MW-06-7R<br>UPG | MW-05-2<br>DNG | MW-05-8R<br>DNG | MW-19<br>DNG | MW-20<br>DNG | MW-24<br>DNG | MW-28<br>DNG | MW-29<br>DNG | MW-32<br>DNG | MW-33<br>DNG | MW-39<br>DNG | MW-40<br>DNG | MW-41<br>DNG | MW-42<br>DNG | MW-90-11<br>DNG | MW-90-18<br>DNG |
|------------------------------------------|-------------|-----------------|----------------|-----------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-----------------|-----------------|
| Other Constituents                       |             |                 |                |                 |              |              |              |              |              |              |              |              |              |              |              |                 |                 |
| 2,4-D [2C], ug/L (CAS NO - 94-75-7)      | 3/25/2025   | N/A             | N/A            | N/A             | N/A          | N/A          | N/A          | N/A          | N/A          | N/A          | < 0.629      | N/A          | N/A          | N/A          | N/A          | N/A             | N/A             |
|                                          | 11/4/2025   | N/A             | N/A            | N/A             | N/A          | N/A          | N/A          | N/A          | N/A          | N/A          | < 0.615      | N/A          | N/A          | N/A          | N/A          | N/A             | N/A             |
| 3/4-Methylphenol, ug/L (CAS NO - T-34MP) | 3/25/2025   | N/A             | N/A            | N/A             | N/A          | N/A          | N/A          | N/A          | N/A          | N/A          | < 10.2       | N/A          | N/A          | N/A          | N/A          | N/A             | N/A             |
|                                          | 11/4/2025   | N/A             | N/A            | N/A             | N/A          | N/A          | N/A          | N/A          | N/A          | N/A          | < 10.4       | N/A          | N/A          | N/A          | N/A          | N/A             | N/A             |

Note: \* Indicates 'I flag'. Detection is below the reporting limit, but greater than the MDL (Method Detection Limit). The concentration is estimated.

Denotes Detection.

Denotes Confirmed Outlier. Statistically Excluded.

Sampling performed over multiple dates is recorded on the first date sampled. Refer to field forms for exact sample date.





## Appendix D

### Statistical Output



Attachment A

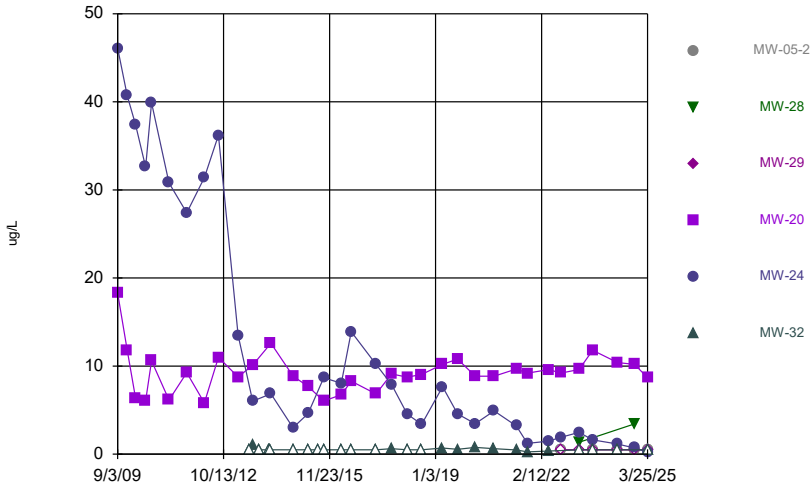
1<sup>st</sup> 2025 Statistical Evaluation Output



## Time Series Plot

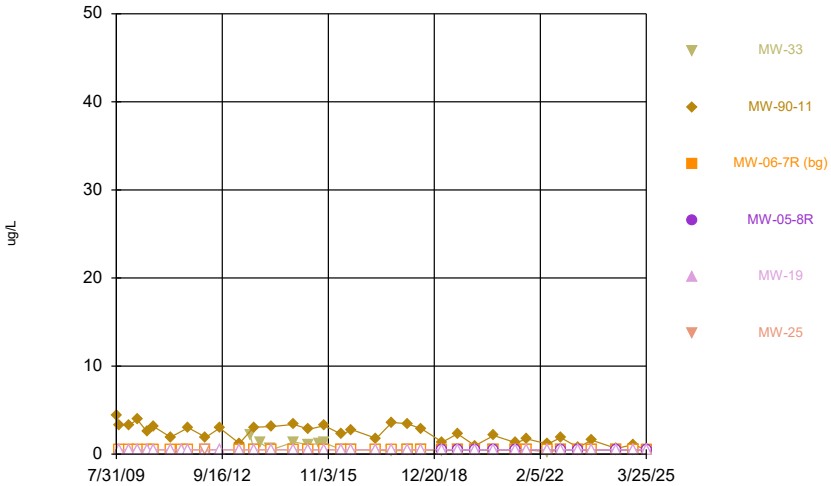
### Water Table Aquifer

Time Series



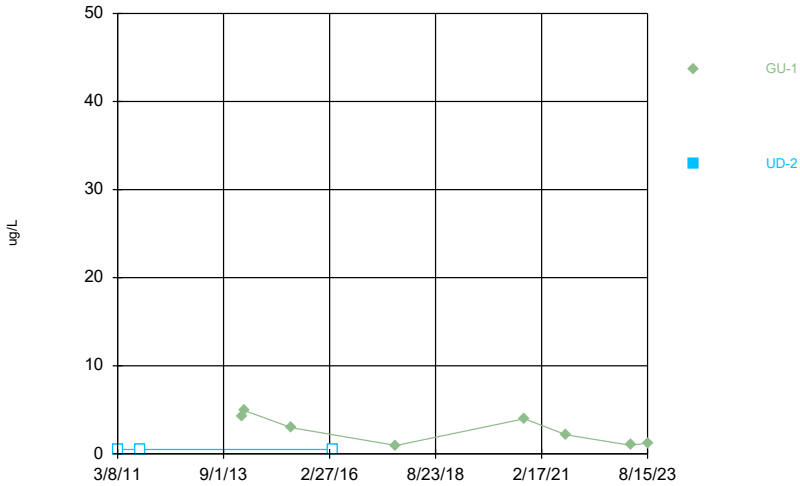
Constituent: 1,1-Dichloroethane Analysis Run 4/24/2025 11:20 AM View: 2025\_SSN-Time\_Series\_Main  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



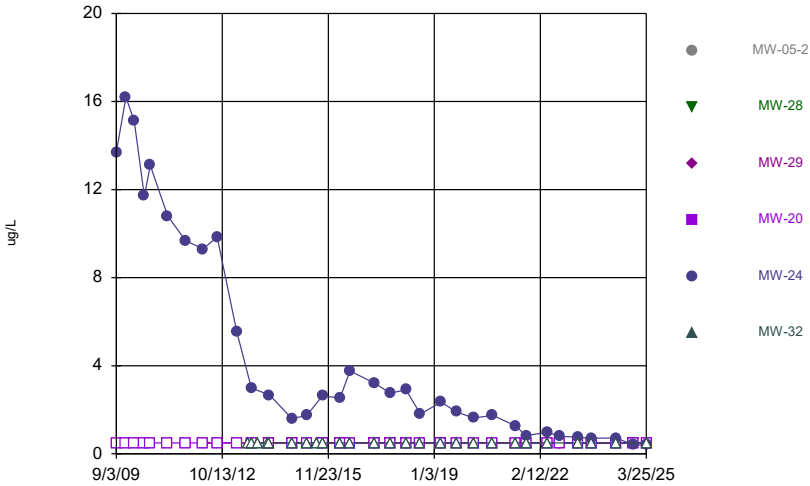
Constituent: 1,1-Dichloroethane Analysis Run 4/24/2025 11:20 AM View: 2025\_SSN-Time\_Series\_Main  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



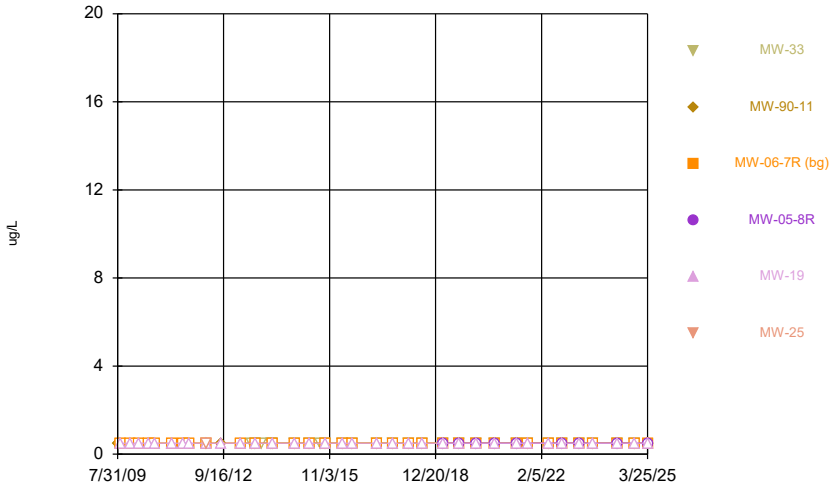
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Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



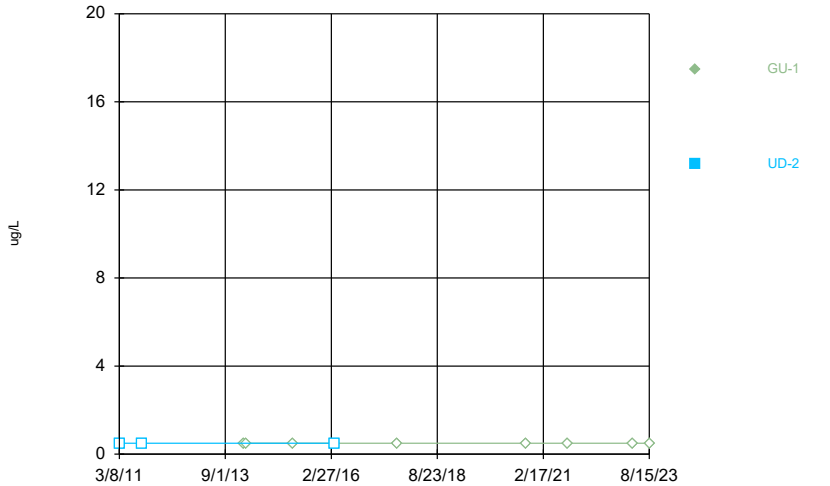
Constituent: 1,2-Dichloropropane Analysis Run 4/24/2025 11:20 AM View: 2025\_SSN-Time\_Series\_Main  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



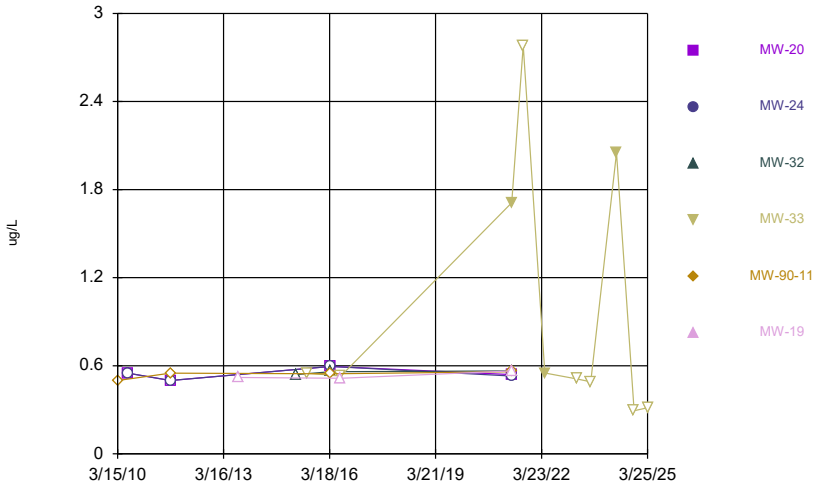
Constituent: 1,2-Dichloropropane    Analysis Run 4/24/2025 11:20 AM    View: 2025\_SSN-Time\_Series\_Main  
Clinton County SLF    Client: SCS Engineers    Data: CCASW ES Sanitas HMSP

Time Series



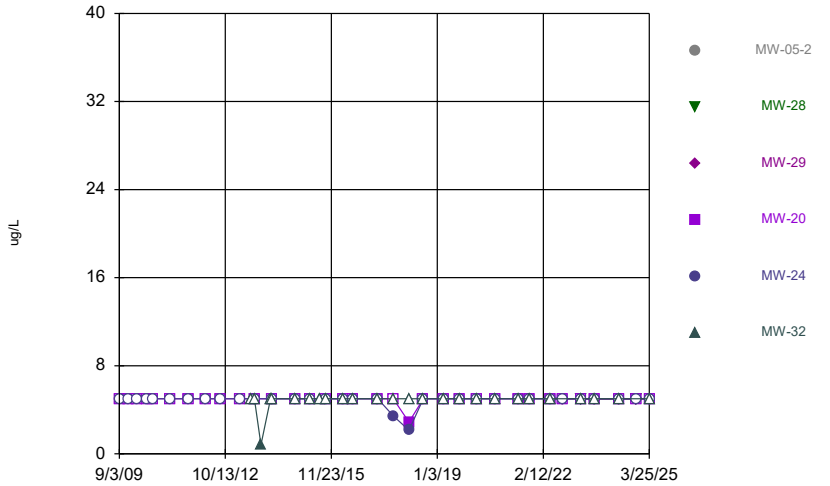
Constituent: 1,2-Dichloropropane    Analysis Run 4/24/2025 11:20 AM    View: 2025\_SSN-Time\_Series\_Main  
Clinton County SLF    Client: SCS Engineers    Data: CCASW ES Sanitas HMSP

Time Series



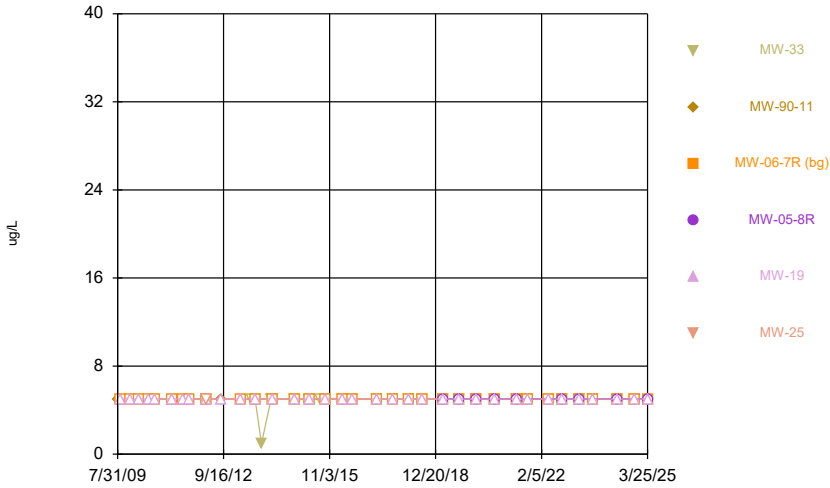
Constituent: 2,4-D [2C]    Analysis Run 4/24/2025 11:20 AM    View: 2025\_SSN-Time\_Series\_Main  
Clinton County SLF    Client: SCS Engineers    Data: CCASW ES Sanitas HMSP

Time Series



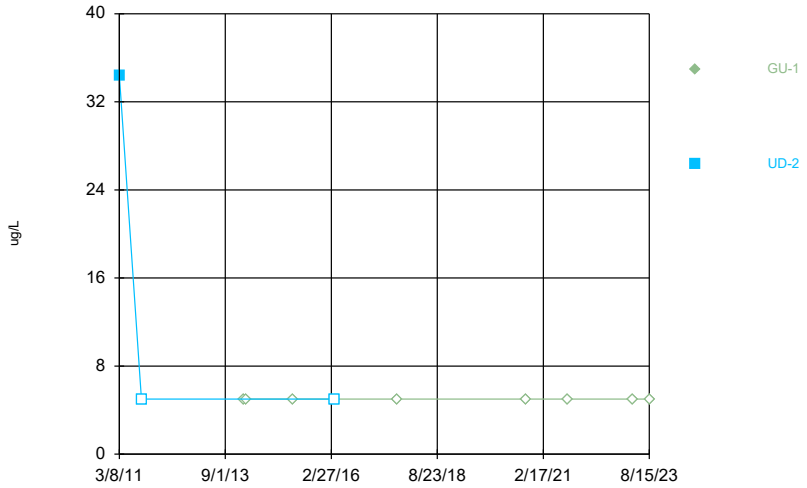
Constituent: 2-Butanone    Analysis Run 4/24/2025 11:20 AM    View: 2025\_SSN-Time\_Series\_Main  
Clinton County SLF    Client: SCS Engineers    Data: CCASW ES Sanitas HMSP

Time Series



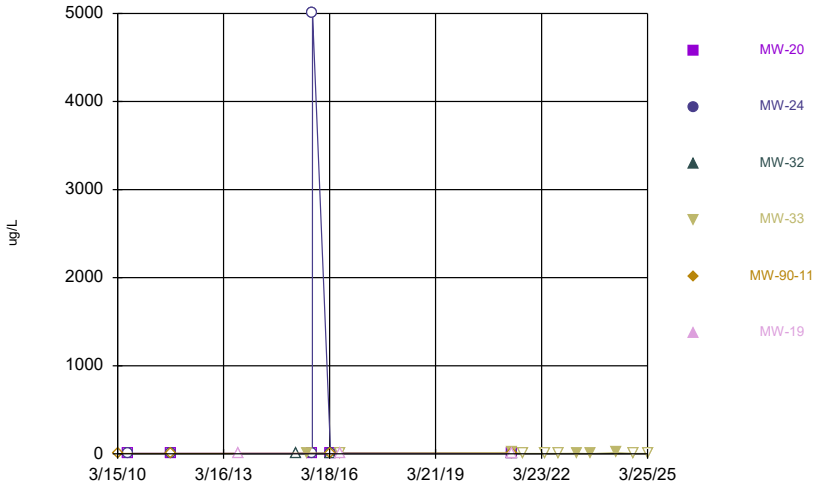
Constituent: 2-Butanone Analysis Run 4/24/2025 11:20 AM View: 2025\_SSN-Time\_Series\_Main  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



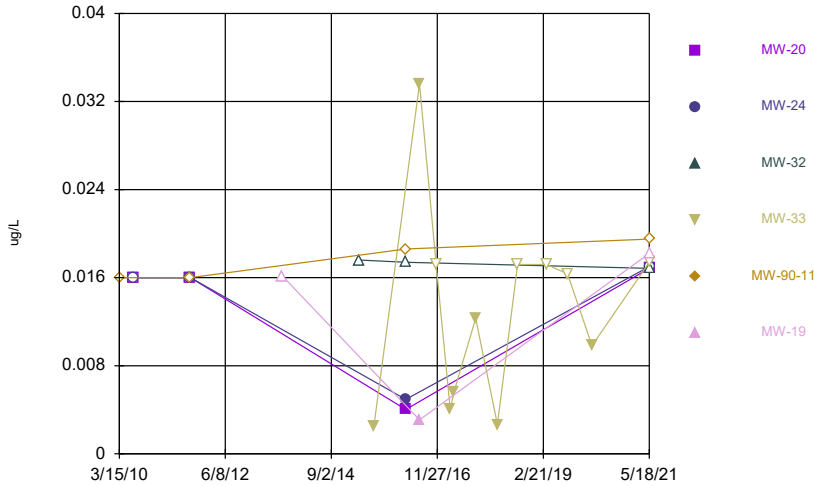
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Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



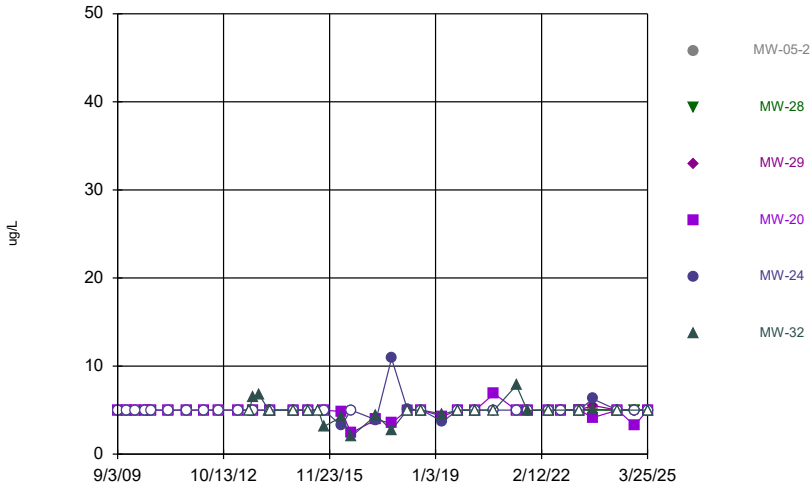
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Time Series



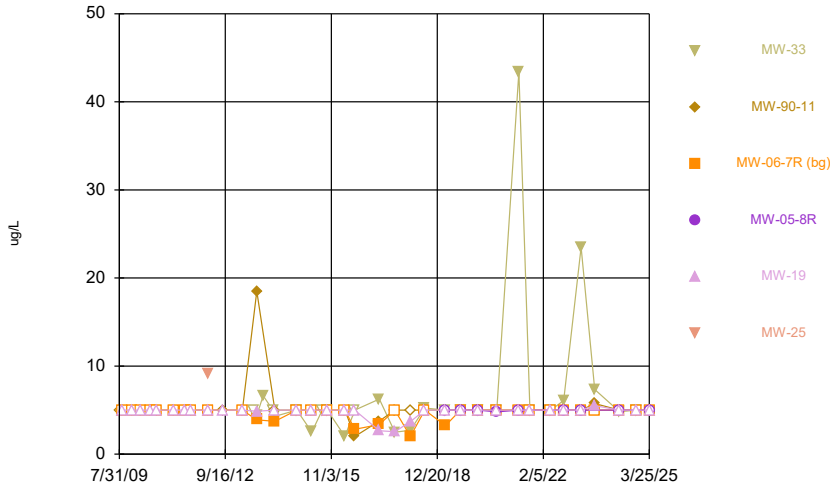
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Time Series



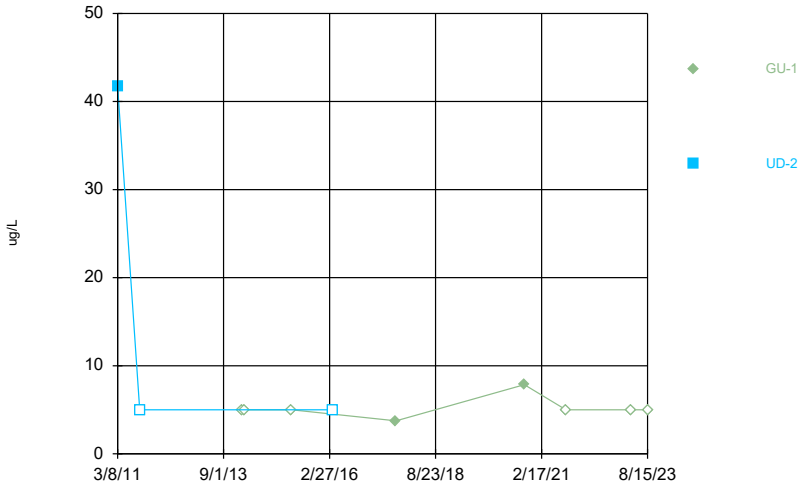
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Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



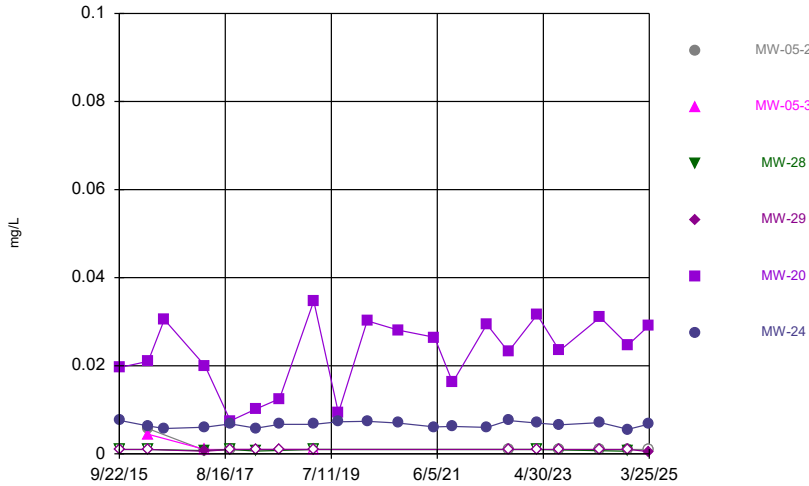
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Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



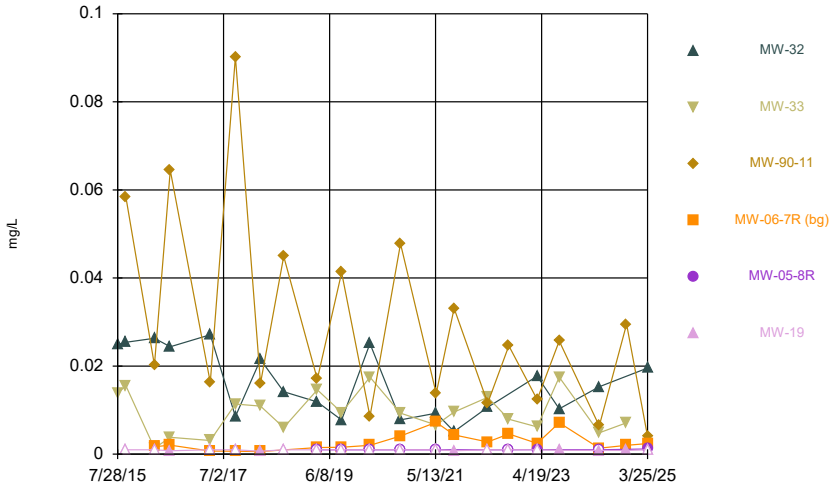
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Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



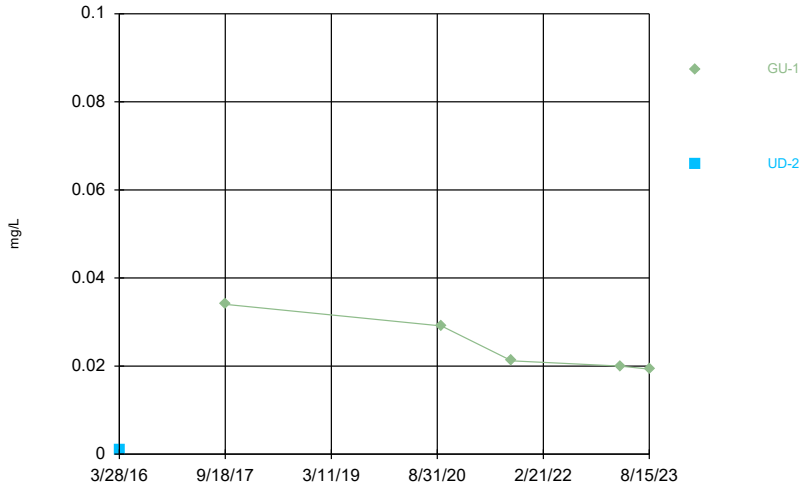
Constituent: Arsenic Analysis Run 4/24/2025 11:20 AM View: 2025\_SSN-Time\_Series\_Main  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



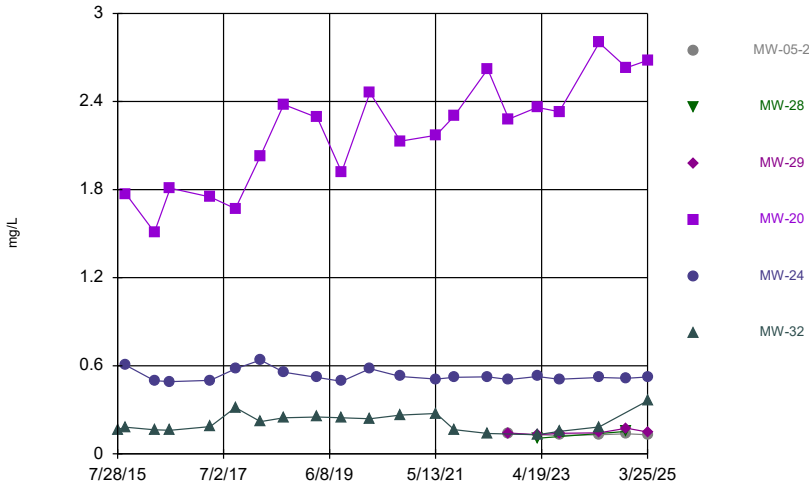
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Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



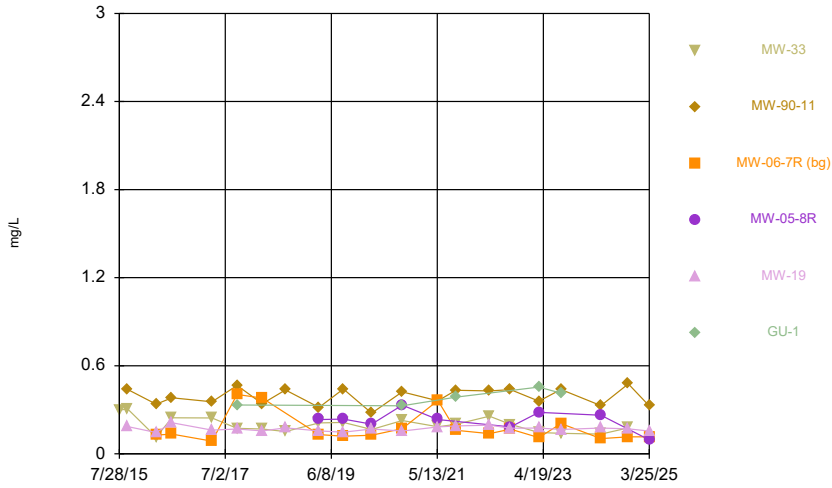
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Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



Constituent: Barium Analysis Run 4/24/2025 11:20 AM View: 2025\_SSN-Time\_Series\_Main  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



Constituent: Barium Analysis Run 4/24/2025 11:20 AM View: 2025\_SSN-Time\_Series\_Main  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

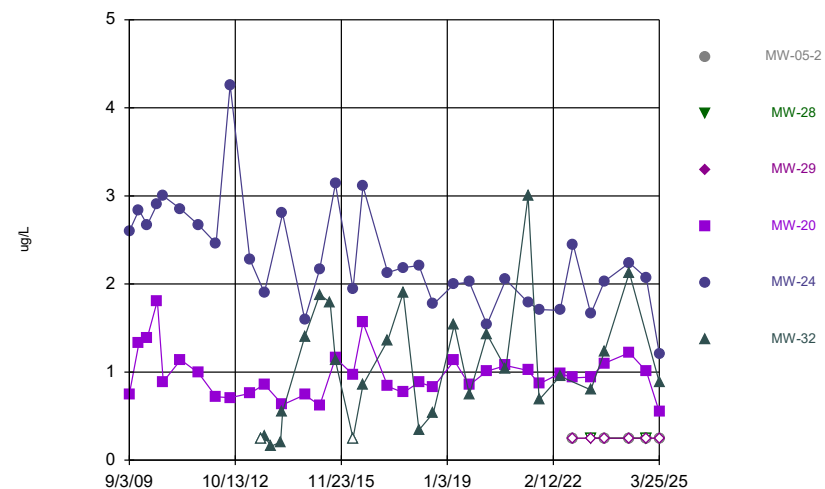


## Time Series



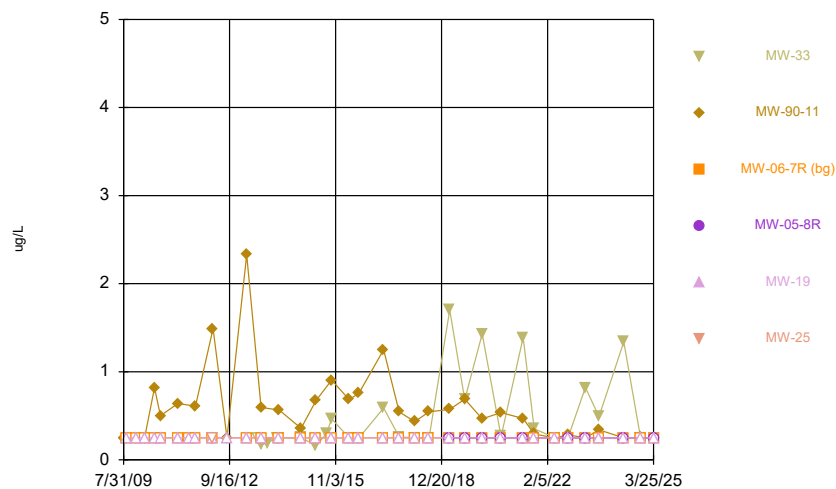
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Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

## Time Series



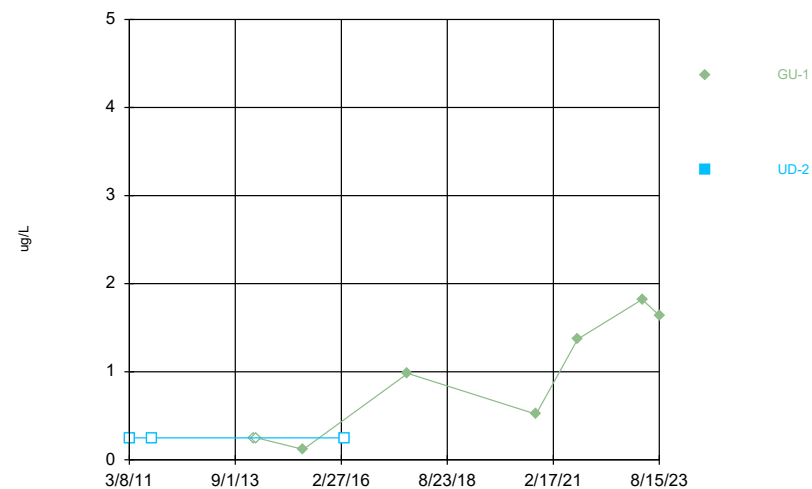
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Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

## Time Series



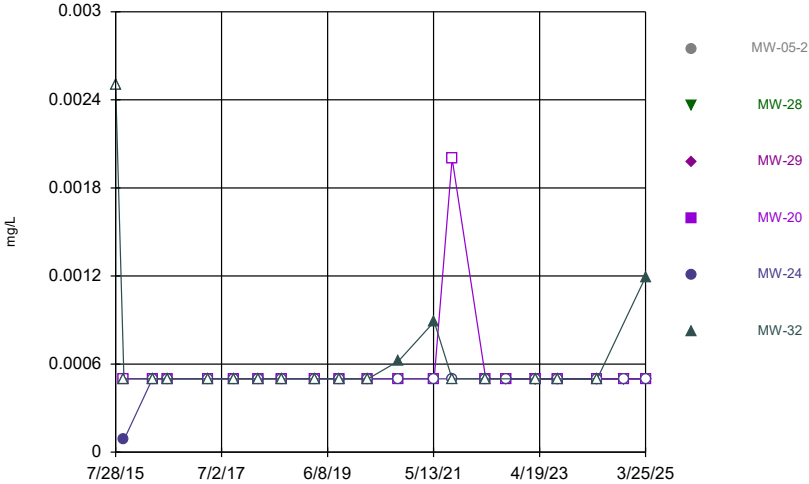
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Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

## Time Series



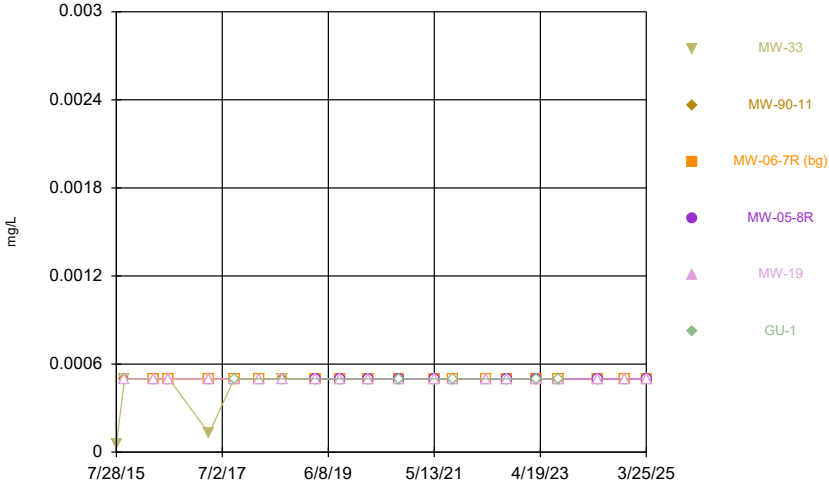
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Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



Constituent: Beryllium Analysis Run 4/24/2025 11:21 AM View: 2025\_SSN-Time\_Series\_Main  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



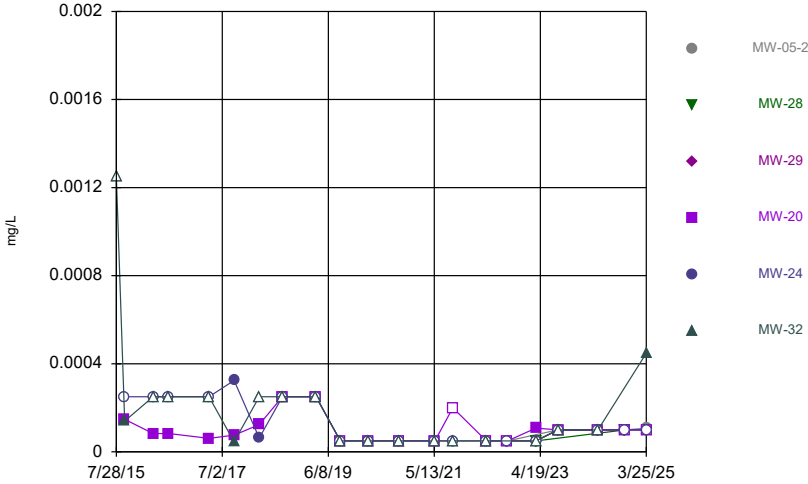
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Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



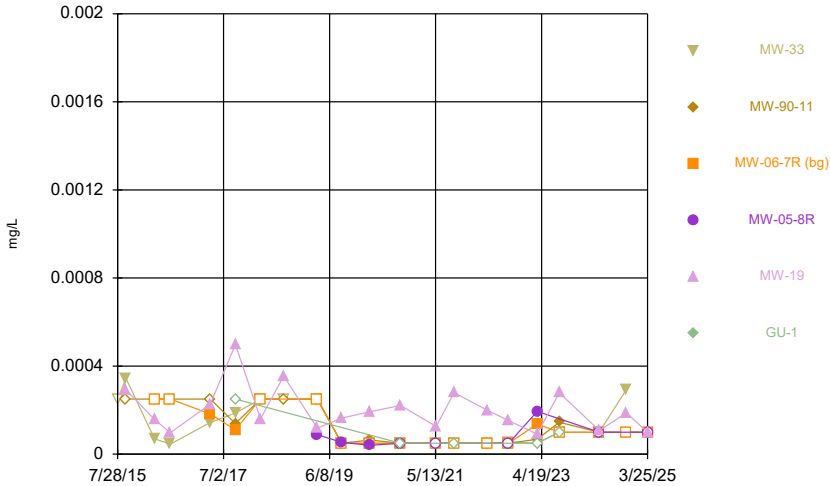
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Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



Constituent: Cadmium Analysis Run 4/24/2025 11:21 AM View: 2025\_SSN-Time\_Series\_Main  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



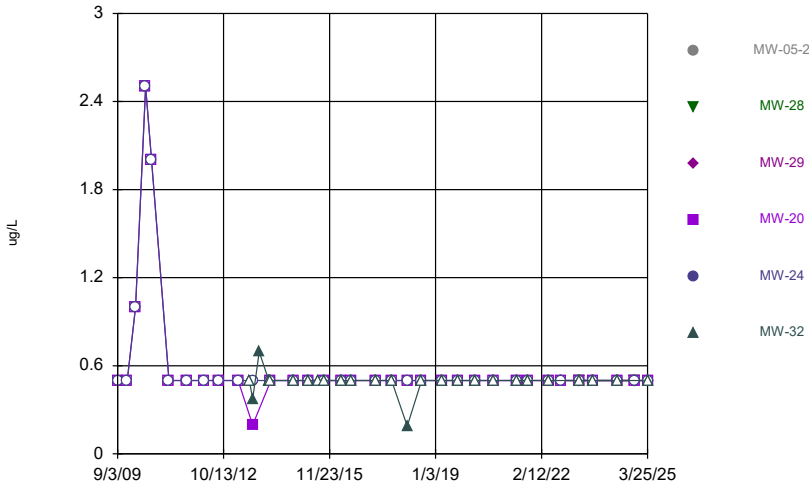
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Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



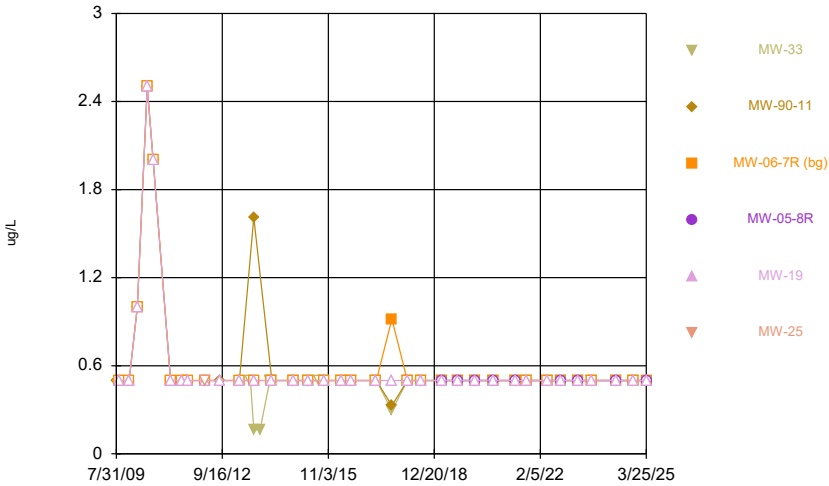
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Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



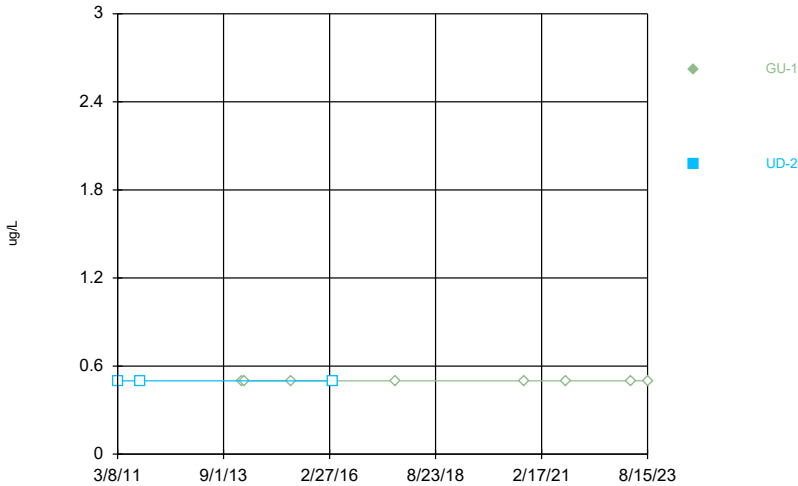
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Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



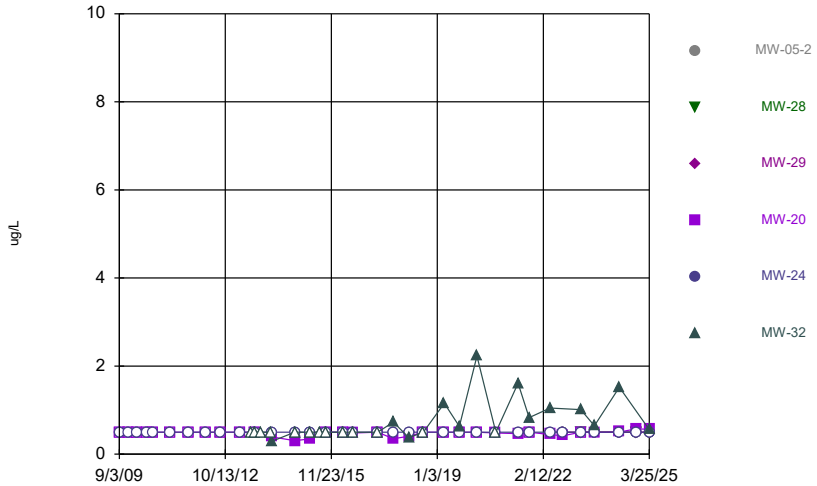
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Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



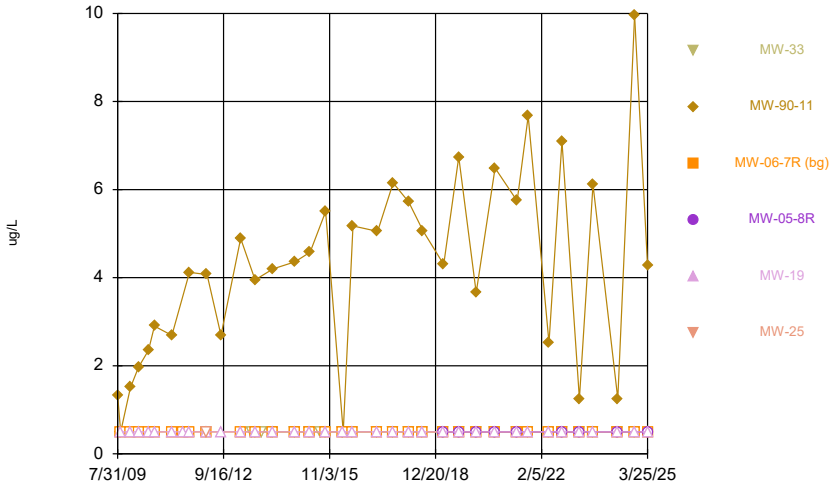
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Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



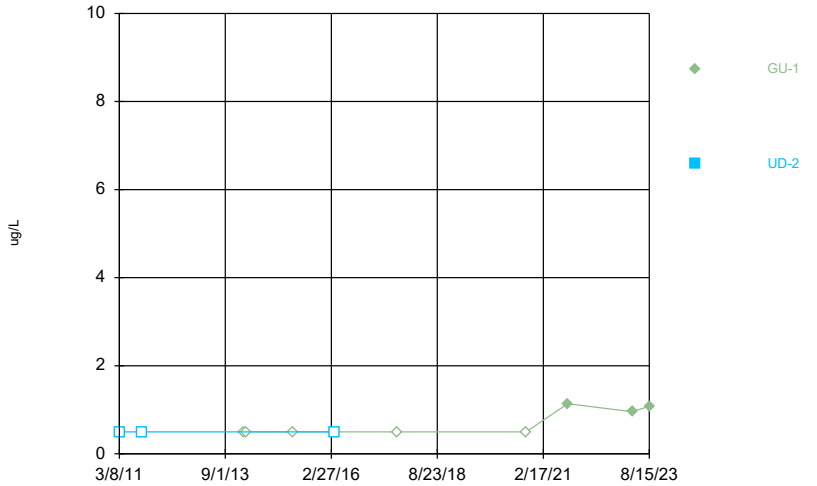
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Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



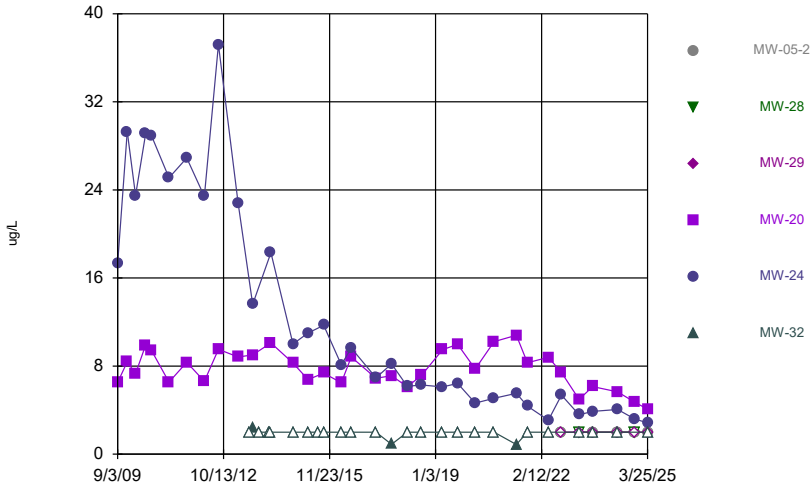
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Time Series



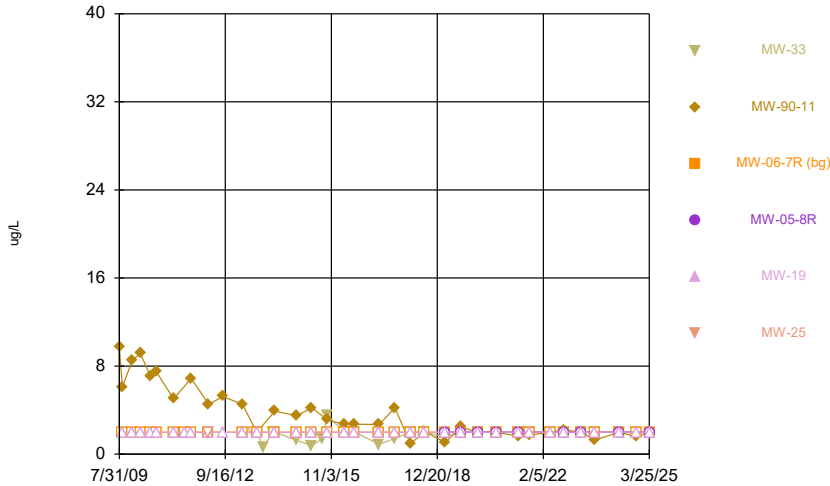
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Time Series



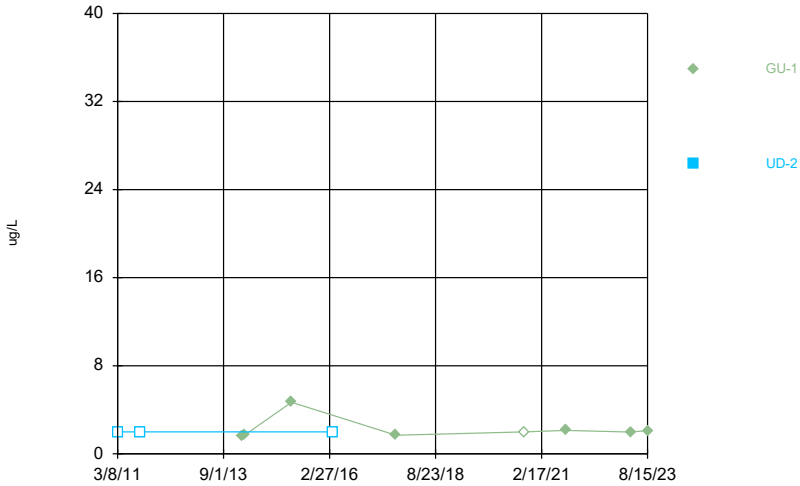
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Time Series



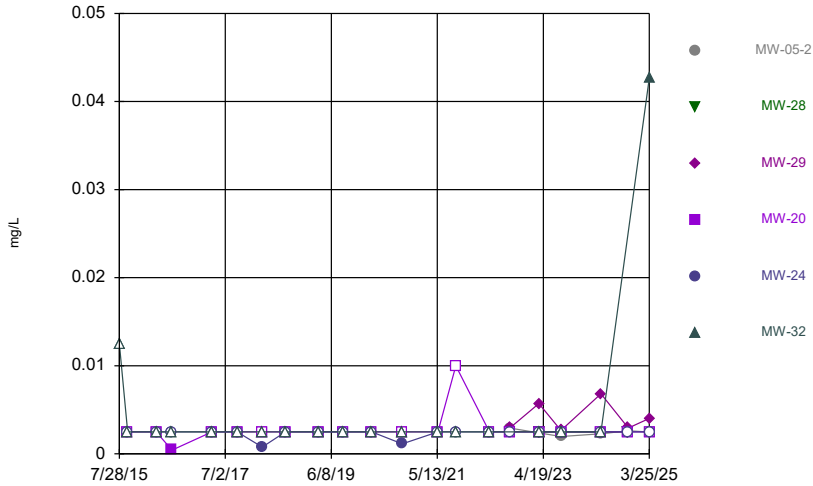
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Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



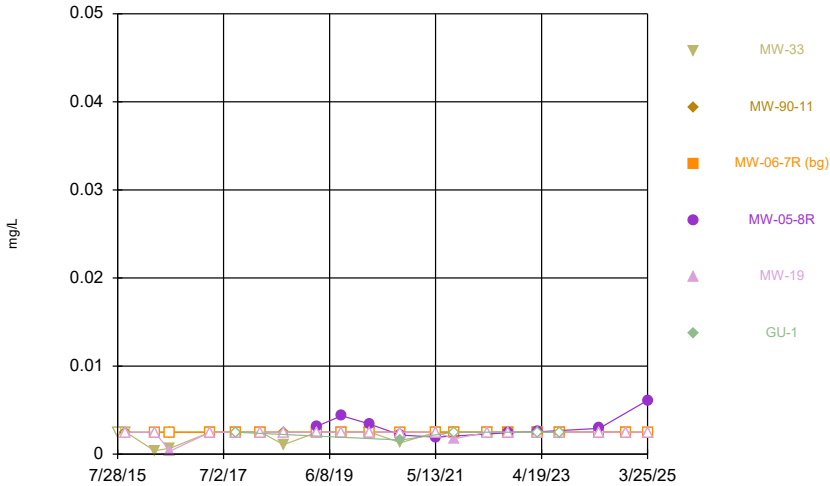
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Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



Constituent: Chromium Analysis Run 4/24/2025 11:21 AM View: 2025\_SSN-Time\_Series\_Main  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



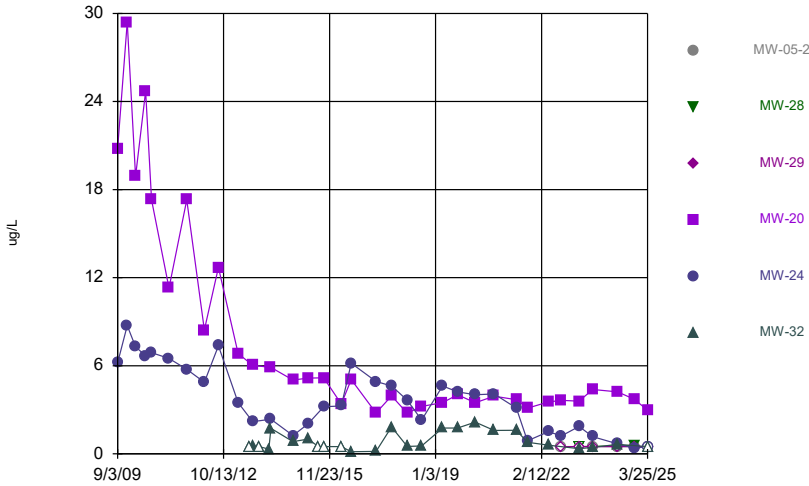
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Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



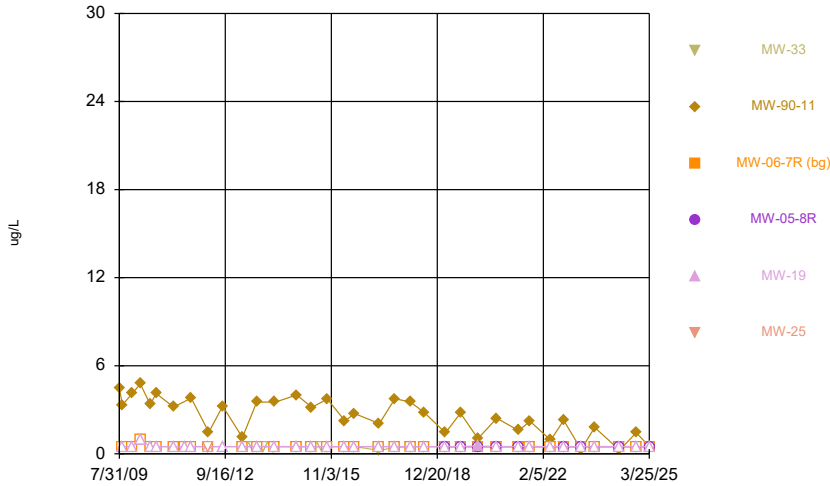
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Time Series



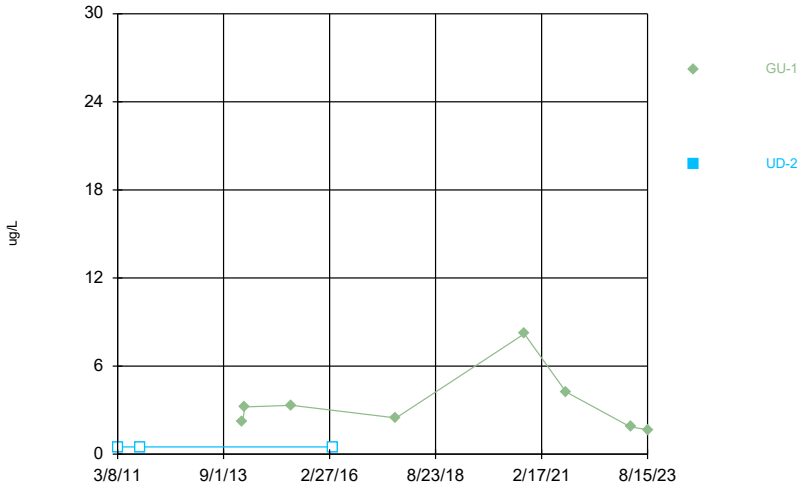
Constituent: cis-1,2-Dichloroethene Analysis Run 4/24/2025 11:21 AM View: 2025\_SSN-Time\_Series\_Mai  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



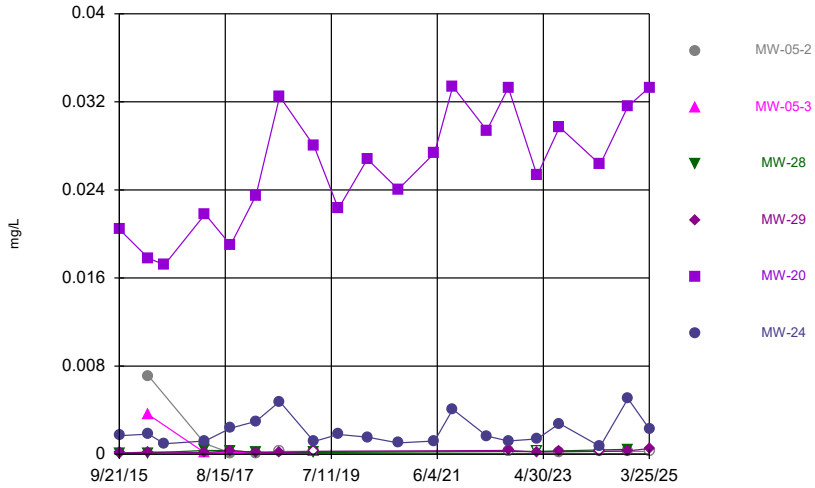
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Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



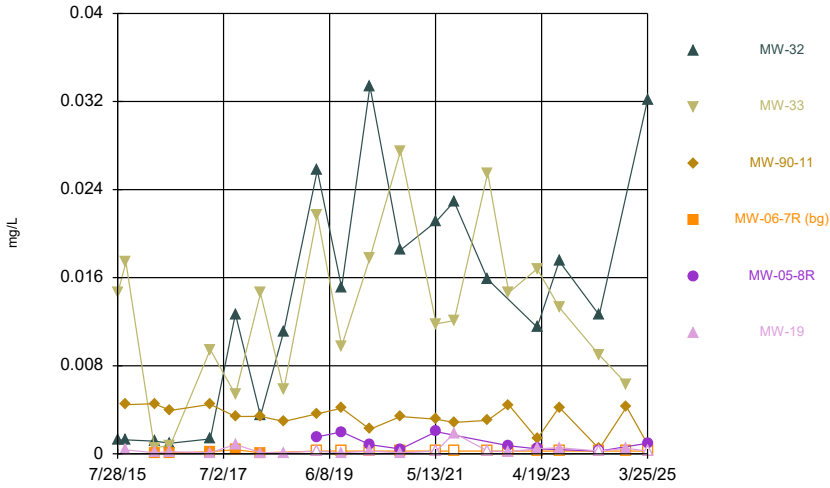
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Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



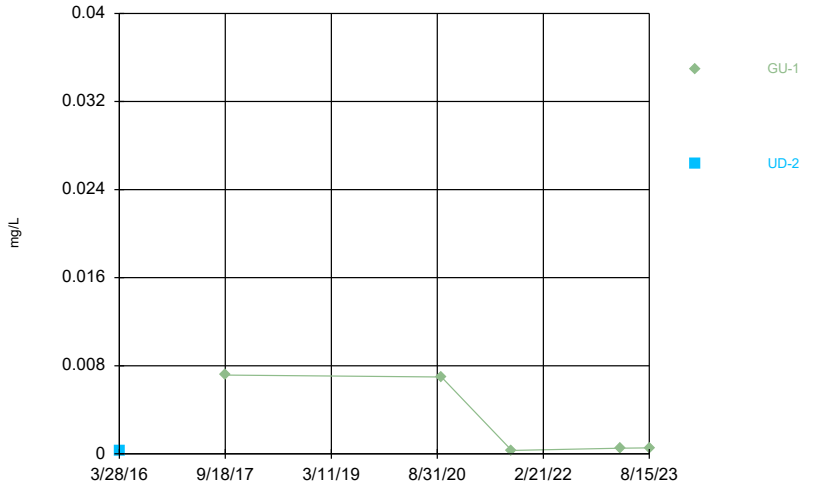
Constituent: Cobalt Analysis Run 4/24/2025 11:21 AM View: 2025\_SSN-Time\_Series\_Main  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



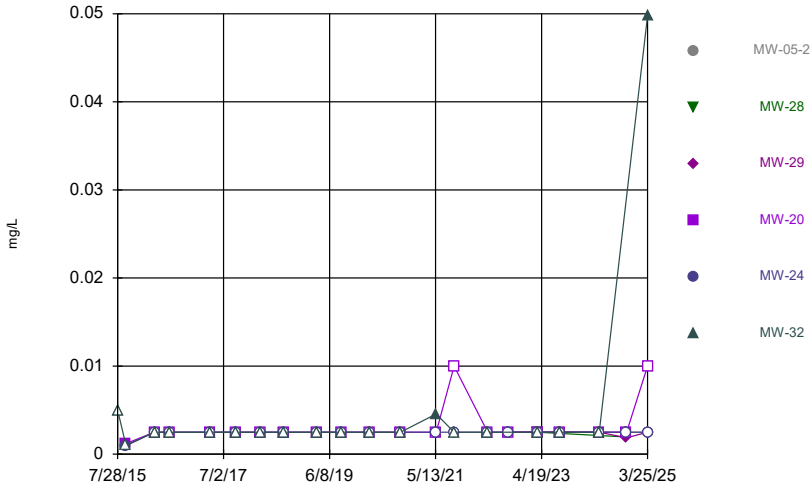
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Time Series



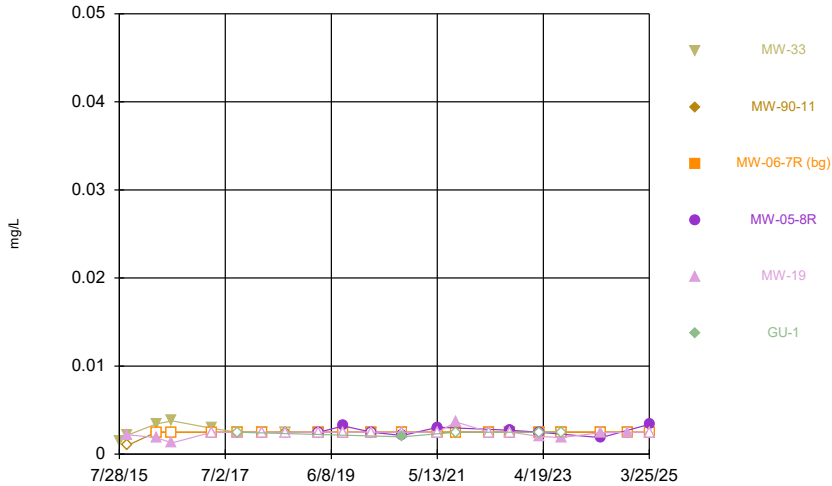
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Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



Constituent: Copper Analysis Run 4/24/2025 11:21 AM View: 2025\_SSN-Time\_Series\_Main  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



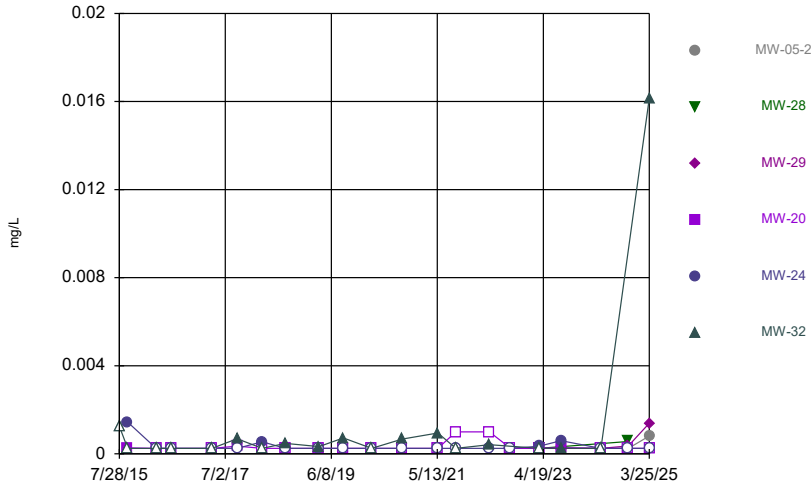
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Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



Constituent: Copper Analysis Run 4/24/2025 11:21 AM View: 2025\_SSN-Time\_Series\_Main  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

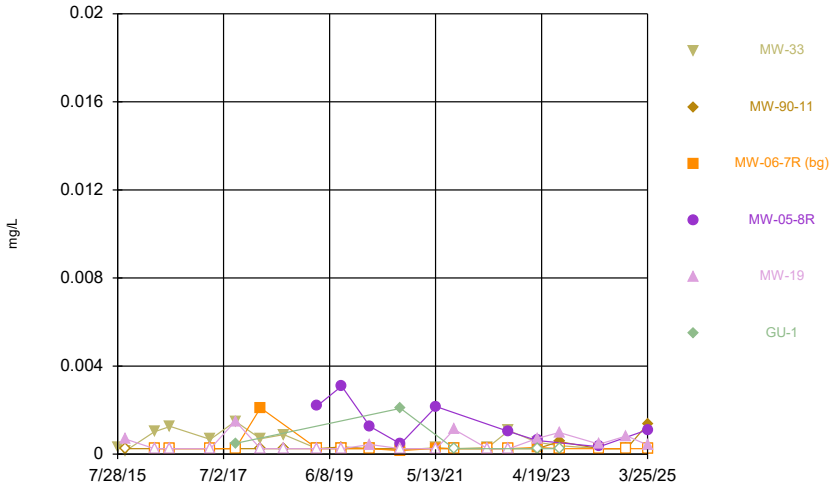
Time Series



Constituent: Lead Analysis Run 4/24/2025 11:21 AM View: 2025\_SSN-Time\_Series\_Main  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP



Time Series



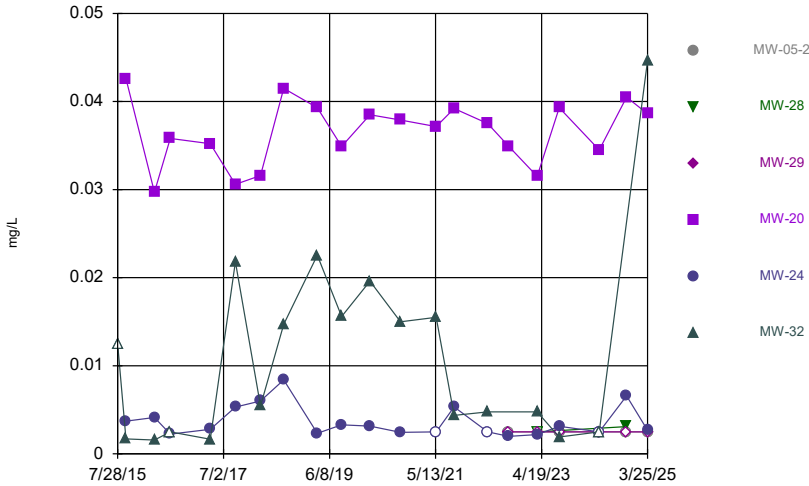
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Time Series



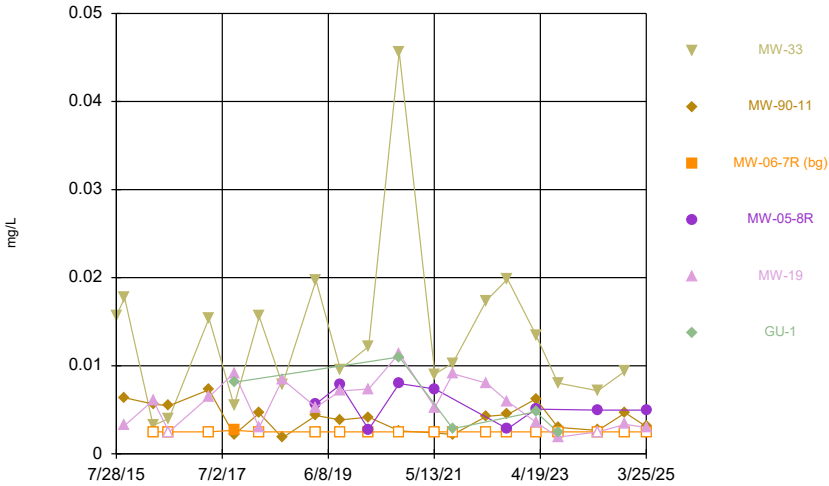
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Clinton County SLF    Client: SCS Engineers    Data: CCASW ES Sanitas HMSP

Time Series



Constituent: Nickel    Analysis Run 4/24/2025 11:21 AM    View: 2025\_SSN-Time\_Series\_Main  
Clinton County SLF    Client: SCS Engineers    Data: CCASW ES Sanitas HMSP

Time Series



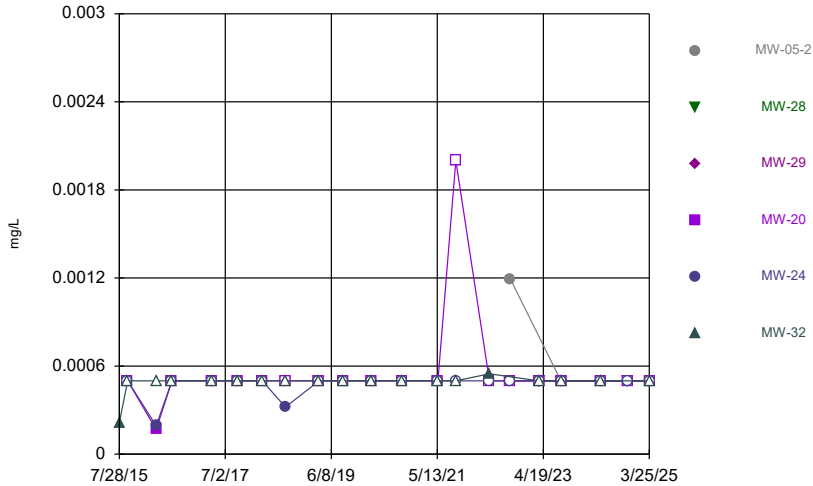
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Clinton County SLF    Client: SCS Engineers    Data: CCASW ES Sanitas HMSP

Time Series



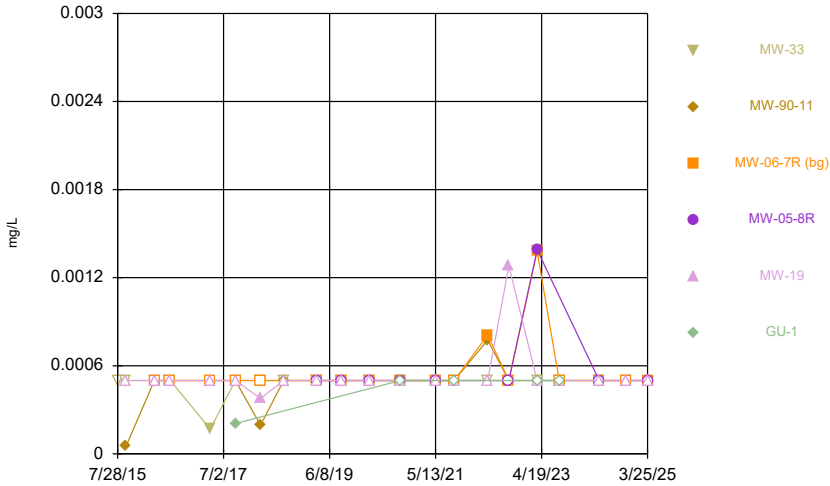
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Time Series



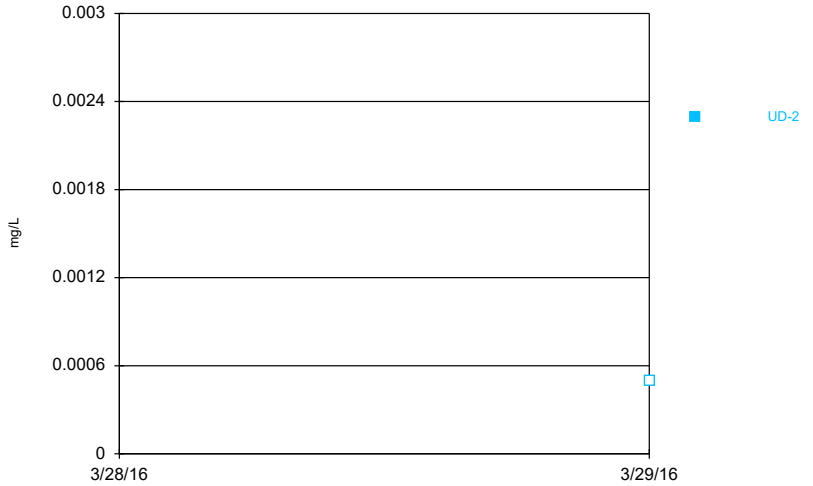
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Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



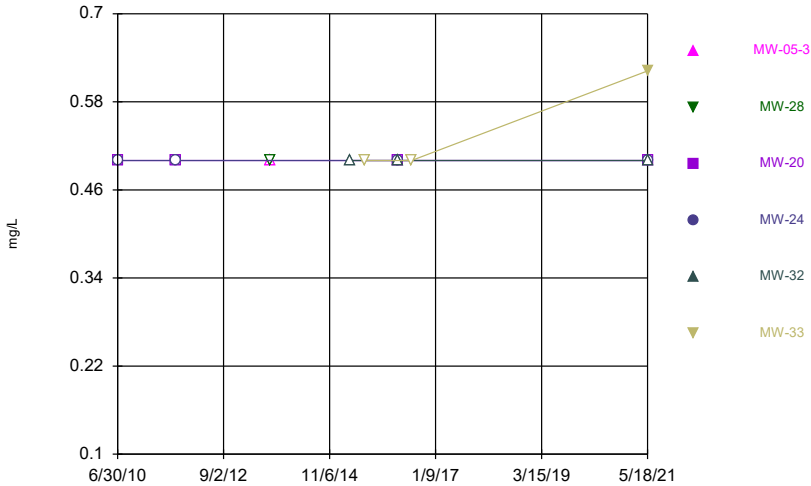
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Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



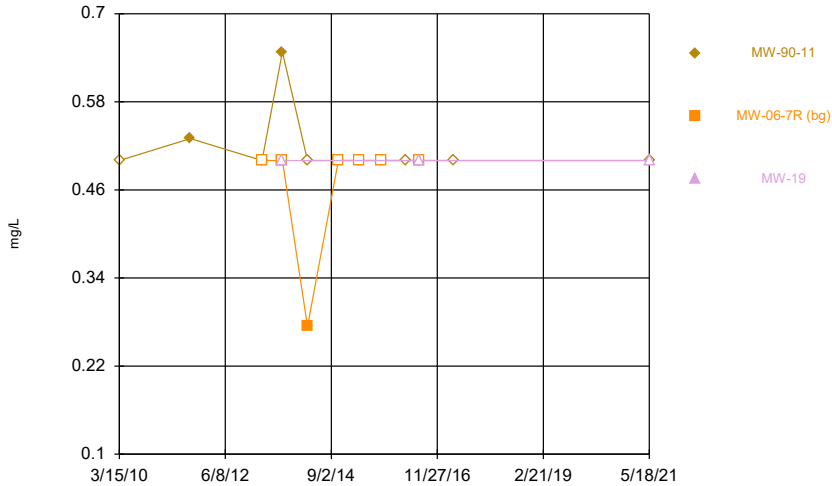
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Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



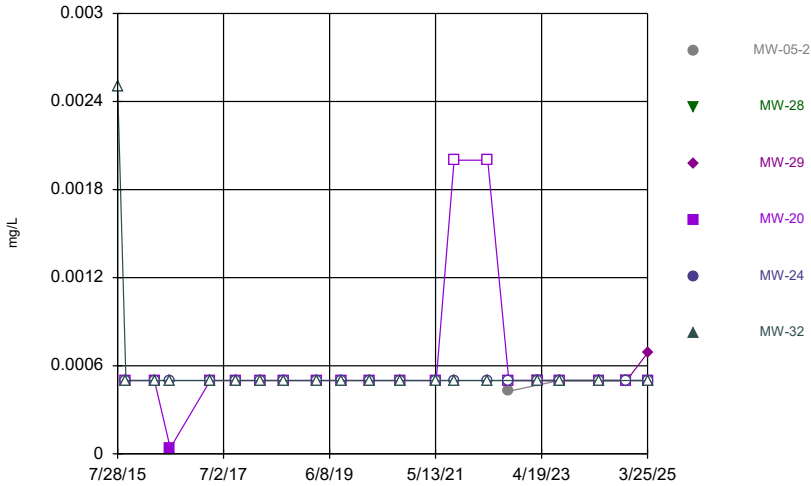
Constituent: Sulfide Analysis Run 4/24/2025 11:21 AM View: 2025\_SSN-Time\_Series\_Main  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



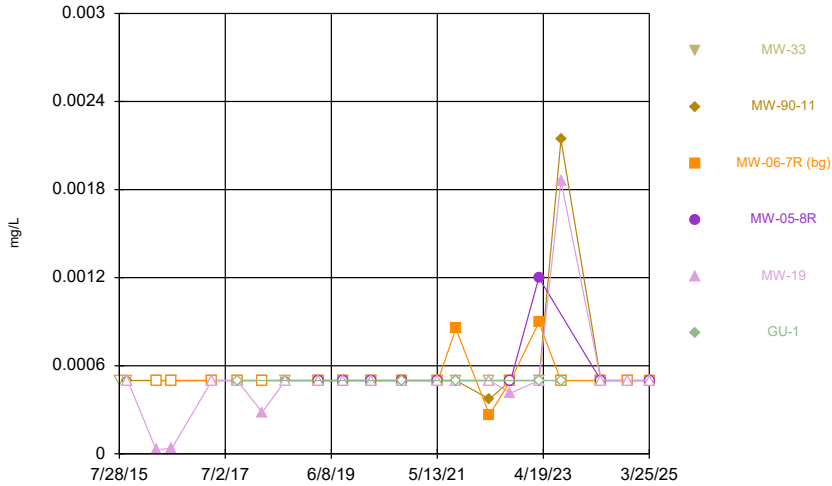
Constituent: Sulfide Analysis Run 4/24/2025 11:21 AM View: 2025\_SSN-Time\_Series\_Main  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



Constituent: Thallium Analysis Run 4/24/2025 11:21 AM View: 2025\_SSN-Time\_Series\_Main  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



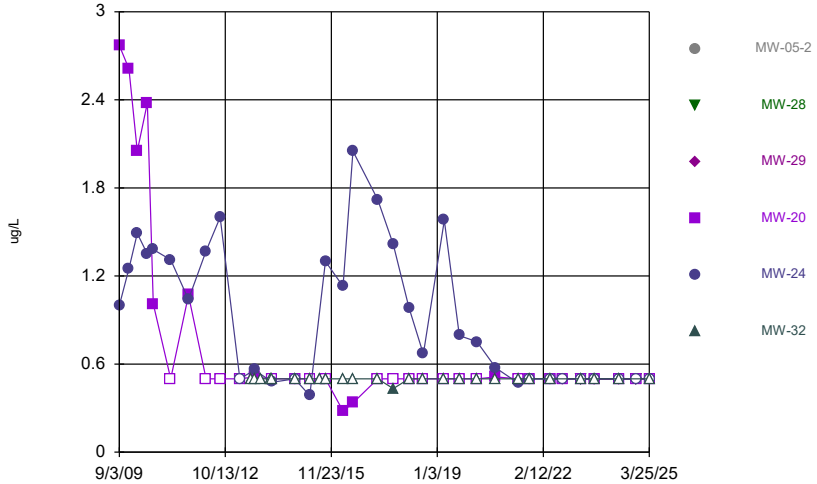
Constituent: Thallium Analysis Run 4/24/2025 11:21 AM View: 2025\_SSN-Time\_Series\_Main  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



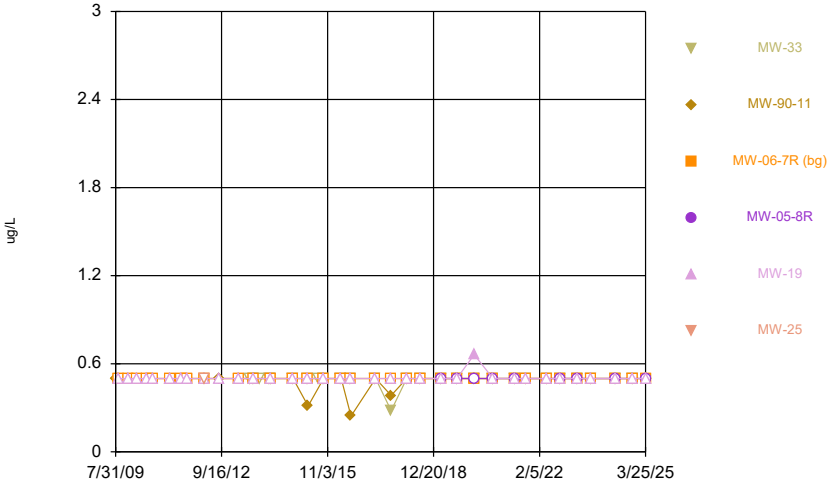
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Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



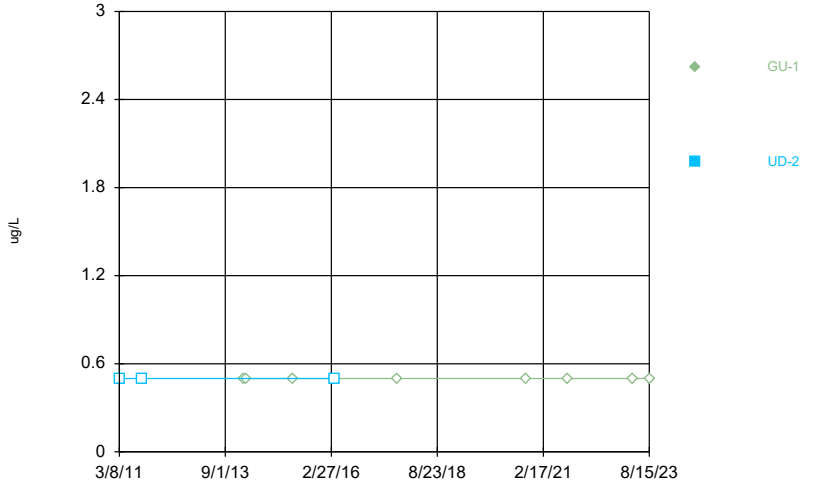
Constituent: Trichloroethene Analysis Run 4/24/2025 11:21 AM View: 2025\_SSN-Time\_Series\_Main  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



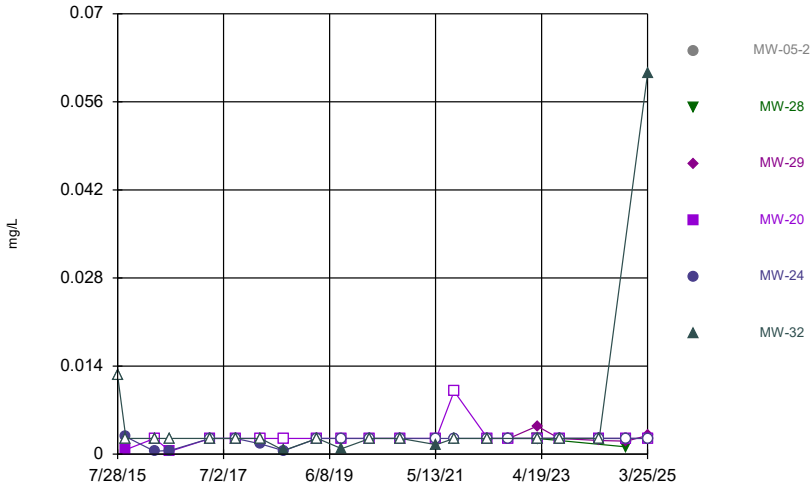
Constituent: Trichloroethene Analysis Run 4/24/2025 11:21 AM View: 2025\_SSN-Time\_Series\_Main  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



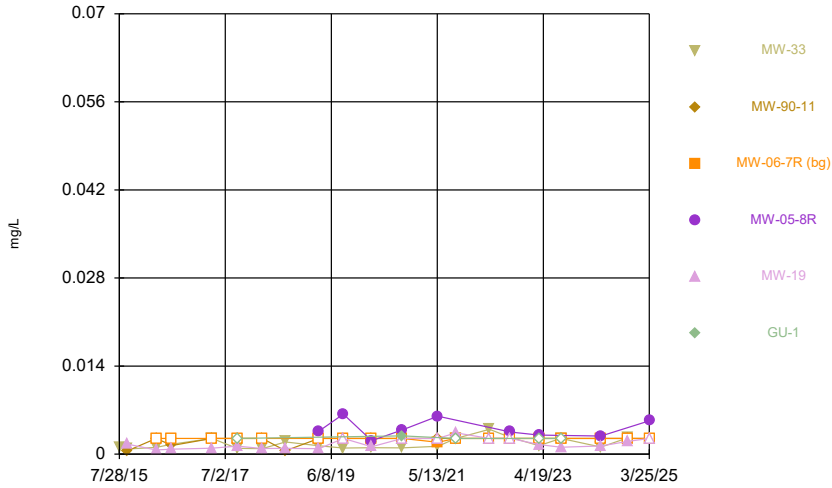
Constituent: Trichloroethene Analysis Run 4/24/2025 11:21 AM View: 2025\_SSN-Time\_Series\_Main  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



Constituent: Vanadium Analysis Run 4/24/2025 11:21 AM View: 2025\_SSN-Time\_Series\_Main  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



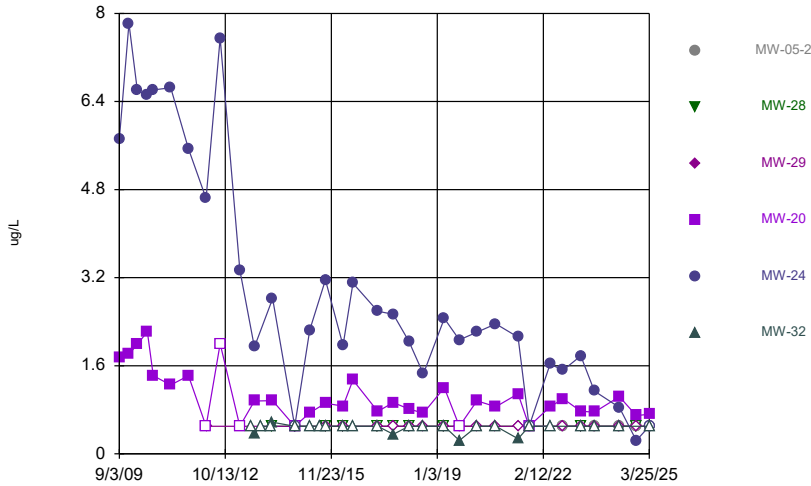
Constituent: Vanadium Analysis Run 4/24/2025 11:21 AM View: 2025\_SSN-Time\_Series\_Main  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



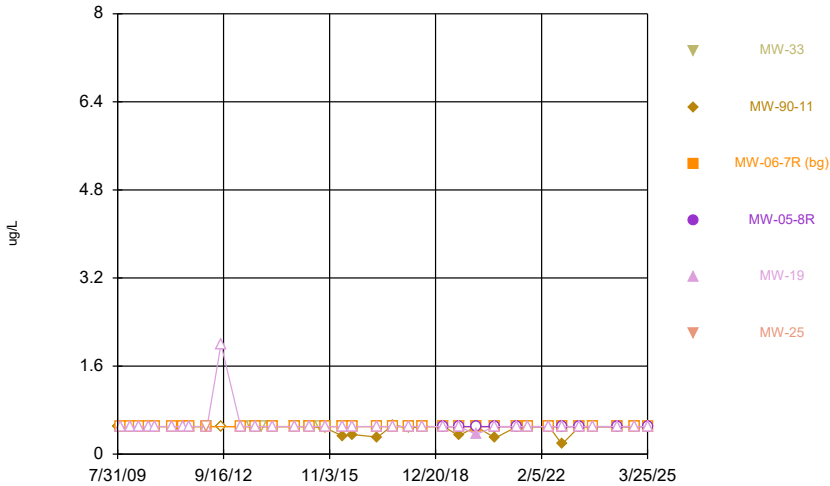
Constituent: Vanadium Analysis Run 4/24/2025 11:21 AM View: 2025\_SSN-Time\_Series\_Main  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



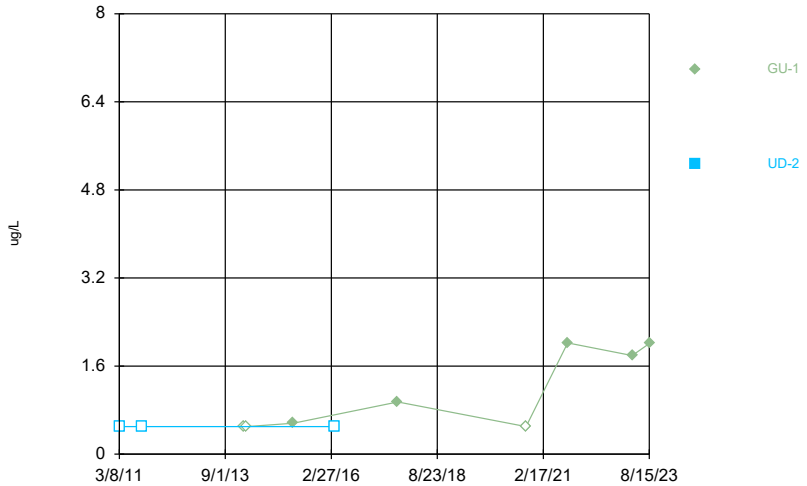
Constituent: Vinyl chloride Analysis Run 4/24/2025 11:21 AM View: 2025\_SSN-Time\_Series\_Main  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



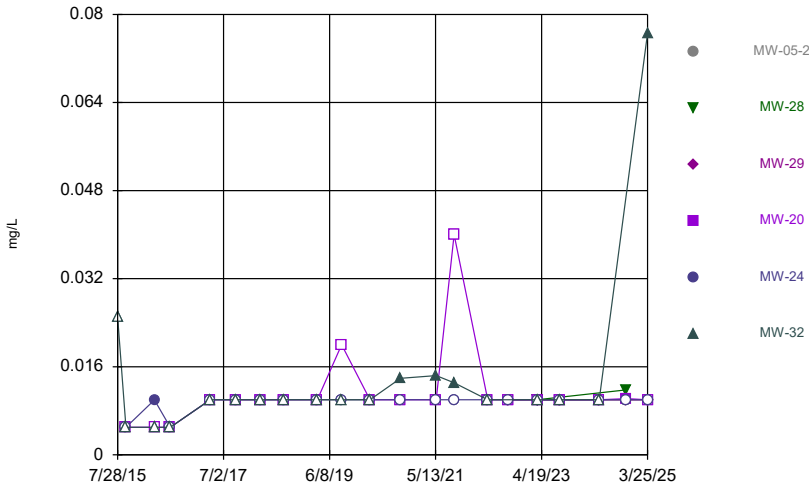
Constituent: Vinyl chloride Analysis Run 4/24/2025 11:21 AM View: 2025\_SSN-Time\_Series\_Main  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



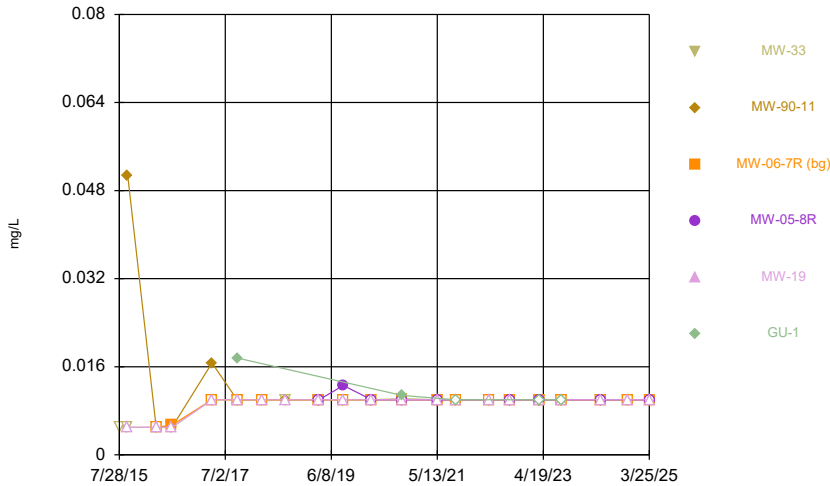
Constituent: Vinyl chloride Analysis Run 4/24/2025 11:21 AM View: 2025\_SSN-Time\_Series\_Main  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series

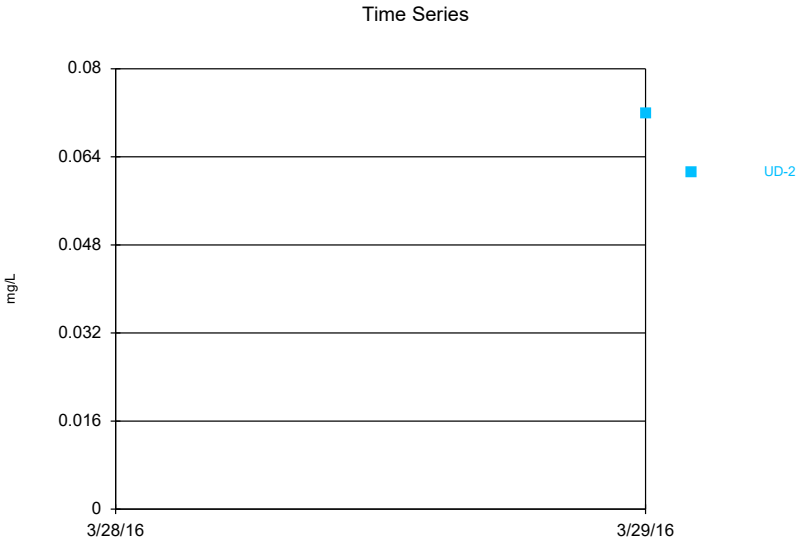


Constituent: Zinc Analysis Run 4/24/2025 11:21 AM View: 2025\_SSN-Time\_Series\_Main  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



Constituent: Zinc Analysis Run 4/24/2025 11:21 AM View: 2025\_SSN-Time\_Series\_Main  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP



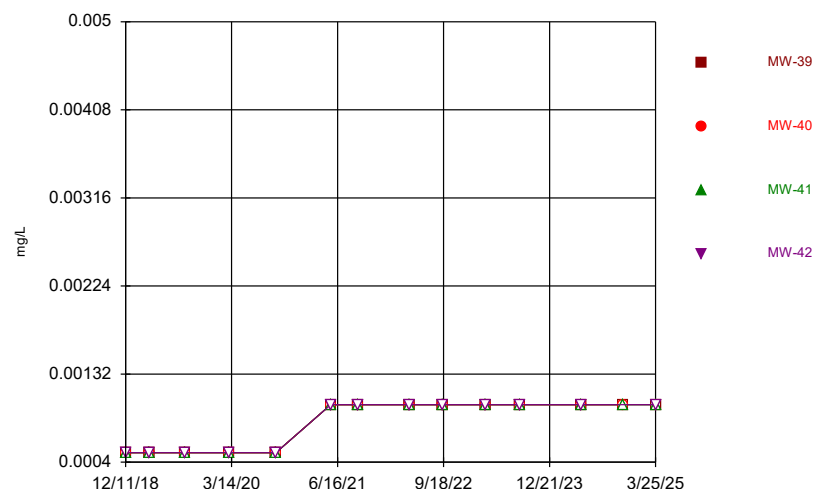
Constituent: Zinc    Analysis Run 4/24/2025 11:21 AM    View: 2025\_SSN-Time\_Series\_Main  
Clinton County SLF    Client: SCS Engineers    Data: CCASW ES Sanitas HMSP

## Time Series Plot

Bedrock

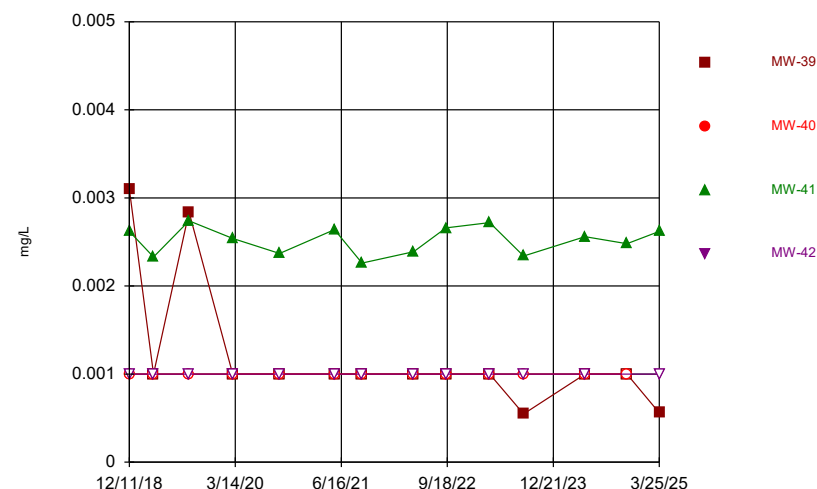


Time Series



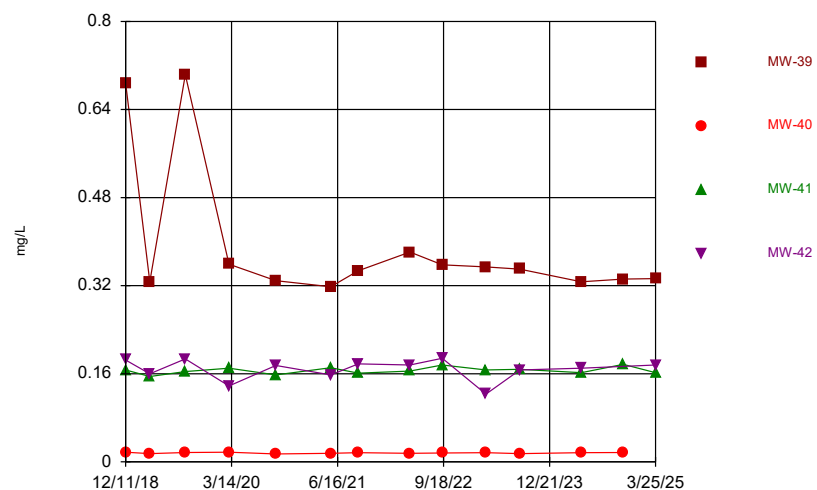
Constituent: Antimony Analysis Run 4/22/2025 4:54 PM View: 2025\_SSN-Time\_Series\_Bedrock  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



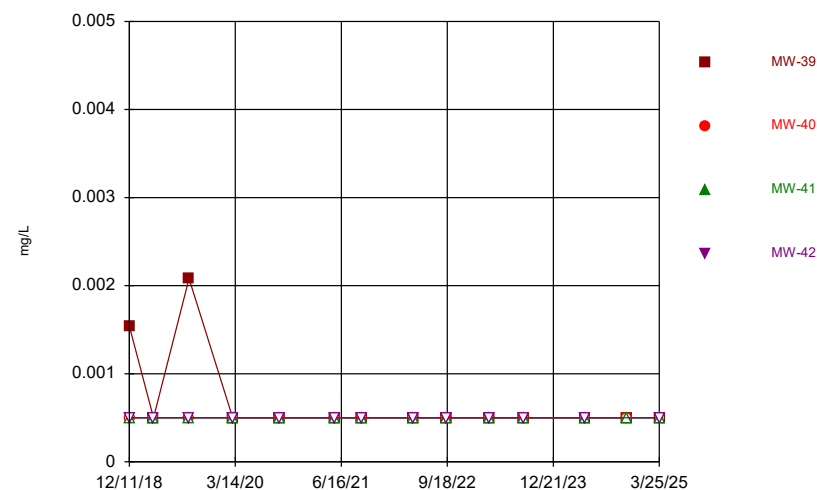
Constituent: Arsenic Analysis Run 4/22/2025 4:54 PM View: 2025\_SSN-Time\_Series\_Bedrock  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



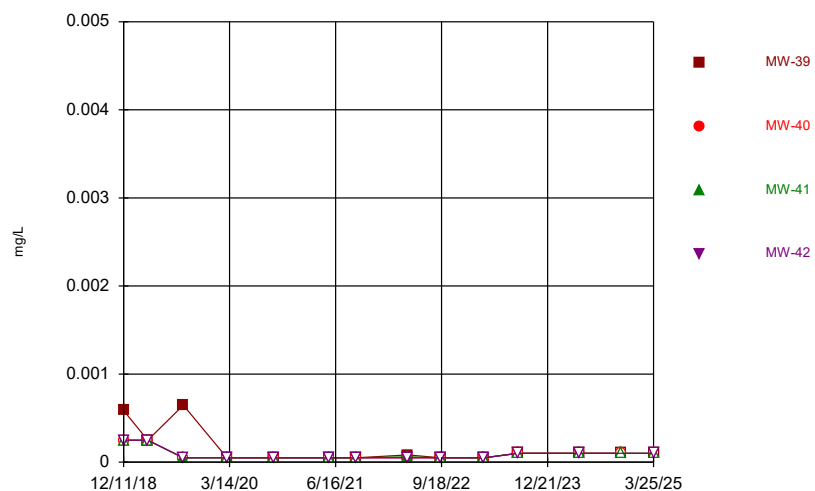
Constituent: Barium Analysis Run 4/22/2025 4:54 PM View: 2025\_SSN-Time\_Series\_Bedrock  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



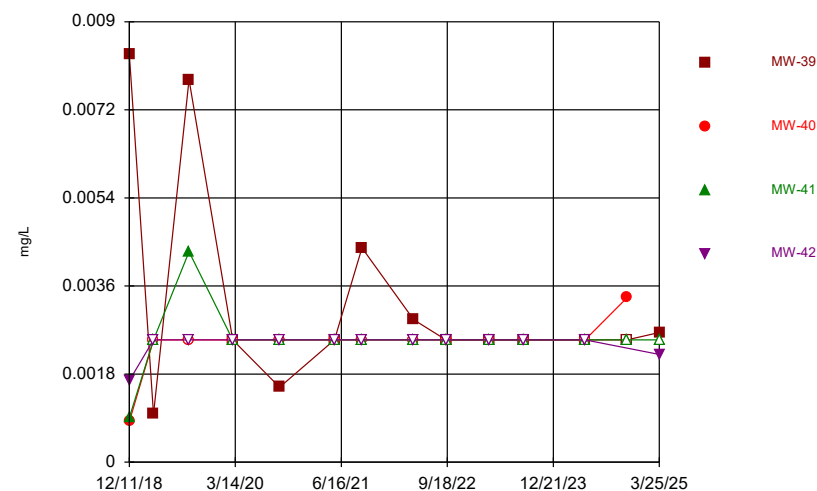
Constituent: Beryllium Analysis Run 4/22/2025 4:54 PM View: 2025\_SSN-Time\_Series\_Bedrock  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



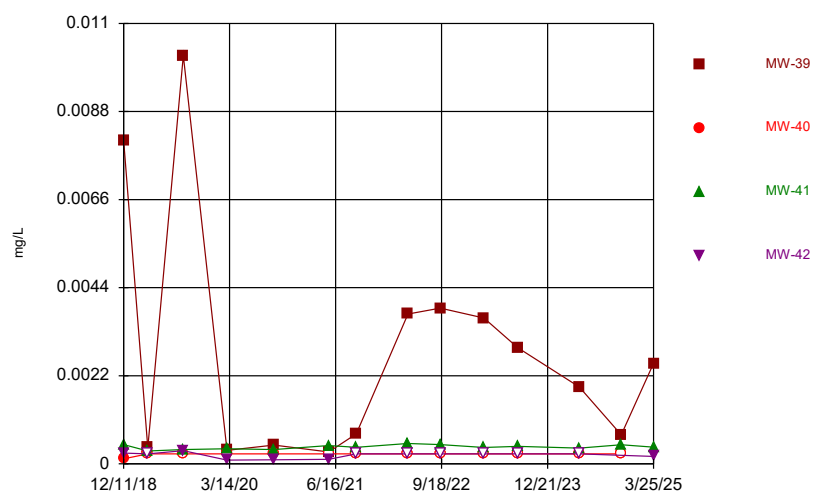
Constituent: Cadmium Analysis Run 4/22/2025 4:54 PM View: 2025\_SSN-Time\_Series\_Bedrock  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



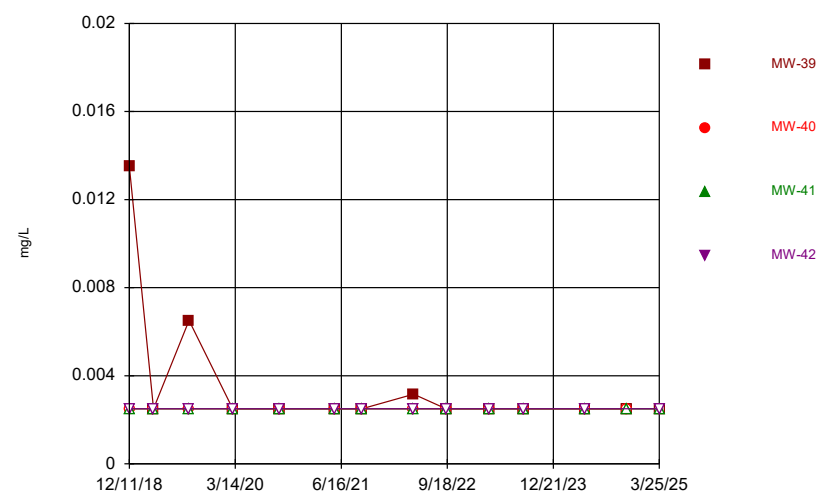
Constituent: Chromium Analysis Run 4/22/2025 4:54 PM View: 2025\_SSN-Time\_Series\_Bedrock  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



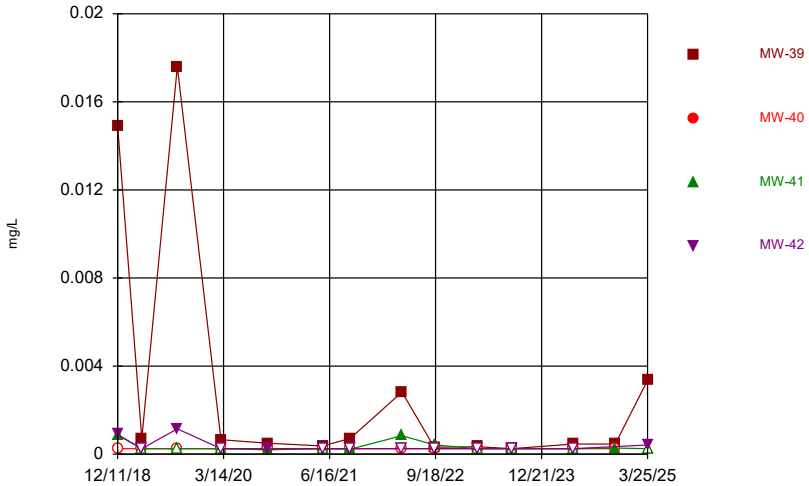
Constituent: Cobalt Analysis Run 4/22/2025 4:54 PM View: 2025\_SSN-Time\_Series\_Bedrock  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



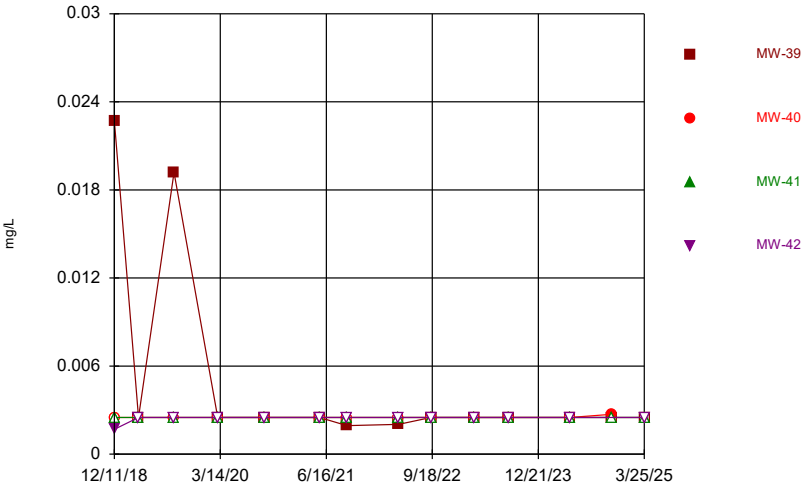
Constituent: Copper Analysis Run 4/22/2025 4:54 PM View: 2025\_SSN-Time\_Series\_Bedrock  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



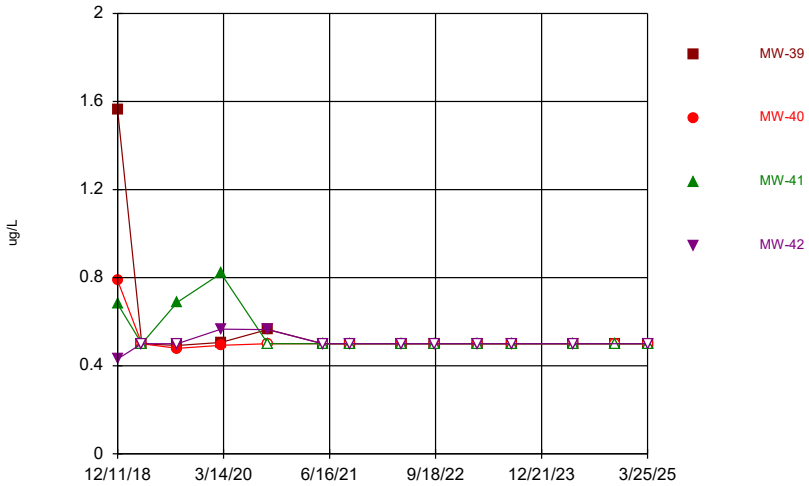
Constituent: Lead    Analysis Run 4/22/2025 4:54 PM    View: 2025\_SSN-Time\_Series\_Bedrock  
Clinton County SLF    Client: SCS Engineers    Data: CCASW ES Sanitas HMSP

Time Series



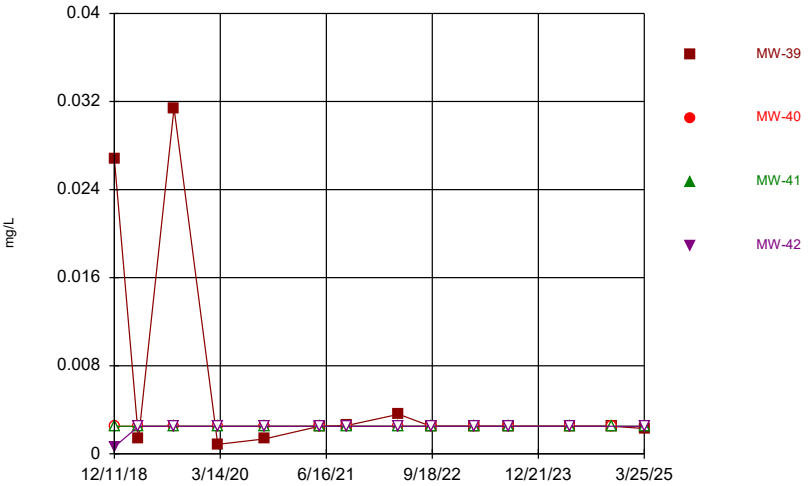
Constituent: Nickel    Analysis Run 4/22/2025 4:54 PM    View: 2025\_SSN-Time\_Series\_Bedrock  
Clinton County SLF    Client: SCS Engineers    Data: CCASW ES Sanitas HMSP

Time Series



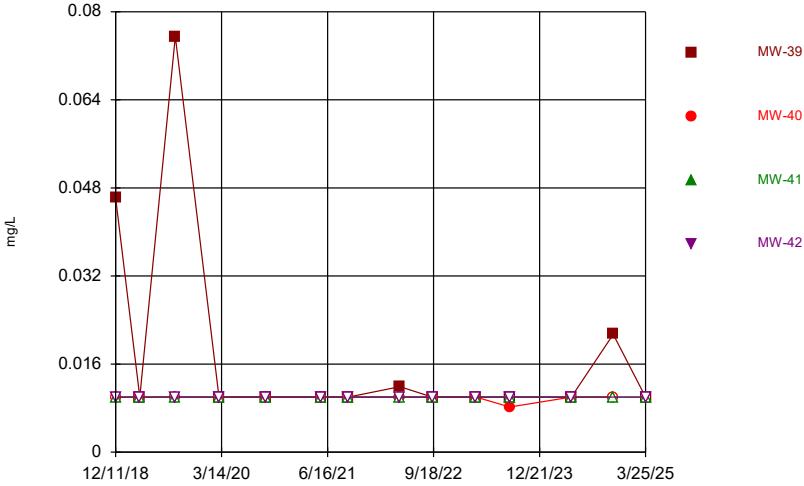
Constituent: Toluene    Analysis Run 4/22/2025 4:54 PM    View: 2025\_SSN-Time\_Series\_Bedrock  
Clinton County SLF    Client: SCS Engineers    Data: CCASW ES Sanitas HMSP

Time Series



Constituent: Vanadium    Analysis Run 4/22/2025 4:54 PM    View: 2025\_SSN-Time\_Series\_Bedrock  
Clinton County SLF    Client: SCS Engineers    Data: CCASW ES Sanitas HMSP

Time Series



Constituent: Zinc    Analysis Run 4/22/2025 4:54 PM    View: 2025\_SSN-Time\_Series\_Bedrock  
Clinton County SLF    Client: SCS Engineers    Data: CCASW ES Sanitas HMSP



# Outliers

## Water Table Aquifer

# MW-06-7R Outlier Analysis

Clinton County SLF

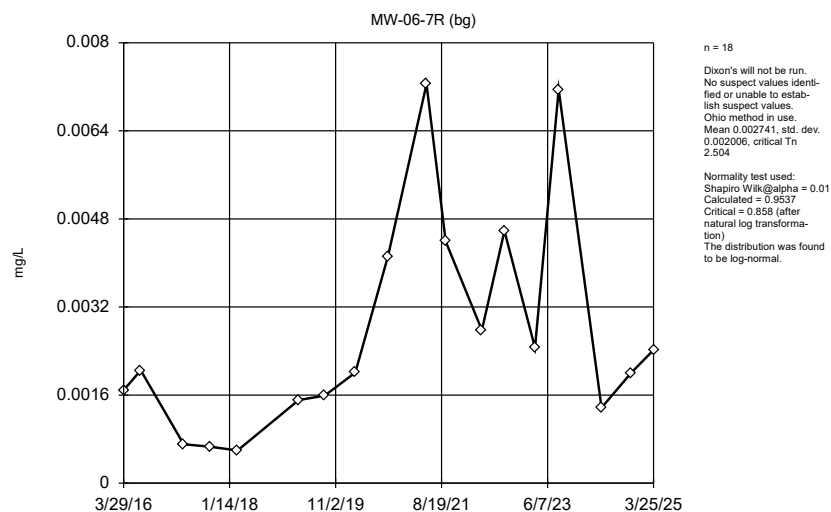
Client: SCS Engineers

Data: CCASW ES Sanitas HMSP

Printed 4/23/2025, 5:25 PM

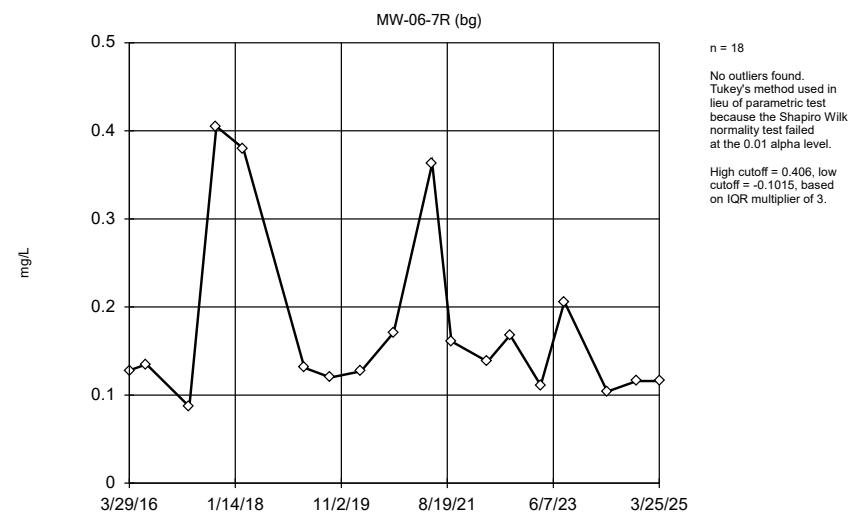
| <u>Constituent</u>    | <u>Well</u>          | <u>Outlier</u> | <u>Value(s)</u>                            | <u>Date(s)</u>                                | <u>Method</u>      | <u>Alpha</u> | <u>N</u>  | <u>Mean</u>      | <u>Std. Dev.</u>  | <u>Distribution</u> | <u>Normality Test</u> |
|-----------------------|----------------------|----------------|--------------------------------------------|-----------------------------------------------|--------------------|--------------|-----------|------------------|-------------------|---------------------|-----------------------|
| Arsenic (mg/L)        | MW-06-7R (bg)        | No             | n/a                                        | n/a                                           | EPA/OH             | 0.05         | 18        | 0.002741         | 0.002006          | ln(x)               | ShapiroWilk           |
| Barium (mg/L)         | MW-06-7R (bg)        | No             | n/a                                        | n/a                                           | NP (nrm)/OH        | NaN          | 18        | 0.1759           | 0.09934           | unknown             | ShapiroWilk           |
| <b>Cadmium (mg/L)</b> | <b>MW-06-7R (bg)</b> | <b>Yes</b>     | <b>0.00025,0.00025,0.00025,0.00025</b>     | <b>3/29/2016,7/13/2016,3/5/2018,3/19/2019</b> | <b>OH</b>          | <b>NaN</b>   | <b>18</b> | <b>0.0001212</b> | <b>0.00007964</b> | <b>n/a</b>          | <b>n/a</b>            |
| <b>Cobalt (mg/L)</b>  | <b>MW-06-7R (bg)</b> | <b>Yes</b>     | <b>0.000064,0.000078,0.000377,0.000098</b> | <b>3/29/2016,7/13/2016,9/19/2017,3/5/2018</b> | <b>NP (nrm)/OH</b> | <b>NaN</b>   | <b>18</b> | <b>0.0002257</b> | <b>0.00007504</b> | <b>unknown</b>      | <b>ShapiroWilk</b>    |
| <b>Lead (mg/L)</b>    | <b>MW-06-7R (bg)</b> | <b>Yes</b>     | <b>0.0021</b>                              | <b>3/5/2018</b>                               | <b>OH</b>          | <b>NaN</b>   | <b>18</b> | <b>0.0003521</b> | <b>0.000437</b>   | <b>n/a</b>          | <b>n/a</b>            |
| Nickel (mg/L)         | MW-06-7R (bg)        | No             | n/a                                        | n/a                                           | OH                 | NaN          | 18        | 0.00251          | 0.00004243        | n/a                 | n/a                   |
| Selenium (mg/L)       | MW-06-7R (bg)        | No             | n/a                                        | n/a                                           | OH                 | NaN          | 18        | 0.002395         | 0.0003062         | n/a                 | n/a                   |
| Silver (mg/L)         | MW-06-7R (bg)        | No             | n/a                                        | n/a                                           | OH                 | NaN          | 18        | 0.0005661        | 0.0002158         | n/a                 | n/a                   |
| Thallium (mg/L)       | MW-06-7R (bg)        | No             | n/a                                        | n/a                                           | OH                 | NaN          | 18        | 0.0005285        | 0.0001375         | n/a                 | n/a                   |
| Vanadium (mg/L)       | MW-06-7R (bg)        | No             | n/a                                        | n/a                                           | OH                 | NaN          | 18        | 0.002467         | 0.0001414         | n/a                 | n/a                   |
| Zinc (mg/L)           | MW-06-7R (bg)        | No             | n/a                                        | n/a                                           | OH                 | NaN          | 18        | 0.009468         | 0.001551          | n/a                 | n/a                   |

## EPA Screening (suspected outliers for Dixon's Test)



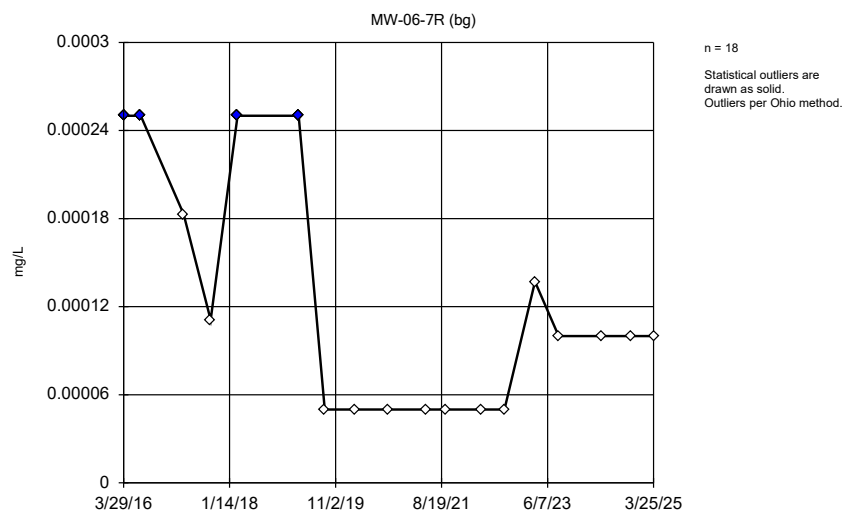
Constituent: Arsenic Analysis Run 4/23/2025 5:21 PM View: 2025\_SSN-BG\_Outliers  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

## Tukey's Outlier Screening / Ohio EPA 0715 Outlier Algorithm



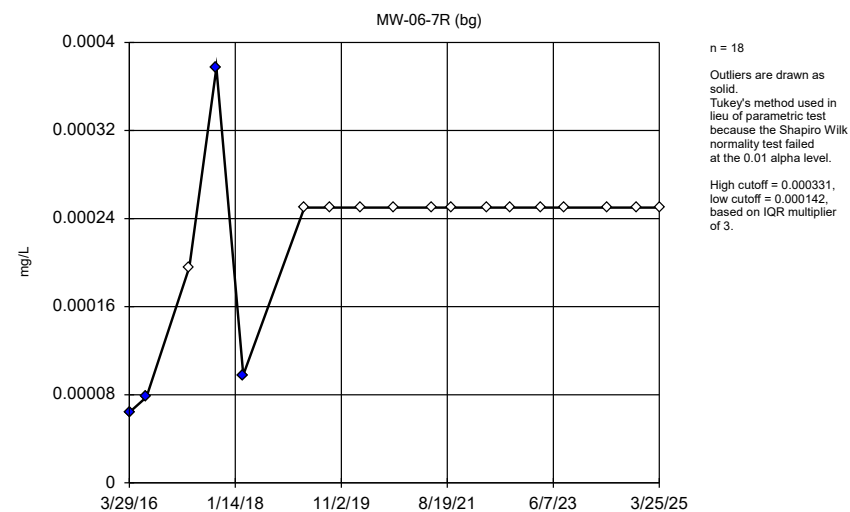
Constituent: Barium Analysis Run 4/23/2025 5:21 PM View: 2025\_SSN-BG\_Outliers  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

## Ohio EPA 0715 Outlier Algorithm

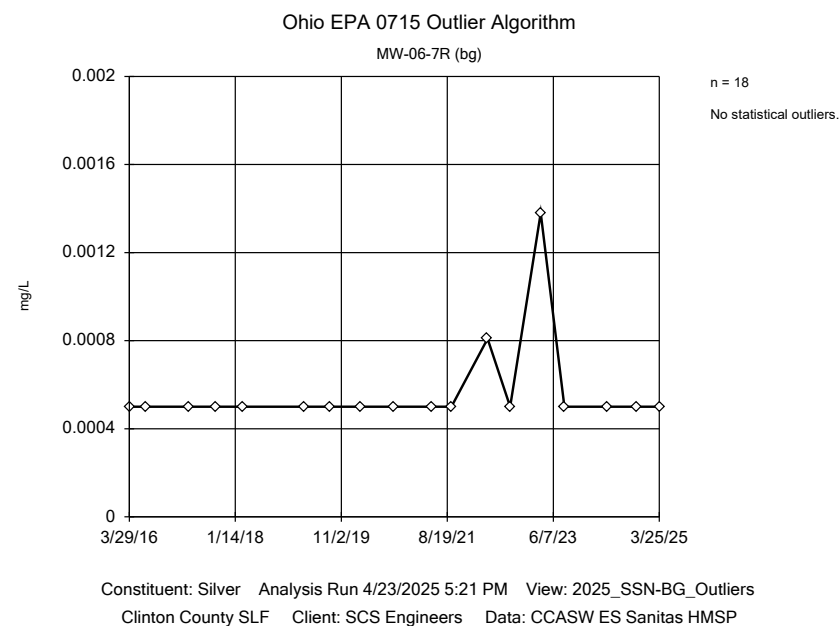
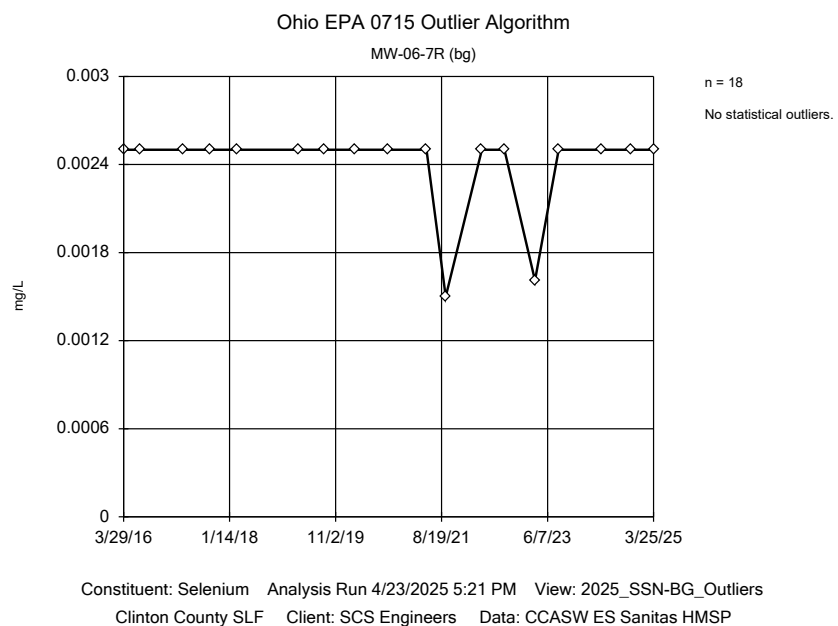
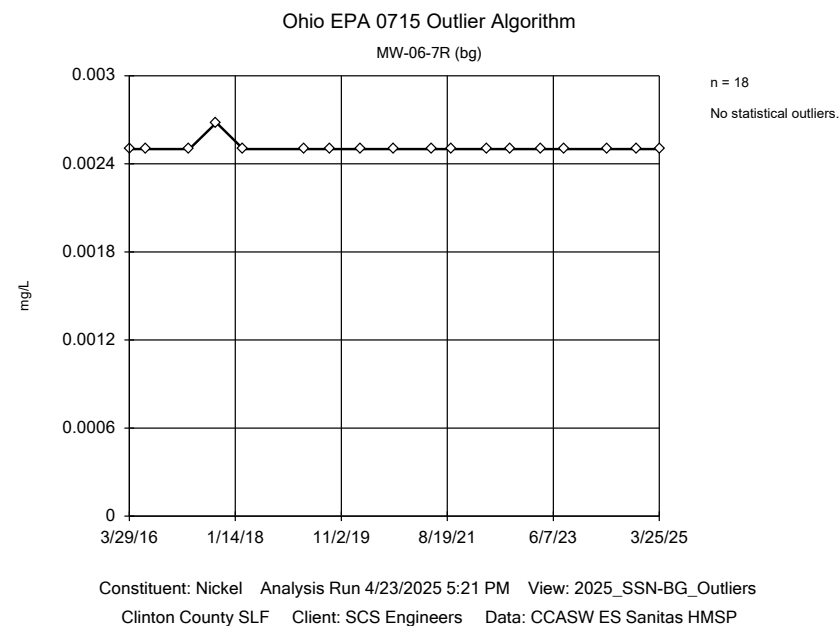
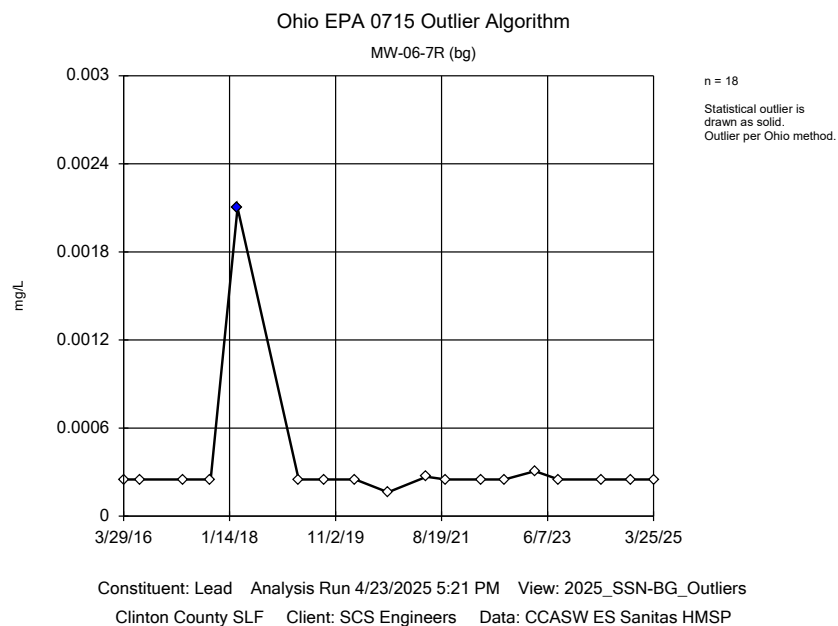


Constituent: Cadmium Analysis Run 4/23/2025 5:21 PM View: 2025\_SSN-BG\_Outliers  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

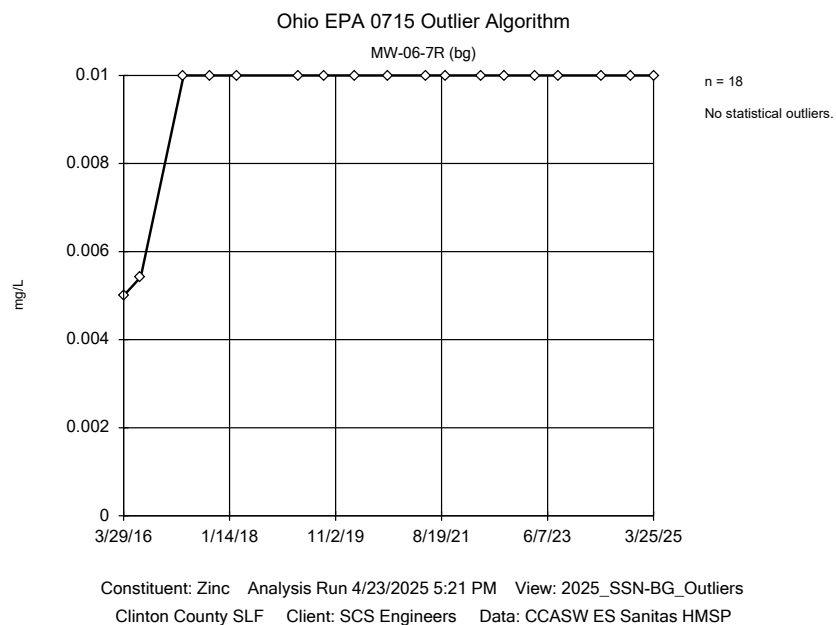
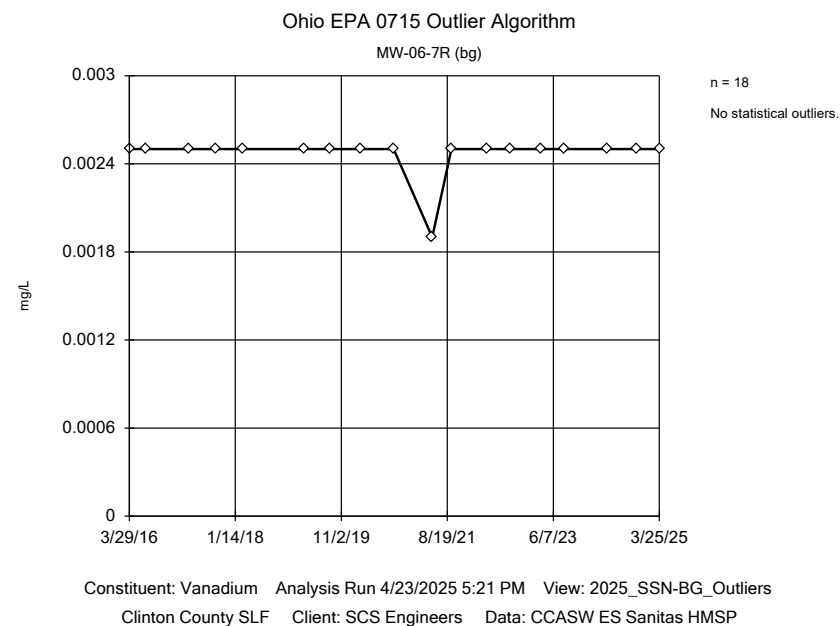
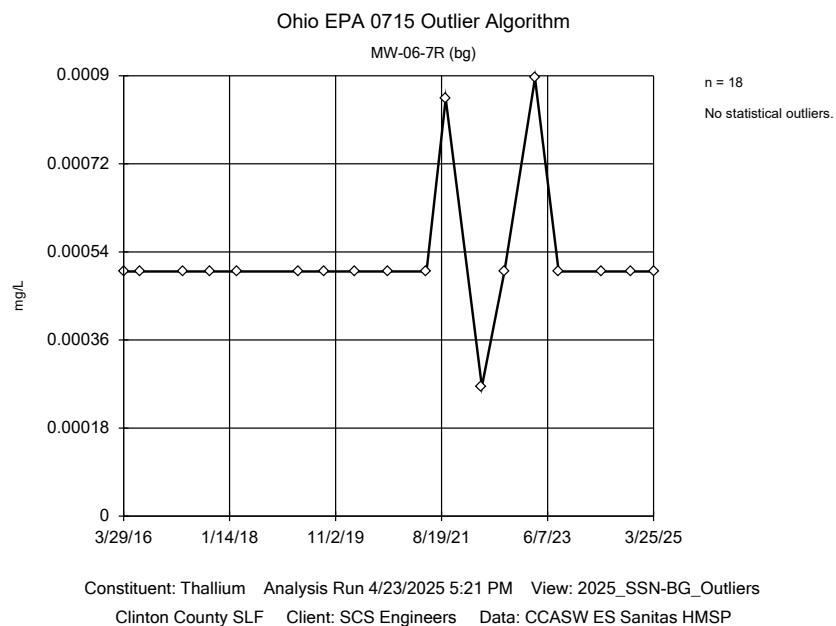
## Tukey's Outlier Screening / Ohio EPA 0715 Outlier Algorithm



Constituent: Cobalt Analysis Run 4/23/2025 5:21 PM View: 2025\_SSN-BG\_Outliers  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP









Outliers

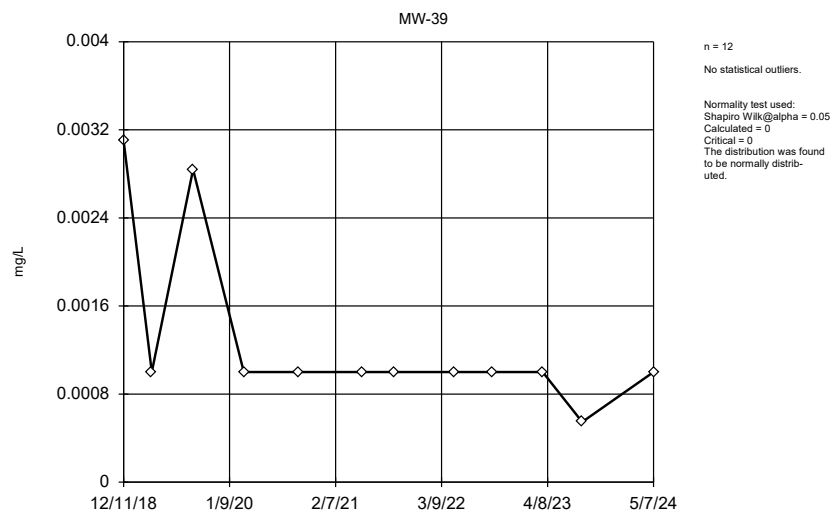
Bedrock

# BG Outlier Analysis

Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP Printed 4/23/2025, 4:24 PM

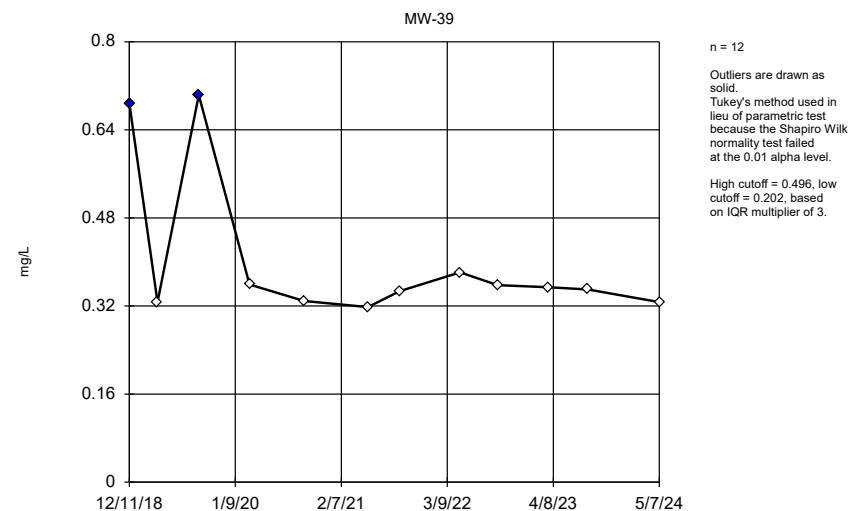
| <u>Constituent</u>      | <u>Well</u>  | <u>Outlier</u> | <u>Value(s)</u>                  | <u>Date(s)</u>                        | <u>Method</u>      | <u>Alpha</u> | <u>N</u>  | <u>Mean</u>      | <u>Std. Dev.</u> | <u>Distribution</u> | <u>Normality Test</u> |
|-------------------------|--------------|----------------|----------------------------------|---------------------------------------|--------------------|--------------|-----------|------------------|------------------|---------------------|-----------------------|
| Arsenic (mg/L)          | MW-39        | No             | n/a                              | n/a                                   | OH                 | NaN          | 12        | 0.001291         | 0.000797         | n/a                 | n/a                   |
| <b>Barium (mg/L)</b>    | <b>MW-39</b> | <b>Yes</b>     | <b>0.688,0.703</b>               | <b>12/11/2018,8/27/2019</b>           | <b>NP (nrm)/OH</b> | <b>NaN</b>   | <b>12</b> | <b>0.4034</b>    | <b>0.1376</b>    | <b>unknown</b>      | <b>ShapiroWilk</b>    |
| <b>Beryllium (mg/L)</b> | <b>MW-39</b> | <b>Yes</b>     | <b>0.00208</b>                   | <b>8/27/2019</b>                      | <b>OH</b>          | <b>NaN</b>   | <b>12</b> | <b>0.0007183</b> | <b>0.0005228</b> | <b>n/a</b>          | <b>n/a</b>            |
| <b>Cadmium (mg/L)</b>   | <b>MW-39</b> | <b>Yes</b>     | <b>0.000648,0.000585,0.00025</b> | <b>8/27/2019,12/11/2018,3/26/2019</b> | <b>OH</b>          | <b>NaN</b>   | <b>12</b> | <b>0.0001721</b> | <b>0.0002155</b> | <b>n/a</b>          | <b>n/a</b>            |
| Chromium (mg/L)         | MW-39        | No             | n/a                              | n/a                                   | EPA/OH             | 0.05         | 12        | 0.003412         | 0.002321         | ln(x)               | ShapiroWilk           |
| Cobalt (mg/L)           | MW-39        | No             | n/a                              | n/a                                   | EPA/OH             | 0.05         | 12        | 0.003052         | 0.003207         | normal              | ShapiroWilk           |
| <b>Copper (mg/L)</b>    | <b>MW-39</b> | <b>Yes</b>     | <b>0.0135</b>                    | <b>12/11/2018</b>                     | <b>OH</b>          | <b>NaN</b>   | <b>12</b> | <b>0.003806</b>  | <b>0.003262</b>  | <b>n/a</b>          | <b>n/a</b>            |
| <b>Lead (mg/L)</b>      | <b>MW-39</b> | <b>Yes</b>     | <b>0.0149,0.0176</b>             | <b>12/11/2018,8/27/2019</b>           | <b>NP (nrm)/OH</b> | <b>NaN</b>   | <b>12</b> | <b>0.003304</b>  | <b>0.006113</b>  | <b>unknown</b>      | <b>ShapiroWilk</b>    |
| Nickel (mg/L)           | MW-39        | No             | n/a                              | n/a                                   | NP (nrm)/OH        | NaN          | 12        | 0.005489         | 0.007263         | unknown             | ShapiroWilk           |
| Selenium (mg/L)         | MW-39        | No             | n/a                              | n/a                                   | OH                 | NaN          | 12        | 0.002346         | 0.0004217        | n/a                 | n/a                   |
| <b>Vanadium (mg/L)</b>  | <b>MW-39</b> | <b>Yes</b>     | <b>0.0268,0.0314</b>             | <b>12/11/2018,8/27/2019</b>           | <b>NP (nrm)/OH</b> | <b>NaN</b>   | <b>12</b> | <b>0.006703</b>  | <b>0.01053</b>   | <b>unknown</b>      | <b>ShapiroWilk</b>    |
| <b>Zinc (mg/L)</b>      | <b>MW-39</b> | <b>Yes</b>     | <b>0.0755,0.0462</b>             | <b>8/27/2019,12/11/2018</b>           | <b>OH</b>          | <b>NaN</b>   | <b>12</b> | <b>0.01863</b>   | <b>0.02069</b>   | <b>n/a</b>          | <b>n/a</b>            |

## Ohio EPA 0715 Outlier Algorithm



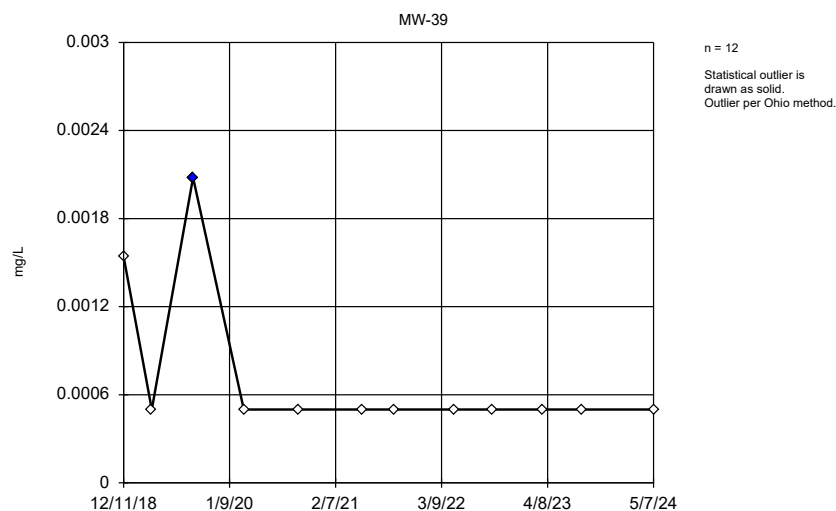
Constituent: Arsenic Analysis Run 4/23/2025 4:15 PM View: 2025\_SSN-MW-39\_Outliers  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

## Tukey's Outlier Screening / Ohio EPA 0715 Outlier Algorithm



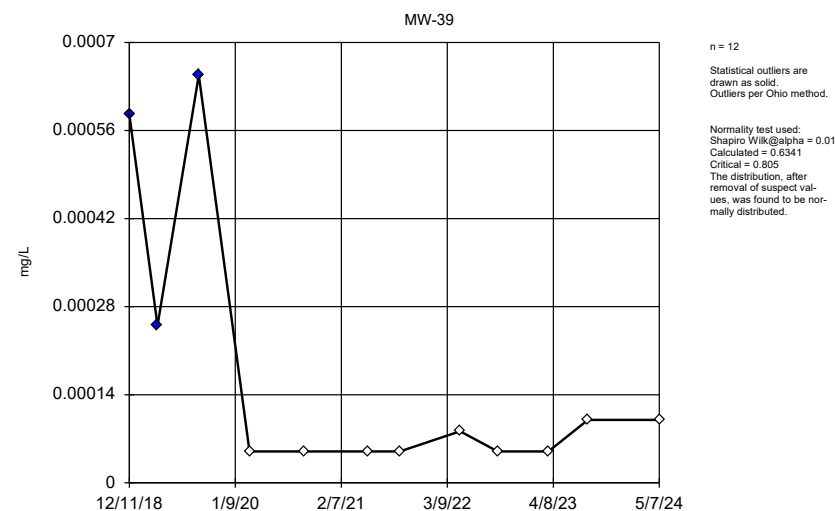
Constituent: Barium Analysis Run 4/23/2025 4:15 PM View: 2025\_SSN-MW-39\_Outliers  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

## Ohio EPA 0715 Outlier Algorithm



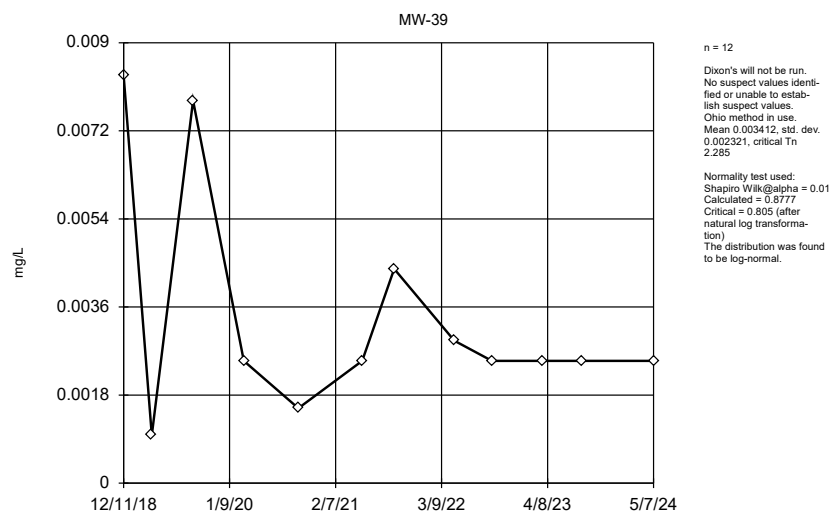
Constituent: Beryllium Analysis Run 4/23/2025 4:15 PM View: 2025\_SSN-MW-39\_Outliers  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

## Ohio EPA 0715 Outlier Algorithm



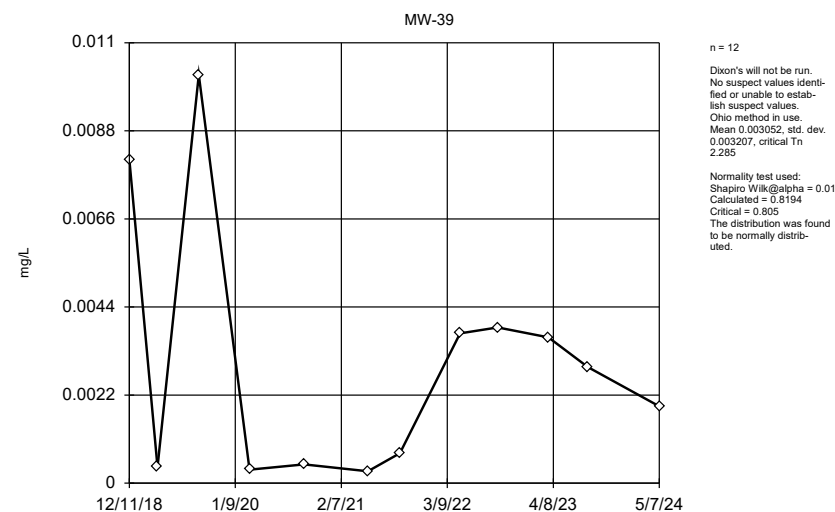
Constituent: Cadmium Analysis Run 4/23/2025 4:15 PM View: 2025\_SSN-MW-39\_Outliers  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

## EPA Screening (suspected outliers for Dixon's Test)



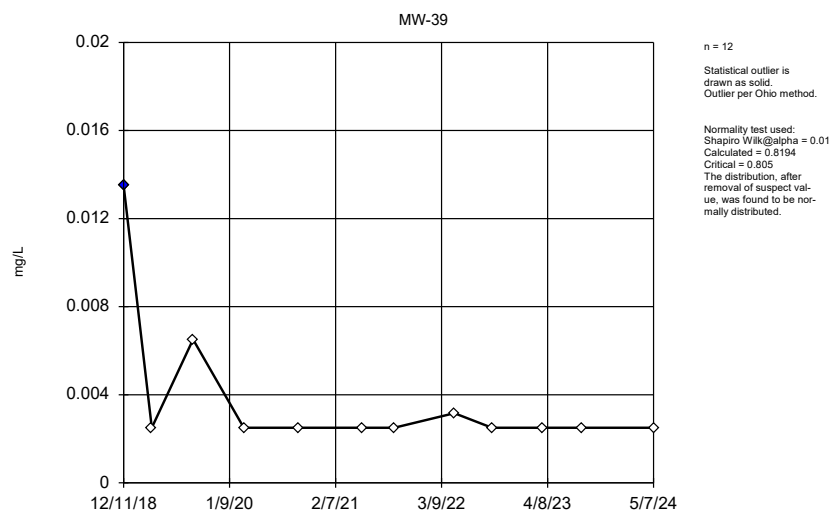
Constituent: Chromium Analysis Run 4/23/2025 4:15 PM View: 2025\_SSN-MW-39\_Outliers  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

## EPA Screening (suspected outliers for Dixon's Test)



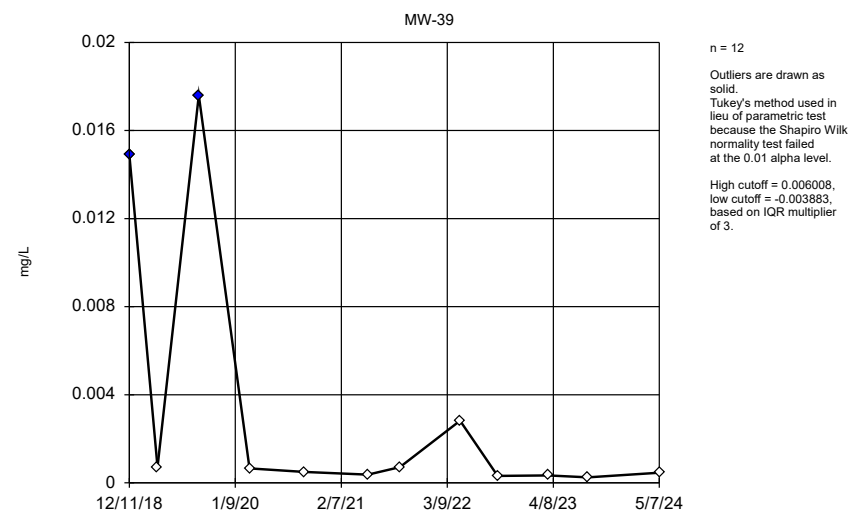
Constituent: Cobalt Analysis Run 4/23/2025 4:15 PM View: 2025\_SSN-MW-39\_Outliers  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

## Ohio EPA 0715 Outlier Algorithm



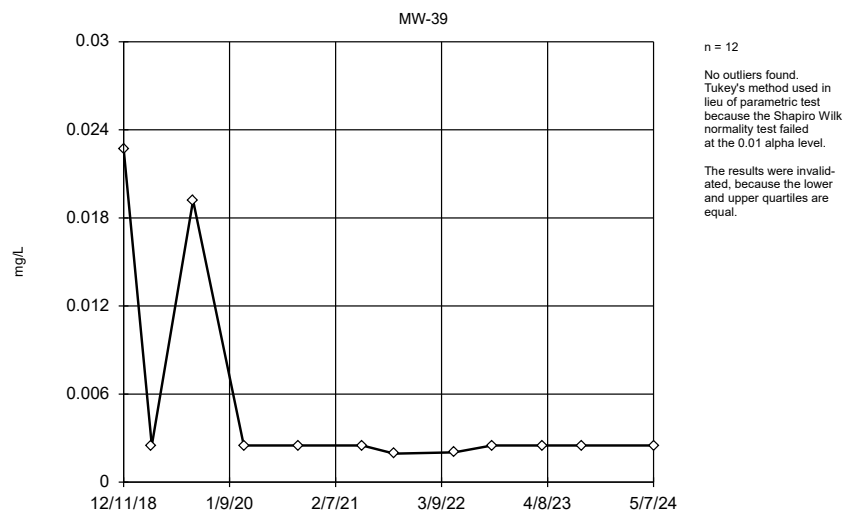
Constituent: Copper Analysis Run 4/23/2025 4:15 PM View: 2025\_SSN-MW-39\_Outliers  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

## Tukey's Outlier Screening / Ohio EPA 0715 Outlier Algorithm



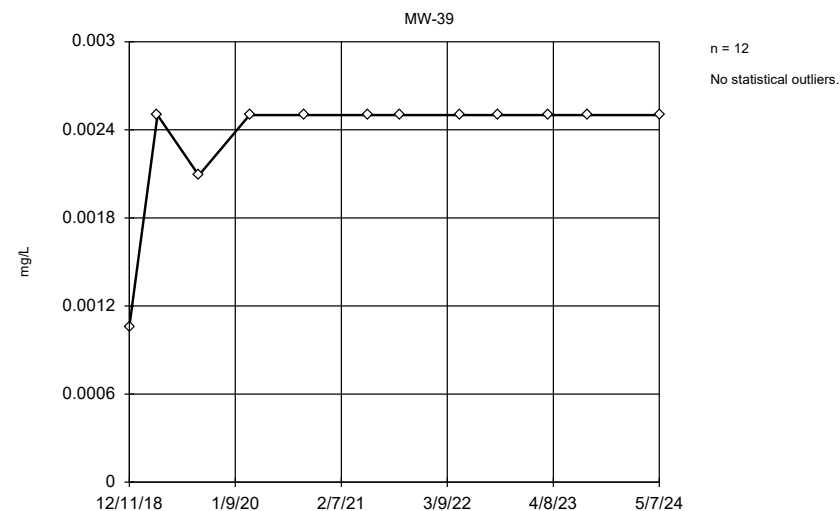
Constituent: Lead Analysis Run 4/23/2025 4:16 PM View: 2025\_SSN-MW-39\_Outliers  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

## Tukey's Outlier Screening / Ohio EPA 0715 Outlier Algorithm



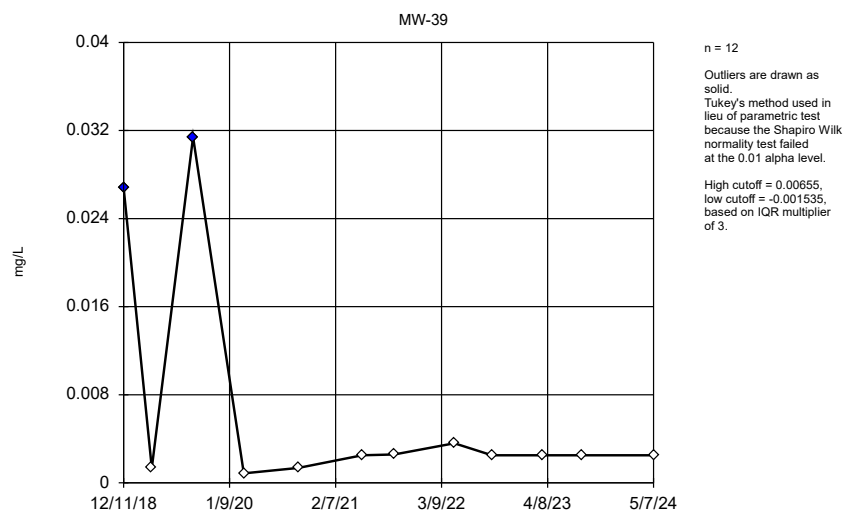
Constituent: Nickel Analysis Run 4/23/2025 4:16 PM View: 2025\_SSN-MW-39\_Outliers  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

## Ohio EPA 0715 Outlier Algorithm



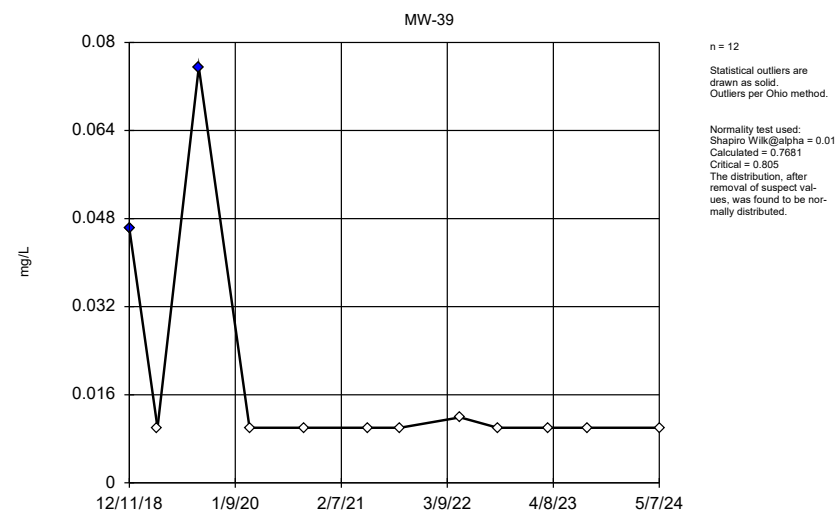
Constituent: Selenium Analysis Run 4/23/2025 4:16 PM View: 2025\_SSN-MW-39\_Outliers  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

## Tukey's Outlier Screening / Ohio EPA 0715 Outlier Algorithm



Constituent: Vanadium Analysis Run 4/23/2025 4:16 PM View: 2025\_SSN-MW-39\_Outliers  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

## Ohio EPA 0715 Outlier Algorithm



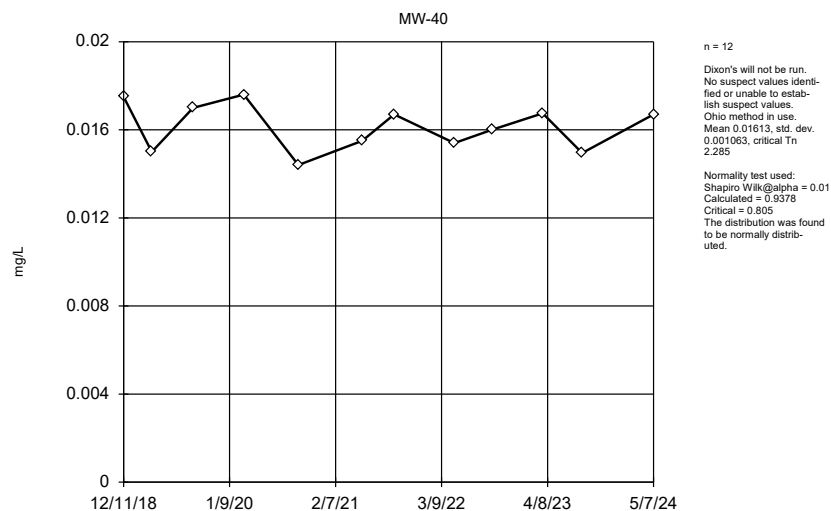
Constituent: Zinc Analysis Run 4/23/2025 4:16 PM View: 2025\_SSN-MW-39\_Outliers  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

# BG Outlier Analysis

Clinton County SLF    Client: SCS Engineers    Data: CCASW ES Sanitas HMSP    Printed 4/23/2025, 4:39 PM

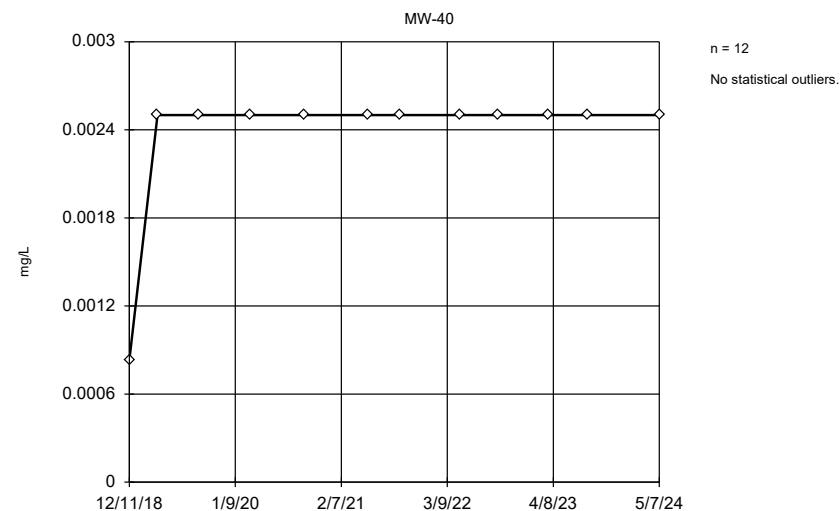
| <u>Constituent</u> | <u>Well</u> | <u>Outlier</u> | <u>Value(s)</u> | <u>Date(s)</u> | <u>Method</u> | <u>Alpha</u> | <u>N</u> | <u>Mean</u> | <u>Std. Dev.</u> | <u>Distribution</u> | <u>Normality Test</u> |
|--------------------|-------------|----------------|-----------------|----------------|---------------|--------------|----------|-------------|------------------|---------------------|-----------------------|
| Barium (mg/L)      | MW-40       | No             | n/a             | n/a            | EPA/OH        | 0.05         | 12       | 0.01613     | 0.001063         | normal              | ShapiroWilk           |
| Chromium (mg/L)    | MW-40       | No             | n/a             | n/a            | OH            | NaN          | 12       | 0.002361    | 0.0004815        | n/a                 | n/a                   |
| Cobalt (mg/L)      | MW-40       | No             | n/a             | n/a            | OH            | NaN          | 12       | 0.0002396   | 0.00003608       | n/a                 | n/a                   |
| Zinc (mg/L)        | MW-40       | No             | n/a             | n/a            | OH            | NaN          | 12       | 0.009852    | 0.0005138        | n/a                 | n/a                   |

## EPA Screening (suspected outliers for Dixon's Test)



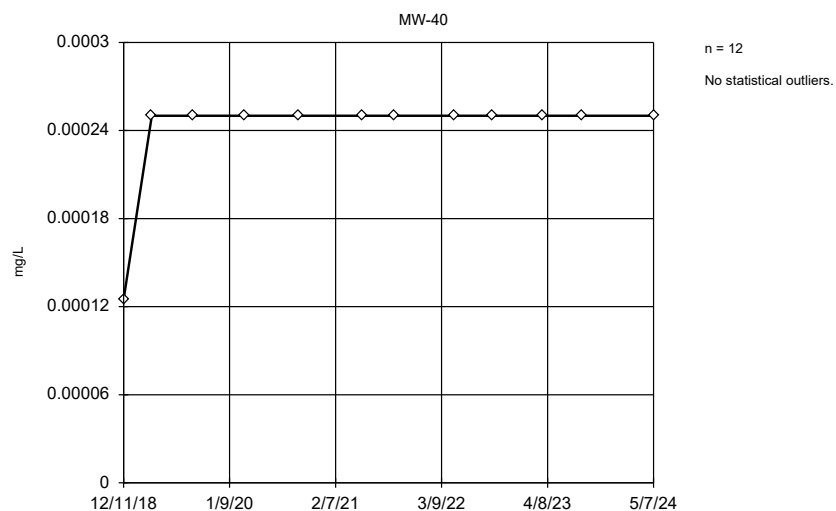
Constituent: Barium Analysis Run 4/23/2025 4:37 PM View: 2025\_SSN-MW-40\_Outliers  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

## Ohio EPA 0715 Outlier Algorithm



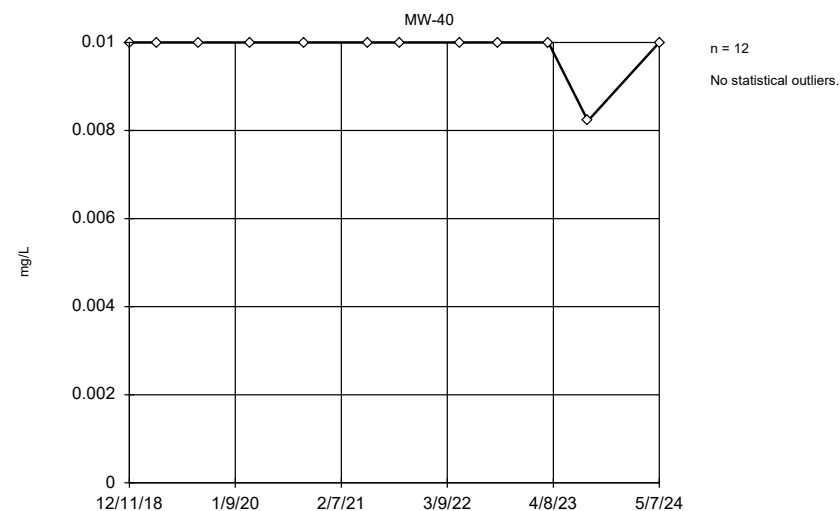
Constituent: Chromium Analysis Run 4/23/2025 4:37 PM View: 2025\_SSN-MW-40\_Outliers  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

## Ohio EPA 0715 Outlier Algorithm



Constituent: Cobalt Analysis Run 4/23/2025 4:37 PM View: 2025\_SSN-MW-40\_Outliers  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

## Ohio EPA 0715 Outlier Algorithm



Constituent: Zinc Analysis Run 4/23/2025 4:37 PM View: 2025\_SSN-MW-40\_Outliers  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

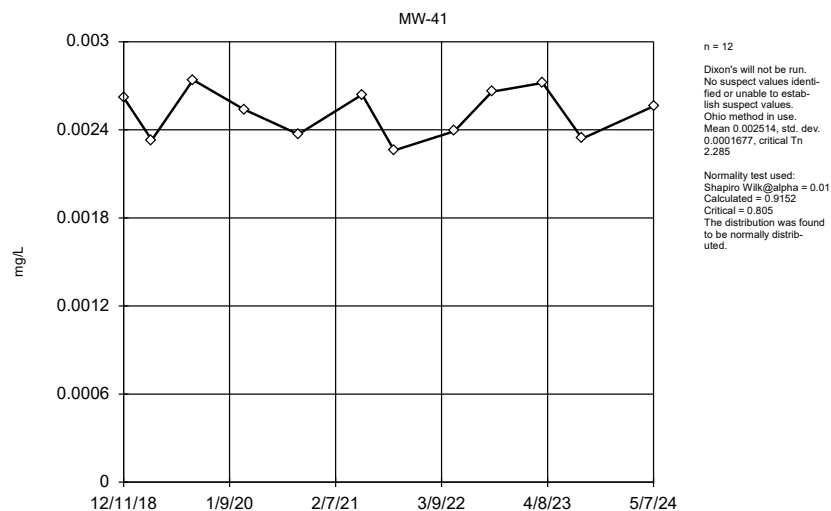


# BG Outlier Analysis

Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP Printed 4/23/2025, 4:49 PM

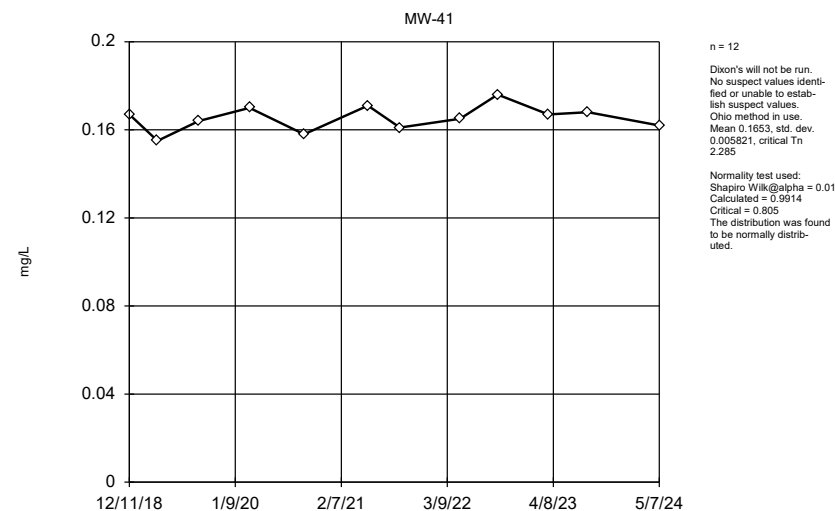
| <u>Constituent</u>    | <u>Well</u>  | <u>Outlier</u> | <u>Value(s)</u>          | <u>Date(s)</u>              | <u>Method</u>      | <u>Alpha</u> | <u>N</u>  | <u>Mean</u>                 | <u>Std. Dev.</u> | <u>Distribution</u> | <u>Normality Test</u> |
|-----------------------|--------------|----------------|--------------------------|-----------------------------|--------------------|--------------|-----------|-----------------------------|------------------|---------------------|-----------------------|
| Arsenic (mg/L)        | MW-41        | No             | n/a                      | n/a                         | EPA/OH             | 0.05         | 12        | 0.002514                    | 0.0001677        | normal              | ShapiroWilk           |
| Barium (mg/L)         | MW-41        | No             | n/a                      | n/a                         | EPA/OH             | 0.05         | 12        | 0.1653                      | 0.005821         | normal              | ShapiroWilk           |
| <b>Cadmium (mg/L)</b> | <b>MW-41</b> | <b>Yes</b>     | <b>0.00025,0.00025</b>   | <b>12/11/2018,3/26/2019</b> | <b>OH</b>          | <b>NaN</b>   | <b>12</b> | <b>0.000092330.00007604</b> | <b>n/a</b>       | <b>n/a</b>          | <b>n/a</b>            |
| Chromium (mg/L)       | MW-41        | No             | n/a                      | n/a                         | OH                 | NaN          | 12        | 0.002518                    | 0.0007235        | n/a                 | n/a                   |
| Cobalt (mg/L)         | MW-41        | No             | n/a                      | n/a                         | EPA/OH             | 0.05         | 12        | 0.0004158                   | 0.00005846       | normal              | ShapiroWilk           |
| <b>Lead (mg/L)</b>    | <b>MW-41</b> | <b>Yes</b>     | <b>0.000869,0.000838</b> | <b>12/11/2018,4/26/2022</b> | <b>NP (nrm)/OH</b> | <b>NaN</b>   | <b>12</b> | <b>0.0003593</b>            | <b>0.0002372</b> | <b>unknown</b>      | <b>ShapiroWilk</b>    |

## EPA Screening (suspected outliers for Dixon's Test)



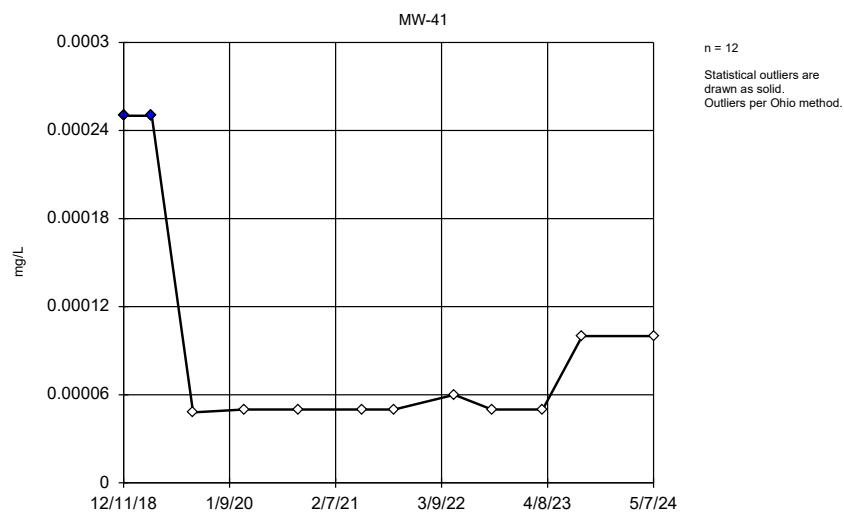
Constituent: Arsenic Analysis Run 4/23/2025 4:45 PM View: 2025\_SSN-MW-41\_Outliers  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

## EPA Screening (suspected outliers for Dixon's Test)



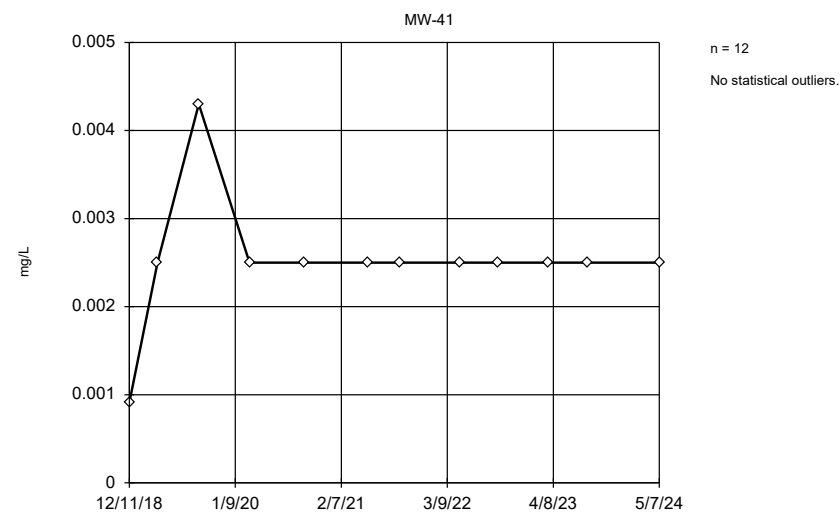
Constituent: Barium Analysis Run 4/23/2025 4:45 PM View: 2025\_SSN-MW-41\_Outliers  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

## Ohio EPA 0715 Outlier Algorithm



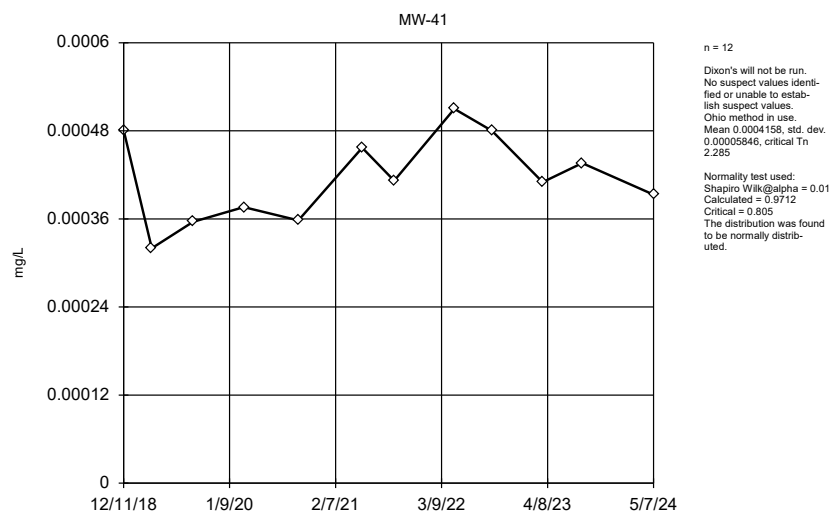
Constituent: Cadmium Analysis Run 4/23/2025 4:45 PM View: 2025\_SSN-MW-41\_Outliers  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

## Ohio EPA 0715 Outlier Algorithm



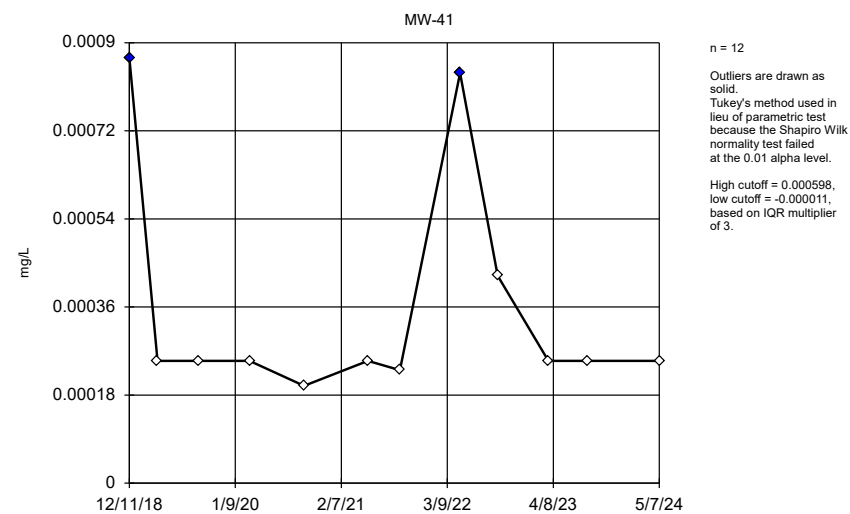
Constituent: Chromium Analysis Run 4/23/2025 4:45 PM View: 2025\_SSN-MW-41\_Outliers  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

## EPA Screening (suspected outliers for Dixon's Test)



Constituent: Cobalt Analysis Run 4/23/2025 4:45 PM View: 2025\_SSN-MW-41\_Outliers  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

## Tukey's Outlier Screening / Ohio EPA 0715 Outlier Algorithm



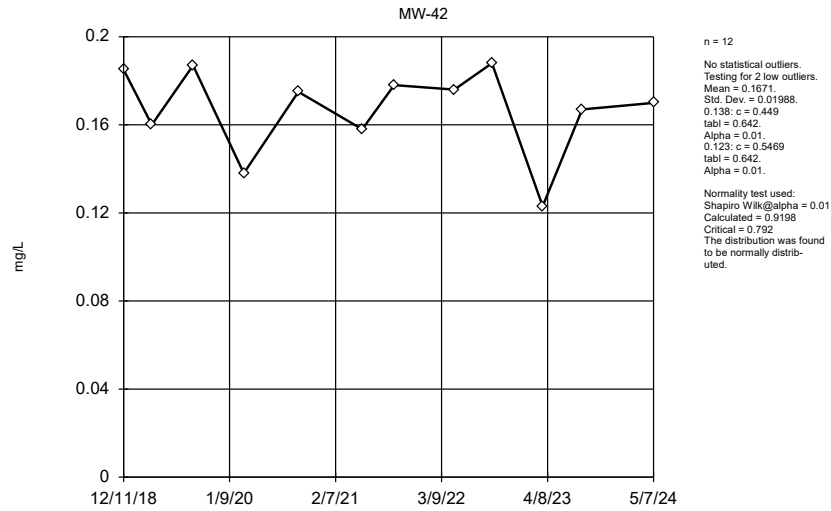
Constituent: Lead Analysis Run 4/23/2025 4:45 PM View: 2025\_SSN-MW-41\_Outliers  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

# BG Outlier Analysis

Clinton County SLF   Client: SCS Engineers   Data: CCASW ES Sanitas HMSP   Printed 4/23/2025, 4:57 PM

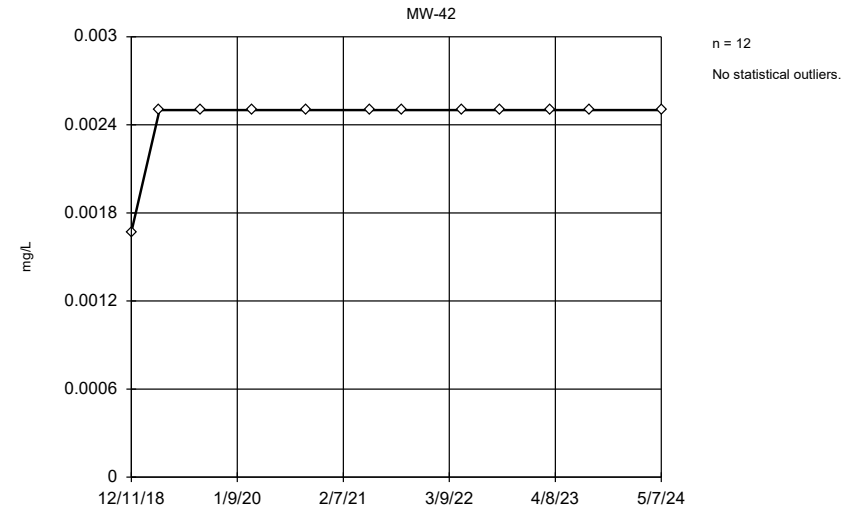
| <u>Constituent</u> | <u>Well</u>  | <u>Outlier</u> | <u>Value(s)</u> | <u>Date(s)</u>   | <u>Method</u> | <u>Alpha</u> | <u>N</u>  | <u>Mean</u>      | <u>Std. Dev.</u> | <u>Distribution</u> | <u>Normality Test</u> |
|--------------------|--------------|----------------|-----------------|------------------|---------------|--------------|-----------|------------------|------------------|---------------------|-----------------------|
| Barium (mg/L)      | MW-42        | No             | n/a             | n/a              | Dixon/OH      | 0.01         | 12        | 0.1671           | 0.01988          | normal              | ShapiroWilk           |
| Chromium (mg/L)    | MW-42        | No             | n/a             | n/a              | OH            | NaN          | 12        | 0.002431         | 0.0002396        | n/a                 | n/a                   |
| Cobalt (mg/L)      | MW-42        | No             | n/a             | n/a              | NP (nrm)/OH   | NaN          | 12        | 0.0002216        | 0.0000754        | unknown             | ShapiroWilk           |
| <b>Lead (mg/L)</b> | <b>MW-42</b> | <b>Yes</b>     | <b>0.00115</b>  | <b>8/27/2019</b> | <b>OH</b>     | <b>NaN</b>   | <b>12</b> | <b>0.0003778</b> | <b>0.0003055</b> | <b>n/a</b>          | <b>n/a</b>            |
| Nickel (mg/L)      | MW-42        | No             | n/a             | n/a              | OH            | NaN          | 12        | 0.002432         | 0.0002338        | n/a                 | n/a                   |
| Selenium (mg/L)    | MW-42        | No             | n/a             | n/a              | EPA/OH        | 0.05         | 12        | 0.00169          | 0.0004571        | normal              | ShapiroWilk           |
| Vanadium (mg/L)    | MW-42        | No             | n/a             | n/a              | OH            | NaN          | 12        | 0.002345         | 0.0005381        | n/a                 | n/a                   |

## Dixon's Outlier Test / Ohio EPA 0715 Outlier Algorithm



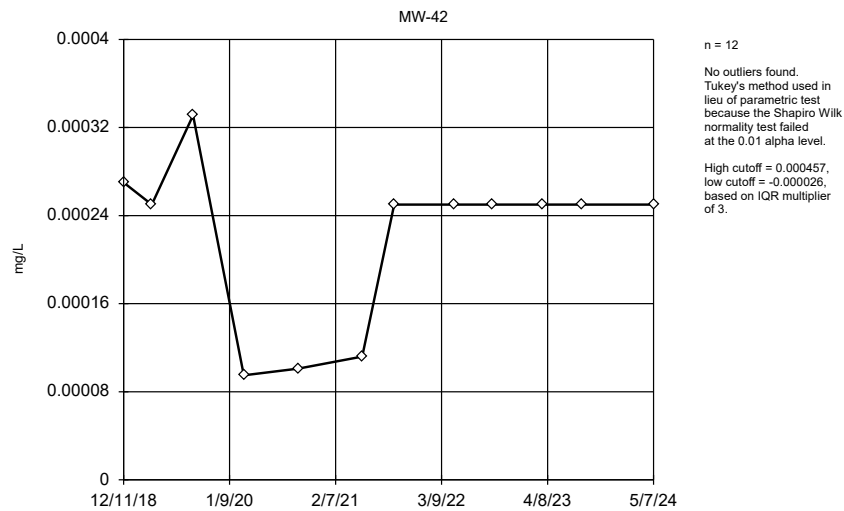
Constituent: Barium Analysis Run 4/23/2025 4:55 PM View: 2025\_SSN-MW-42\_Outliers  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

## Ohio EPA 0715 Outlier Algorithm



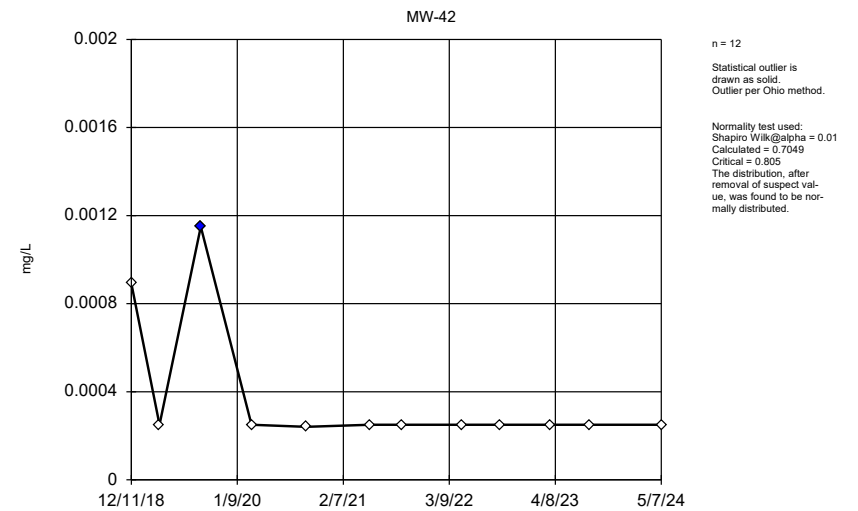
Constituent: Chromium Analysis Run 4/23/2025 4:55 PM View: 2025\_SSN-MW-42\_Outliers  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

## Tukey's Outlier Screening / Ohio EPA 0715 Outlier Algorithm



Constituent: Cobalt Analysis Run 4/23/2025 4:55 PM View: 2025\_SSN-MW-42\_Outliers  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

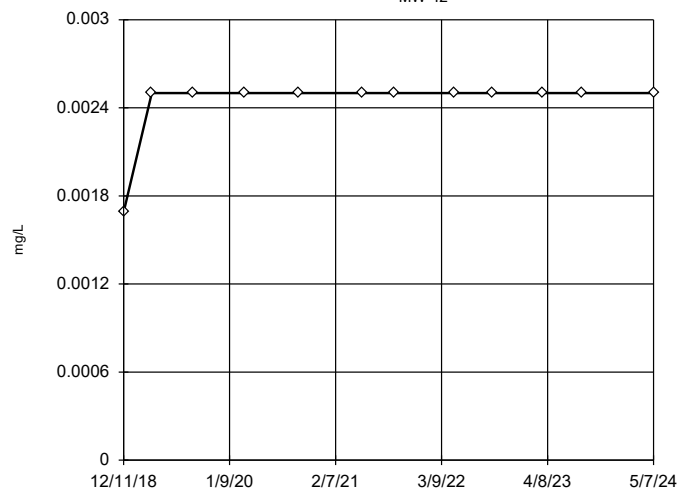
## Ohio EPA 0715 Outlier Algorithm



Constituent: Lead Analysis Run 4/23/2025 4:55 PM View: 2025\_SSN-MW-42\_Outliers  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

## Ohio EPA 0715 Outlier Algorithm

MW-42



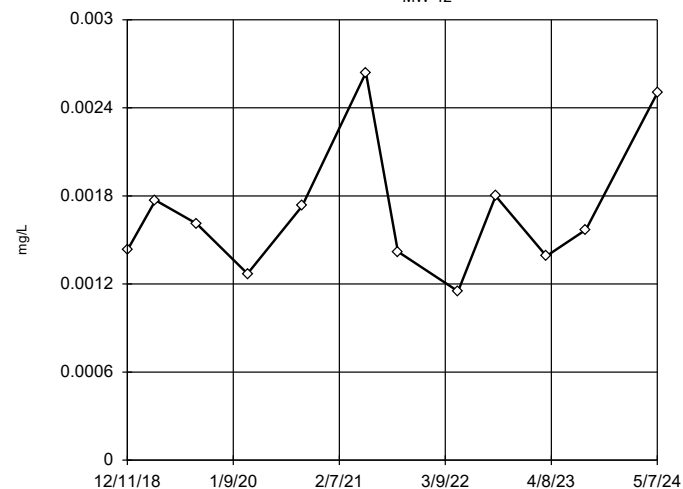
n = 12

No statistical outliers.

Constituent: Nickel Analysis Run 4/23/2025 4:55 PM View: 2025\_SSN-MW-42\_Outliers  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

## EPA Screening (suspected outliers for Dixon's Test)

MW-42



n = 12

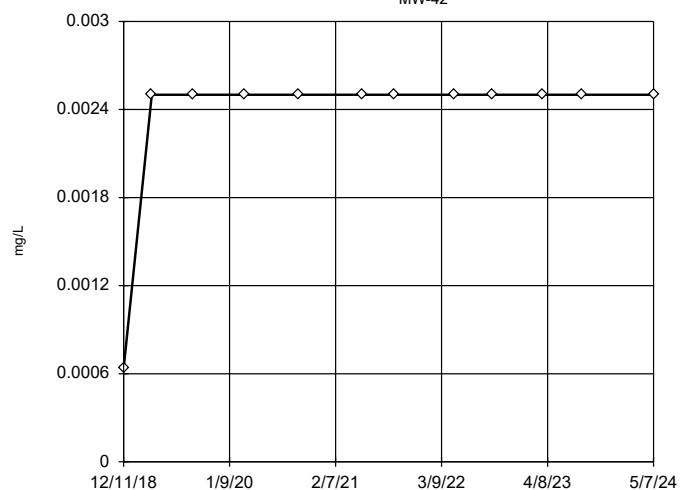
Dixon's will not be run.  
No suspect values identified or unable to establish suspect values.  
Ohio method in use.  
Mean 0.00169, std. dev. 0.0004571, critical Tn 2.285

Normality test used:  
Shapiro Wilk@alpha = 0.01  
Calculated = 0.8595  
Critical = 0.905  
The distribution was found to be normally distributed.

Constituent: Selenium Analysis Run 4/23/2025 4:55 PM View: 2025\_SSN-MW-42\_Outliers  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

## Ohio EPA 0715 Outlier Algorithm

MW-42



n = 12

No statistical outliers.

Constituent: Vanadium Analysis Run 4/23/2025 4:56 PM View: 2025\_SSN-MW-42\_Outliers  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP



Interwell Prediction Limit  
Water Table Aquifer

# Interwell Prediction Limit

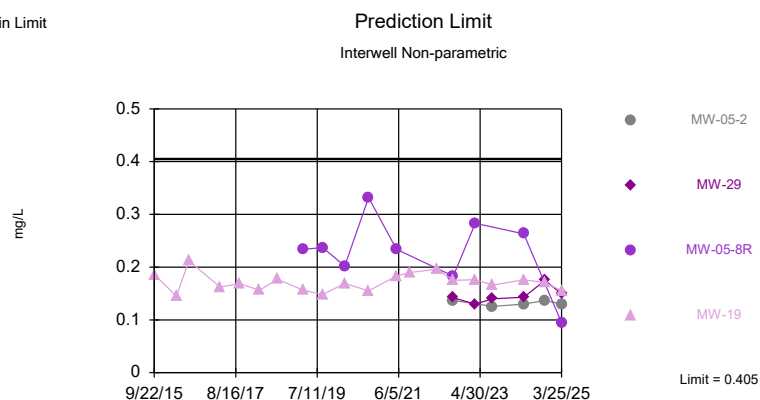
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP Printed 4/25/2025, 8:41 AM

| <u>Constituent</u>     | <u>Well</u>     | <u>Upper Lim.</u> | <u>Lower Lim.</u> | <u>Date</u>      | <u>Observ.</u>  | <u>Sig.</u> | <u>Bg N</u> | <u>Bg Wells</u> | <u>%NDs</u>  | <u>Transform</u> | <u>Alpha</u>    | <u>Method</u>                |
|------------------------|-----------------|-------------------|-------------------|------------------|-----------------|-------------|-------------|-----------------|--------------|------------------|-----------------|------------------------------|
| Barium (mg/L)          | MW-05-2         | 0.405             | n/a               | 3/25/2025        | 0.13            | No          | 18          | MW-06-7R        | 0            | n/a              | 0.004618        | NP Inter (normality) ...     |
| Barium (mg/L)          | MW-29           | 0.405             | n/a               | 3/25/2025        | 0.149           | No          | 18          | MW-06-7R        | 0            | n/a              | 0.004618        | NP Inter (normality) ...     |
| Barium (mg/L)          | MW-05-8R        | 0.405             | n/a               | 3/25/2025        | 0.0948          | No          | 18          | MW-06-7R        | 0            | n/a              | 0.004618        | NP Inter (normality) ...     |
| Barium (mg/L)          | MW-19           | 0.405             | n/a               | 3/25/2025        | 0.1555          | No          | 18          | MW-06-7R        | 0            | n/a              | 0.004618        | NP Inter (normality) ...     |
| <b>Cobalt (mg/L)</b>   | <b>MW-29</b>    | <b>0.000377</b>   | <b>n/a</b>        | <b>3/25/2025</b> | <b>0.000518</b> | <b>Yes</b>  | <b>18</b>   | <b>MW-06-7R</b> | <b>72.22</b> | <b>n/a</b>       | <b>0.004618</b> | <b>NP Inter (NDs) 1 of 2</b> |
| <b>Cobalt (mg/L)</b>   | <b>MW-05-8R</b> | <b>0.000377</b>   | <b>n/a</b>        | <b>3/25/2025</b> | <b>0.000972</b> | <b>Yes</b>  | <b>18</b>   | <b>MW-06-7R</b> | <b>72.22</b> | <b>n/a</b>       | <b>0.004618</b> | <b>NP Inter (NDs) 1 of 2</b> |
| Lead (mg/L)            | MW-05-2         | 0.0021            | n/a               | 3/25/2025        | 0.000806        | No          | 18          | MW-06-7R        | 77.78        | n/a              | 0.004618        | NP Inter (NDs) 1 of 2        |
| Lead (mg/L)            | MW-29           | 0.0021            | n/a               | 3/25/2025        | 0.00139         | No          | 18          | MW-06-7R        | 77.78        | n/a              | 0.004618        | NP Inter (NDs) 1 of 2        |
| Lead (mg/L)            | MW-05-8R        | 0.0021            | n/a               | 3/25/2025        | 0.00111         | No          | 18          | MW-06-7R        | 77.78        | n/a              | 0.004618        | NP Inter (NDs) 1 of 2        |
| Lead (mg/L)            | MW-19           | 0.0021            | n/a               | 3/25/2025        | 0.0004165       | No          | 18          | MW-06-7R        | 77.78        | n/a              | 0.004618        | NP Inter (NDs) 1 of 2        |
| <b>Vanadium (mg/L)</b> | <b>MW-05-8R</b> | <b>0.0025</b>     | <b>n/a</b>        | <b>3/25/2025</b> | <b>0.00531</b>  | <b>Yes</b>  | <b>18</b>   | <b>MW-06-7R</b> | <b>94.44</b> | <b>n/a</b>       | <b>0.004618</b> | <b>NP Inter (NDs) 1 of 2</b> |



Exceeds Limit: MW-29, MW-05-8R

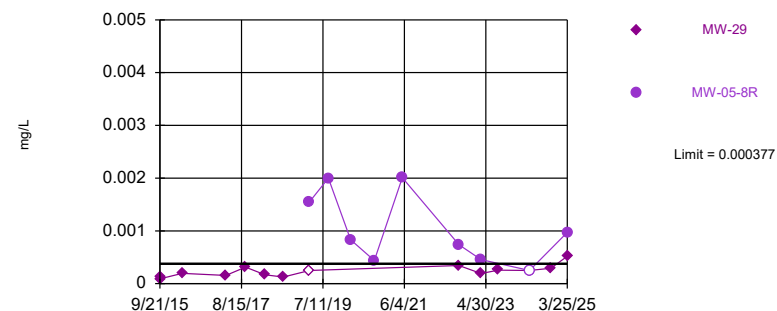
Within Limit



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 18 background values. Annual per-constituent alpha = 0.07995. Individual comparison alpha = 0.004618 (1 of 2). Comparing 4 points to limit. Assumes 5 future values.

Constituent: Barium Analysis Run 4/25/2025 8:39 AM View: 2025\_SSN-Interwell\_PL  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

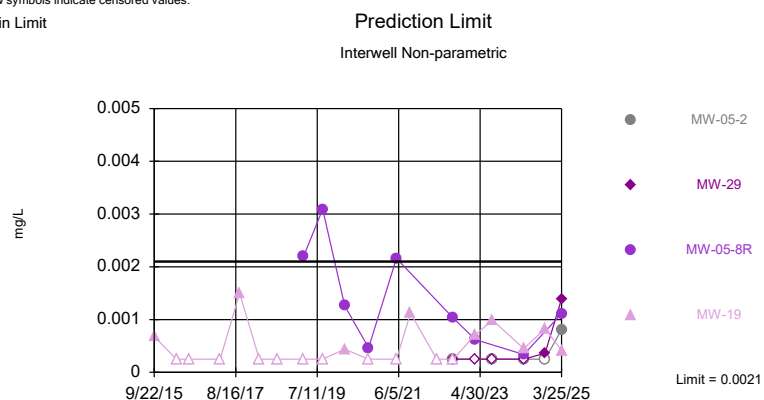
Prediction Limit  
Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 18 background values. 72.22% NDs. Annual per-constituent alpha = 0.07995. Individual comparison alpha = 0.004618 (1 of 2). Comparing 2 points to limit. Assumes 7 future values.

Constituent: Cobalt Analysis Run 4/25/2025 8:39 AM View: 2025\_SSN-Interwell\_PL  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Within Limit

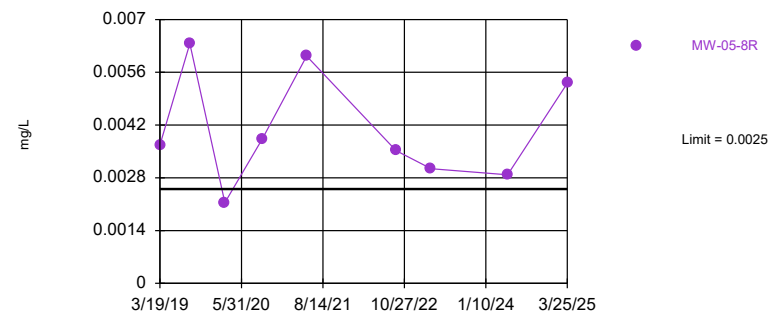


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 18 background values. 77.78% NDs. Annual per-constituent alpha = 0.07995. Individual comparison alpha = 0.004618 (1 of 2). Comparing 4 points to limit. Assumes 5 future values.

Constituent: Lead Analysis Run 4/25/2025 8:39 AM View: 2025\_SSN-Interwell\_PL  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Exceeds Limit: MW-05-8R

Prediction Limit  
Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 18 background values. 94.44% NDs. Annual per-constituent alpha = 0.07995. Individual comparison alpha = 0.004618 (1 of 2). Assumes 8 future values.

Constituent: Vanadium Analysis Run 4/25/2025 8:39 AM View: 2025\_SSN-Interwell\_PL  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP



Intrawell Prediction Limit  
Bedrock

# MW-39 Intra Prediction Limit

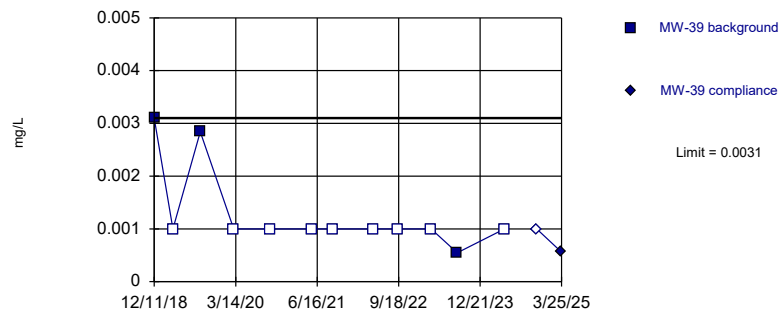
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP Printed 4/23/2025, 4:33 PM

| <u>Constituent</u> | <u>Well</u> | <u>Upper Lim.</u> | <u>Lower Lim.</u> | <u>Date</u> | <u>Observ.</u> | <u>Sig.</u> | <u>Bg N</u> | <u>Bg Wells</u> | <u>%NDs</u> | <u>Transform</u> | <u>Alpha</u> | <u>Method</u>            |
|--------------------|-------------|-------------------|-------------------|-------------|----------------|-------------|-------------|-----------------|-------------|------------------|--------------|--------------------------|
| Arsenic (mg/L)     | MW-39       | 0.0031            | n/a               | 3/25/2025   | 0.00056J       | No          | 12          | n/a             | 75          | n/a              | 0.01077      | NP Intra (NDs) 1 of 2    |
| Barium (mg/L)      | MW-39       | 0.703             | n/a               | 3/25/2025   | 0.333          | No          | 12          | n/a             | 0           | n/a              | 0.01077      | NP Intra (normality) ... |
| Beryllium (mg/L)   | MW-39       | 0.00208           | n/a               | 3/25/2025   | 0.0005ND       | No          | 12          | n/a             | 83.33       | n/a              | 0.01077      | NP Intra (NDs) 1 of 2    |
| Cadmium (mg/L)     | MW-39       | 0.000648          | n/a               | 3/25/2025   | 0.0001ND       | No          | 12          | n/a             | 75          | n/a              | 0.01077      | NP Intra (NDs) 1 of 2    |
| Chromium (mg/L)    | MW-39       | 0.01075           | n/a               | 3/25/2025   | 0.00265J       | No          | 12          | n/a             | 50          | sqrt(x)          | 0.001097     | Param Intra 1 of 2       |
| Cobalt (mg/L)      | MW-39       | 0.01093           | n/a               | 3/25/2025   | 0.00251        | No          | 12          | n/a             | 0           | No               | 0.001097     | Param Intra 1 of 2       |
| Copper (mg/L)      | MW-39       | 0.0135            | n/a               | 3/25/2025   | 0.0025ND       | No          | 12          | n/a             | 75          | n/a              | 0.01077      | NP Intra (NDs) 1 of 2    |
| Lead (mg/L)        | MW-39       | 0.0176            | n/a               | 3/25/2025   | 0.00335        | No          | 12          | n/a             | 8.333       | n/a              | 0.01077      | NP Intra (normality) ... |
| Nickel (mg/L)      | MW-39       | 0.0227            | n/a               | 3/25/2025   | 0.0025ND       | No          | 12          | n/a             | 66.67       | n/a              | 0.01077      | NP Intra (NDs) 1 of 2    |
| Selenium (mg/L)    | MW-39       | 0.0025            | n/a               | 3/25/2025   | 0.0025ND       | No          | 12          | n/a             | 83.33       | n/a              | 0.01077      | NP Intra (NDs) 1 of 2    |
| Vanadium (mg/L)    | MW-39       | 0.0314            | n/a               | 3/25/2025   | 0.0023J        | No          | 12          | n/a             | 41.67       | n/a              | 0.01077      | NP Intra (normality) ... |
| Zinc (mg/L)        | MW-39       | 0.0755            | n/a               | 3/25/2025   | 0.01ND         | No          | 12          | n/a             | 75          | n/a              | 0.01077      | NP Intra (NDs) 1 of 2    |

Within Limit

## Prediction Limit

Intrawell Non-parametric



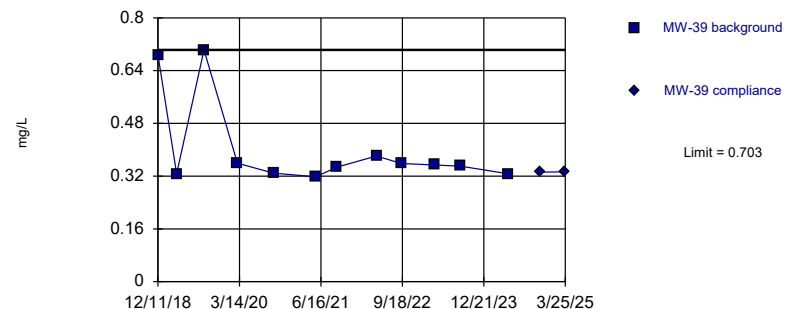
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 12 background values. 75% NDs. Well-constituent pair annual alpha = 0.02143. Individual comparison alpha = 0.01077 (1 of 2).

Constituent: Arsenic Analysis Run 4/23/2025 4:32 PM View: 2025\_SSN-MW-39\_IntraPL  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Within Limit

## Prediction Limit

Intrawell Non-parametric



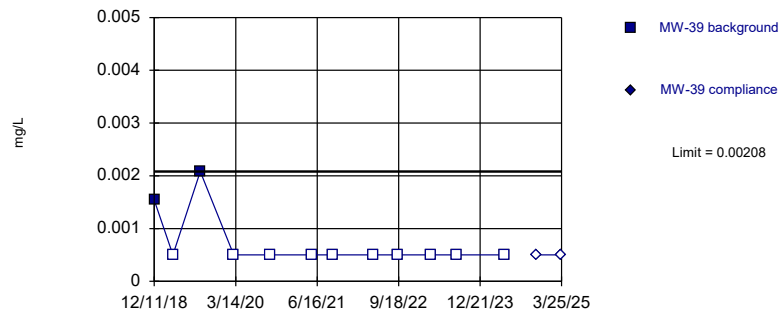
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 12 background values. Well-constituent pair annual alpha = 0.02143. Individual comparison alpha = 0.01077 (1 of 2).

Constituent: Barium Analysis Run 4/23/2025 4:32 PM View: 2025\_SSN-MW-39\_IntraPL  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Within Limit

## Prediction Limit

Intrawell Non-parametric



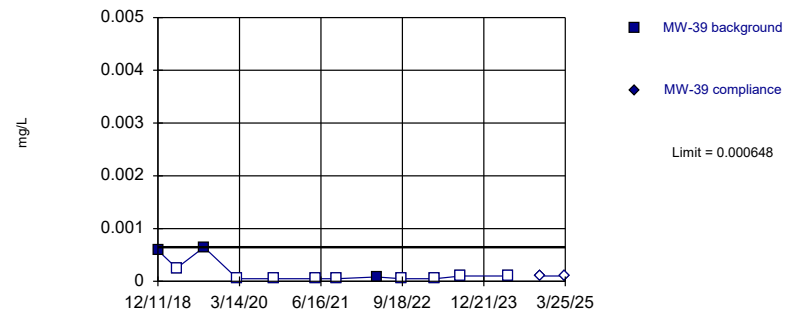
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 12 background values. 83.33% NDs. Well-constituent pair annual alpha = 0.02143. Individual comparison alpha = 0.01077 (1 of 2).

Constituent: Beryllium Analysis Run 4/23/2025 4:32 PM View: 2025\_SSN-MW-39\_IntraPL  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Within Limit

## Prediction Limit

Intrawell Non-parametric



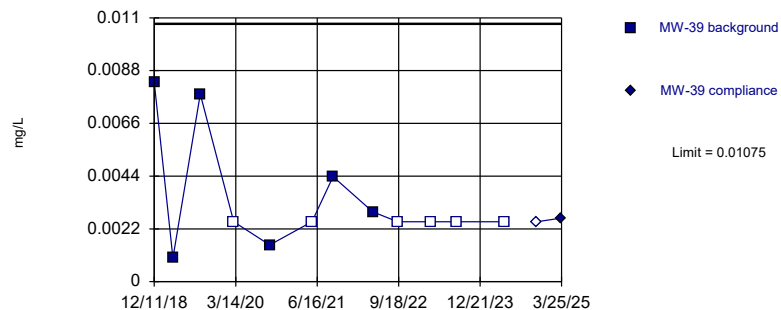
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 12 background values. 75% NDs. Well-constituent pair annual alpha = 0.02143. Individual comparison alpha = 0.01077 (1 of 2).

Constituent: Cadmium Analysis Run 4/23/2025 4:32 PM View: 2025\_SSN-MW-39\_IntraPL  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Within Limit

## Prediction Limit

Intrawell Parametric



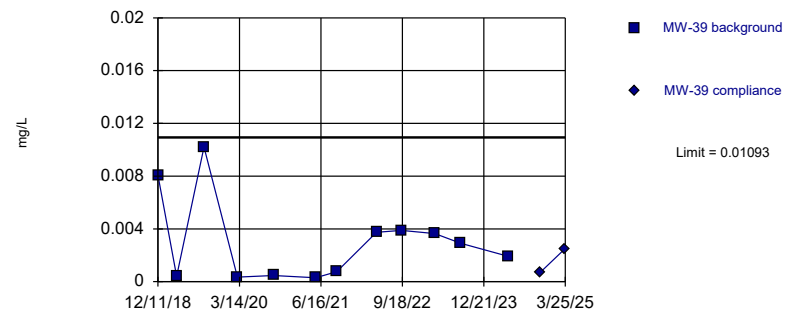
Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=0.05467, Std. Dev.=0.01996, n=12, 50% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8191, critical = 0.805. Kappa = 2.456 (c=12, w=4, 1 of 2, event alpha = 0.05132). Report alpha = 0.001097.

Constituent: Chromium Analysis Run 4/23/2025 4:32 PM View: 2025\_SSN-MW-39\_IntraPL  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Within Limit

## Prediction Limit

Intrawell Parametric



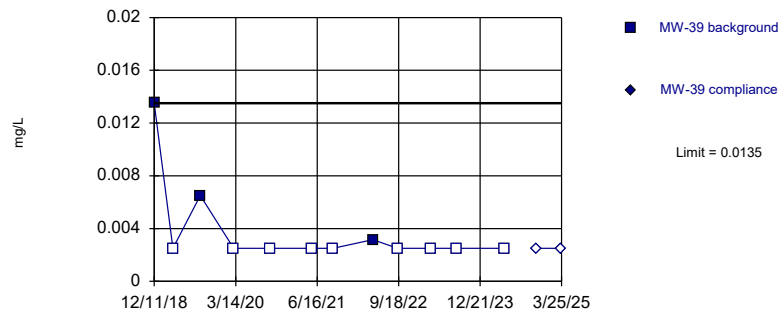
Background Data Summary: Mean=0.003052, Std. Dev.=0.003207, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8194, critical = 0.805. Kappa = 2.456 (c=12, w=4, 1 of 2, event alpha = 0.05132). Report alpha = 0.001097.

Constituent: Cobalt Analysis Run 4/23/2025 4:32 PM View: 2025\_SSN-MW-39\_IntraPL  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Within Limit

## Prediction Limit

Intrawell Non-parametric



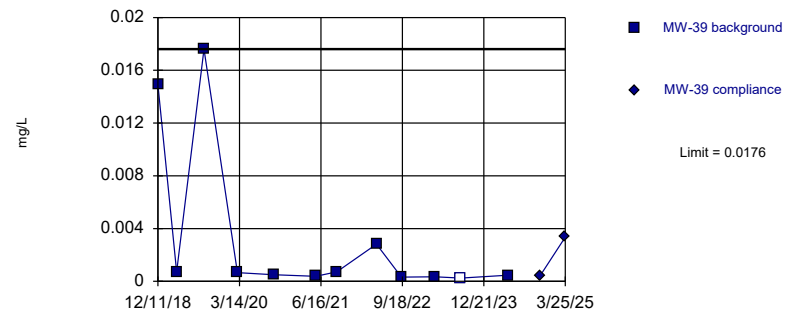
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 12 background values. 75% NDs. Well-constituent pair annual alpha = 0.02143. Individual comparison alpha = 0.01077 (1 of 2).

Constituent: Copper Analysis Run 4/23/2025 4:32 PM View: 2025\_SSN-MW-39\_IntraPL  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Within Limit

## Prediction Limit

Intrawell Non-parametric



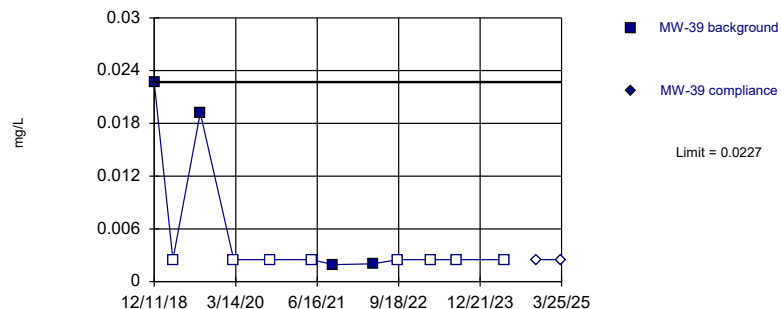
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 12 background values. 8.333% NDs. Well-constituent pair annual alpha = 0.02143. Individual comparison alpha = 0.01077 (1 of 2).

Constituent: Lead Analysis Run 4/23/2025 4:32 PM View: 2025\_SSN-MW-39\_IntraPL  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Within Limit

## Prediction Limit

Intrawell Non-parametric



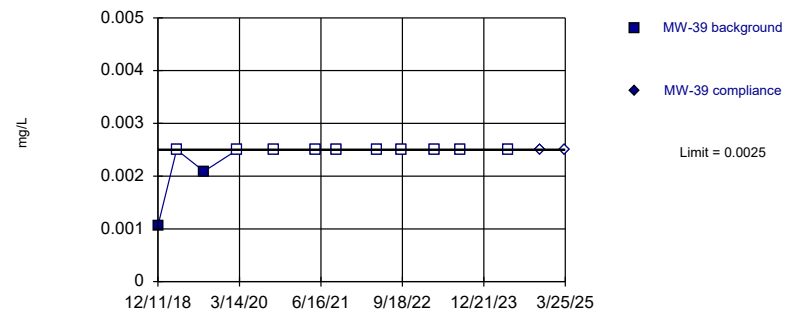
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 12 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.02143. Individual comparison alpha = 0.01077 (1 of 2).

Constituent: Nickel Analysis Run 4/23/2025 4:32 PM View: 2025\_SSN-MW-39\_IntraPL  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Within Limit

## Prediction Limit

Intrawell Non-parametric



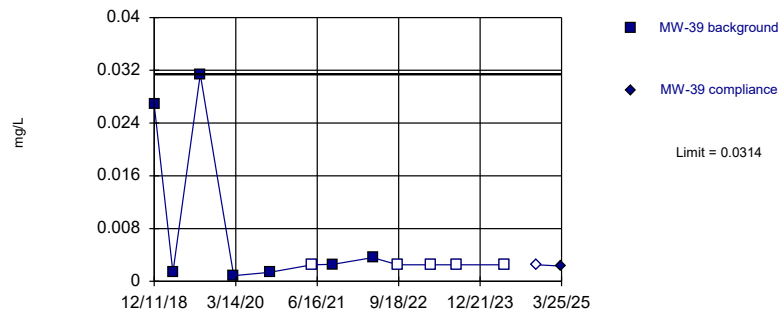
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 12 background values. 83.33% NDs. Well-constituent pair annual alpha = 0.02143. Individual comparison alpha = 0.01077 (1 of 2).

Constituent: Selenium Analysis Run 4/23/2025 4:32 PM View: 2025\_SSN-MW-39\_IntraPL  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Within Limit

## Prediction Limit

Intrawell Non-parametric



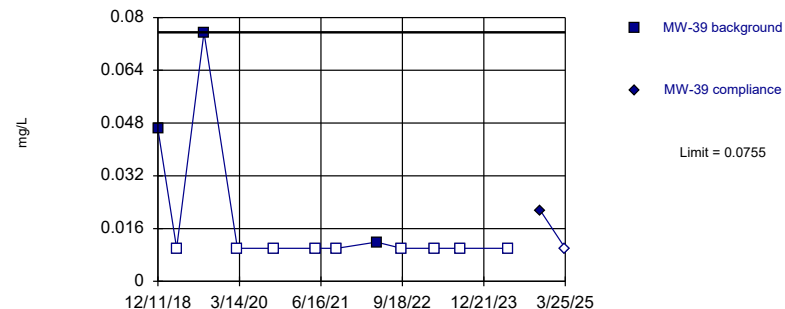
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 12 background values. 41.67% NDs. Well-constituent pair annual alpha = 0.02143. Individual comparison alpha = 0.01077 (1 of 2).

Constituent: Vanadium Analysis Run 4/23/2025 4:32 PM View: 2025\_SSN-MW-39\_IntraPL  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

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 12 background values. 75% NDs. Well-constituent pair annual alpha = 0.02143. Individual comparison alpha = 0.01077 (1 of 2).

Constituent: Zinc Analysis Run 4/23/2025 4:32 PM View: 2025\_SSN-MW-39\_IntraPL  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

# MW-41 Intra Prediction Limit

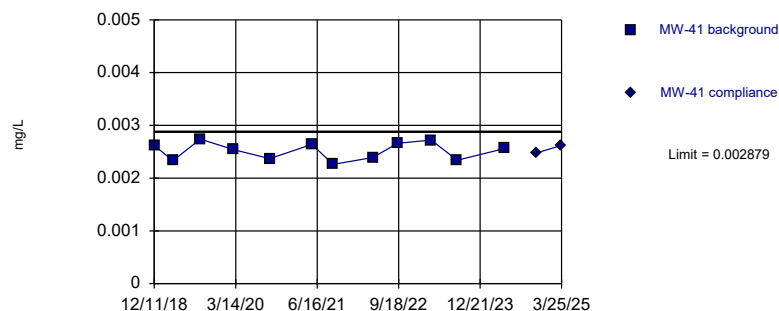
Clinton County SLF   Client: SCS Engineers   Data: CCASW ES Sanitas HMSP   Printed 4/23/2025, 4:52 PM

| <u>Constituent</u> | <u>Well</u> | <u>Upper Lim.</u> | <u>Lower Lim.</u> | <u>Date</u> | <u>Observ.</u> | <u>Sig.</u> | <u>Bg N</u> | <u>Bg Wells</u> | <u>%NDs</u> | <u>Transform</u> | <u>Alpha</u> | <u>Method</u>         |
|--------------------|-------------|-------------------|-------------------|-------------|----------------|-------------|-------------|-----------------|-------------|------------------|--------------|-----------------------|
| Arsenic (mg/L)     | MW-41       | 0.002879          | n/a               | 3/25/2025   | 0.00262        | No          | 12          | n/a             | 0           | No               | 0.002193     | Param Intra 1 of 2    |
| Barium (mg/L)      | MW-41       | 0.178             | n/a               | 3/25/2025   | 0.162          | No          | 12          | n/a             | 0           | No               | 0.002193     | Param Intra 1 of 2    |
| Cadmium (mg/L)     | MW-41       | 0.00025           | n/a               | 3/25/2025   | 0.0001ND       | No          | 12          | n/a             | 83.33       | n/a              | 0.01077      | NP Intra (NDs) 1 of 2 |
| Chromium (mg/L)    | MW-41       | 0.0043            | n/a               | 3/25/2025   | 0.0025ND       | No          | 12          | n/a             | 83.33       | n/a              | 0.01077      | NP Intra (NDs) 1 of 2 |
| Cobalt (mg/L)      | MW-41       | 0.000543          | n/a               | 3/25/2025   | 0.000417J      | No          | 12          | n/a             | 0           | No               | 0.002193     | Param Intra 1 of 2    |
| Lead (mg/L)        | MW-41       | 0.000869          | n/a               | 3/25/2025   | 0.00025ND      | No          | 12          | n/a             | 58.33       | n/a              | 0.01077      | NP Intra (NDs) 1 of 2 |

Within Limit

## Prediction Limit

Intrawell Parametric



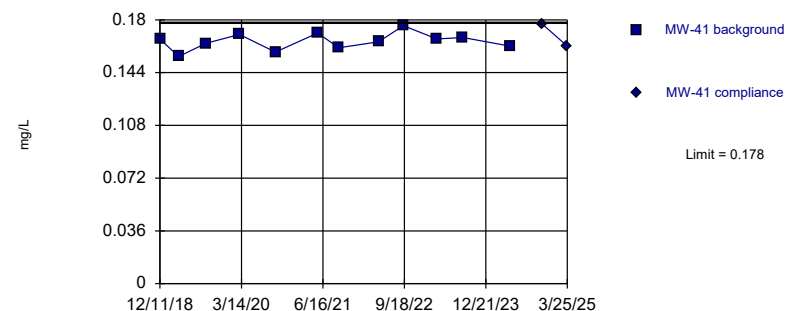
Background Data Summary: Mean=0.002514, Std. Dev.=0.0001677, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9152, critical = 0.805. Kappa = 2.176 (c=6, w=4, 1 of 2, event alpha = 0.05132). Report alpha = 0.002193.

Constituent: Arsenic Analysis Run 4/23/2025 4:50 PM View: 2025\_SSN-MW-41\_IntraPL  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Within Limit

## Prediction Limit

Intrawell Parametric



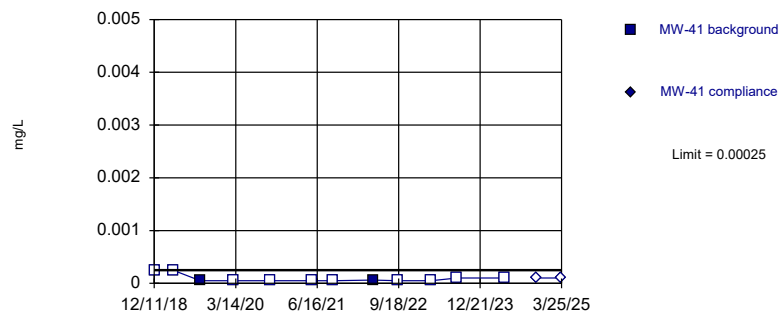
Background Data Summary: Mean=0.1653, Std. Dev.=0.005821, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9914, critical = 0.805. Kappa = 2.176 (c=6, w=4, 1 of 2, event alpha = 0.05132). Report alpha = 0.002193.

Constituent: Barium Analysis Run 4/23/2025 4:50 PM View: 2025\_SSN-MW-41\_IntraPL  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Within Limit

## Prediction Limit

Intrawell Non-parametric



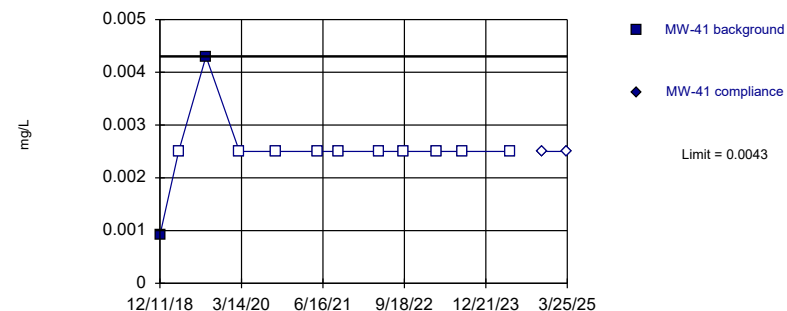
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 12 background values. 83.33% NDs. Well-constituent pair annual alpha = 0.02143. Individual comparison alpha = 0.01077 (1 of 2).

Constituent: Cadmium Analysis Run 4/23/2025 4:50 PM View: 2025\_SSN-MW-41\_IntraPL  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Within Limit

## Prediction Limit

Intrawell Non-parametric



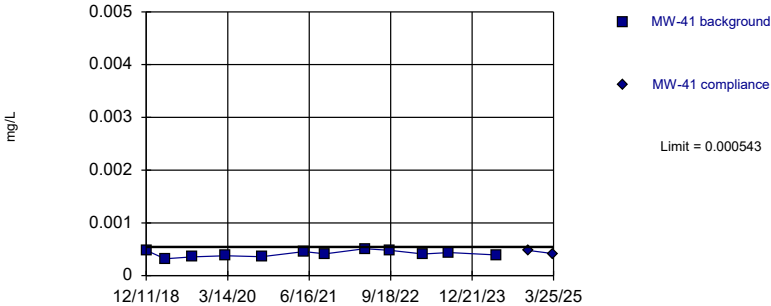
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 12 background values. 83.33% NDs. Well-constituent pair annual alpha = 0.02143. Individual comparison alpha = 0.01077 (1 of 2).

Constituent: Chromium Analysis Run 4/23/2025 4:50 PM View: 2025\_SSN-MW-41\_IntraPL  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP



Within Limit

Prediction Limit  
Intrawell Parametric

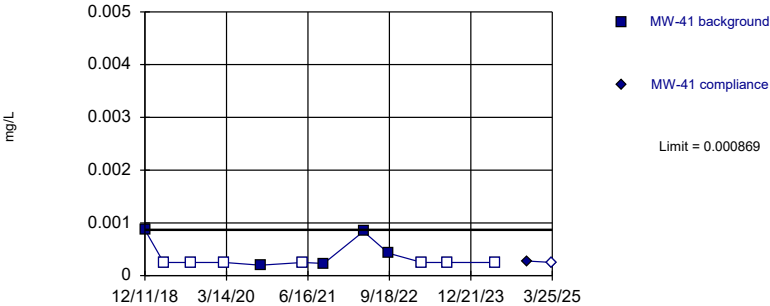


Background Data Summary: Mean=0.0004158, Std. Dev.=0.00005846, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9712, critical = 0.805. Kappa = 2.176 (c=6, w=4, 1 of 2, event alpha = 0.05132). Report alpha = 0.002193.

Constituent: Cobalt Analysis Run 4/23/2025 4:50 PM View: 2025\_SSN-MW-41\_IntraPL  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

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 12 background values. 58.33% NDs. Well-constituent pair annual alpha = 0.02143. Individual comparison alpha = 0.01077 (1 of 2).

Constituent: Lead Analysis Run 4/23/2025 4:50 PM View: 2025\_SSN-MW-41\_IntraPL  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

# MW-42 Intra Prediction Limit

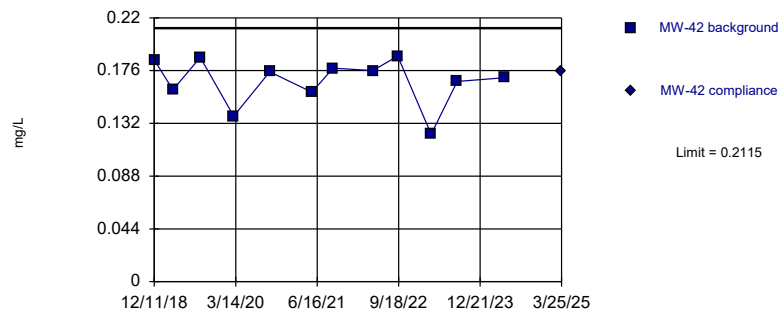
Clinton County SLF   Client: SCS Engineers   Data: CCASW ES Sanitas HMSP   Printed 4/23/2025, 5:00 PM

| <u>Constituent</u> | <u>Well</u> | <u>Upper Lim.</u> | <u>Lower Lim.</u> | <u>Date</u> | <u>Observ.</u> | <u>Sig.</u> | <u>Bg N</u> | <u>Bg Wells</u> | <u>%NDs</u> | <u>Transform</u> | <u>Alpha</u> | <u>Method</u>         |
|--------------------|-------------|-------------------|-------------------|-------------|----------------|-------------|-------------|-----------------|-------------|------------------|--------------|-----------------------|
| Barium (mg/L)      | MW-42       | 0.2115            | n/a               | 3/25/2025   | 0.176          | No          | 12          | n/a             | 0           | No               | 0.00188      | Param Intra 1 of 2    |
| Chromium (mg/L)    | MW-42       | 0.0025            | n/a               | 3/25/2025   | 0.0022J        | No          | 12          | n/a             | 91.67       | n/a              | 0.01077      | NP Intra (NDs) 1 of 2 |
| Cobalt (mg/L)      | MW-42       | 0.000331          | n/a               | 3/25/2025   | 0.000186J      | No          | 12          | n/a             | 58.33       | n/a              | 0.01077      | NP Intra (NDs) 1 of 2 |
| Lead (mg/L)        | MW-42       | 0.00115           | n/a               | 3/25/2025   | 0.000419J      | No          | 12          | n/a             | 75          | n/a              | 0.01077      | NP Intra (NDs) 1 of 2 |
| Nickel (mg/L)      | MW-42       | 0.0025            | n/a               | 3/25/2025   | 0.0025ND       | No          | 12          | n/a             | 91.67       | n/a              | 0.01077      | NP Intra (NDs) 1 of 2 |
| Selenium (mg/L)    | MW-42       | 0.00271           | n/a               | 3/25/2025   | 0.0025ND       | No          | 12          | n/a             | 8.333       | No               | 0.00188      | Param Intra 1 of 2    |
| Vanadium (mg/L)    | MW-42       | 0.0025            | n/a               | 3/25/2025   | 0.0025ND       | No          | 12          | n/a             | 91.67       | n/a              | 0.01077      | NP Intra (NDs) 1 of 2 |

Within Limit

## Prediction Limit

Intrawell Parametric



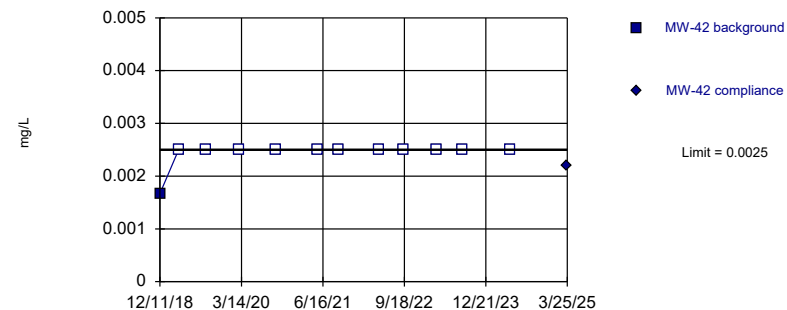
Background Data Summary: Mean=0.1671, Std. Dev.=0.01988, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8858, critical = 0.805. Kappa = 2.232 (c=7, w=4, 1 of 2, event alpha = 0.05132). Report alpha = 0.00188.

Constituent: Barium Analysis Run 4/23/2025 4:58 PM View: 2025\_SSN-MW-42\_IntraPL  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Within Limit

## Prediction Limit

Intrawell Non-parametric



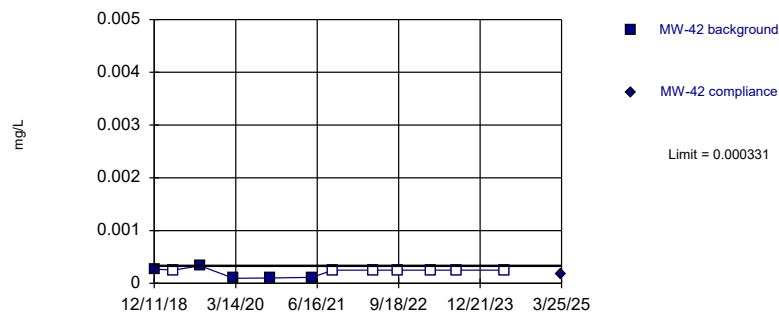
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 12 background values. 91.67% NDs. Well-constituent pair annual alpha = 0.02143. Individual comparison alpha = 0.01077 (1 of 2).

Constituent: Chromium Analysis Run 4/23/2025 4:58 PM View: 2025\_SSN-MW-42\_IntraPL  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Within Limit

## Prediction Limit

Intrawell Non-parametric



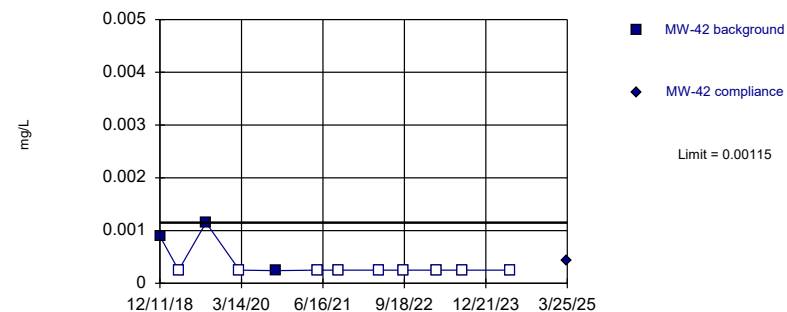
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 12 background values. 58.33% NDs. Well-constituent pair annual alpha = 0.02143. Individual comparison alpha = 0.01077 (1 of 2).

Constituent: Cobalt Analysis Run 4/23/2025 4:58 PM View: 2025\_SSN-MW-42\_IntraPL  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Within Limit

## Prediction Limit

Intrawell Non-parametric



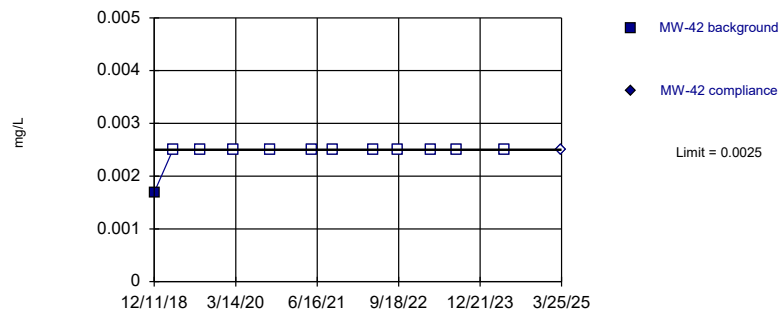
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 12 background values. 75% NDs. Well-constituent pair annual alpha = 0.02143. Individual comparison alpha = 0.01077 (1 of 2).

Constituent: Lead Analysis Run 4/23/2025 4:58 PM View: 2025\_SSN-MW-42\_IntraPL  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Within Limit

## Prediction Limit

Intrawell Non-parametric



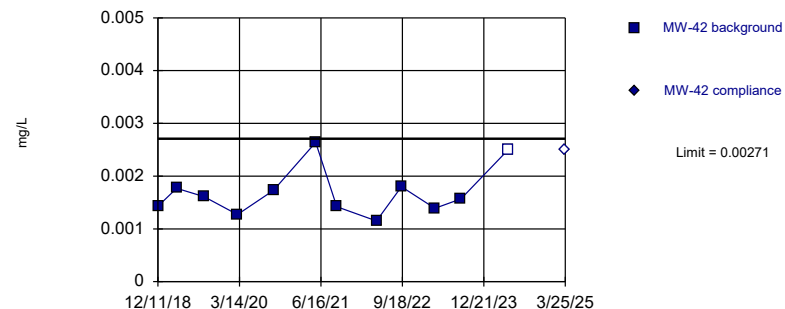
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 12 background values. 91.67% NDs. Well-constituent pair annual alpha = 0.02143. Individual comparison alpha = 0.01077 (1 of 2).

Constituent: Nickel Analysis Run 4/23/2025 4:59 PM View: 2025\_SSN-MW-42\_IntraPL  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Within Limit

## Prediction Limit

Intrawell Parametric



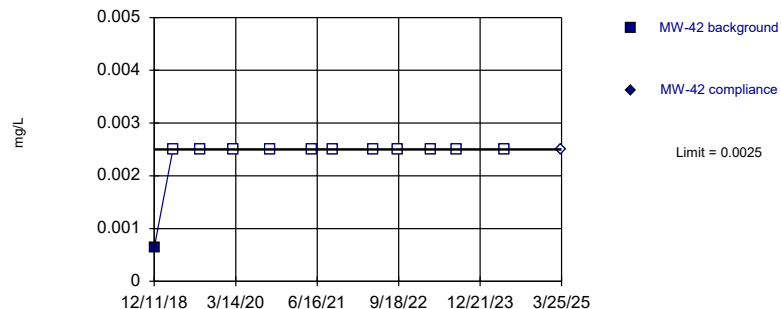
Background Data Summary: Mean=0.00169, Std. Dev.=0.0004571, n=12, 8.333% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8595, critical = 0.805. Kappa = 2.232 (c=7, w=4, 1 of 2, event alpha = 0.05132). Report alpha = 0.00188.

Constituent: Selenium Analysis Run 4/23/2025 4:59 PM View: 2025\_SSN-MW-42\_IntraPL  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

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 12 background values. 91.67% NDs. Well-constituent pair annual alpha = 0.02143. Individual comparison alpha = 0.01077 (1 of 2).

Constituent: Vanadium Analysis Run 4/23/2025 4:59 PM View: 2025\_SSN-MW-42\_IntraPL  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

## Mann-Kendall Summary Table

### Water Table Aquifer

# Trend Test

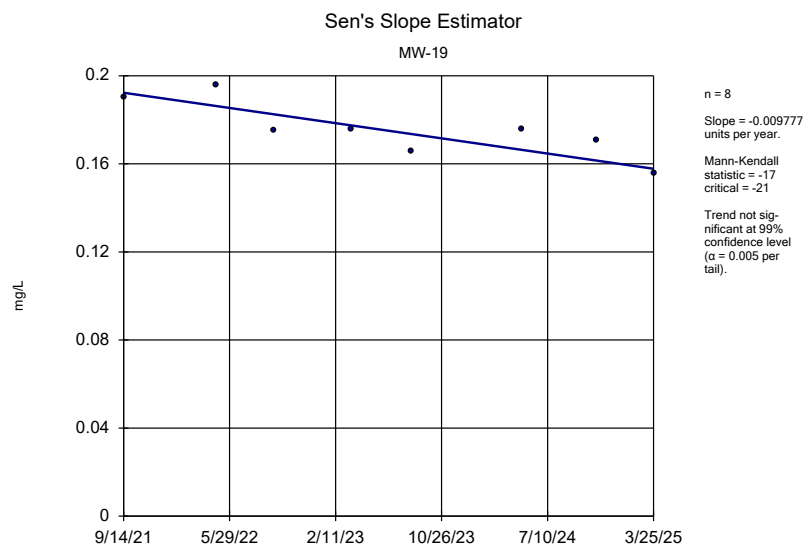
Clinton County SLF

Client: SCS Engineers

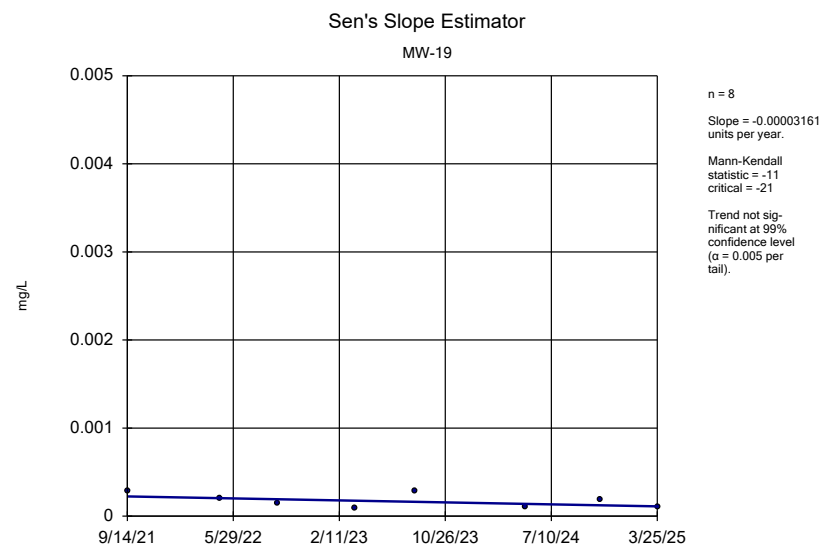
Data: CCASW-ES-2025\_SSN-AM

Printed 4/24/2025, 1:35 PM

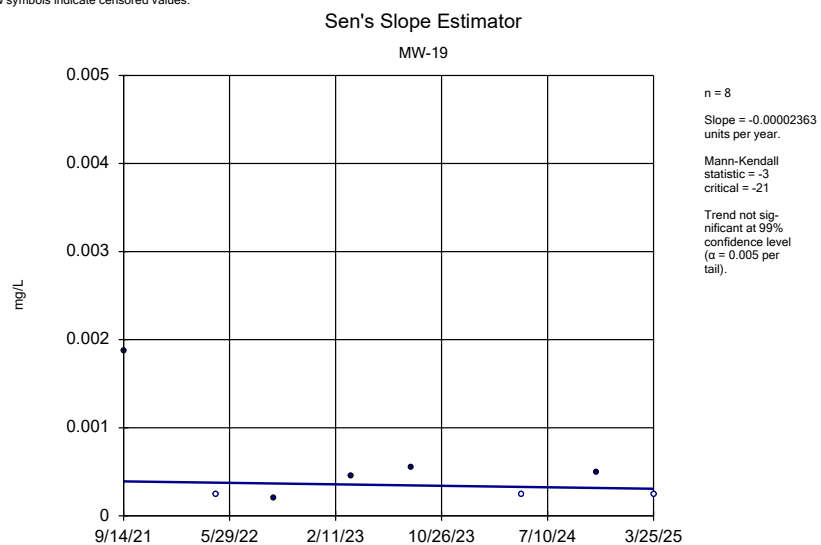
| <u>Constituent</u> | <u>Well</u> | <u>Slope</u> | <u>Calc.</u> | <u>Critical</u> | <u>Sig.</u> | <u>N</u> | <u>%NDs</u> | <u>Alpha</u> | <u>Method</u> |
|--------------------|-------------|--------------|--------------|-----------------|-------------|----------|-------------|--------------|---------------|
| Barium (mg/L)      | MW-19       | -0.009777    | -17          | -21             | No          | 8        | 0           | 0.01         | NP            |
| Cadmium (mg/L)     | MW-19       | -0.00003161  | -11          | -21             | No          | 8        | 0           | 0.01         | NP            |
| Cobalt (mg/L)      | MW-19       | -0.00002363  | -3           | -21             | No          | 8        | 37.5        | 0.01         | NP            |
| Lead (mg/L)        | MW-19       | -0.00001927  | -1           | -21             | No          | 8        | 25          | 0.01         | NP            |
| Nickel (mg/L)      | MW-19       | -0.001776    | -18          | -21             | No          | 8        | 12.5        | 0.01         | NP            |
| Silver (mg/L)      | MW-19       | 0            | -3           | -21             | No          | 8        | 87.5        | 0.01         | NP            |
| Thallium (mg/L)    | MW-19       | 0            | 3            | 21              | No          | 8        | 75          | 0.01         | NP            |



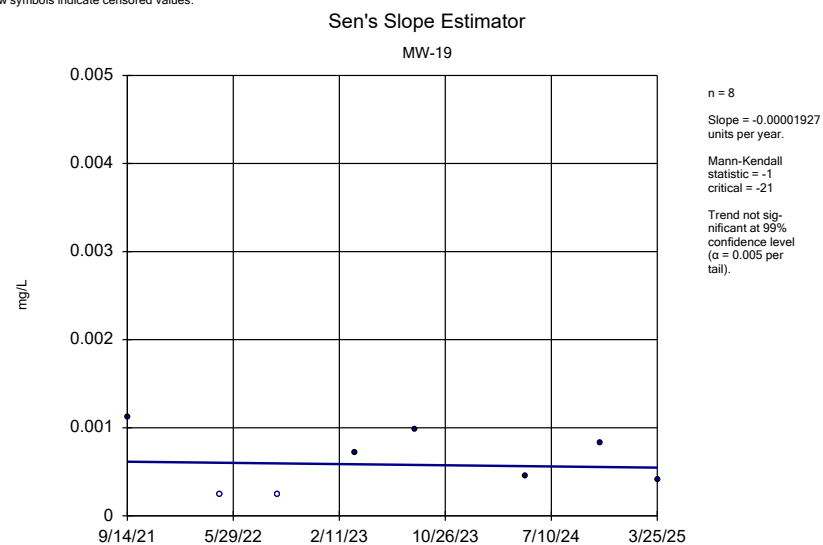
Constituent: Barium Analysis Run 4/24/2025 1:32 PM View: 2025\_SSN-Mann\_Kendall  
Clinton County SLF Client: SCS Engineers Data: CCASW-ES-2025\_SSN-AM



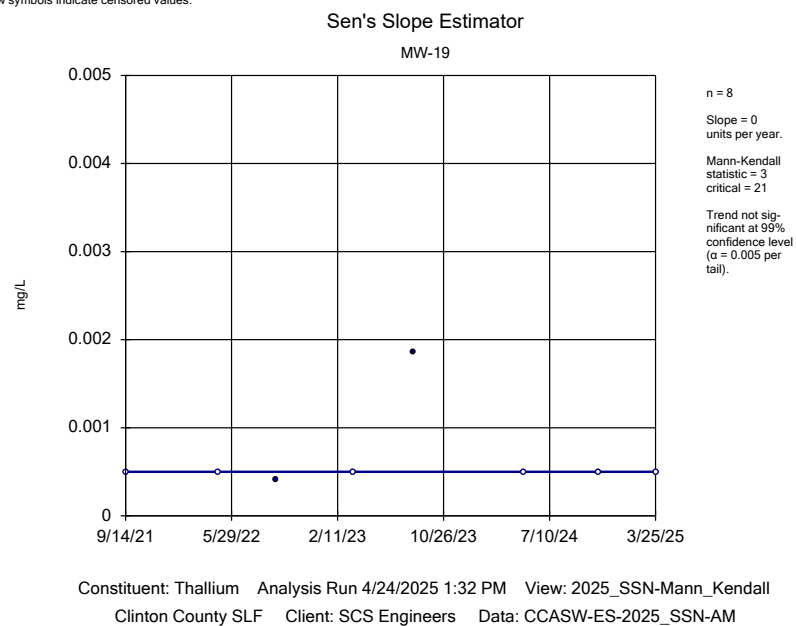
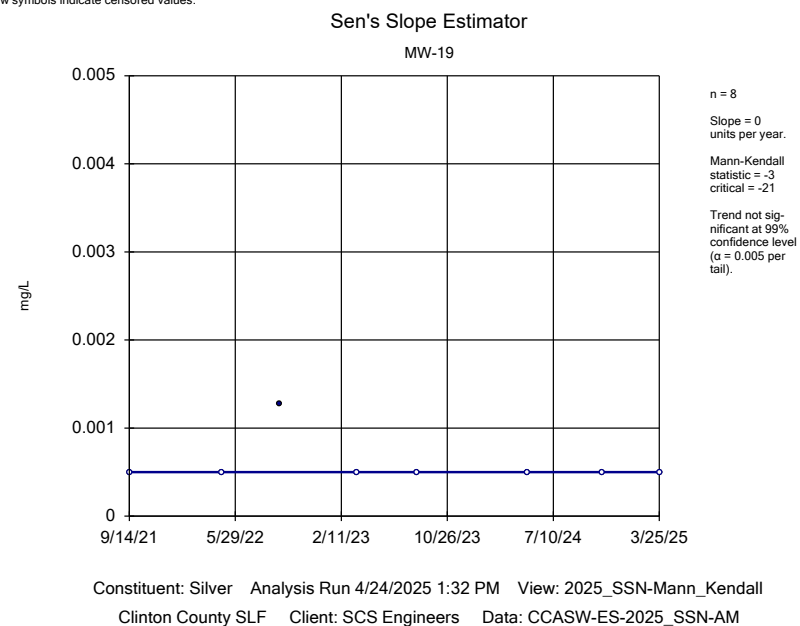
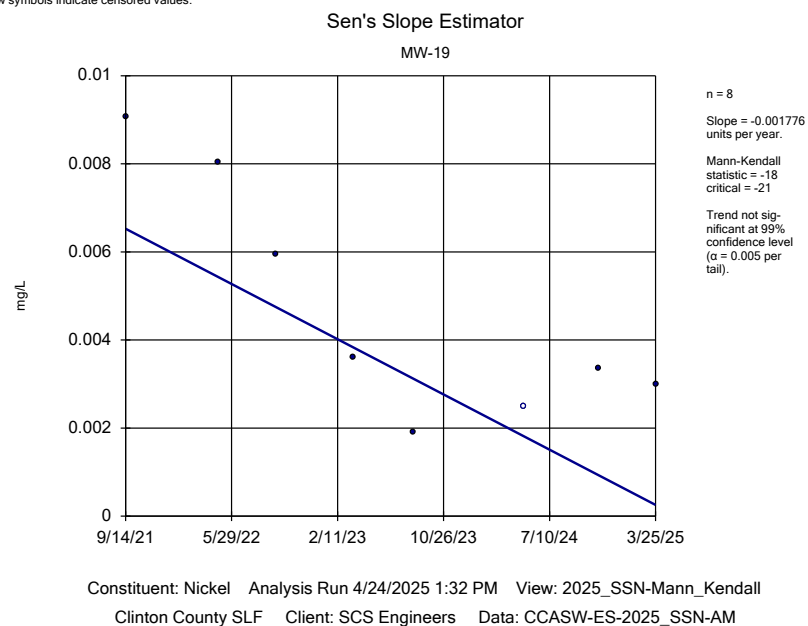
Constituent: Cadmium Analysis Run 4/24/2025 1:32 PM View: 2025\_SSN-Mann\_Kendall  
Clinton County SLF Client: SCS Engineers Data: CCASW-ES-2025\_SSN-AM



Constituent: Cobalt Analysis Run 4/24/2025 1:32 PM View: 2025\_SSN-Mann\_Kendall  
Clinton County SLF Client: SCS Engineers Data: CCASW-ES-2025\_SSN-AM



Constituent: Lead Analysis Run 4/24/2025 1:32 PM View: 2025\_SSN-Mann\_Kendall  
Clinton County SLF Client: SCS Engineers Data: CCASW-ES-2025\_SSN-AM





# Trend Test

Clinton County SLF

Client: SCS Engineers

Data: CCASW-ES-2025\_SSN-AM

Printed 4/24/2025, 1:35 PM

| <u>Constituent</u> | <u>Well</u> | <u>Slope</u> | <u>Calc.</u> | <u>Critical</u> | <u>Sig.</u> | <u>N</u> | <u>%NDs</u> | <u>Alpha</u> | <u>Method</u> |
|--------------------|-------------|--------------|--------------|-----------------|-------------|----------|-------------|--------------|---------------|
| Barium (mg/L)      | MW-19       | -0.009777    | -17          | -21             | No          | 8        | 0           | 0.01         | NP            |
| Cadmium (mg/L)     | MW-19       | -0.00003161  | -11          | -21             | No          | 8        | 0           | 0.01         | NP            |
| Cobalt (mg/L)      | MW-19       | -0.00002363  | -3           | -21             | No          | 8        | 37.5        | 0.01         | NP            |
| Lead (mg/L)        | MW-19       | -0.00001927  | -1           | -21             | No          | 8        | 25          | 0.01         | NP            |
| Nickel (mg/L)      | MW-19       | -0.001776    | -18          | -21             | No          | 8        | 12.5        | 0.01         | NP            |
| Silver (mg/L)      | MW-19       | 0            | -3           | -21             | No          | 8        | 87.5        | 0.01         | NP            |
| Thallium (mg/L)    | MW-19       | 0            | 3            | 21              | No          | 8        | 75          | 0.01         | NP            |

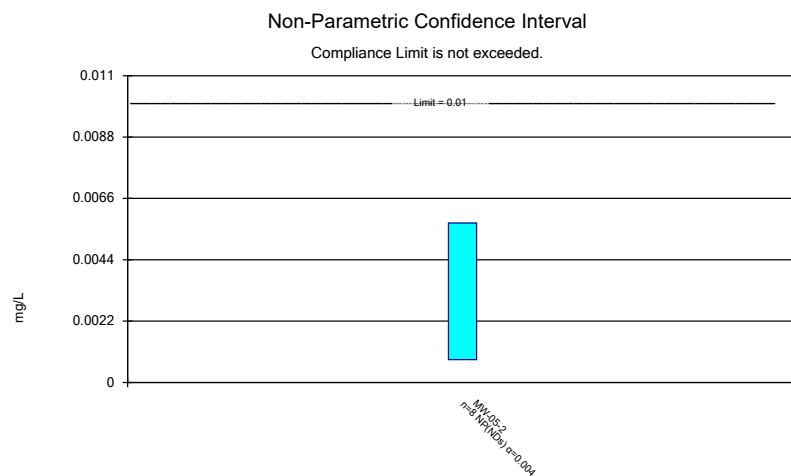
## Confidence Interval Summary Table

### Water Table Aquifer

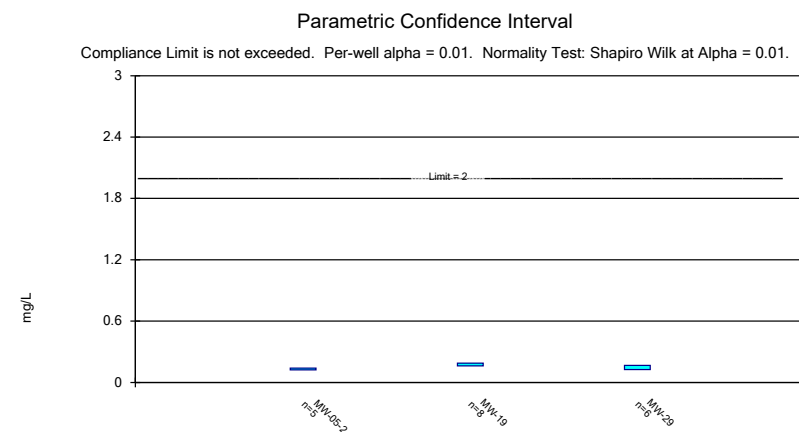
# AM and AZPOC Confidence Interval

Clinton County SLF   Client: SCS Engineers   Data: CCASW-ES-2025\_SSN-AM   Printed 4/24/2025, 2:07 PM

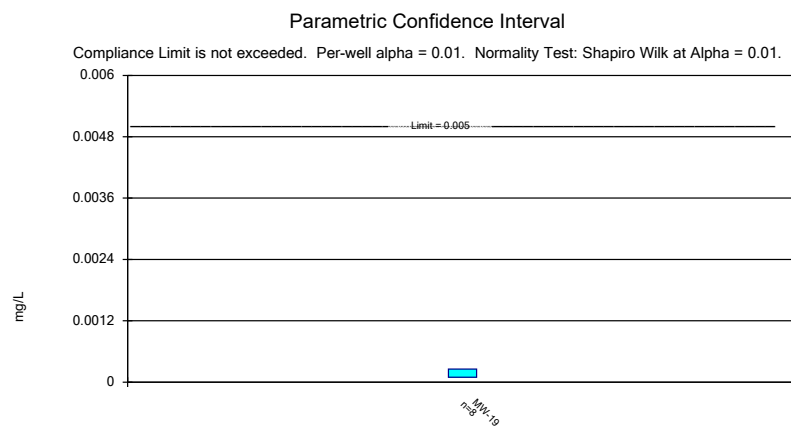
| <u>Constituent</u> | <u>Well</u> | <u>Upper Lim.</u> | <u>Lower Lim.</u> | <u>Compliance</u> | <u>Sig.</u> | <u>N</u> | <u>%NDs</u> | <u>Transform</u> | <u>Alpha</u> | <u>Method</u>  |
|--------------------|-------------|-------------------|-------------------|-------------------|-------------|----------|-------------|------------------|--------------|----------------|
| Arsenic (mg/L)     | MW-05-2     | 0.00572           | 0.000818          | 0.01              | No          | 8        | 75          | No               | 0.004        | NP (NDs)       |
| Barium (mg/L)      | MW-05-2     | 0.1403            | 0.1235            | 2                 | No          | 5        | 0           | No               | 0.01         | Param.         |
| Barium (mg/L)      | MW-19       | 0.1892            | 0.1621            | 2                 | No          | 8        | 0           | No               | 0.01         | Param.         |
| Barium (mg/L)      | MW-29       | 0.1675            | 0.1255            | 2                 | No          | 6        | 0           | No               | 0.01         | Param.         |
| Cadmium (mg/L)     | MW-19       | 0.0002545         | 0.0000942         | 0.005             | No          | 8        | 0           | No               | 0.01         | Param.         |
| Chromium (mg/L)    | MW-29       | 0.006539          | 0.001848          | 0.1               | No          | 6        | 0           | No               | 0.01         | Param.         |
| Cobalt (mg/L)      | MW-19       | 0.00188           | 0.000208          | 0.0021            | No          | 8        | 37.5        | No               | 0.004        | NP (normality) |
| Cobalt (mg/L)      | MW-29       | 0.0003985         | 0.0001527         | 0.0021            | No          | 8        | 25          | No               | 0.01         | Param.         |
| Lead (mg/L)        | MW-05-2     | 0.000806          | 0.00025           | 0.015             | No          | 5        | 80          | No               | 0.031        | NP (NDs)       |
| Lead (mg/L)        | MW-19       | 0.0009519         | 0.0003938         | 0.015             | No          | 8        | 25          | No               | 0.01         | Param.         |
| Lead (mg/L)        | MW-29       | 0.00139           | 0.00025           | 0.015             | No          | 6        | 66.67       | No               | 0.0155       | NP (NDs)       |
| Nickel (mg/L)      | MW-19       | 0.007524          | 0.001829          | 0.1               | No          | 8        | 12.5        | No               | 0.01         | Param.         |
| Silver (mg/L)      | MW-05-2     | 0.00119           | 0.0005            | 0.1               | No          | 5        | 80          | No               | 0.031        | NP (NDs)       |
| Silver (mg/L)      | MW-19       | 0.00128           | 0.0005            | 0.1               | No          | 8        | 87.5        | No               | 0.004        | NP (NDs)       |
| Thallium (mg/L)    | MW-19       | 0.00186           | 0.000414          | 0.002             | No          | 8        | 75          | No               | 0.004        | NP (NDs)       |



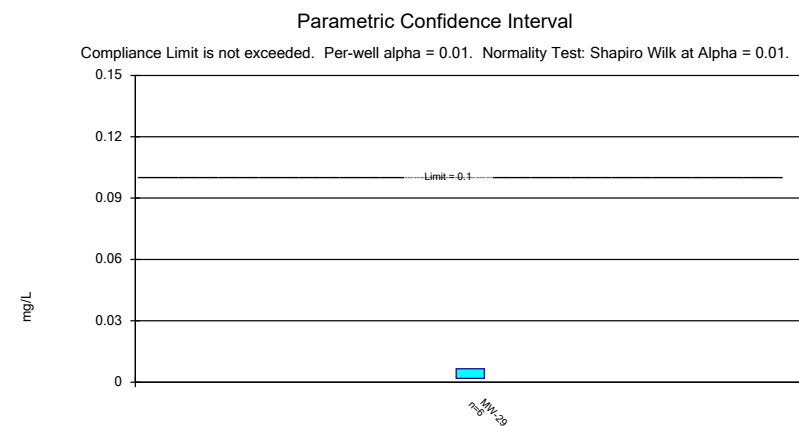
Constituent: Arsenic    Analysis Run 4/24/2025 2:06 PM    View: 2025\_SSN\_Confidence Interval AM and AZP  
Clinton County SLF    Client: SCS Engineers    Data: CCASW-ES-2025\_SSN-AM



Constituent: Barium    Analysis Run 4/24/2025 2:06 PM    View: 2025\_SSN\_Confidence Interval AM and AZP  
Clinton County SLF    Client: SCS Engineers    Data: CCASW-ES-2025\_SSN-AM



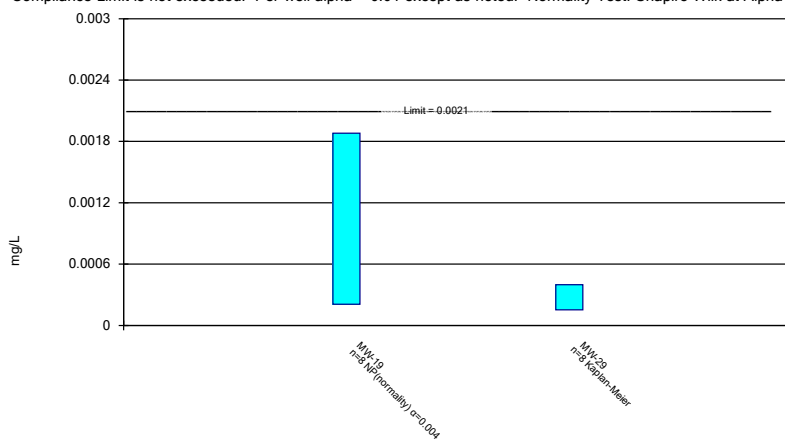
Constituent: Cadmium    Analysis Run 4/24/2025 2:06 PM    View: 2025\_SSN\_Confidence Interval AM and AZ  
Clinton County SLF    Client: SCS Engineers    Data: CCASW-ES-2025\_SSN-AM



Constituent: Chromium    Analysis Run 4/24/2025 2:06 PM    View: 2025\_SSN\_Confidence Interval AM and A  
Clinton County SLF    Client: SCS Engineers    Data: CCASW-ES-2025\_SSN-AM

## Parametric and Non-Parametric (NP) Confidence Interval

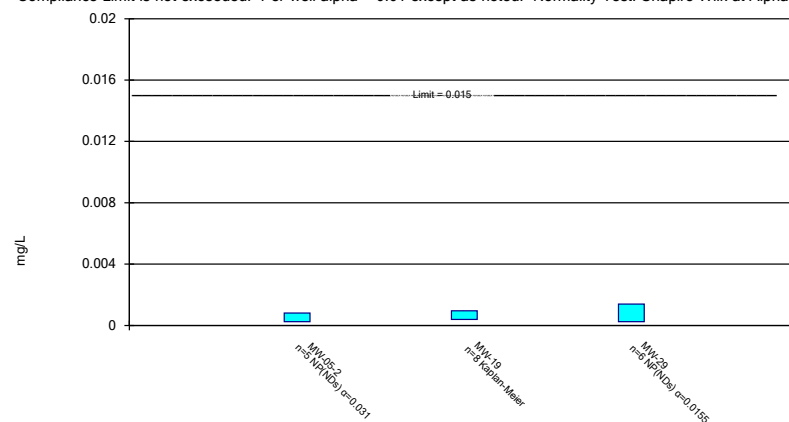
Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk at Alpha = 0.01.



Constituent: Cobalt Analysis Run 4/24/2025 2:06 PM View: 2025\_SSN\_Confidence Interval AM and AZP  
Clinton County SLF Client: SCS Engineers Data: CCASW-ES-2025\_SSN-AM

## Parametric and Non-Parametric (NP) Confidence Interval

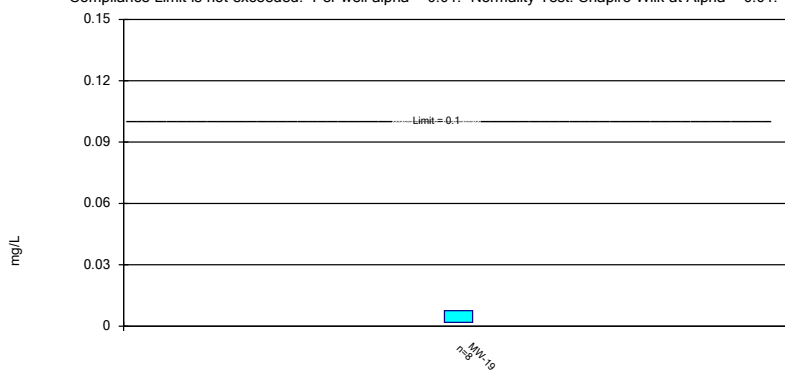
Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk at Alpha = 0.01.



Constituent: Lead Analysis Run 4/24/2025 2:06 PM View: 2025\_SSN\_Confidence Interval AM and AZPO  
Clinton County SLF Client: SCS Engineers Data: CCASW-ES-2025\_SSN-AM

## Parametric Confidence Interval

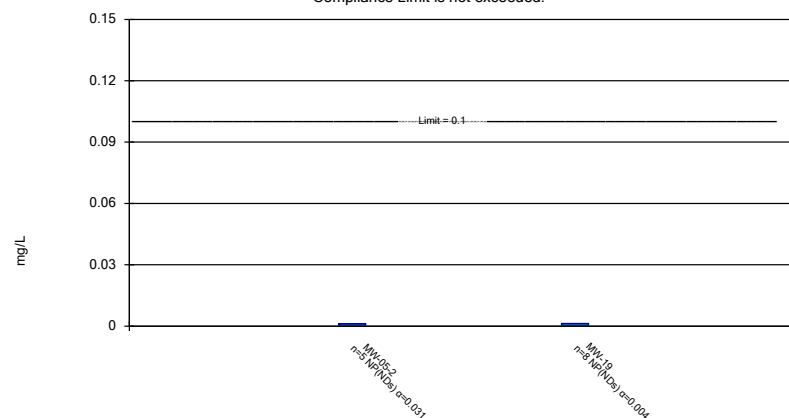
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk at Alpha = 0.01.



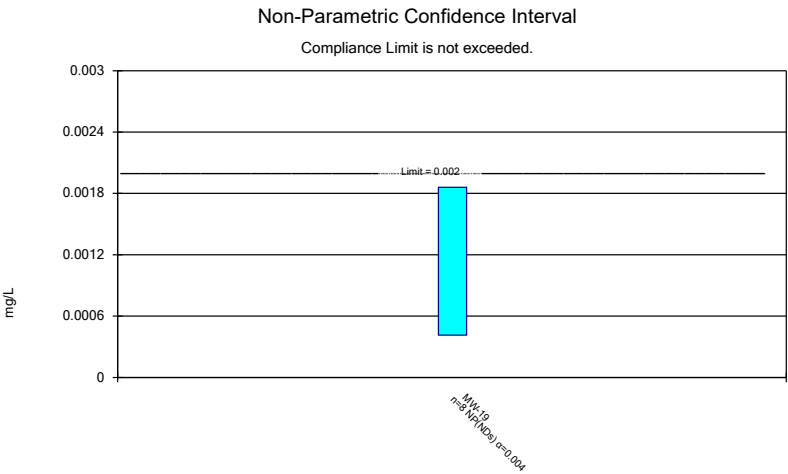
Constituent: Nickel Analysis Run 4/24/2025 2:06 PM View: 2025\_SSN\_Confidence Interval AM and AZPO  
Clinton County SLF Client: SCS Engineers Data: CCASW-ES-2025\_SSN-AM

## Non-Parametric Confidence Interval

Compliance Limit is not exceeded.



Constituent: Silver Analysis Run 4/24/2025 2:06 PM View: 2025\_SSN\_Confidence Interval AM and AZPO  
Clinton County SLF Client: SCS Engineers Data: CCASW-ES-2025\_SSN-AM



Constituent: Thallium    Analysis Run 4/24/2025 2:06 PM    View: 2025\_SSN\_Confidence Interval AM and AZ  
Clinton County SLF    Client: SCS Engineers    Data: CCASW-ES-2025\_SSN-AM



Attachment B

2<sup>nd</sup> 2025 Statistical Evaluation Output

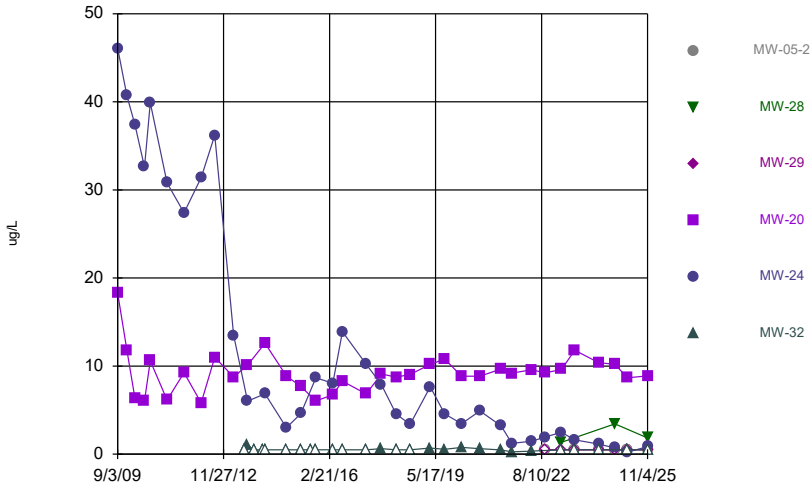


## Time Series Plot

### Water Table Aquifer

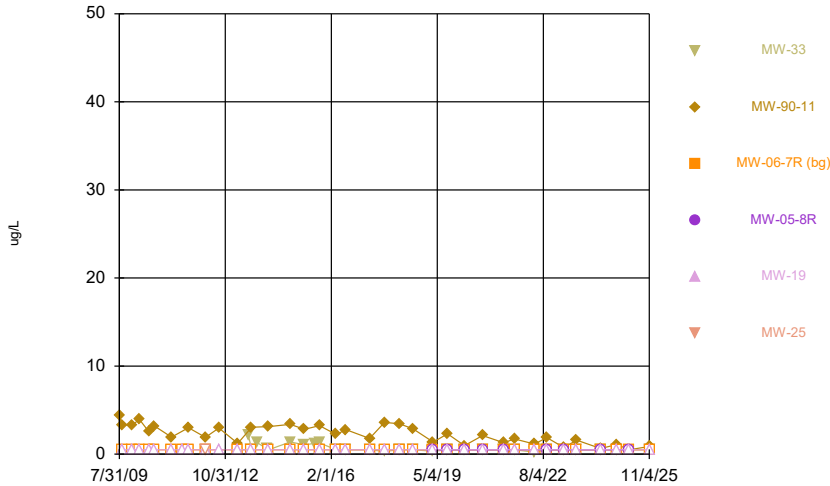


Time Series



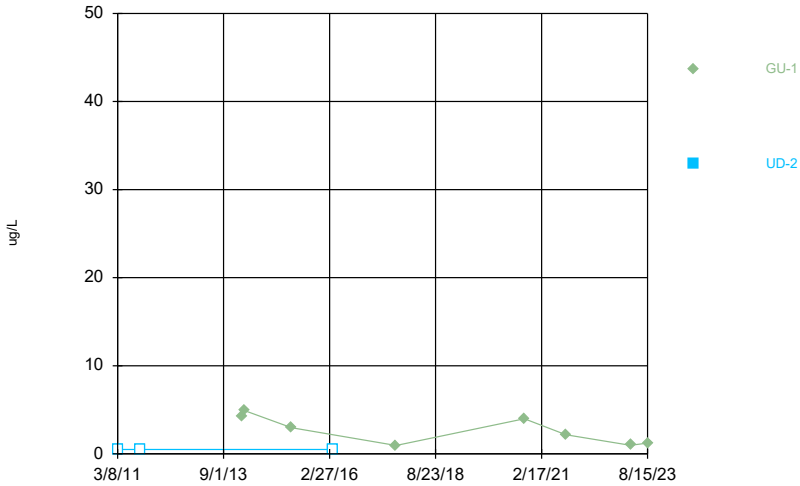
Constituent: 1,1-Dichloroethane Analysis Run 1/28/2026 3:31 PM View: 2025\_AWQR-Time\_Series AZPO  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



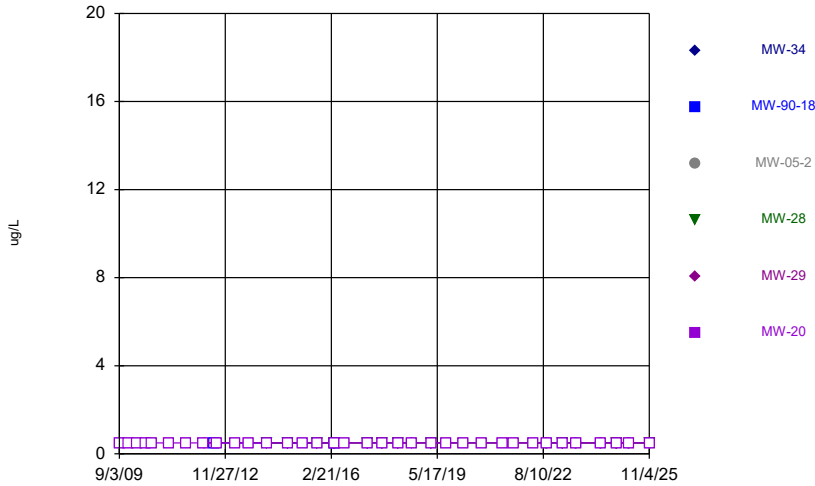
Constituent: 1,1-Dichloroethane Analysis Run 1/28/2026 3:31 PM View: 2025\_AWQR-Time\_Series AZPO  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



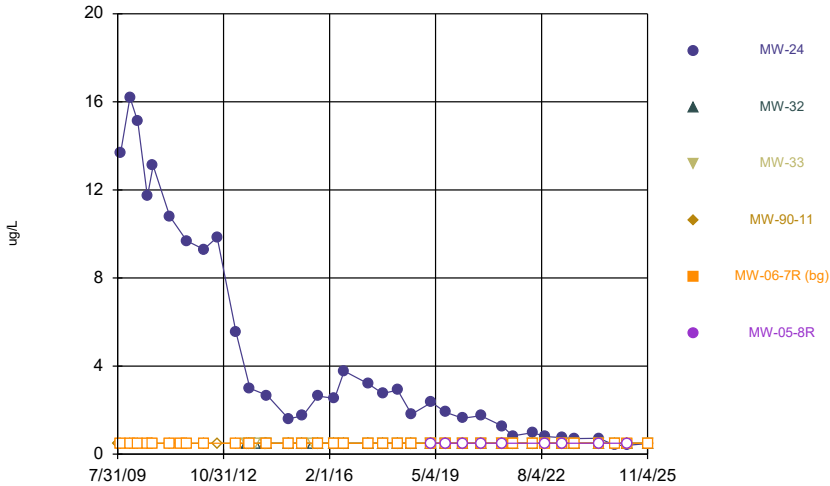
Constituent: 1,1-Dichloroethane Analysis Run 1/28/2026 3:31 PM View: 2025\_AWQR-Time\_Series AZPO  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series

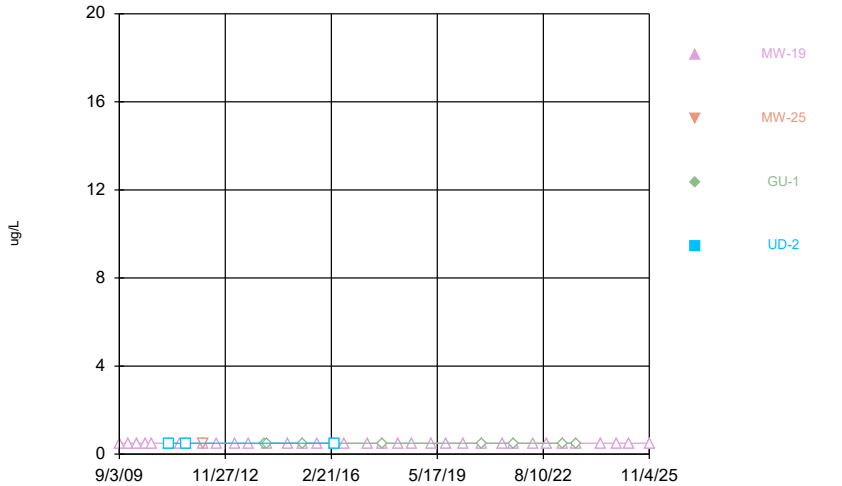


Constituent: 1,2-Dichloropropane Analysis Run 1/28/2026 3:31 PM View: 2025\_AWQR-Time\_Series AZP  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

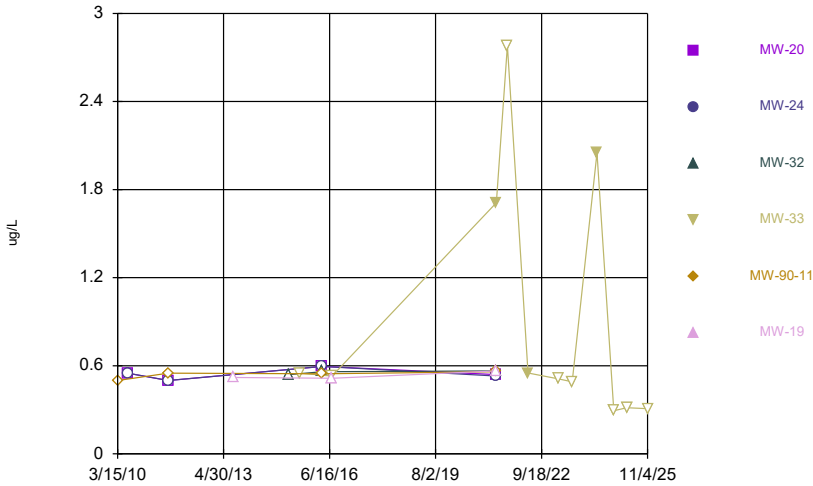
Time Series



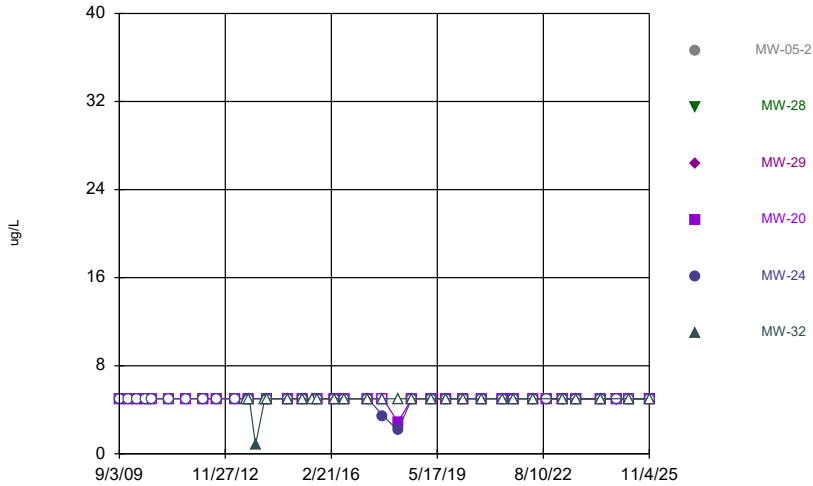
Time Series



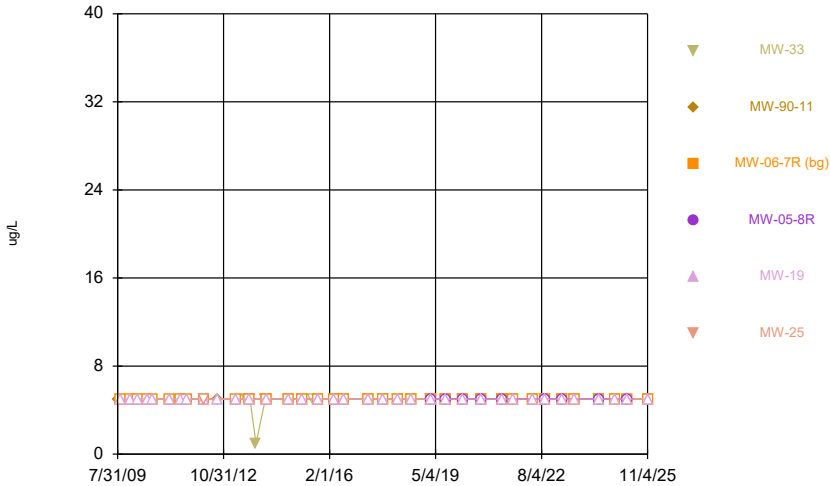
Time Series



Time Series

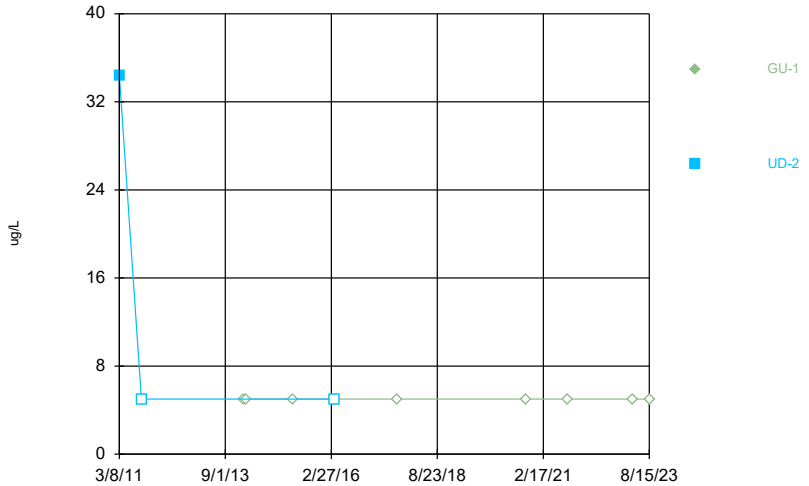


Time Series



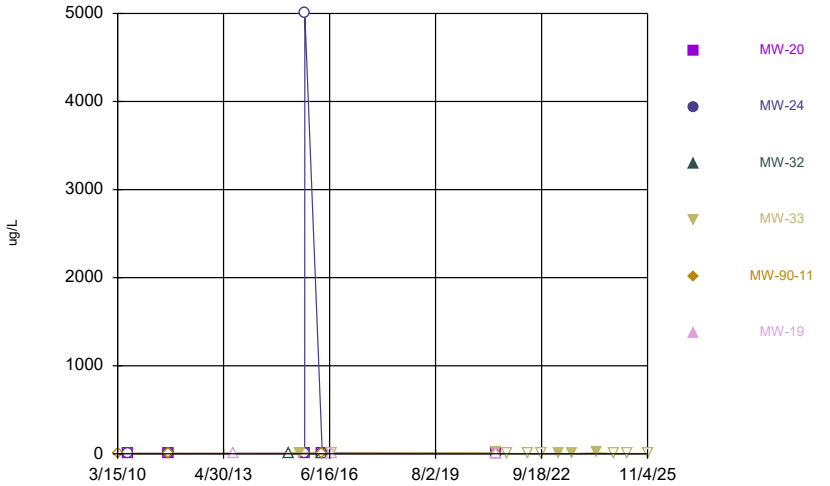
Constituent: 2-Butanone Analysis Run 1/28/2026 3:31 PM View: 2025\_AWQR-Time\_Series AZPOC  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



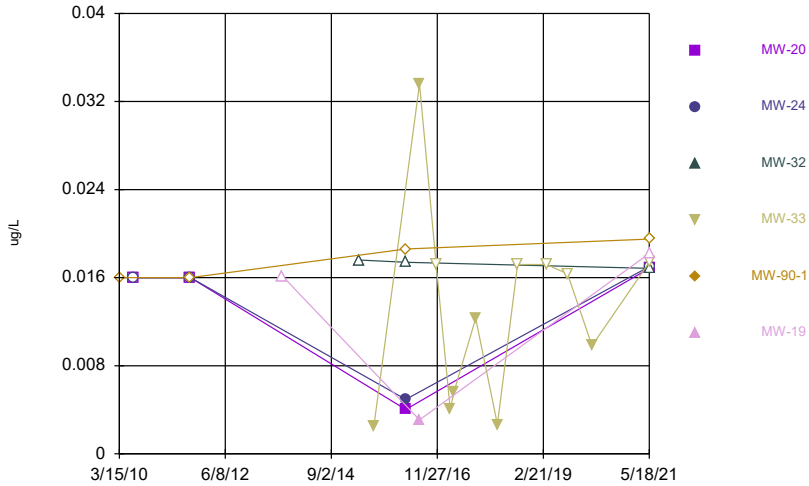
Constituent: 2-Butanone Analysis Run 1/28/2026 3:31 PM View: 2025\_AWQR-Time\_Series AZPOC  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



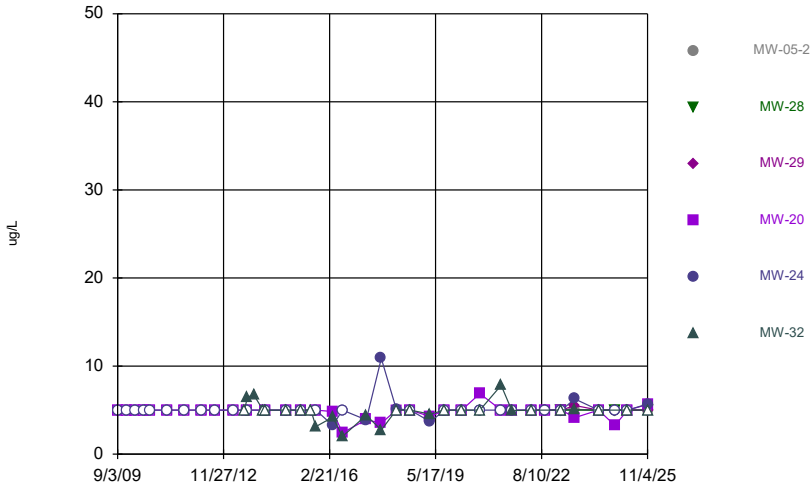
Constituent: 3/4-Methylphenol Analysis Run 1/28/2026 3:31 PM View: 2025\_AWQR-Time\_Series AZPOC  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



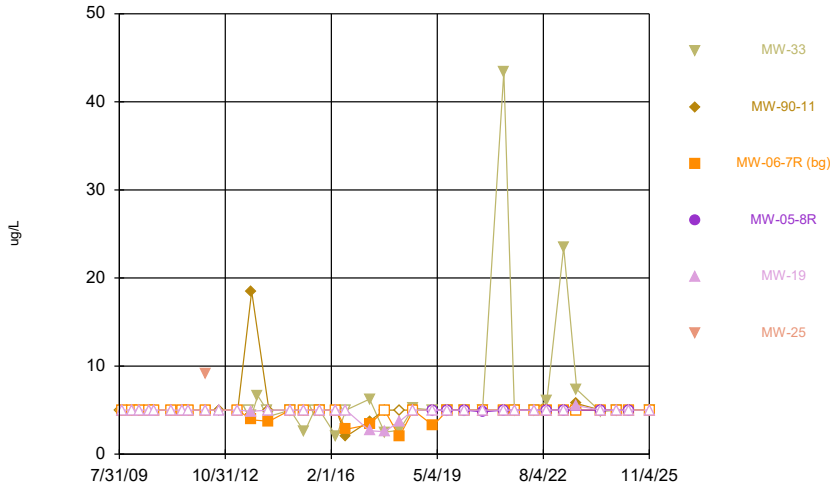
Constituent: 4,4'-DDD Analysis Run 1/28/2026 3:31 PM View: 2025\_AWQR-Time\_Series AZPOC  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



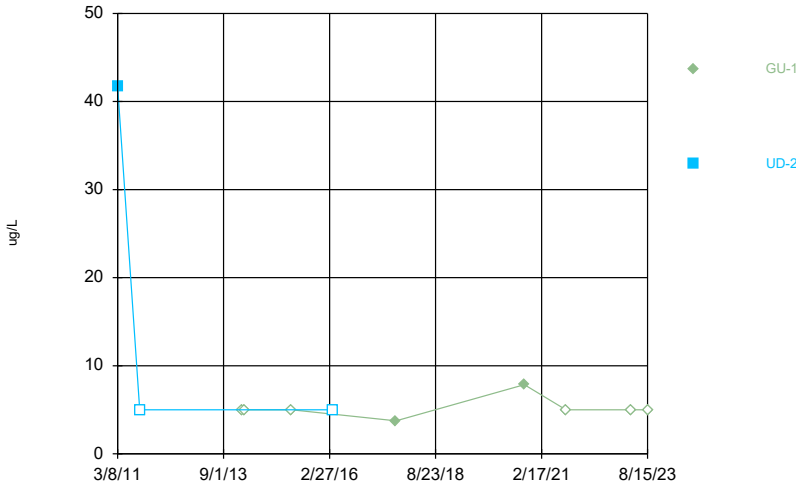
Constituent: Acetone Analysis Run 1/28/2026 3:31 PM View: 2025\_AWQR-Time\_Series AZPOC  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



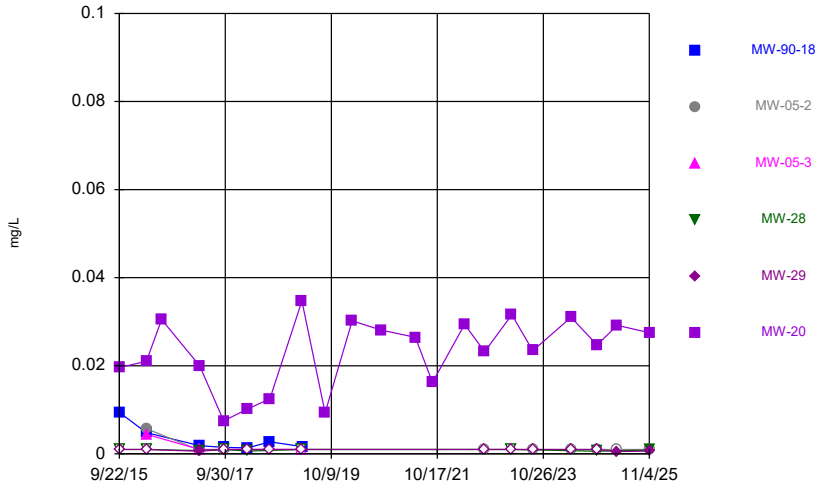
Constituent: Acetone Analysis Run 1/28/2026 3:31 PM View: 2025\_AWQR-Time\_Series AZPOC  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



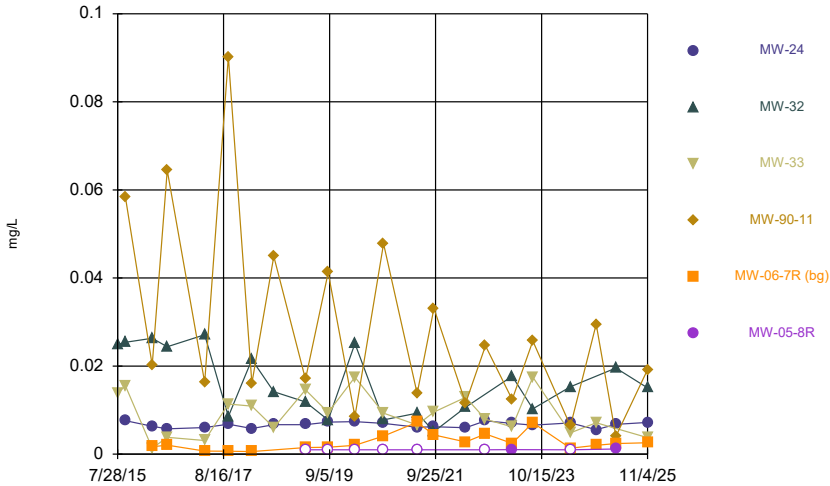
Constituent: Acetone Analysis Run 1/28/2026 3:31 PM View: 2025\_AWQR-Time\_Series AZPOC  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



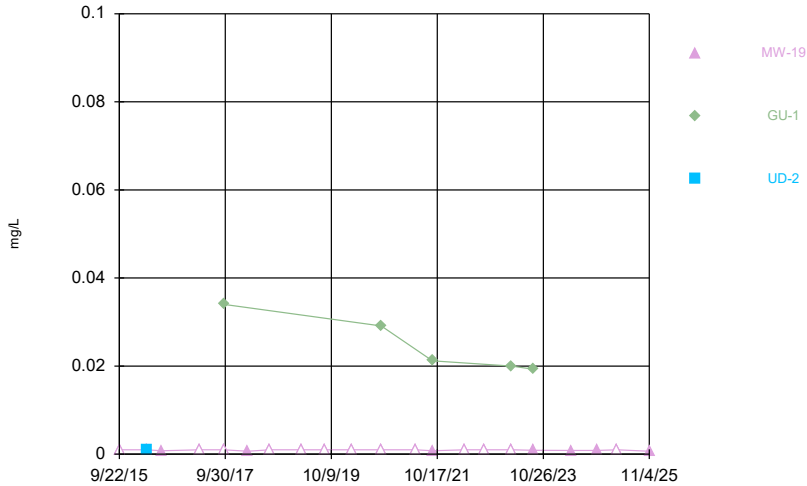
Constituent: Arsenic Analysis Run 1/28/2026 3:31 PM View: 2025\_AWQR-Time\_Series AZPOC  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



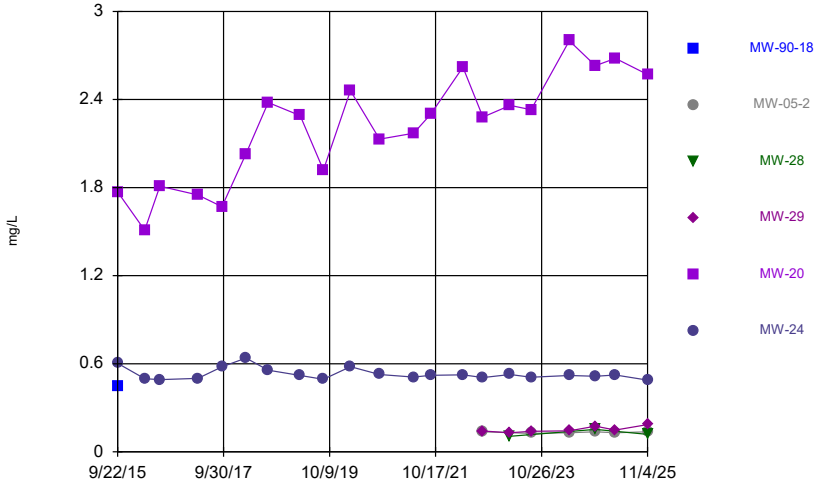
Constituent: Arsenic Analysis Run 1/28/2026 3:31 PM View: 2025\_AWQR-Time\_Series AZPOC  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



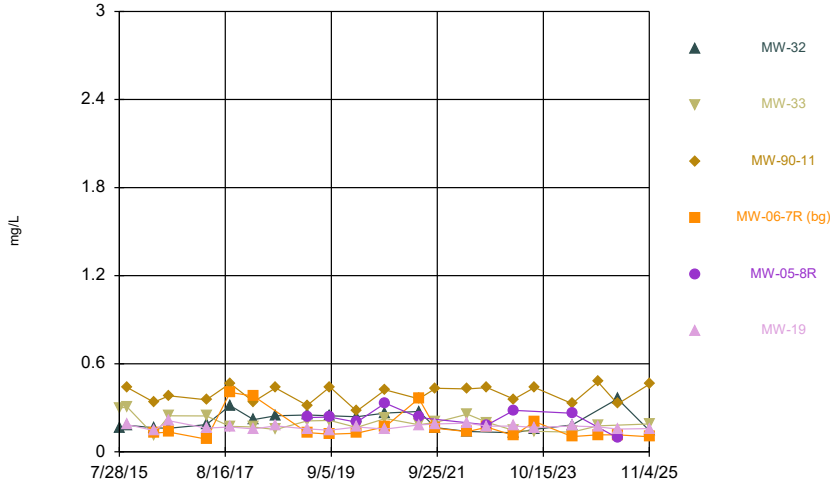
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Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



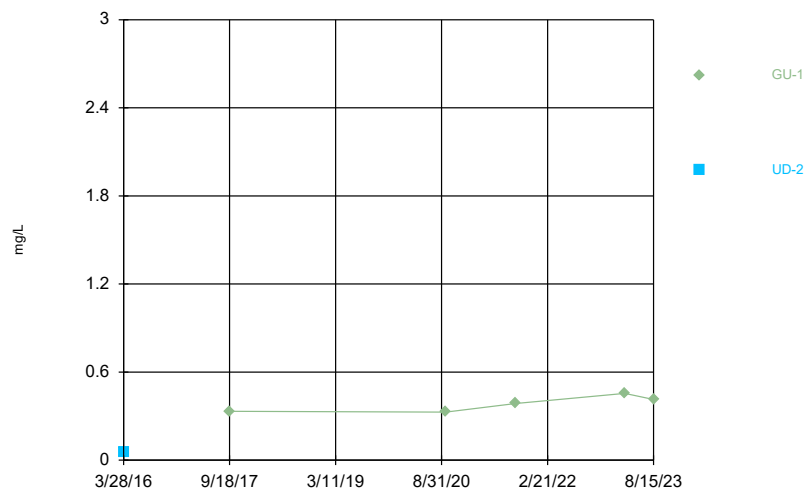
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Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



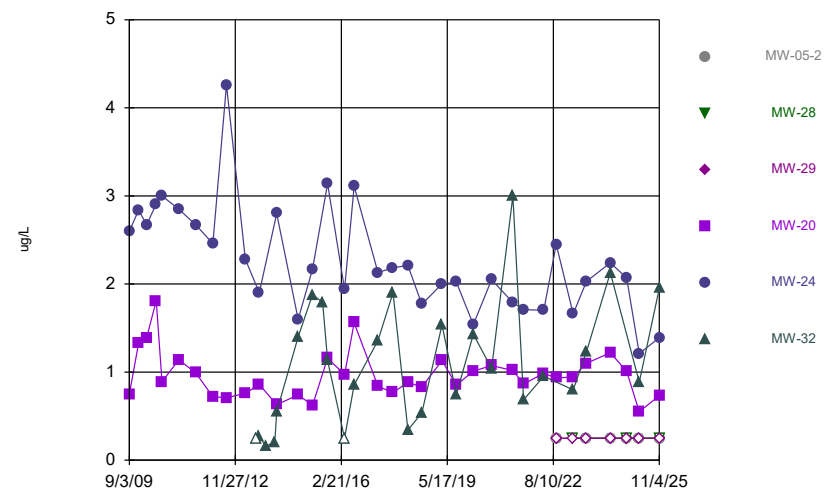
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Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

## Time Series



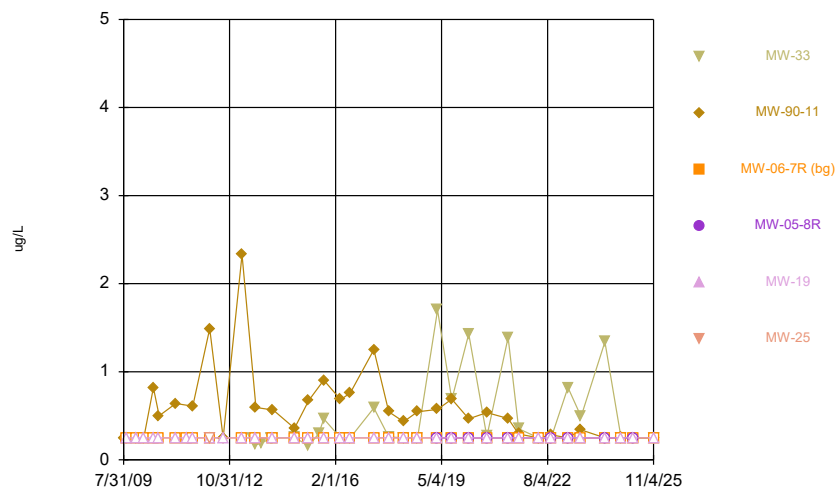
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Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

## Time Series



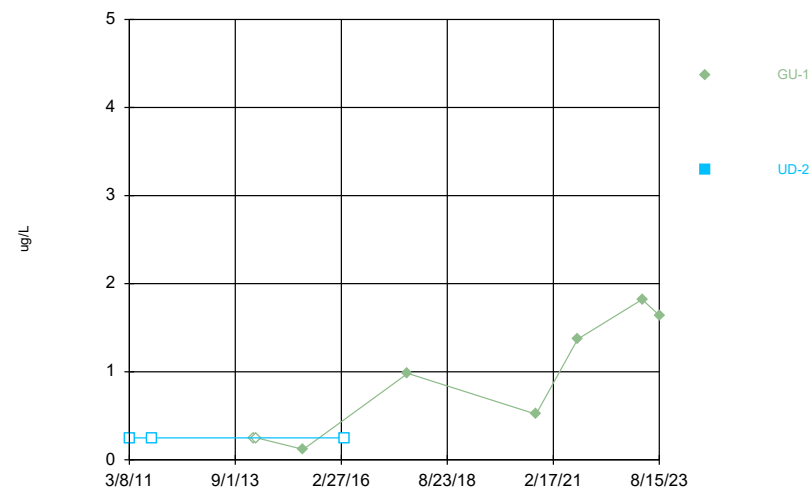
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Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

## Time Series



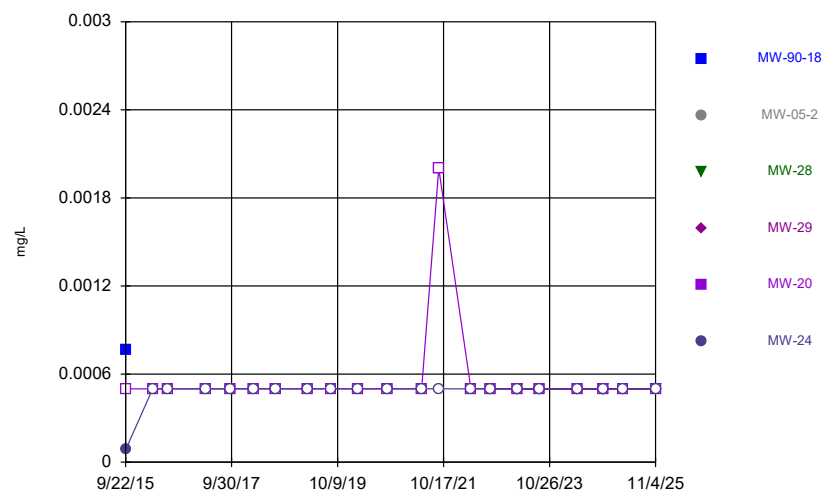
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Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

## Time Series



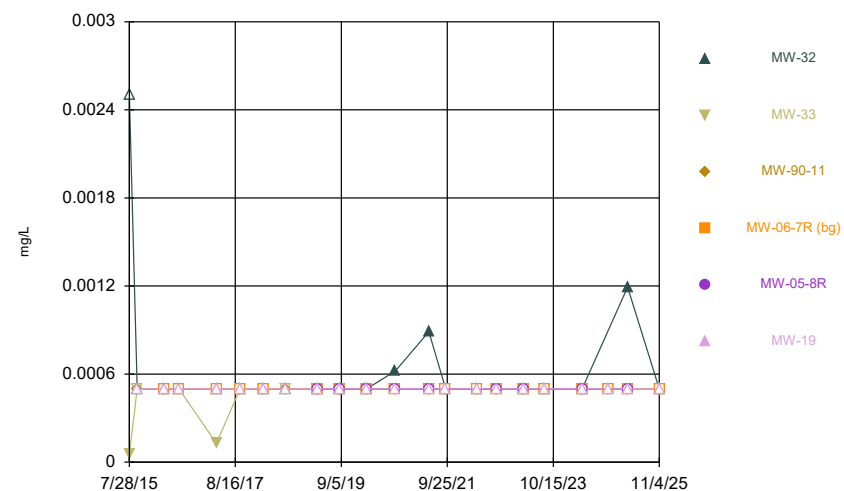
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Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



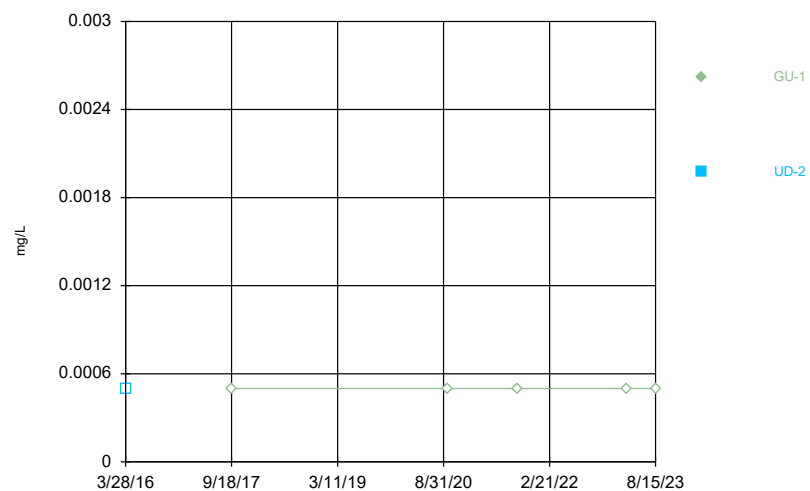
Constituent: Beryllium Analysis Run 1/28/2026 3:31 PM View: 2025\_AWQR-Time\_Series AZPOC  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



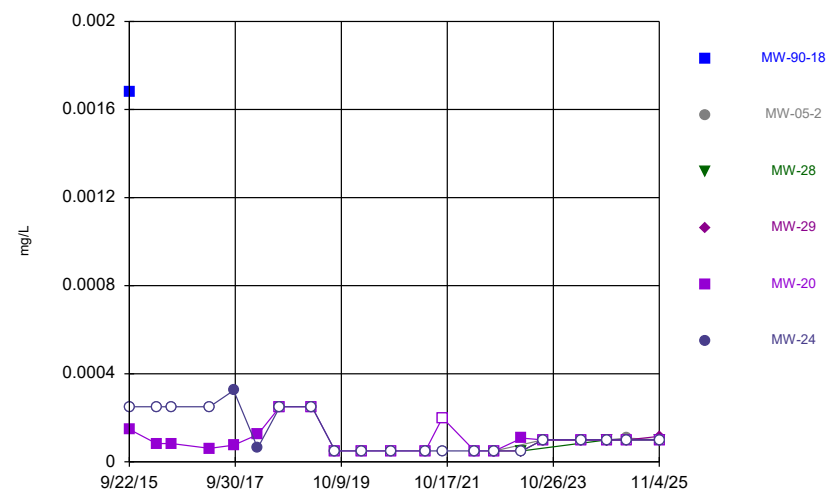
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Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



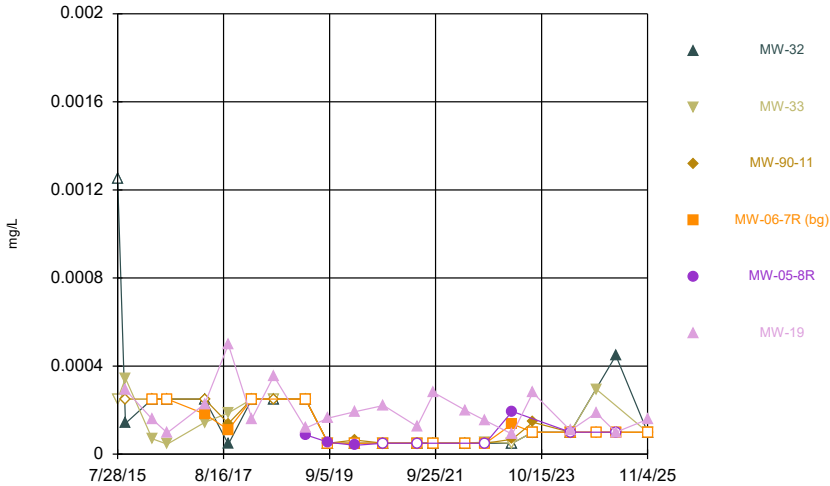
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Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



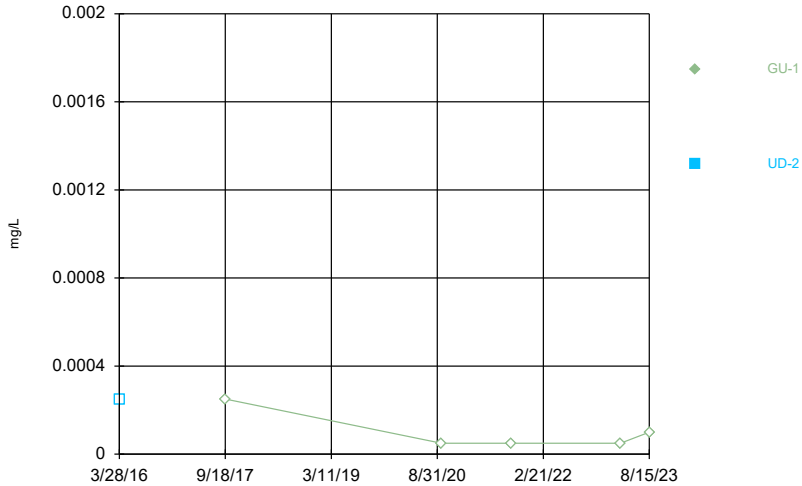
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Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



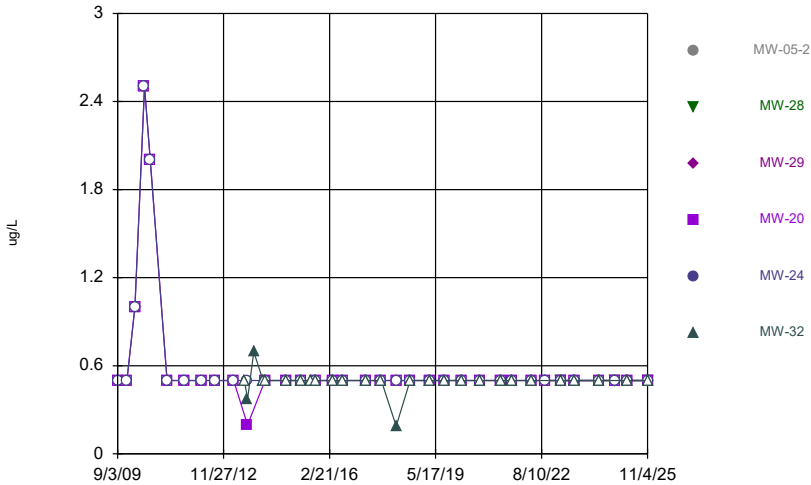
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Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



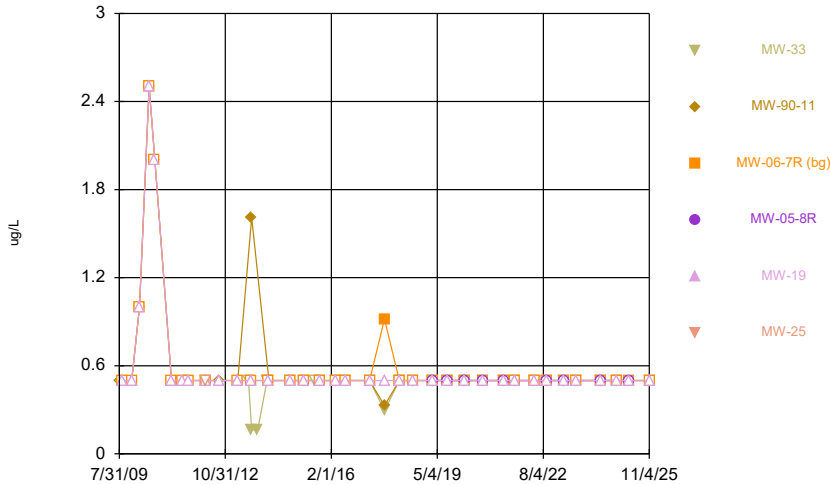
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Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



Constituent: Carbon disulfide Analysis Run 1/28/2026 3:32 PM View: 2025\_AWQR-Time\_Series AZPOC  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

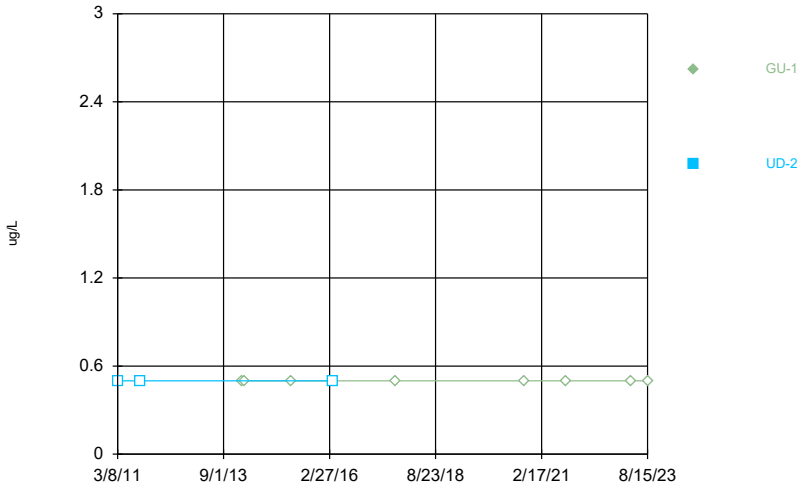
Time Series



Constituent: Carbon disulfide Analysis Run 1/28/2026 3:32 PM View: 2025\_AWQR-Time\_Series AZPOC  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

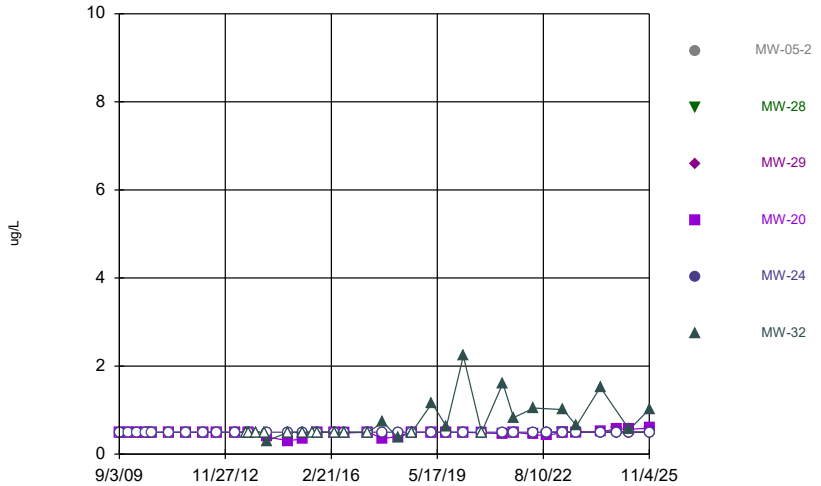


Time Series



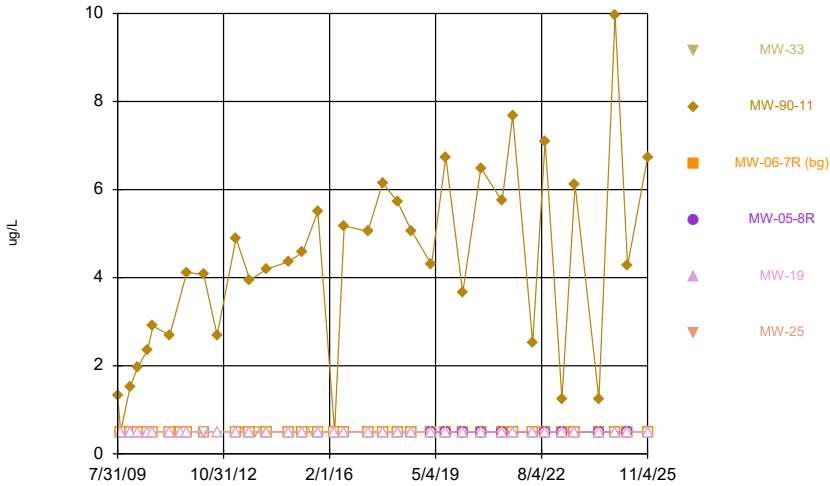
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Time Series



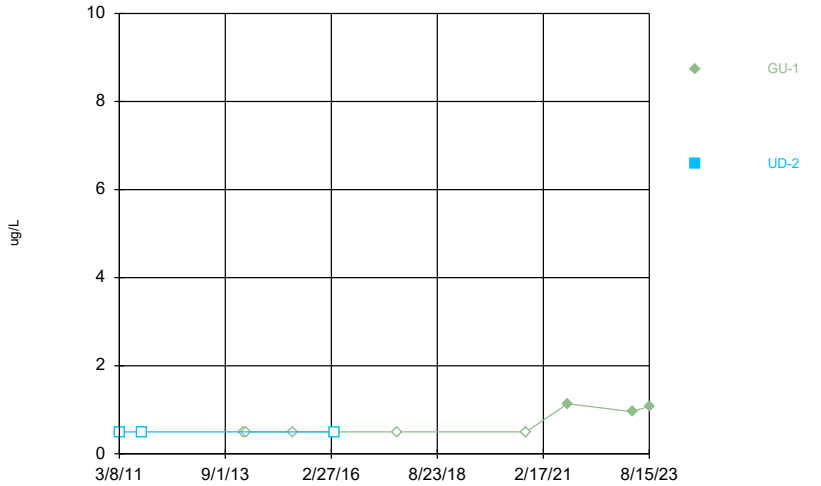
Constituent: Chlorobenzene Analysis Run 1/28/2026 3:32 PM View: 2025\_AWQR-Time\_Series AZPOC  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



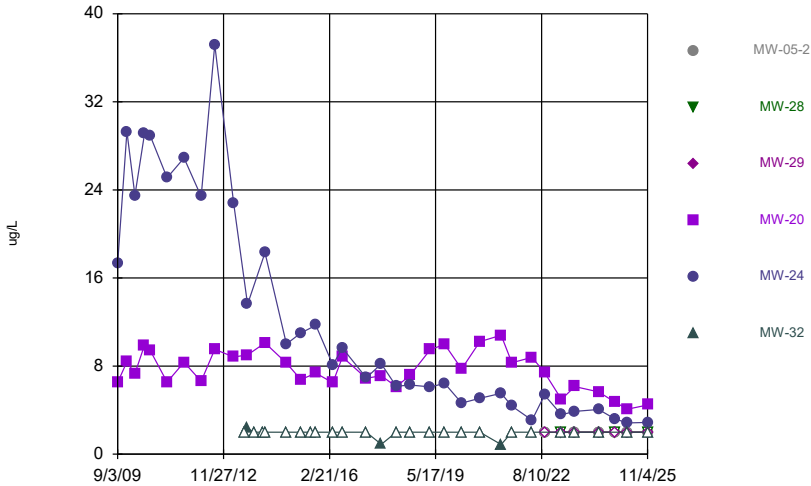
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Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



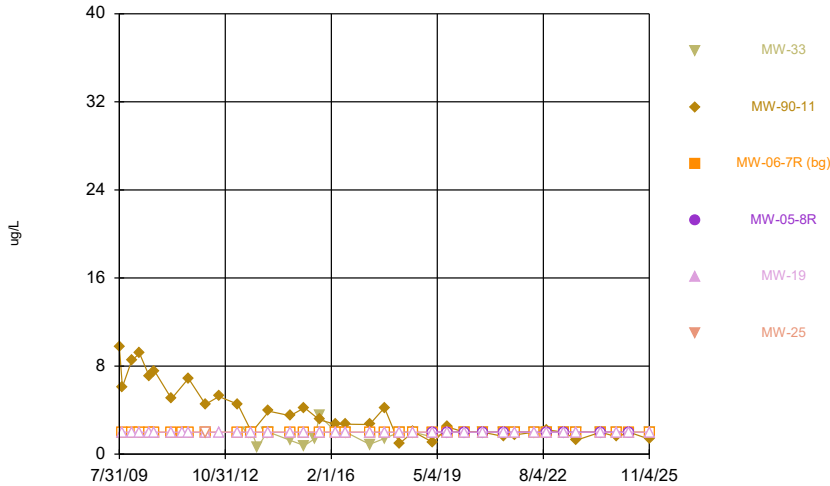
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Time Series



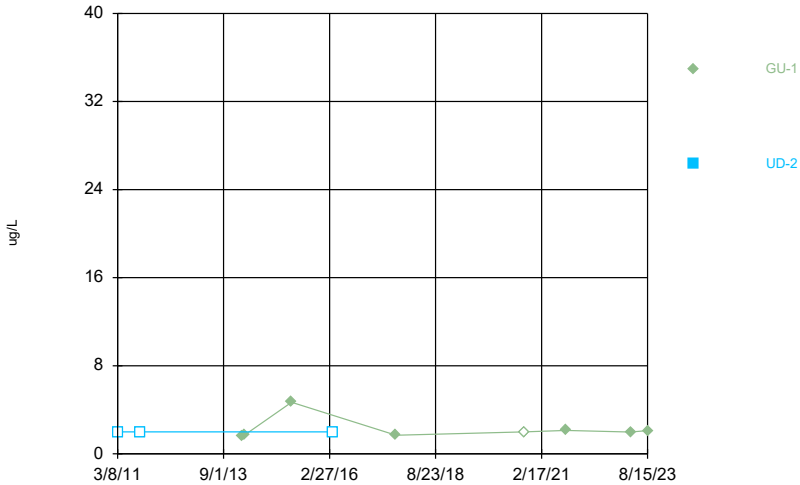
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Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



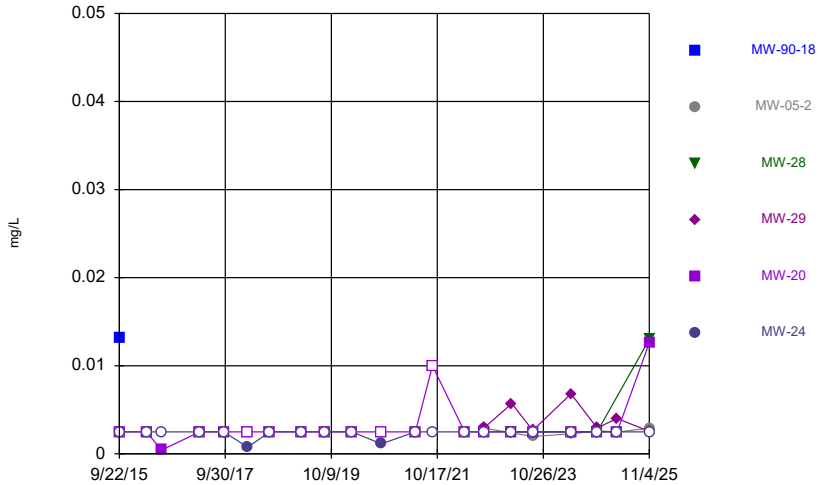
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Time Series



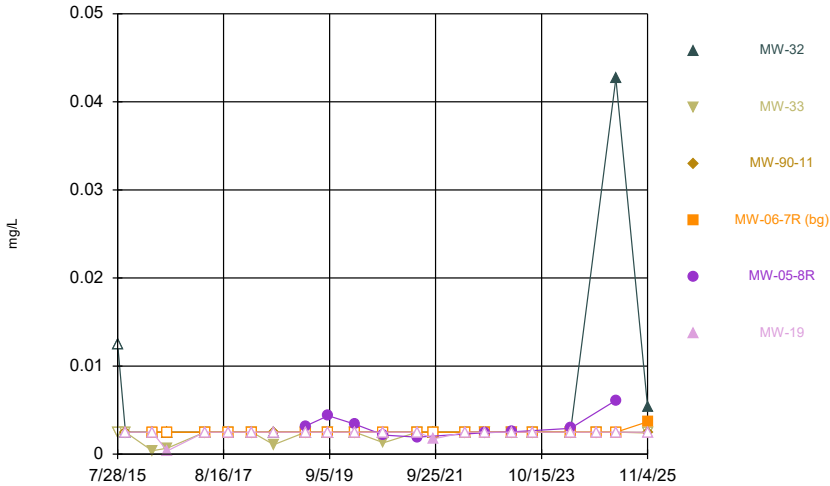
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Time Series



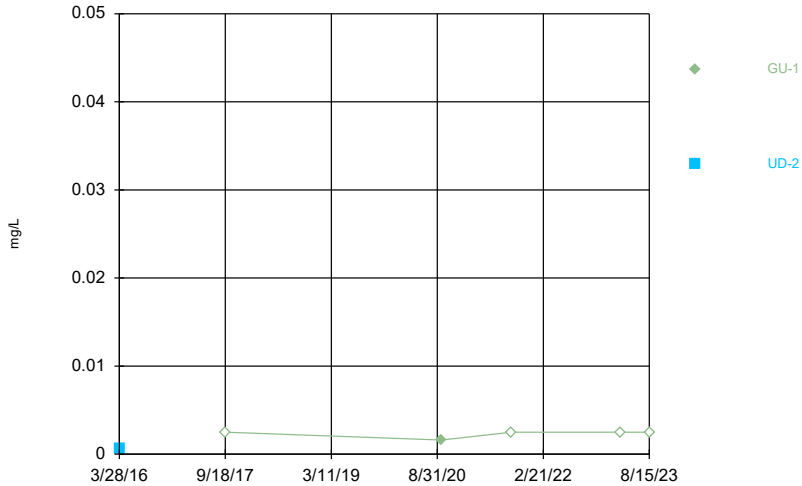
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Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



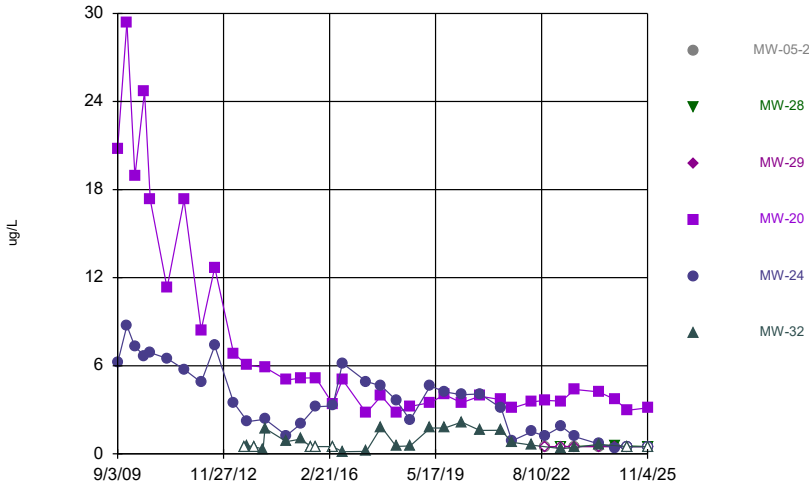
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Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



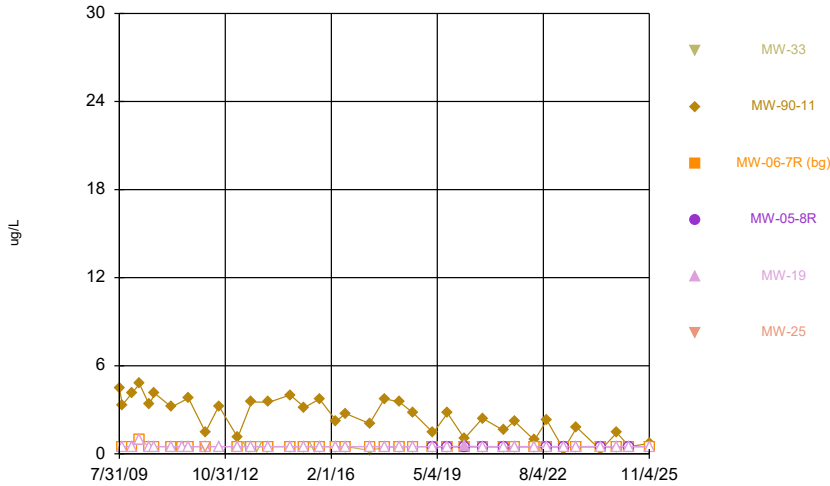
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Time Series



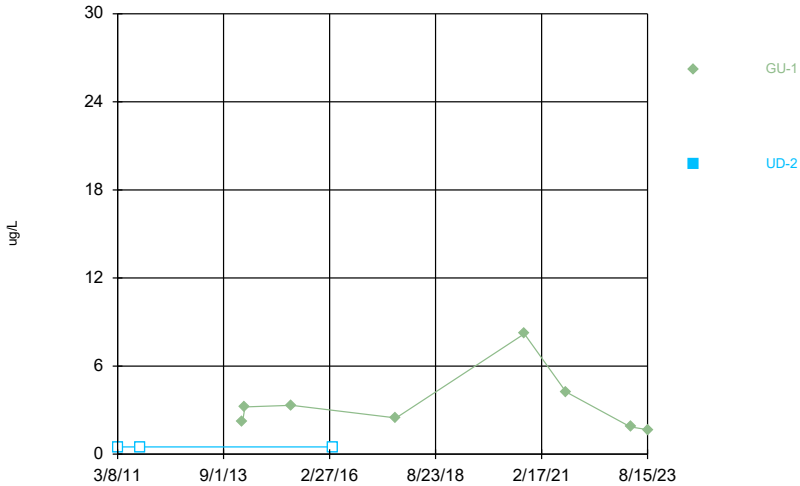
Constituent: cis-1,2-Dichloroethene Analysis Run 1/28/2026 3:32 PM View: 2025\_AWQR-Time\_Series AZ  
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Time Series



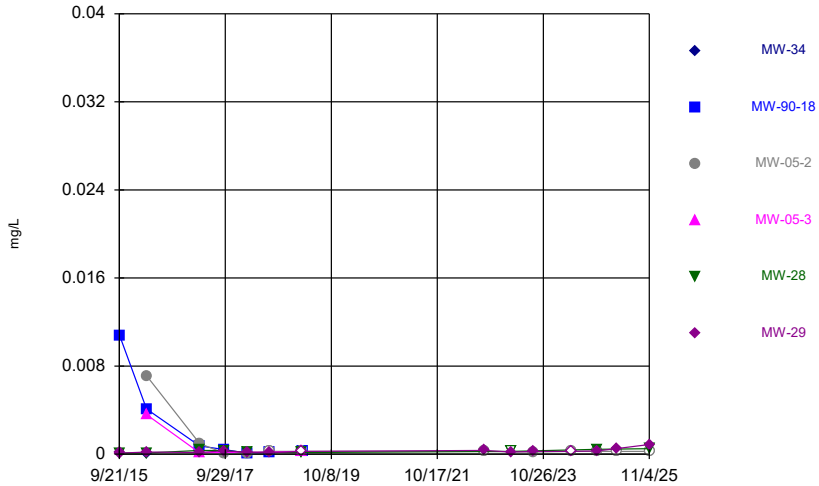
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Time Series



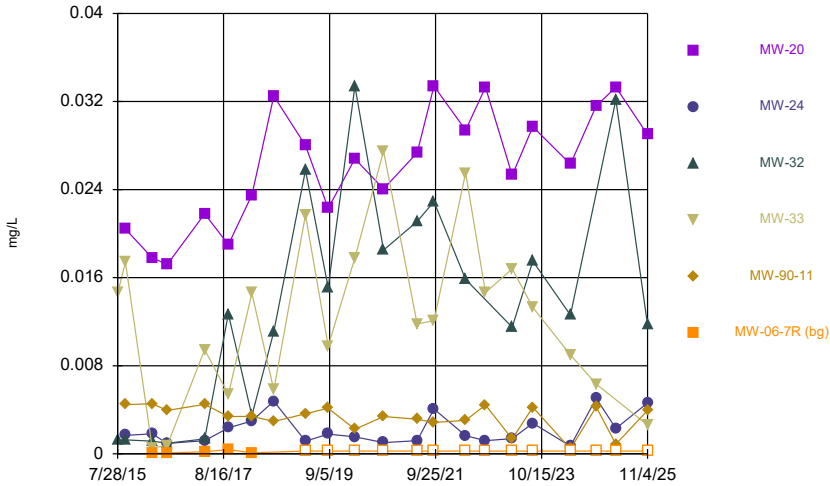
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Time Series



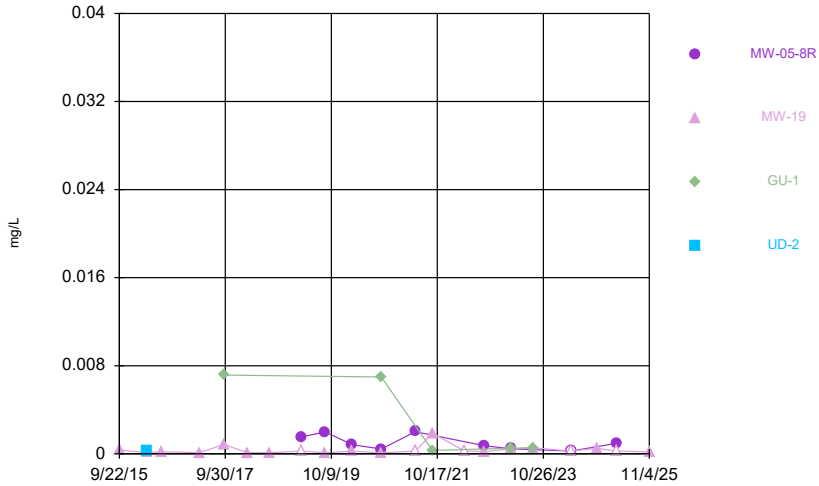
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Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



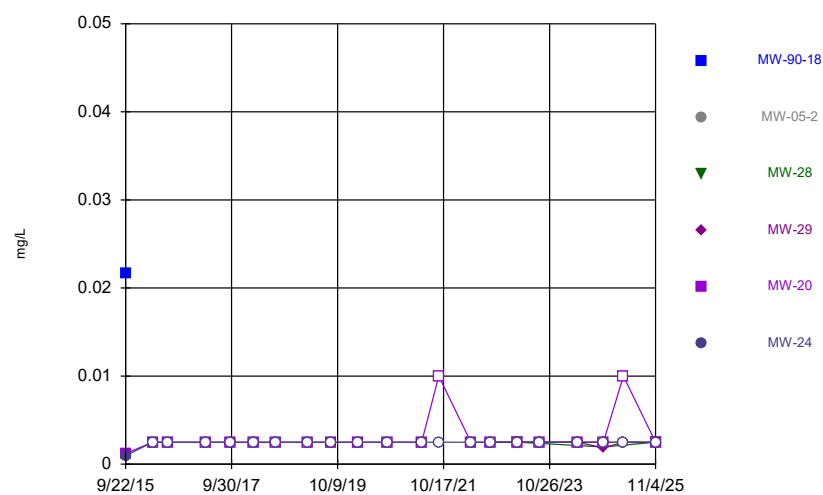
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Time Series



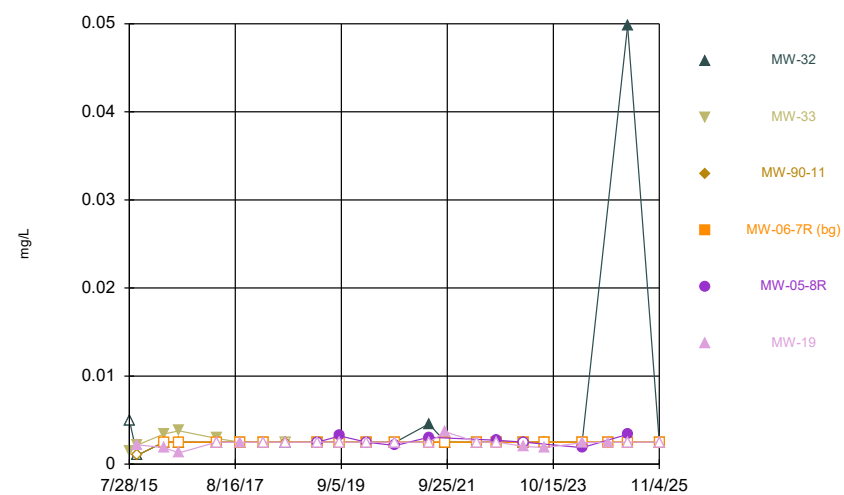
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Time Series



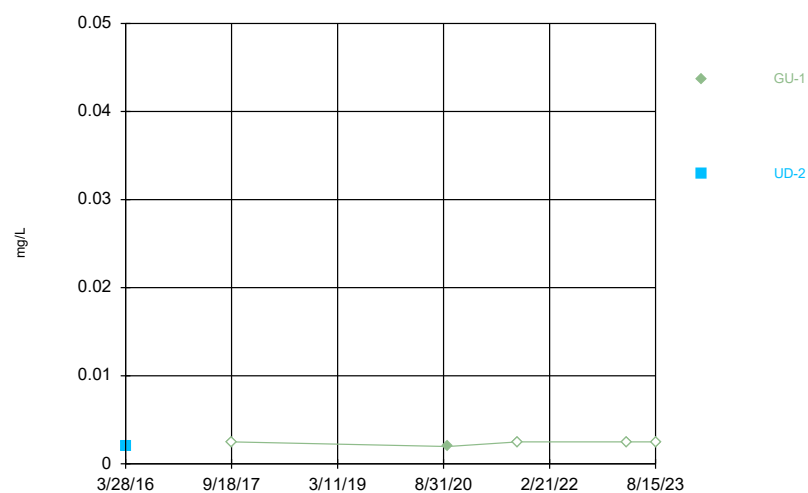
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Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



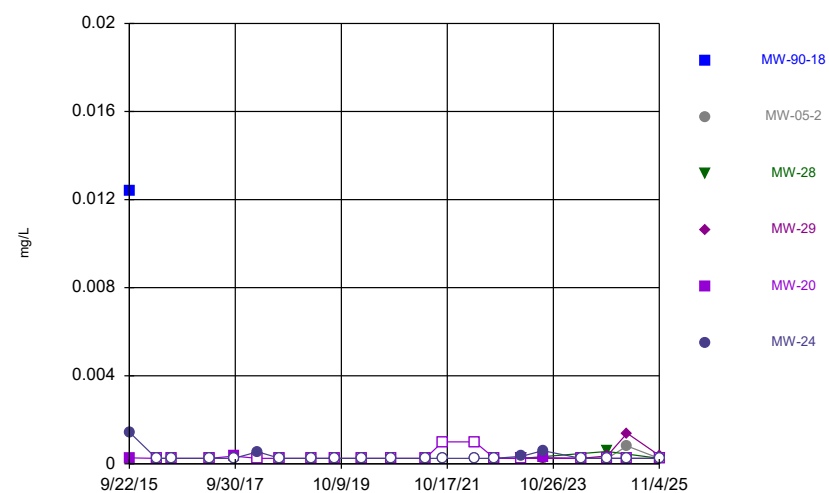
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Time Series



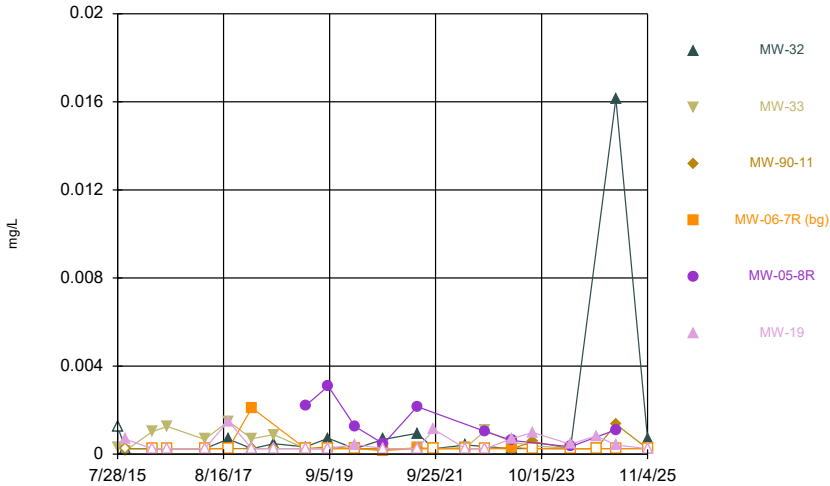
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Time Series



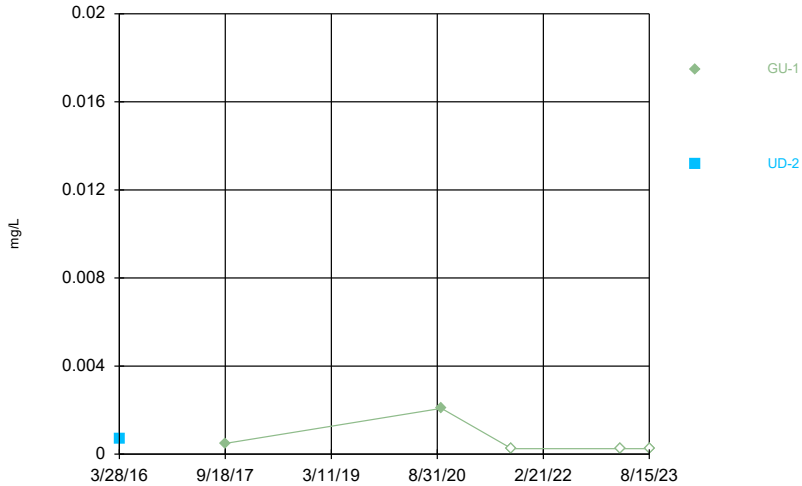
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Time Series



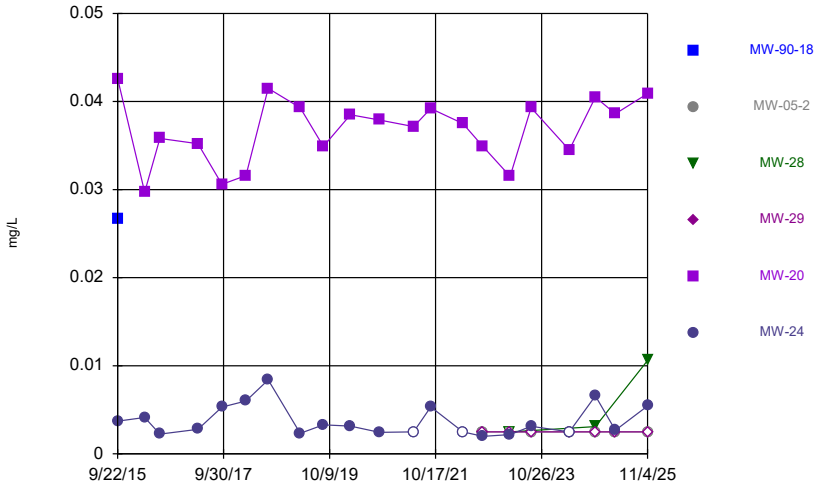
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Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



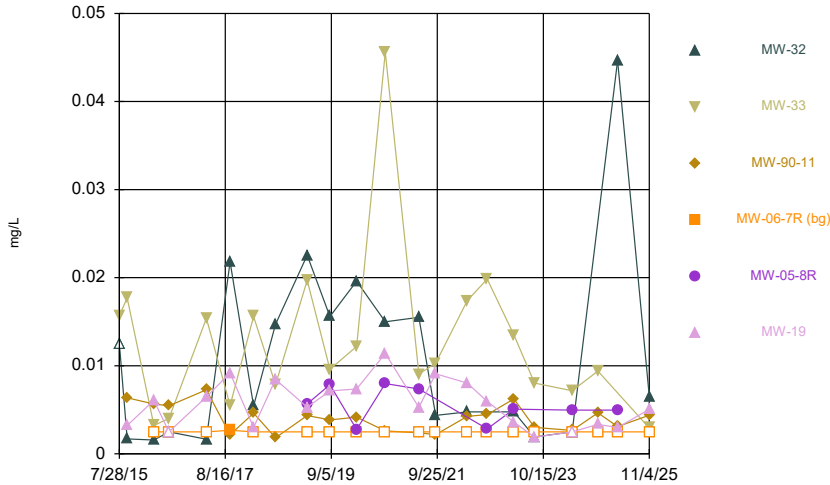
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Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



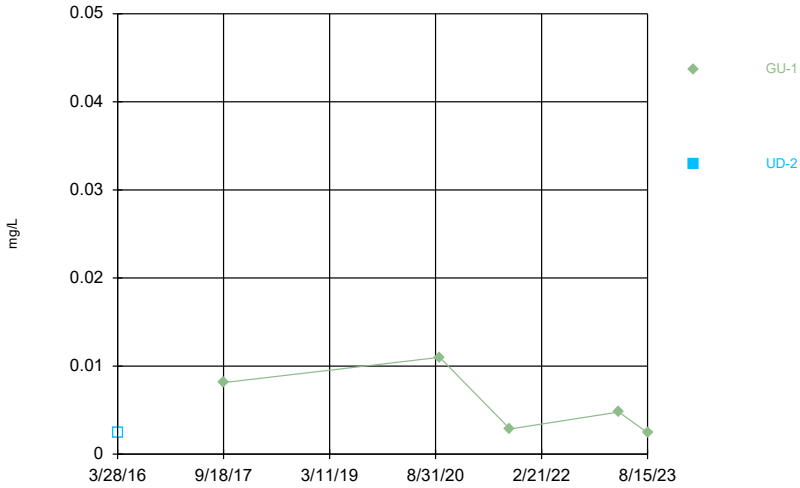
Constituent: Nickel Analysis Run 1/28/2026 3:32 PM View: 2025\_AWQR-Time\_Series AZPOC  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



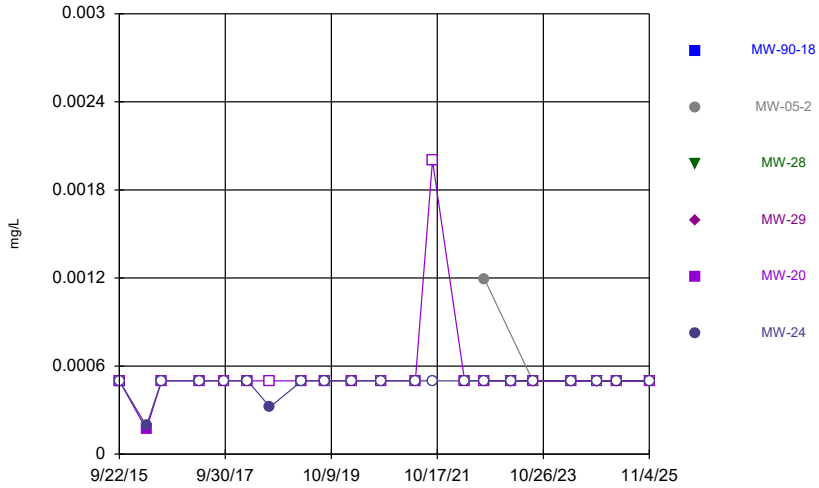
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Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



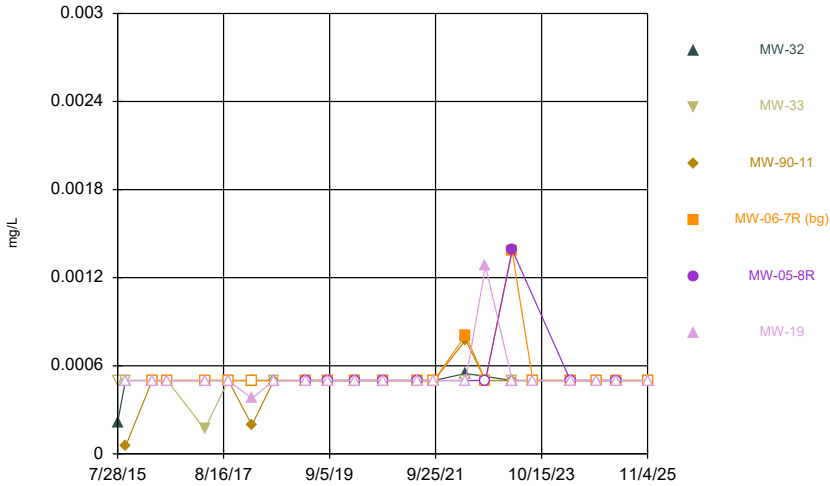
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Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



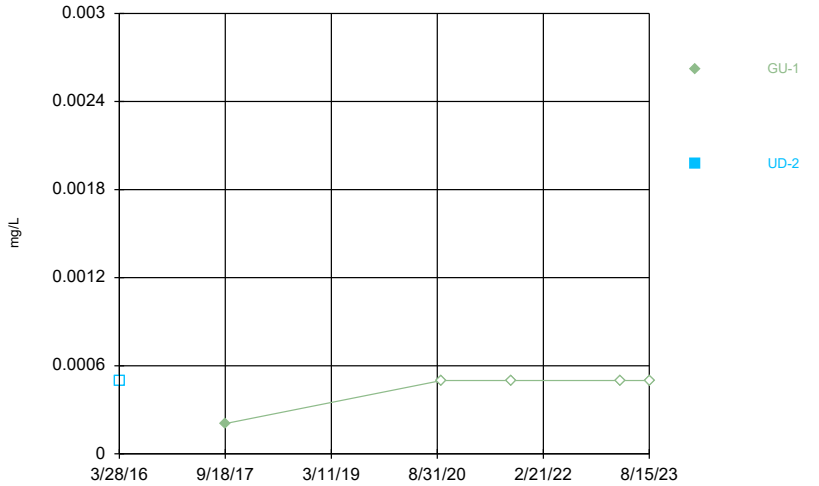
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Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



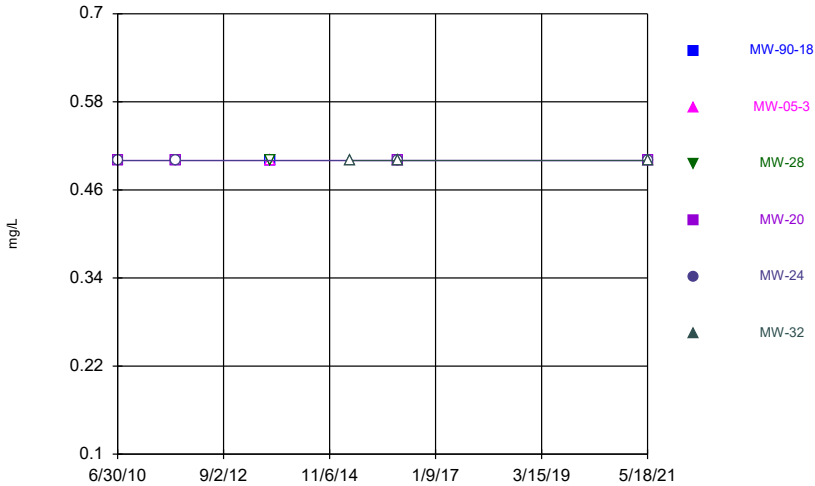
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Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series

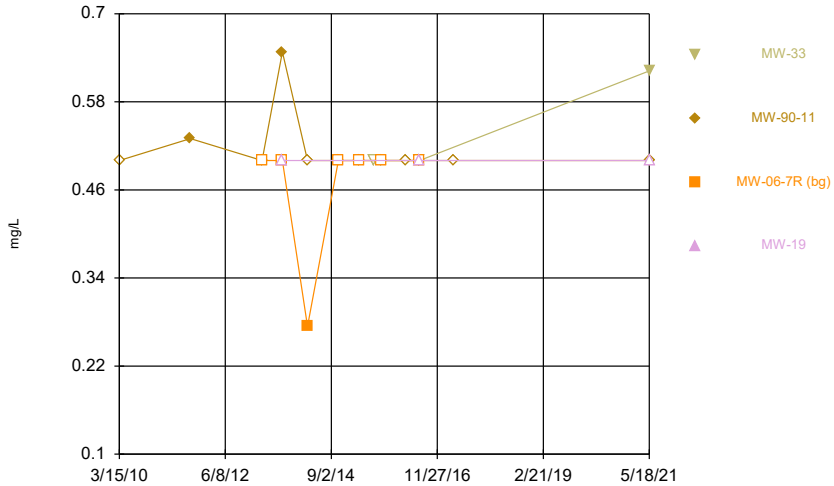


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Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

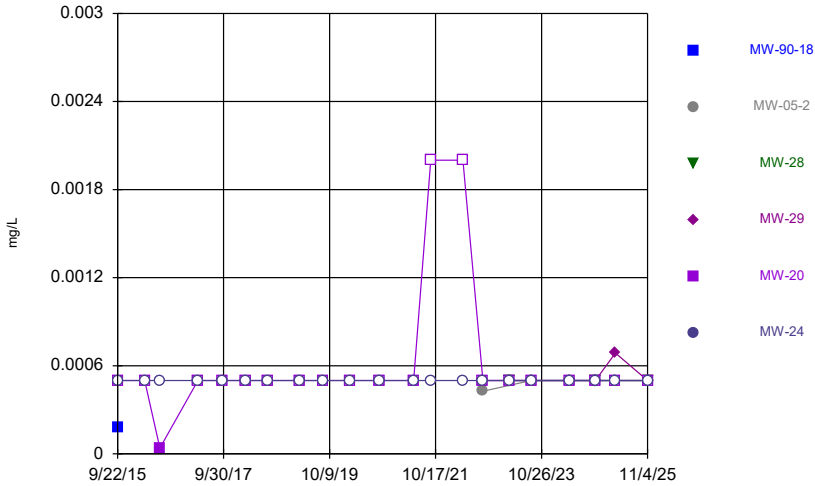
Time Series



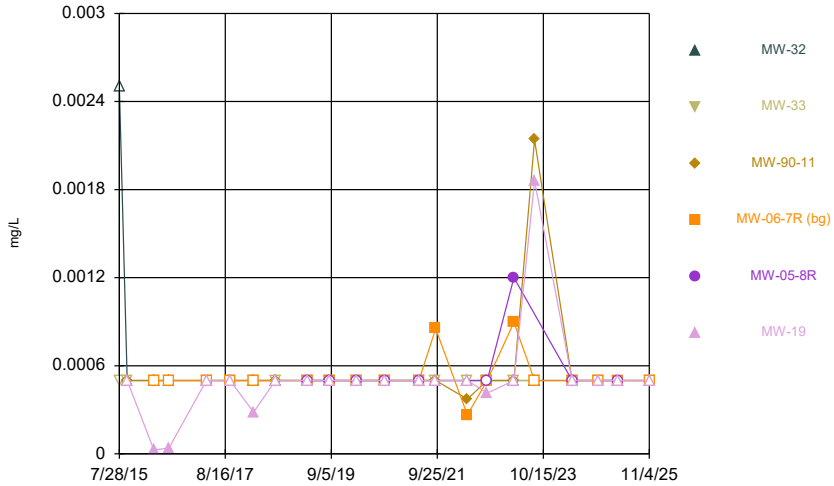
Time Series



Time Series

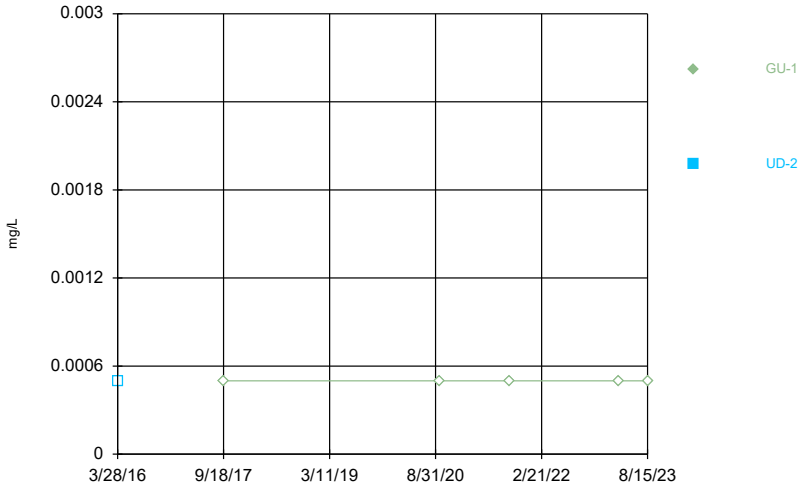


Time Series



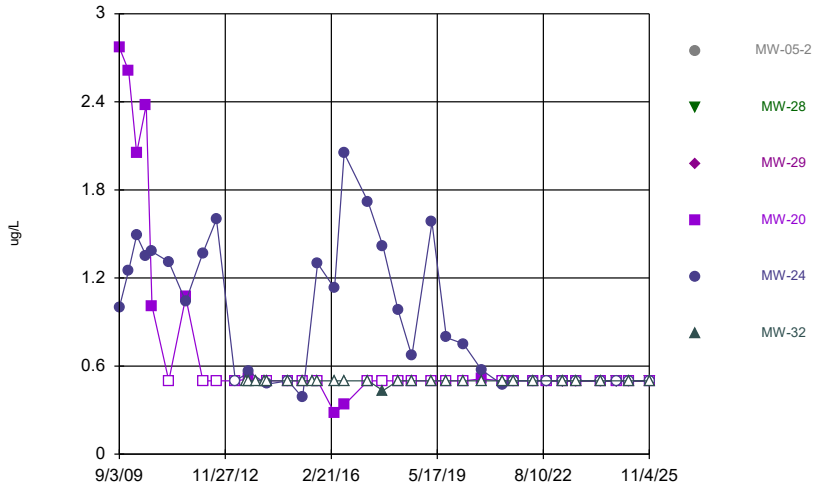


Time Series



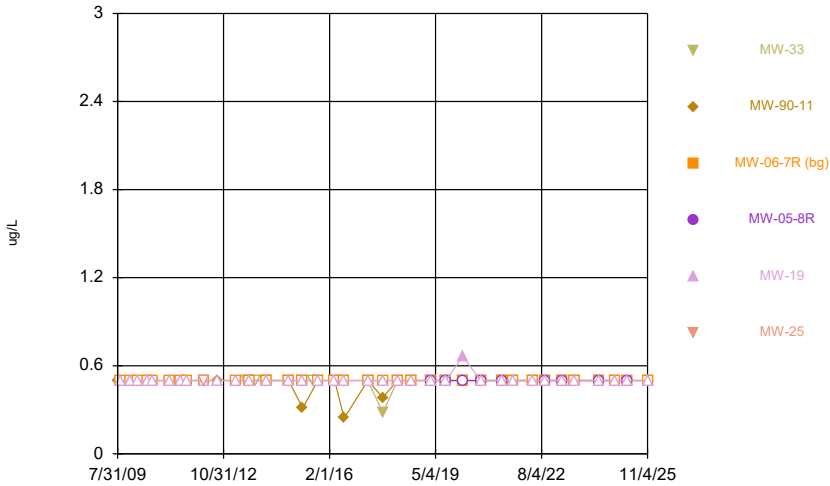
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Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



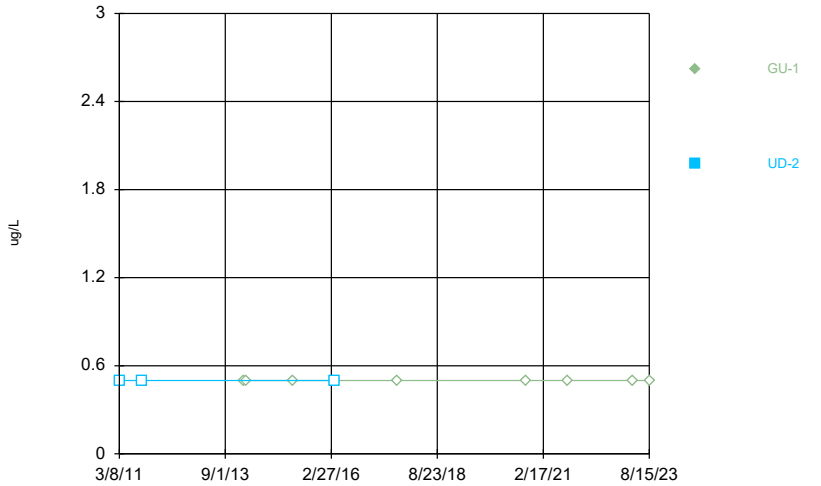
Constituent: Trichloroethene Analysis Run 1/28/2026 3:32 PM View: 2025\_AWQR-Time\_Series AZPOC  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



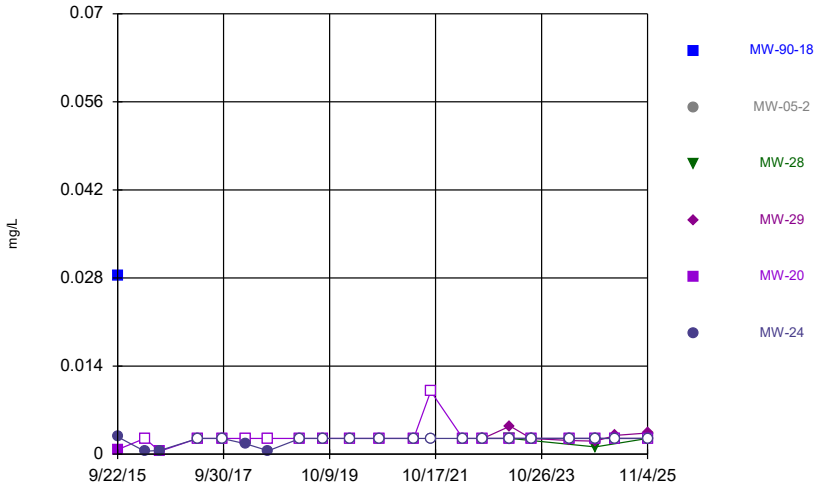
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Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



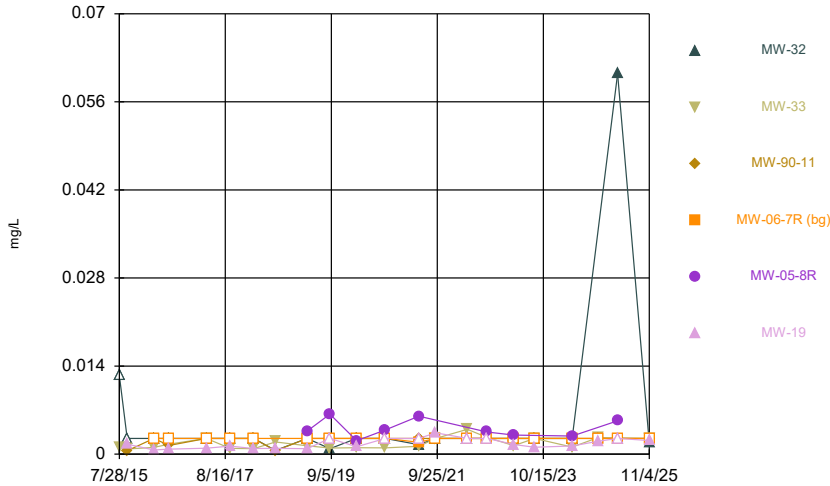
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Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



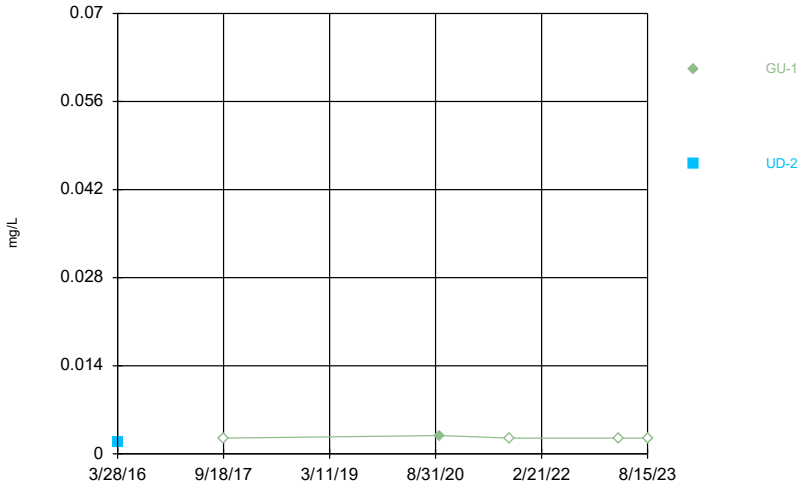
Constituent: Vanadium Analysis Run 1/28/2026 3:32 PM View: 2025\_AWQR-Time\_Series AZPOC  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



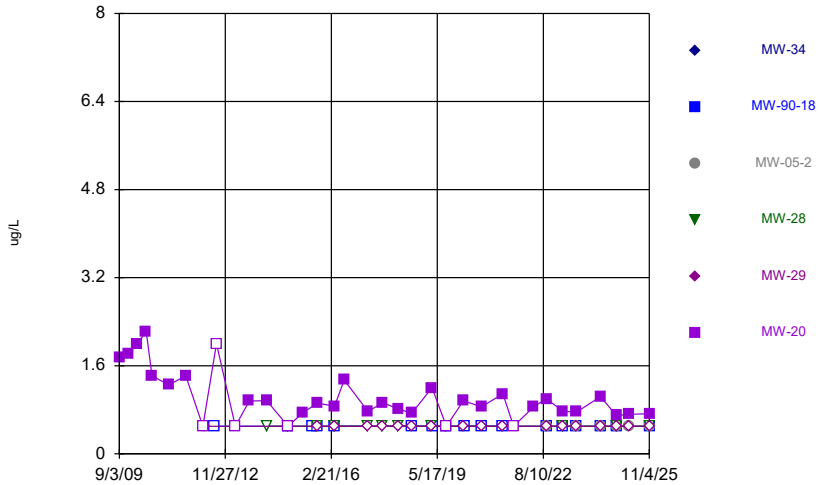
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Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



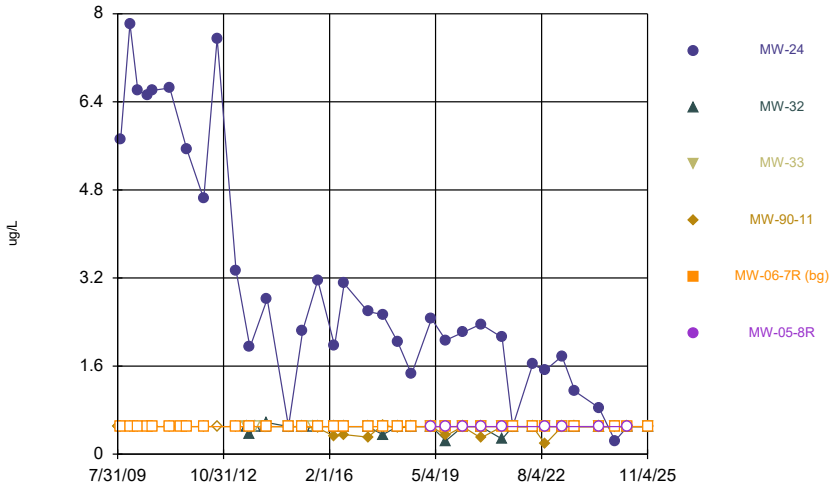
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Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



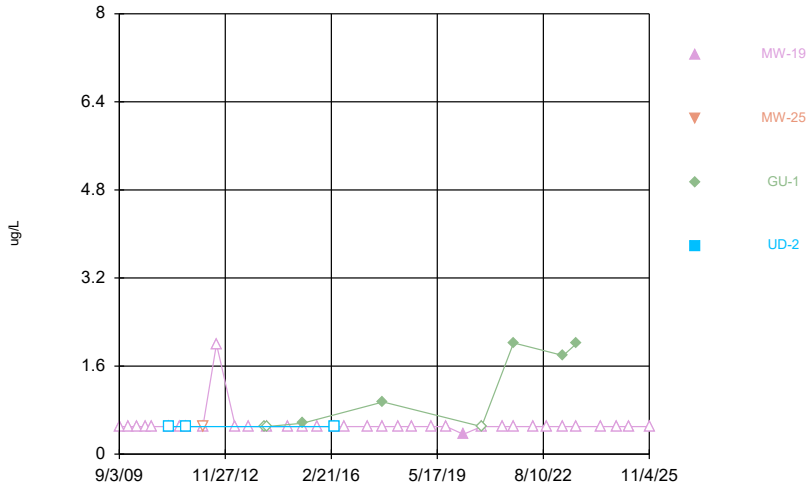
Constituent: Vinyl chloride Analysis Run 1/28/2026 3:32 PM View: 2025\_AWQR-Time\_Series AZPOC  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



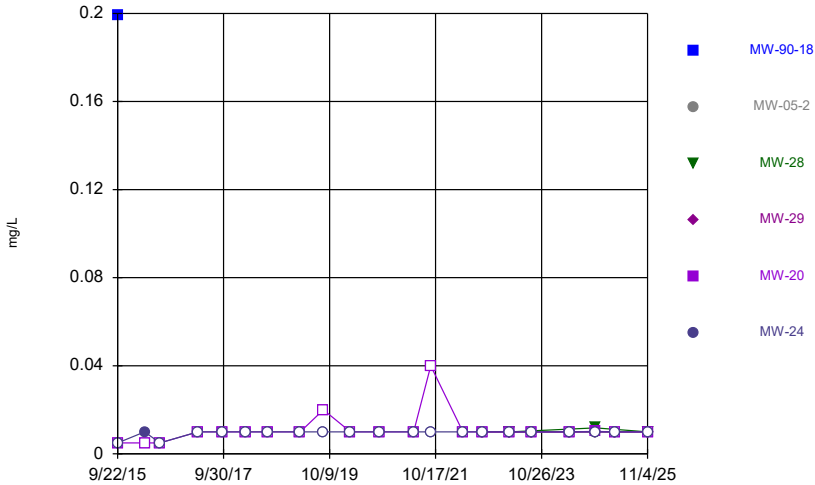
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Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



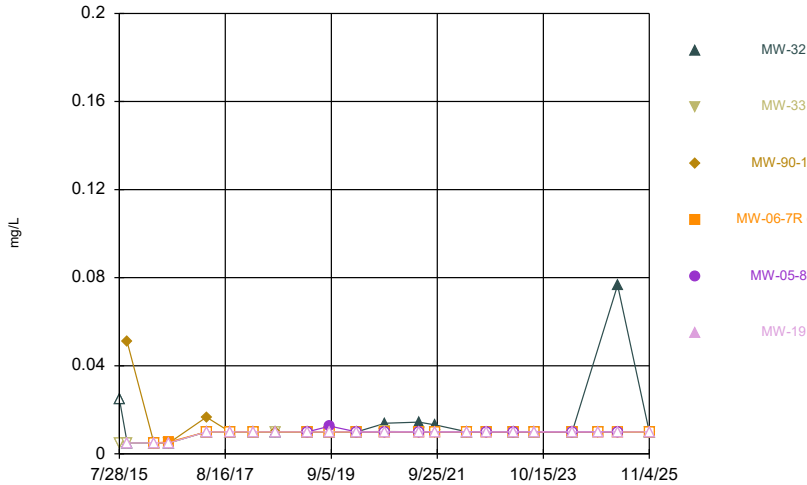
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Time Series



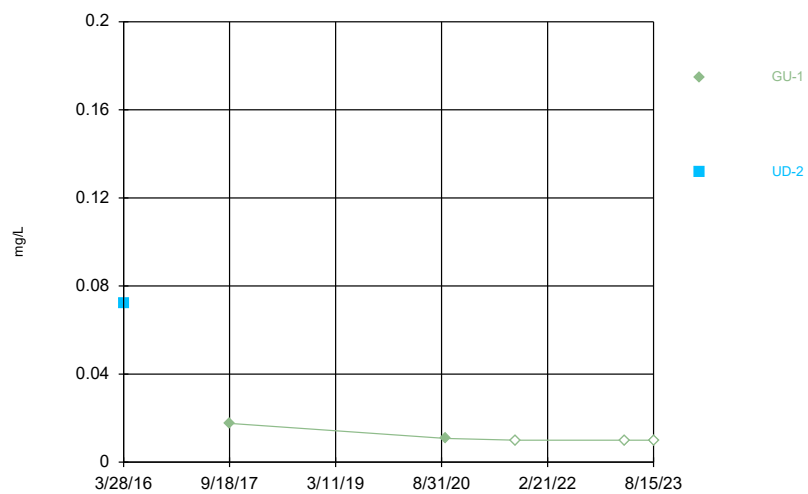
Constituent: Zinc Analysis Run 1/28/2026 3:32 PM View: 2025\_AWQR-Time\_Series AZPOC  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



Constituent: Zinc Analysis Run 1/28/2026 3:32 PM View: 2025\_AWQR-Time\_Series AZPOC  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series

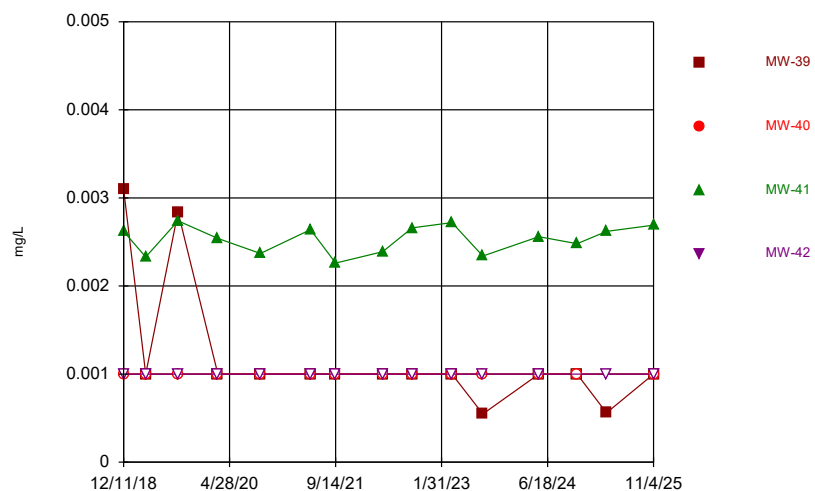


Constituent: Zinc Analysis Run 1/28/2026 3:32 PM View: 2025\_AWQR-Time\_Series AZPOC  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

## Time Series Plot

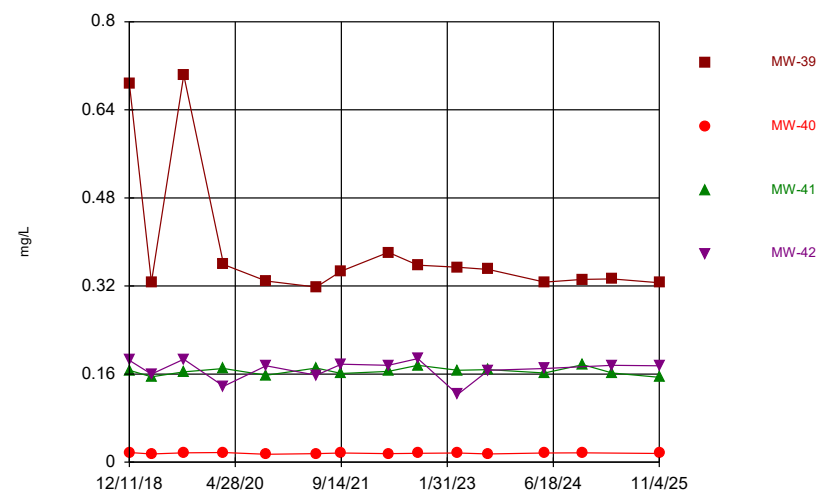
Bedrock

Time Series



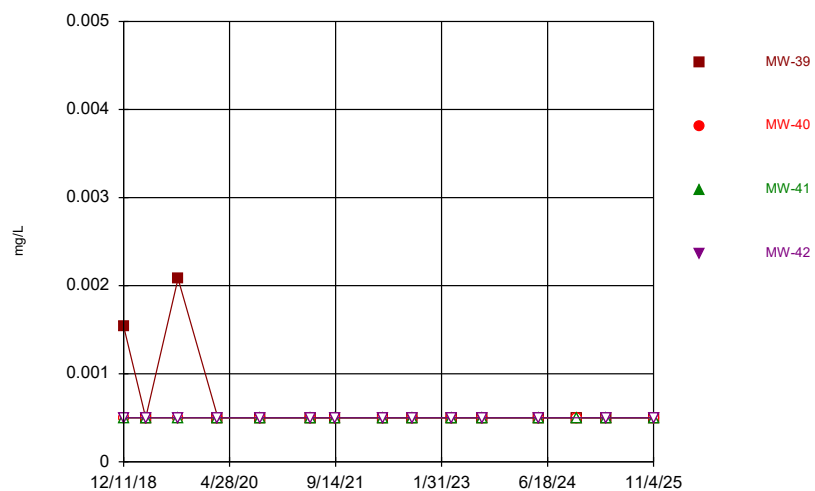
Constituent: Arsenic Analysis Run 1/15/2026 9:47 AM View: 2025\_AWQR-Time\_Series Bedrock  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



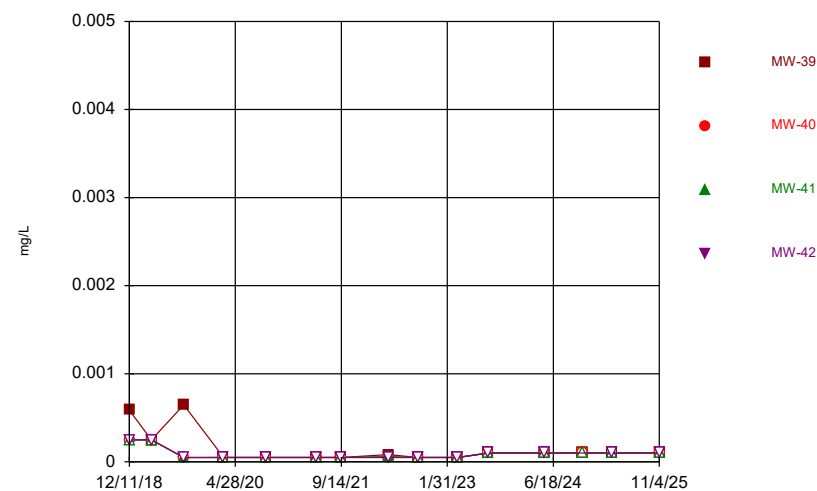
Constituent: Barium Analysis Run 1/15/2026 9:47 AM View: 2025\_AWQR-Time\_Series Bedrock  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



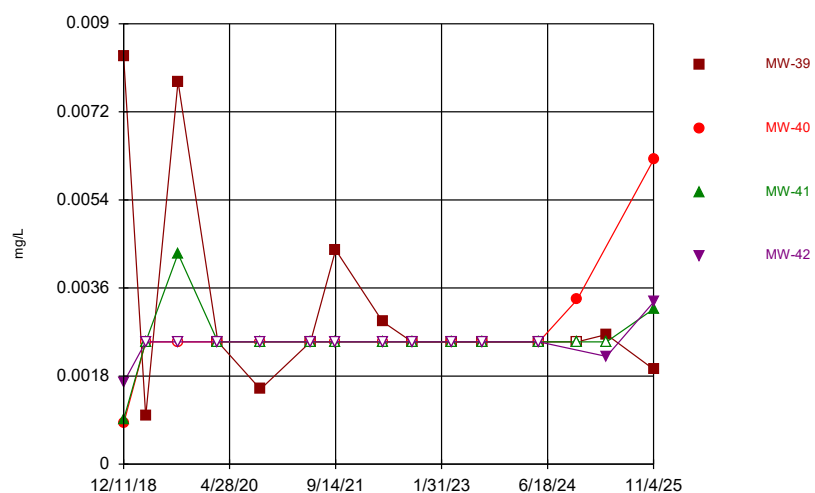
Constituent: Beryllium Analysis Run 1/15/2026 9:47 AM View: 2025\_AWQR-Time\_Series Bedrock  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



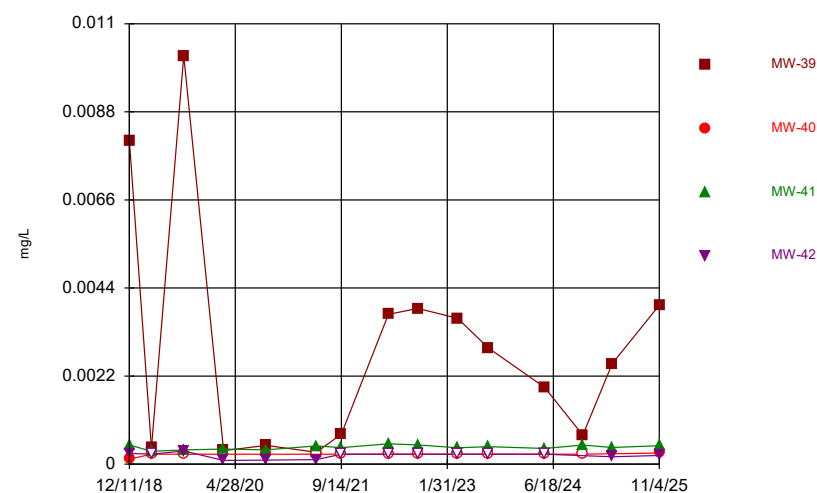
Constituent: Cadmium Analysis Run 1/15/2026 9:47 AM View: 2025\_AWQR-Time\_Series Bedrock  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



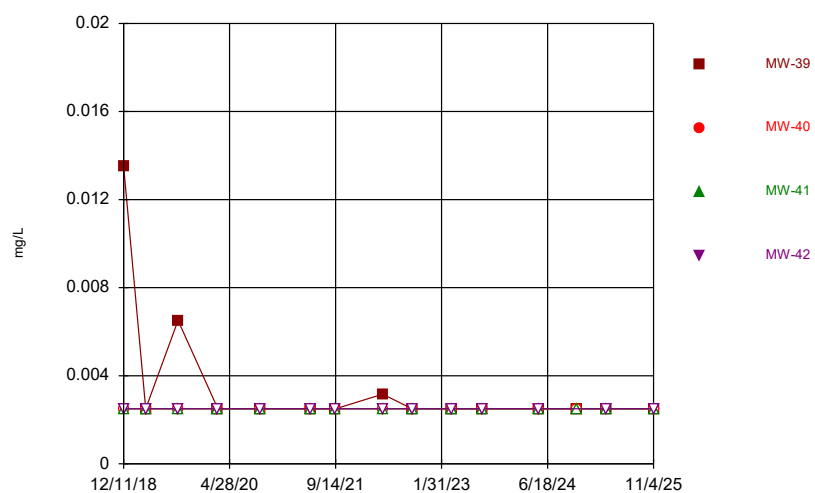
Constituent: Chromium Analysis Run 1/15/2026 9:47 AM View: 2025\_AWQR-Time\_Series Bedrock  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



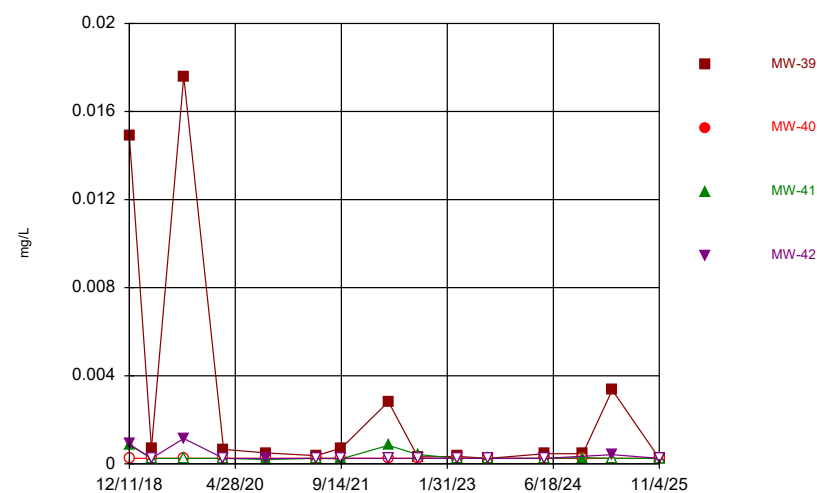
Constituent: Cobalt Analysis Run 1/15/2026 9:47 AM View: 2025\_AWQR-Time\_Series Bedrock  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



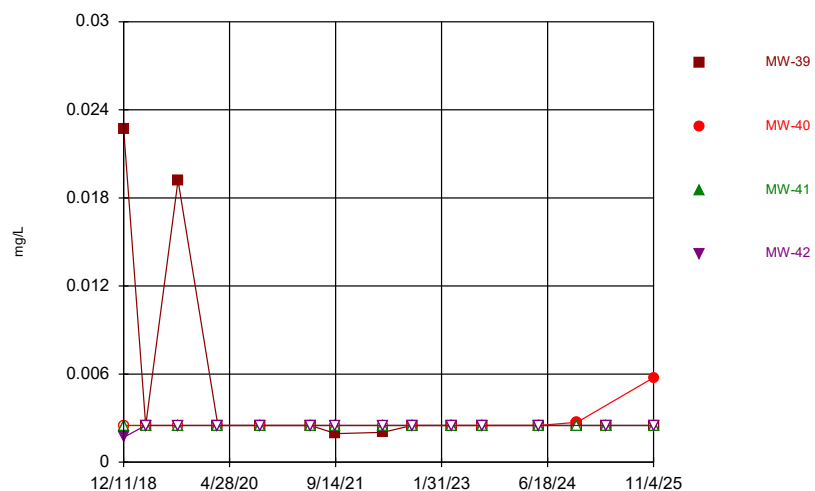
Constituent: Copper Analysis Run 1/15/2026 9:47 AM View: 2025\_AWQR-Time\_Series Bedrock  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



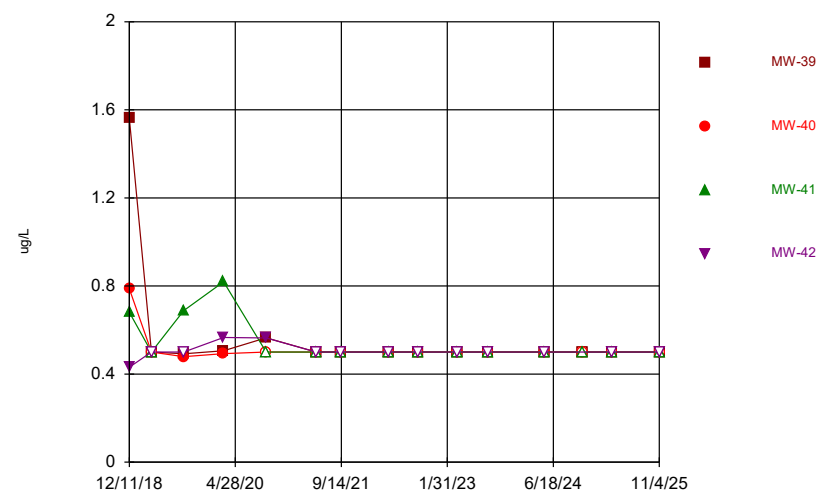
Constituent: Lead Analysis Run 1/15/2026 9:47 AM View: 2025\_AWQR-Time\_Series Bedrock  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



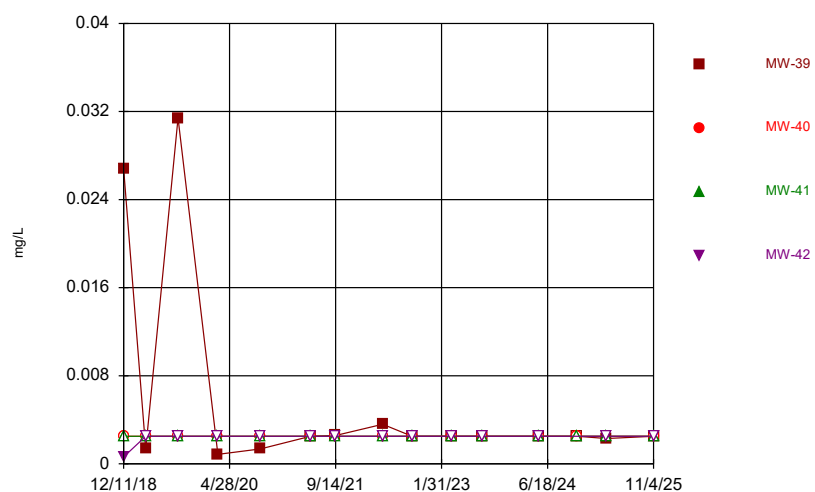
Constituent: Nickel Analysis Run 1/15/2026 9:47 AM View: 2025\_AWQR-Time\_Series Bedrock  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



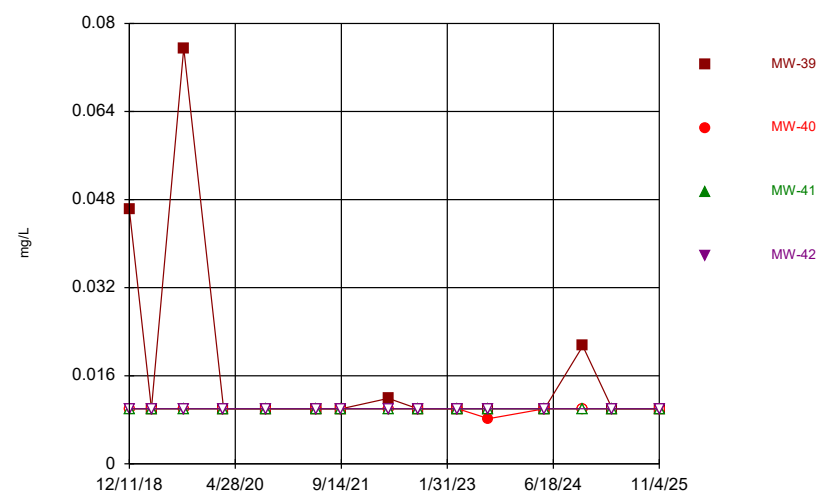
Constituent: Toluene Analysis Run 1/15/2026 9:47 AM View: 2025\_AWQR-Time\_Series Bedrock  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



Constituent: Vanadium Analysis Run 1/15/2026 9:47 AM View: 2025\_AWQR-Time\_Series Bedrock  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Time Series



Constituent: Zinc Analysis Run 1/15/2026 9:47 AM View: 2025\_AWQR-Time\_Series Bedrock  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP





# Outliers

## Water Table Aquifer

# BG Outlier Analysis

Clinton County SLF

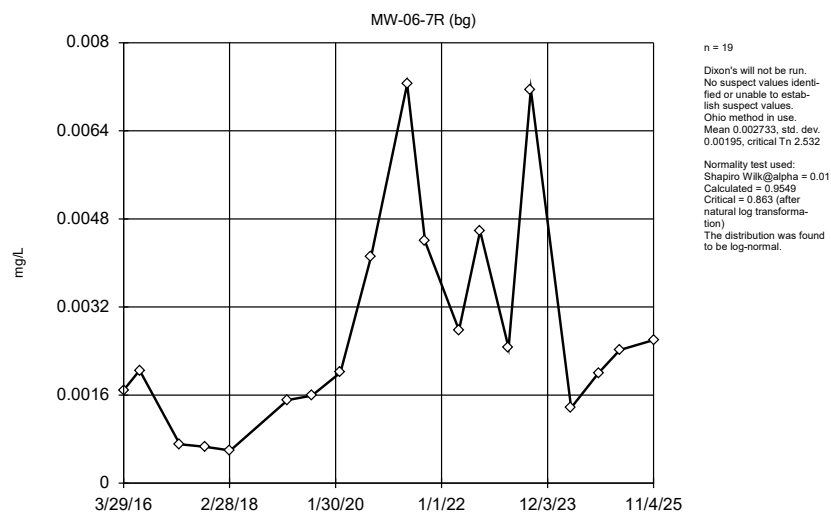
Client: SCS Engineers

Data: CCASW ES Sanitas HMSP

Printed 1/15/2026, 10:29 AM

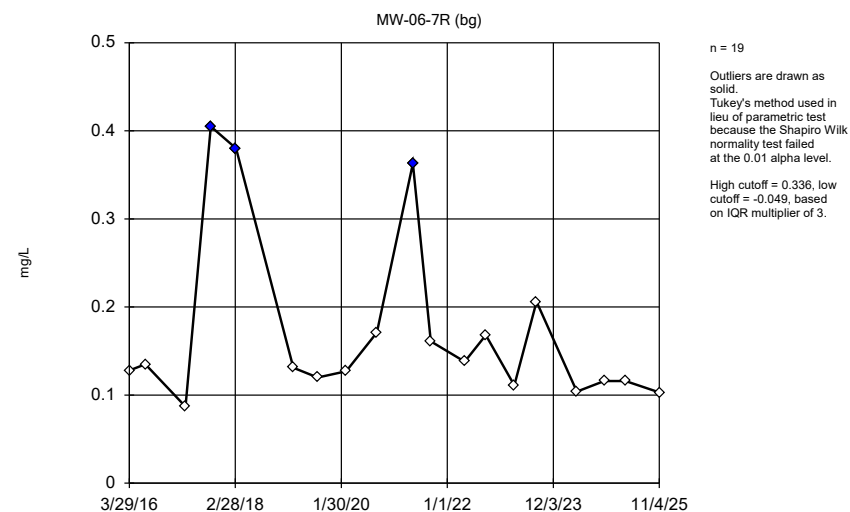
| <u>Constituent</u>   | <u>Well</u>          | <u>Outlier</u> | <u>Value(s)</u>         | <u>Date(s)</u>                      | <u>Method</u>      | <u>Alpha</u> | <u>N</u>  | <u>Mean</u>      | <u>Std. Dev.</u> | <u>Distribution</u> | <u>Normality Test</u> |
|----------------------|----------------------|----------------|-------------------------|-------------------------------------|--------------------|--------------|-----------|------------------|------------------|---------------------|-----------------------|
| Arsenic (mg/L)       | MW-06-7R (bg)        | No             | n/a                     | n/a                                 | EPA/OH             | 0.05         | 19        | 0.002733         | 0.00195          | ln(x)               | ShapiroWilk           |
| <b>Barium (mg/L)</b> | <b>MW-06-7R (bg)</b> | <b>Yes</b>     | <b>0.405,0.38,0.363</b> | <b>9/19/2017,3/5/2018,5/18/2021</b> | <b>NP (nrm)/OH</b> | <b>NaN</b>   | <b>19</b> | <b>0.1721</b>    | <b>0.09798</b>   | <b>unknown</b>      | <b>ShapiroWilk</b>    |
| Cadmium (mg/L)       | MW-06-7R (bg)        | No             | n/a                     | n/a                                 | OH                 | NaN          | 19        | 0.0001201        | 0.00007755       | n/a                 | n/a                   |
| Chromium (mg/L)      | MW-06-7R (bg)        | No             | n/a                     | n/a                                 | OH                 | NaN          | 19        | 0.002562         | 0.0002684        | n/a                 | n/a                   |
| Cobalt (mg/L)        | MW-06-7R (bg)        | No             | n/a                     | n/a                                 | NP (nrm)/OH        | NaN          | 19        | 0.000227         | 0.00007314       | unknown             | ShapiroWilk           |
| <b>Lead (mg/L)</b>   | <b>MW-06-7R (bg)</b> | <b>Yes</b>     | <b>0.0021</b>           | <b>3/5/2018</b>                     | <b>OH</b>          | <b>NaN</b>   | <b>19</b> | <b>0.0003467</b> | <b>0.0004253</b> | <b>n/a</b>          | <b>n/a</b>            |
| Nickel (mg/L)        | MW-06-7R (bg)        | No             | n/a                     | n/a                                 | OH                 | NaN          | 19        | 0.002509         | 0.00004129       | n/a                 | n/a                   |
| Selenium (mg/L)      | MW-06-7R (bg)        | No             | n/a                     | n/a                                 | OH                 | NaN          | 19        | 0.002401         | 0.0002985        | n/a                 | n/a                   |
| Silver (mg/L)        | MW-06-7R (bg)        | No             | n/a                     | n/a                                 | OH                 | NaN          | 19        | 0.0005626        | 0.0002102        | n/a                 | n/a                   |
| Thallium (mg/L)      | MW-06-7R (bg)        | No             | n/a                     | n/a                                 | OH                 | NaN          | 19        | 0.000527         | 0.0001338        | n/a                 | n/a                   |
| Vanadium (mg/L)      | MW-06-7R (bg)        | No             | n/a                     | n/a                                 | OH                 | NaN          | 19        | 0.002468         | 0.0001376        | n/a                 | n/a                   |
| Zinc (mg/L)          | MW-06-7R (bg)        | No             | n/a                     | n/a                                 | OH                 | NaN          | 19        | 0.009496         | 0.001512         | n/a                 | n/a                   |

## EPA Screening (suspected outliers for Dixon's Test)



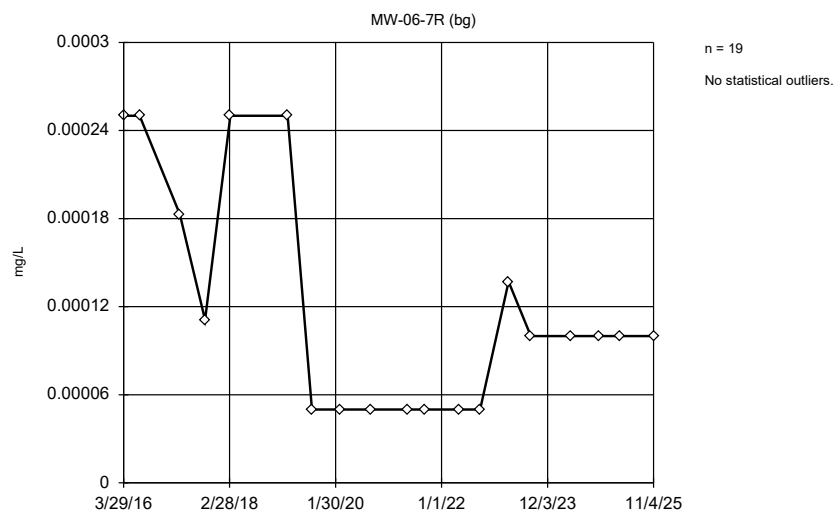
Constituent: Arsenic Analysis Run 1/15/2026 10:23 AM View: 2025\_AWQR-BG\_Outliers  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

## Tukey's Outlier Screening / Ohio EPA 0715 Outlier Algorithm



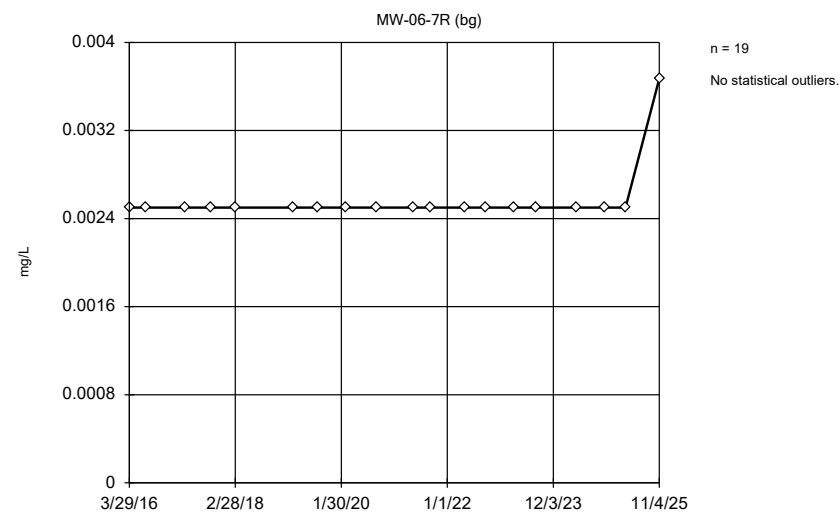
Constituent: Barium Analysis Run 1/15/2026 10:23 AM View: 2025\_AWQR-BG\_Outliers  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

## Ohio EPA 0715 Outlier Algorithm



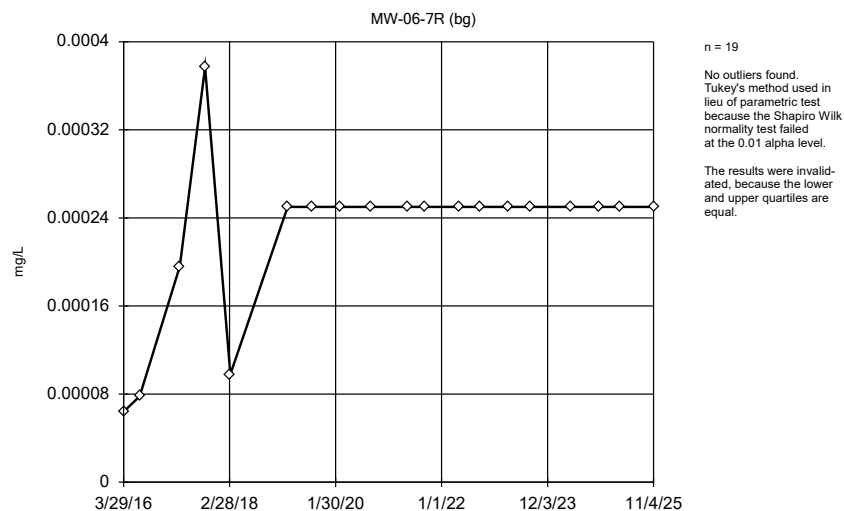
Constituent: Cadmium Analysis Run 1/15/2026 10:23 AM View: 2025\_AWQR-BG\_Outliers  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

## Ohio EPA 0715 Outlier Algorithm



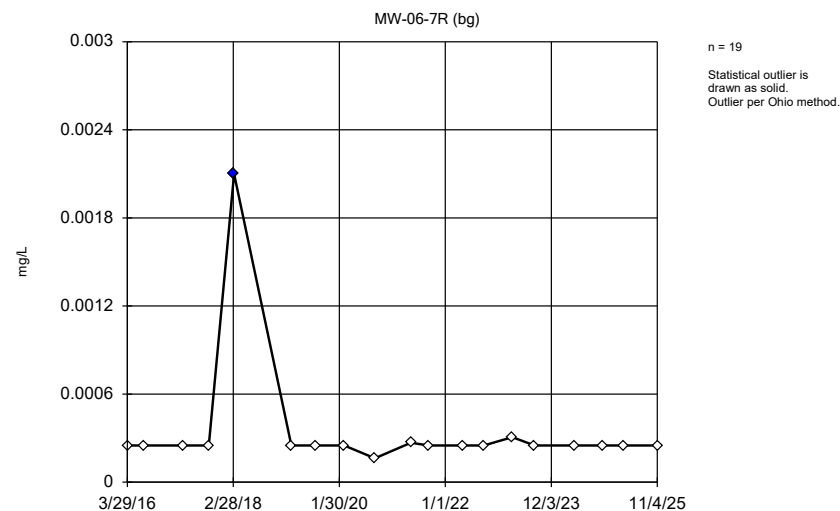
Constituent: Chromium Analysis Run 1/15/2026 10:23 AM View: 2025\_AWQR-BG\_Outliers  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

## Tukey's Outlier Screening / Ohio EPA 0715 Outlier Algorithm



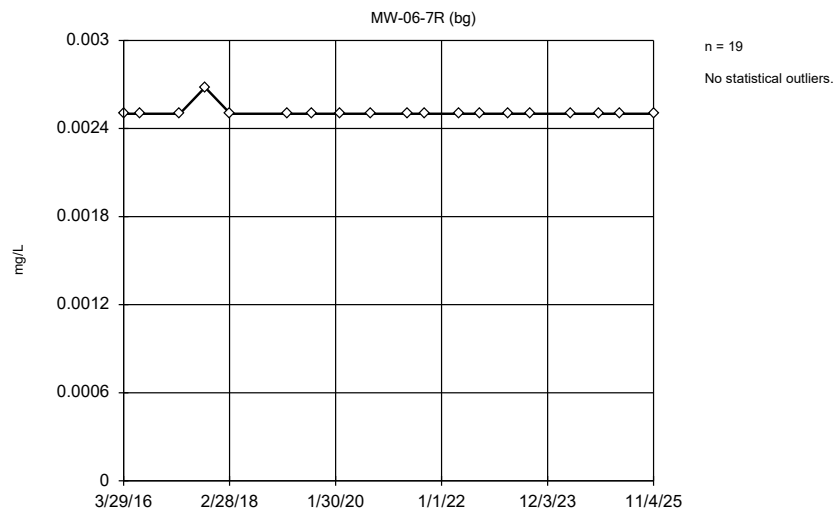
Constituent: Cobalt Analysis Run 1/15/2026 10:23 AM View: 2025\_AWQR-BG\_Outliers  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

## Ohio EPA 0715 Outlier Algorithm



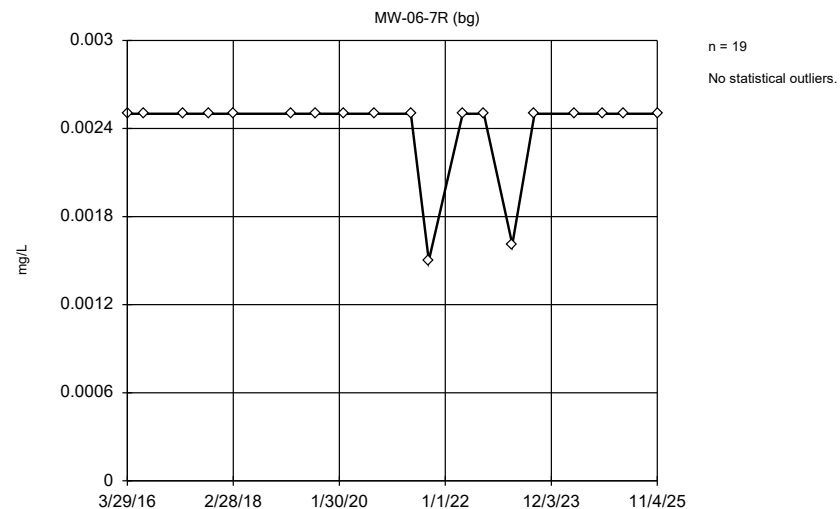
Constituent: Lead Analysis Run 1/15/2026 10:23 AM View: 2025\_AWQR-BG\_Outliers  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

## Ohio EPA 0715 Outlier Algorithm

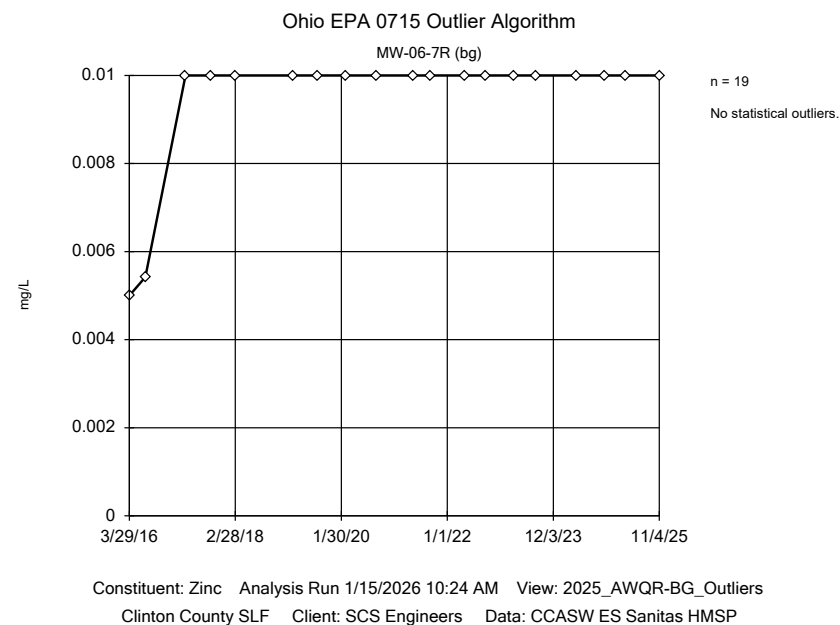
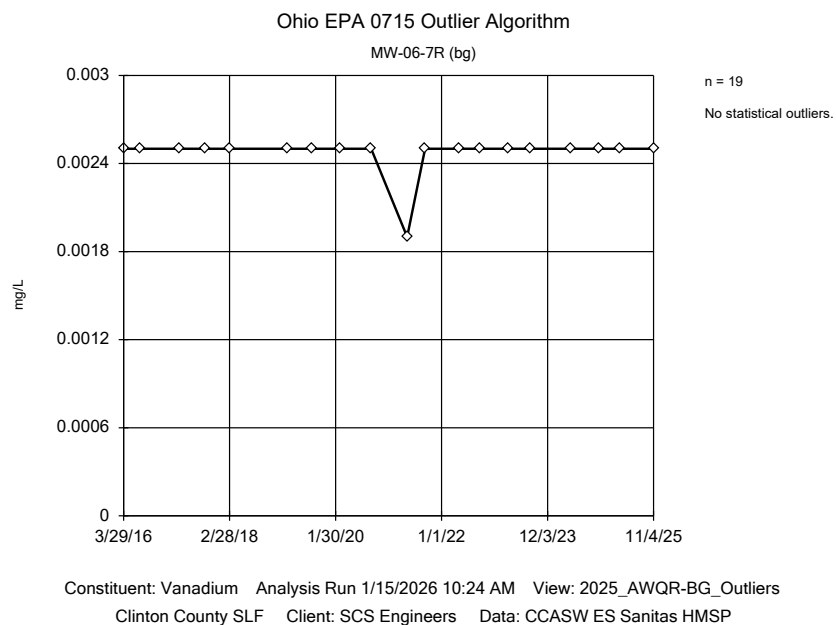
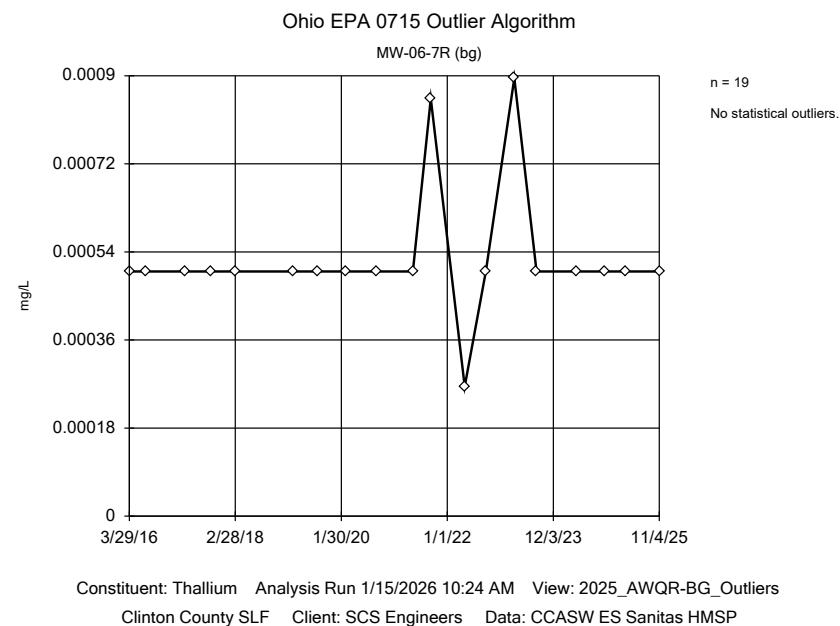
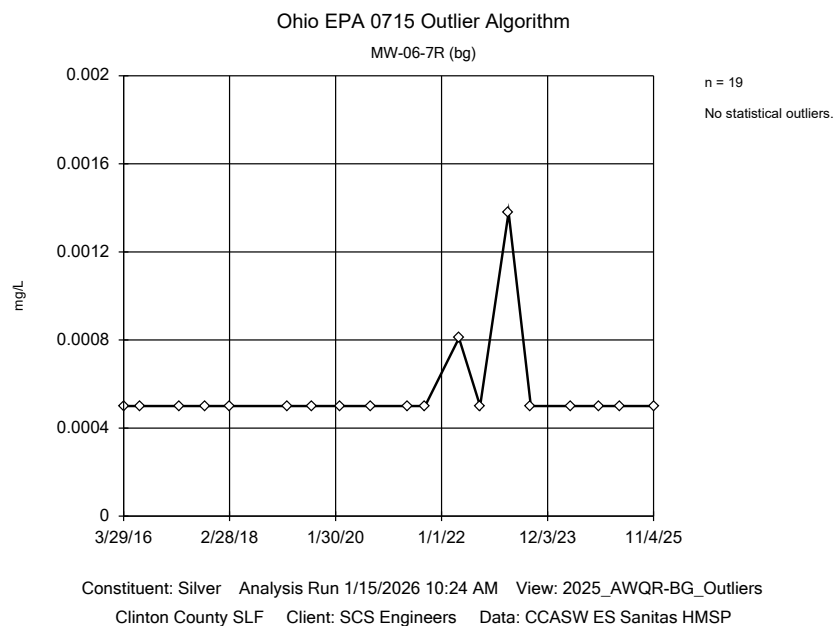


Constituent: Nickel Analysis Run 1/15/2026 10:23 AM View: 2025\_AWQR-BG\_Outliers  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

## Ohio EPA 0715 Outlier Algorithm



Constituent: Selenium Analysis Run 1/15/2026 10:23 AM View: 2025\_AWQR-BG\_Outliers  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP





Outliers

Bedrock

# MW-39 BG Outlier Analysis

Clinton County SLF

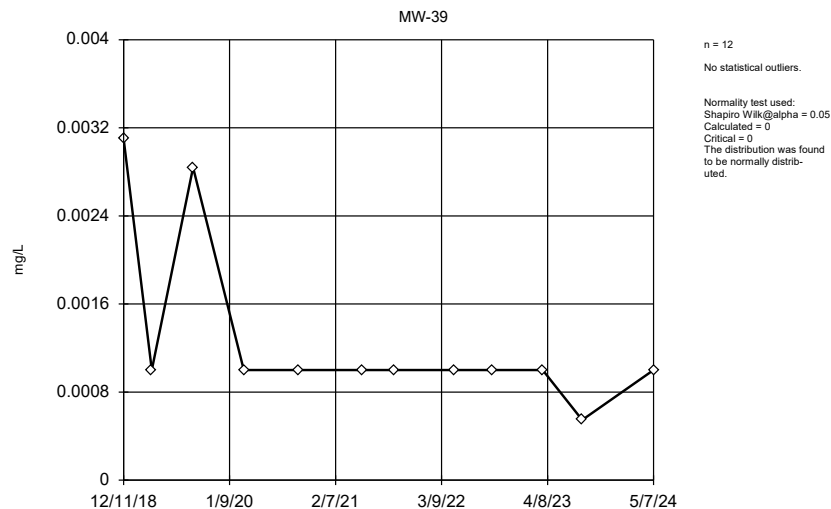
Client: SCS Engineers

Data: CCASW ES Sanitas HMSP

Printed 1/16/2026, 9:18 AM

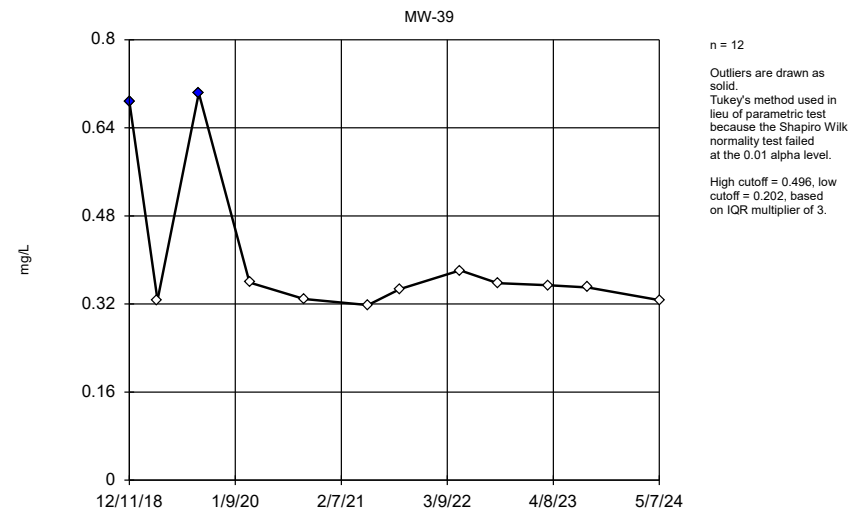
| <u>Constituent</u>      | <u>Well</u>  | <u>Outlier</u> | <u>Value(s)</u>                  | <u>Date(s)</u>                        | <u>Method</u>      | <u>Alpha</u> | <u>N</u>  | <u>Mean</u>      | <u>Std. Dev.</u> | <u>Distribution</u> | <u>Normality Test</u> |
|-------------------------|--------------|----------------|----------------------------------|---------------------------------------|--------------------|--------------|-----------|------------------|------------------|---------------------|-----------------------|
| Arsenic (mg/L)          | MW-39        | No             | n/a                              | n/a                                   | OH                 | NaN          | 12        | 0.001291         | 0.000797         | n/a                 | n/a                   |
| <b>Barium (mg/L)</b>    | <b>MW-39</b> | <b>Yes</b>     | <b>0.688,0.703</b>               | <b>12/11/2018,8/27/2019</b>           | <b>NP (nrm)/OH</b> | <b>NaN</b>   | <b>12</b> | <b>0.4034</b>    | <b>0.1376</b>    | <b>unknown</b>      | <b>ShapiroWilk</b>    |
| <b>Beryllium (mg/L)</b> | <b>MW-39</b> | <b>Yes</b>     | <b>0.00208</b>                   | <b>8/27/2019</b>                      | <b>OH</b>          | <b>NaN</b>   | <b>12</b> | <b>0.0007183</b> | <b>0.0005228</b> | <b>n/a</b>          | <b>n/a</b>            |
| <b>Cadmium (mg/L)</b>   | <b>MW-39</b> | <b>Yes</b>     | <b>0.000648,0.000585,0.00025</b> | <b>8/27/2019,12/11/2018,3/26/2019</b> | <b>OH</b>          | <b>NaN</b>   | <b>12</b> | <b>0.0001721</b> | <b>0.0002155</b> | <b>n/a</b>          | <b>n/a</b>            |
| Chromium (mg/L)         | MW-39        | No             | n/a                              | n/a                                   | EPA/OH             | 0.05         | 12        | 0.003412         | 0.002321         | ln(x)               | ShapiroWilk           |
| Cobalt (mg/L)           | MW-39        | No             | n/a                              | n/a                                   | EPA/OH             | 0.05         | 12        | 0.003052         | 0.003207         | normal              | ShapiroWilk           |
| <b>Copper (mg/L)</b>    | <b>MW-39</b> | <b>Yes</b>     | <b>0.0135</b>                    | <b>12/11/2018</b>                     | <b>OH</b>          | <b>NaN</b>   | <b>12</b> | <b>0.003806</b>  | <b>0.003262</b>  | <b>n/a</b>          | <b>n/a</b>            |
| <b>Lead (mg/L)</b>      | <b>MW-39</b> | <b>Yes</b>     | <b>0.0149,0.0176</b>             | <b>12/11/2018,8/27/2019</b>           | <b>NP (nrm)/OH</b> | <b>NaN</b>   | <b>12</b> | <b>0.003304</b>  | <b>0.006113</b>  | <b>unknown</b>      | <b>ShapiroWilk</b>    |
| Nickel (mg/L)           | MW-39        | No             | n/a                              | n/a                                   | NP (nrm)/OH        | NaN          | 12        | 0.005489         | 0.007263         | unknown             | ShapiroWilk           |
| Selenium (mg/L)         | MW-39        | No             | n/a                              | n/a                                   | OH                 | NaN          | 12        | 0.002346         | 0.0004217        | n/a                 | n/a                   |
| <b>Vanadium (mg/L)</b>  | <b>MW-39</b> | <b>Yes</b>     | <b>0.0268,0.0314</b>             | <b>12/11/2018,8/27/2019</b>           | <b>NP (nrm)/OH</b> | <b>NaN</b>   | <b>12</b> | <b>0.006703</b>  | <b>0.01053</b>   | <b>unknown</b>      | <b>ShapiroWilk</b>    |
| <b>Zinc (mg/L)</b>      | <b>MW-39</b> | <b>Yes</b>     | <b>0.0755,0.0462</b>             | <b>8/27/2019,12/11/2018</b>           | <b>OH</b>          | <b>NaN</b>   | <b>12</b> | <b>0.01863</b>   | <b>0.02069</b>   | <b>n/a</b>          | <b>n/a</b>            |

## Ohio EPA 0715 Outlier Algorithm



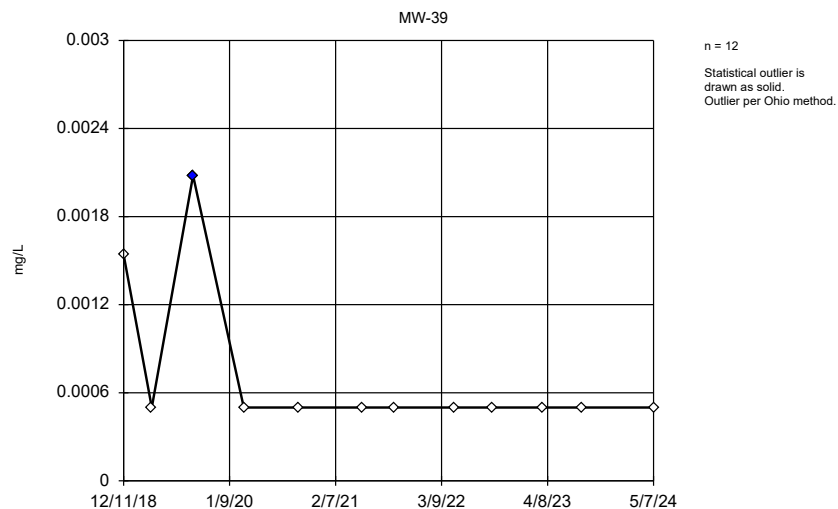
Constituent: Arsenic Analysis Run 1/16/2026 9:14 AM View: 2025 AWQR Intra PL MW-39  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

## Tukey's Outlier Screening / Ohio EPA 0715 Outlier Algorithm



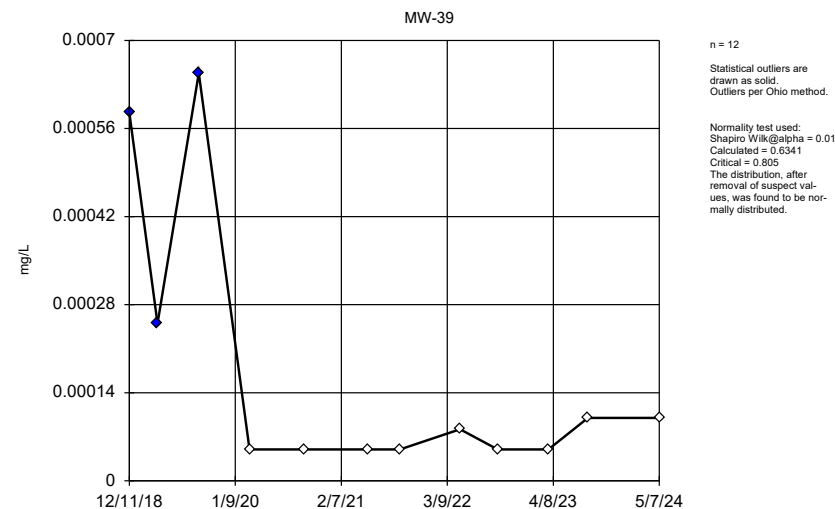
Constituent: Barium Analysis Run 1/16/2026 9:14 AM View: 2025 AWQR Intra PL MW-39  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

## Ohio EPA 0715 Outlier Algorithm



Constituent: Beryllium Analysis Run 1/16/2026 9:14 AM View: 2025 AWQR Intra PL MW-39  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

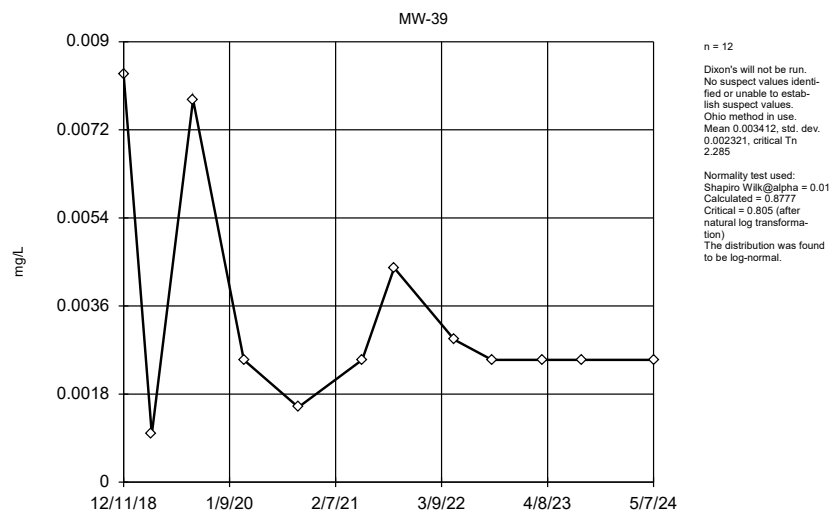
## Ohio EPA 0715 Outlier Algorithm



Constituent: Cadmium Analysis Run 1/16/2026 9:14 AM View: 2025 AWQR Intra PL MW-39  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

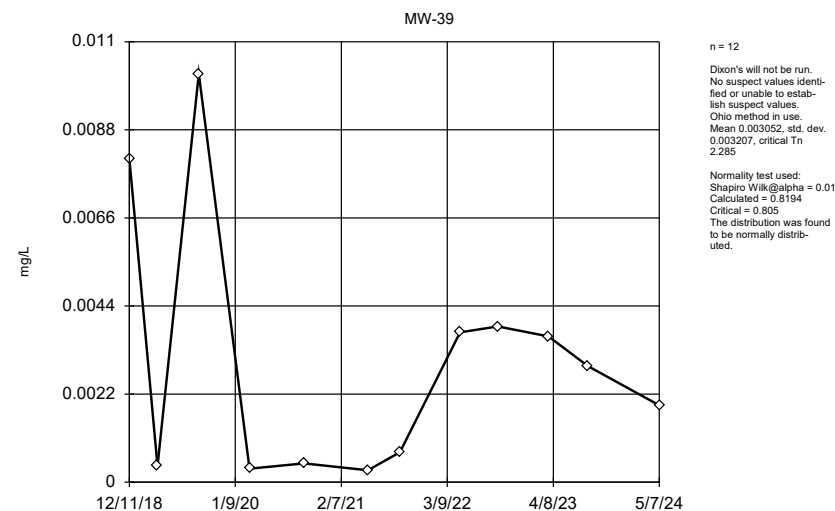


## EPA Screening (suspected outliers for Dixon's Test)



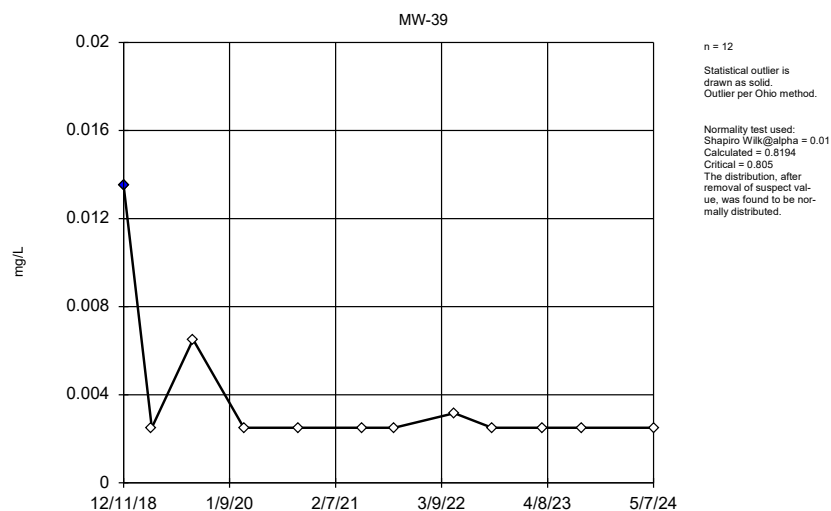
Constituent: Chromium Analysis Run 1/16/2026 9:14 AM View: 2025 AWQR Intra PL MW-39  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

## EPA Screening (suspected outliers for Dixon's Test)



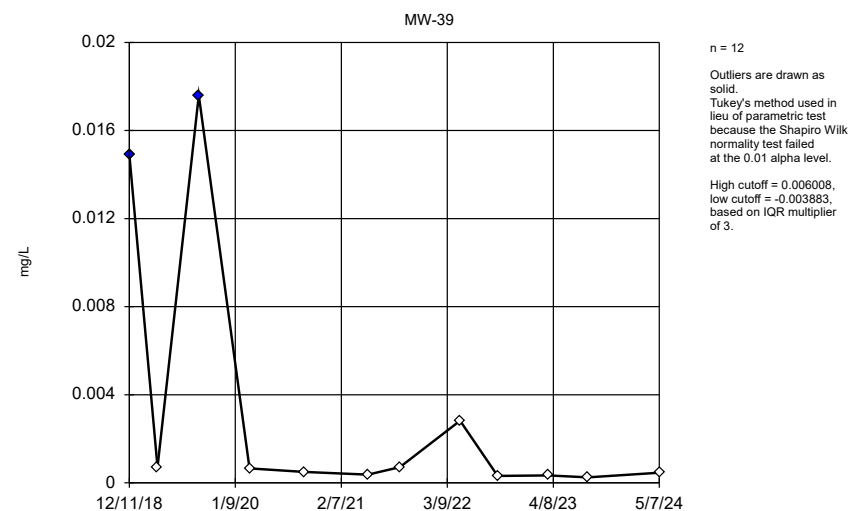
Constituent: Cobalt Analysis Run 1/16/2026 9:14 AM View: 2025 AWQR Intra PL MW-39  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

## Ohio EPA 0715 Outlier Algorithm



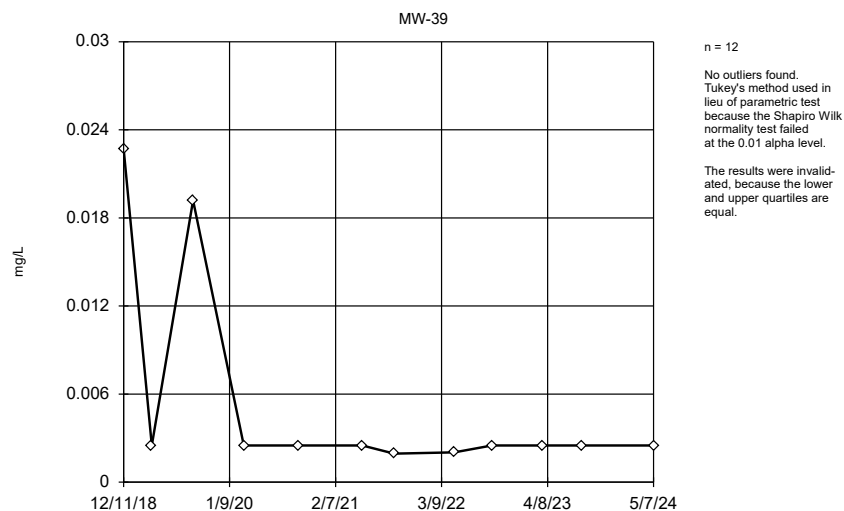
Constituent: Copper Analysis Run 1/16/2026 9:14 AM View: 2025 AWQR Intra PL MW-39  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

## Tukey's Outlier Screening / Ohio EPA 0715 Outlier Algorithm



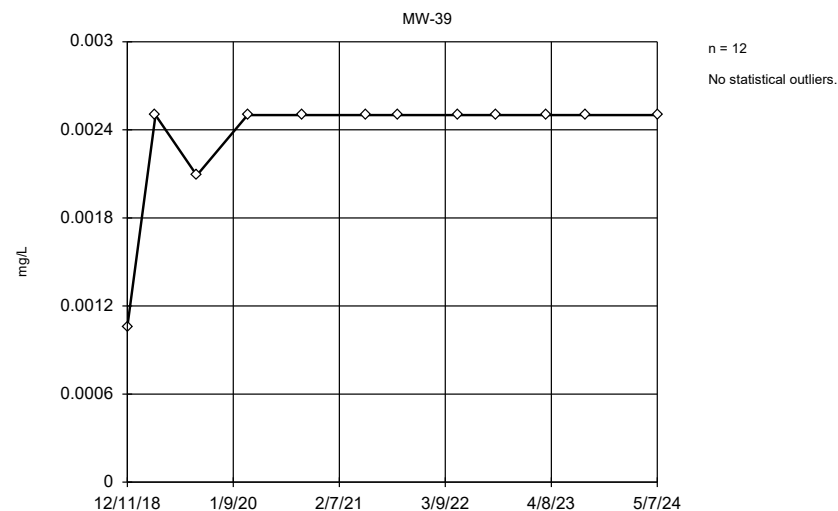
Constituent: Lead Analysis Run 1/16/2026 9:14 AM View: 2025 AWQR Intra PL MW-39  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

## Tukey's Outlier Screening / Ohio EPA 0715 Outlier Algorithm



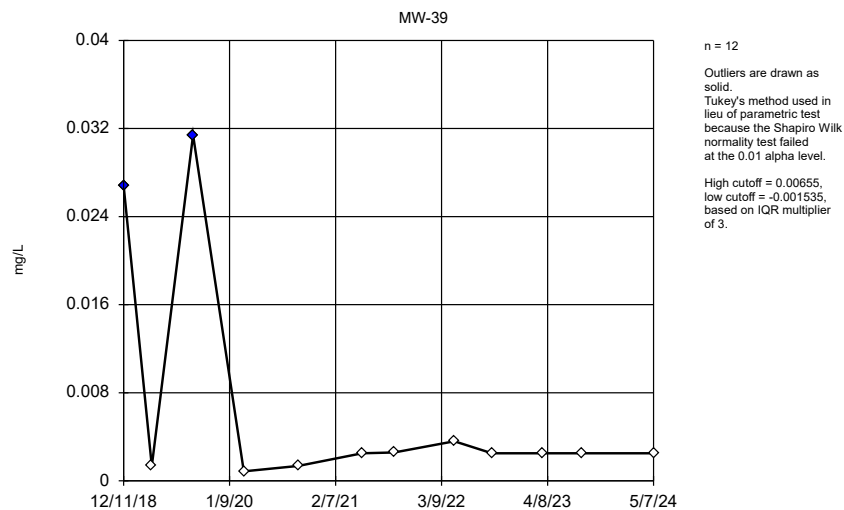
Constituent: Nickel Analysis Run 1/16/2026 9:14 AM View: 2025 AWQR Intra PL MW-39  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

## Ohio EPA 0715 Outlier Algorithm



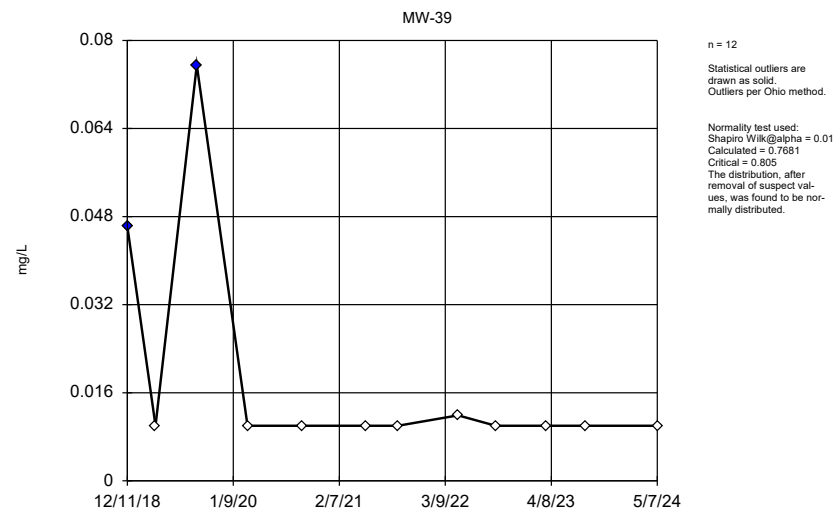
Constituent: Selenium Analysis Run 1/16/2026 9:14 AM View: 2025 AWQR Intra PL MW-39  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

## Tukey's Outlier Screening / Ohio EPA 0715 Outlier Algorithm



Constituent: Vanadium Analysis Run 1/16/2026 9:14 AM View: 2025 AWQR Intra PL MW-39  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

## Ohio EPA 0715 Outlier Algorithm



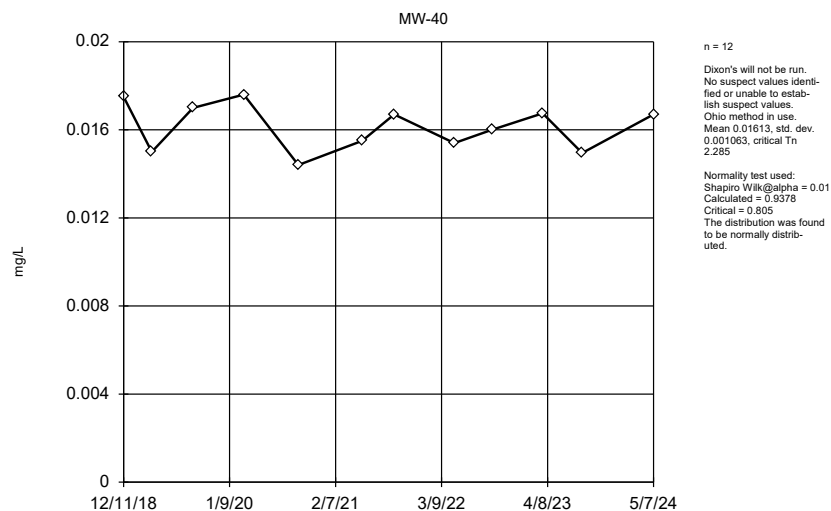
Constituent: Zinc Analysis Run 1/16/2026 9:14 AM View: 2025 AWQR Intra PL MW-39  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

# MW-40 BG Outlier Analysis

Clinton County SLF    Client: SCS Engineers    Data: CCASW ES Sanitas HMSP    Printed 1/16/2026, 11:53 AM

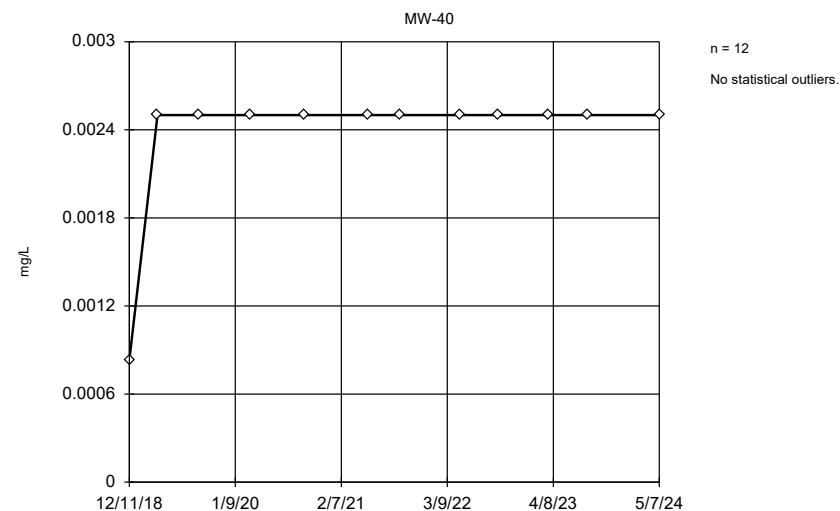
| <u>Constituent</u> | <u>Well</u> | <u>Outlier</u> | <u>Value(s)</u> | <u>Date(s)</u> | <u>Method</u> | <u>Alpha</u> | <u>N</u> | <u>Mean</u> | <u>Std. Dev.</u> | <u>Distribution</u> | <u>Normality Test</u> |
|--------------------|-------------|----------------|-----------------|----------------|---------------|--------------|----------|-------------|------------------|---------------------|-----------------------|
| Barium (mg/L)      | MW-40       | No             | n/a             | n/a            | EPA/OH        | 0.05         | 12       | 0.01613     | 0.001063         | normal              | ShapiroWilk           |
| Chromium (mg/L)    | MW-40       | No             | n/a             | n/a            | OH            | NaN          | 12       | 0.002361    | 0.0004815        | n/a                 | n/a                   |
| Cobalt (mg/L)      | MW-40       | No             | n/a             | n/a            | OH            | NaN          | 12       | 0.0002396   | 0.00003608       | n/a                 | n/a                   |
| Zinc (mg/L)        | MW-40       | No             | n/a             | n/a            | OH            | NaN          | 12       | 0.009852    | 0.0005138        | n/a                 | n/a                   |

## EPA Screening (suspected outliers for Dixon's Test)



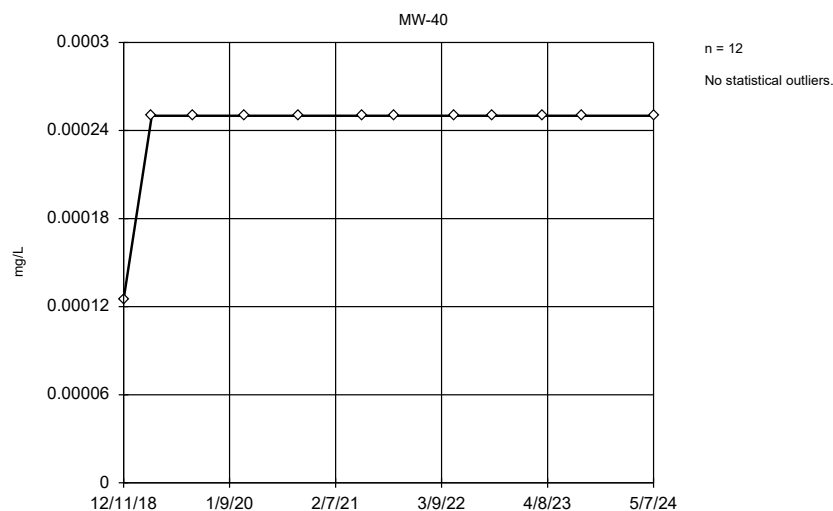
Constituent: Barium Analysis Run 1/16/2026 11:41 AM View: 2025 AWQR MW-40 BG Outliers  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

## Ohio EPA 0715 Outlier Algorithm



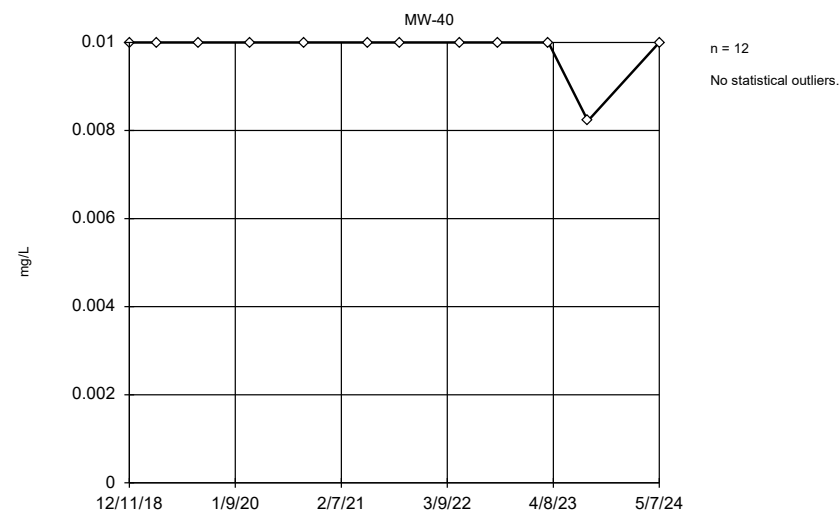
Constituent: Chromium Analysis Run 1/16/2026 11:41 AM View: 2025 AWQR MW-40 BG Outliers  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

## Ohio EPA 0715 Outlier Algorithm



Constituent: Cobalt Analysis Run 1/16/2026 11:41 AM View: 2025 AWQR MW-40 BG Outliers  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

## Ohio EPA 0715 Outlier Algorithm



Constituent: Zinc Analysis Run 1/16/2026 11:41 AM View: 2025 AWQR MW-40 BG Outliers  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

# MW-41 BG Outlier Analysis

Clinton County SLF

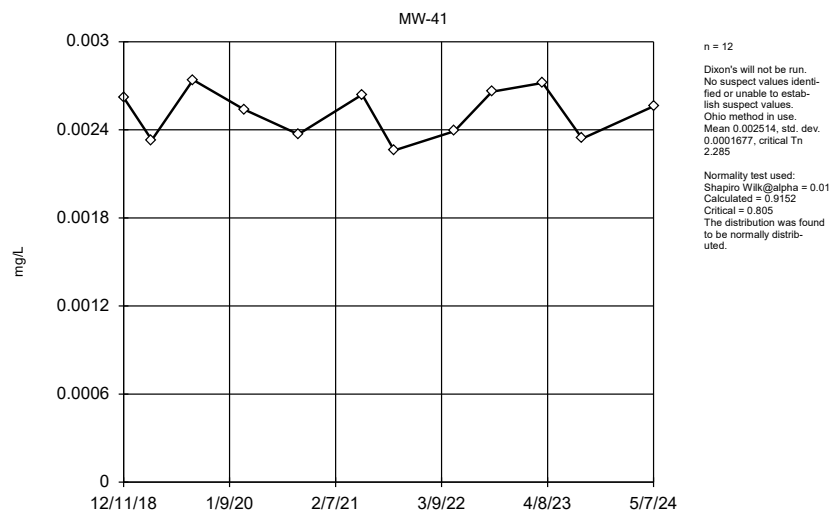
Client: SCS Engineers

Data: CCASW ES Sanitas HMSP

Printed 1/16/2026, 3:03 PM

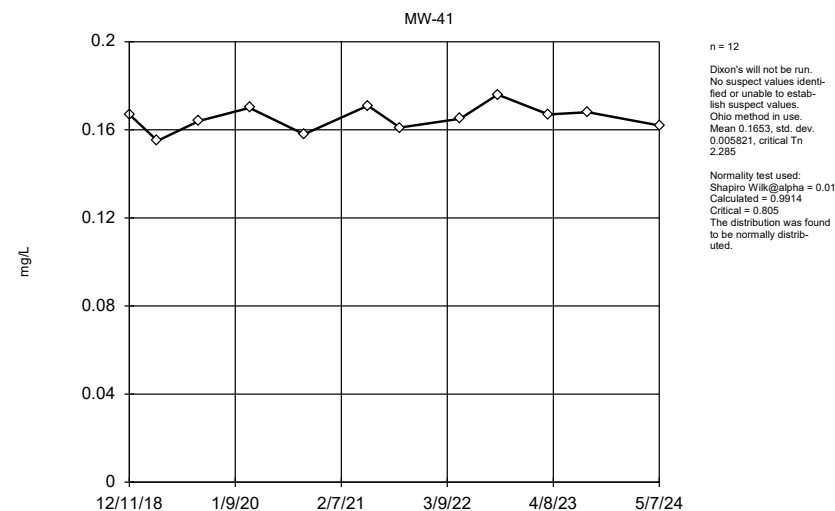
| <u>Constituent</u>    | <u>Well</u>  | <u>Outlier</u> | <u>Value(s)</u>          | <u>Date(s)</u>              | <u>Method</u>      | <u>Alpha</u> | <u>N</u>  | <u>Mean</u>                    | <u>Std. Dev.</u> | <u>Distribution</u> | <u>Normality Test</u> |
|-----------------------|--------------|----------------|--------------------------|-----------------------------|--------------------|--------------|-----------|--------------------------------|------------------|---------------------|-----------------------|
| Arsenic (mg/L)        | MW-41        | No             | n/a                      | n/a                         | EPA/OH             | 0.05         | 12        | 0.002514                       | 0.0001677        | normal              | ShapiroWilk           |
| Barium (mg/L)         | MW-41        | No             | n/a                      | n/a                         | EPA/OH             | 0.05         | 12        | 0.1653                         | 0.005821         | normal              | ShapiroWilk           |
| <b>Cadmium (mg/L)</b> | <b>MW-41</b> | <b>Yes</b>     | <b>0.00025,0.00025</b>   | <b>12/11/2018,3/26/2019</b> | <b>OH</b>          | <b>NaN</b>   | <b>12</b> | <b>0.000092330.00007604n/a</b> |                  |                     | <b>n/a</b>            |
| Chromium (mg/L)       | MW-41        | No             | n/a                      | n/a                         | OH                 | NaN          | 12        | 0.002518                       | 0.0007235        | n/a                 | n/a                   |
| Cobalt (mg/L)         | MW-41        | No             | n/a                      | n/a                         | EPA/OH             | 0.05         | 12        | 0.0004158                      | 0.00005846       | normal              | ShapiroWilk           |
| <b>Lead (mg/L)</b>    | <b>MW-41</b> | <b>Yes</b>     | <b>0.000869,0.000838</b> | <b>12/11/2018,4/26/2022</b> | <b>NP (nrm)/OH</b> | <b>NaN</b>   | <b>12</b> | <b>0.0003593</b>               | <b>0.0002372</b> | <b>unknown</b>      | <b>ShapiroWilk</b>    |

## EPA Screening (suspected outliers for Dixon's Test)



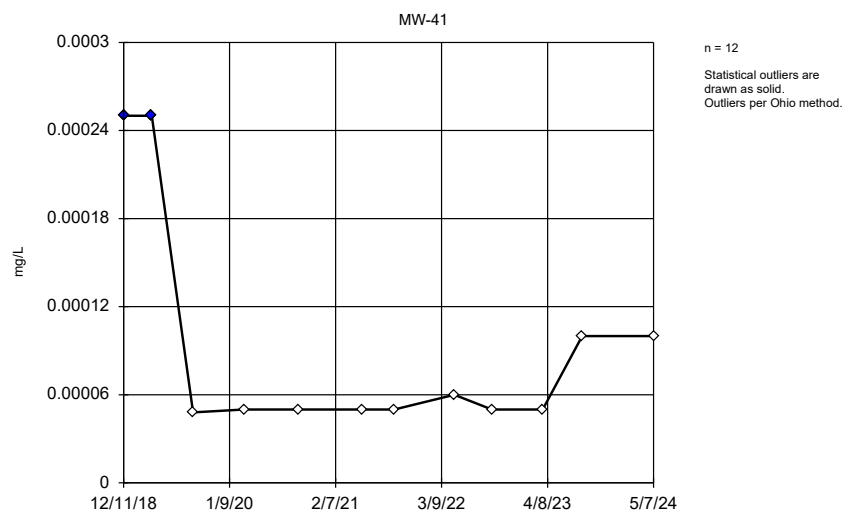
Constituent: Arsenic Analysis Run 1/16/2026 2:59 PM View: 2025 AWQR MW-41 Bg Outliers  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

## EPA Screening (suspected outliers for Dixon's Test)



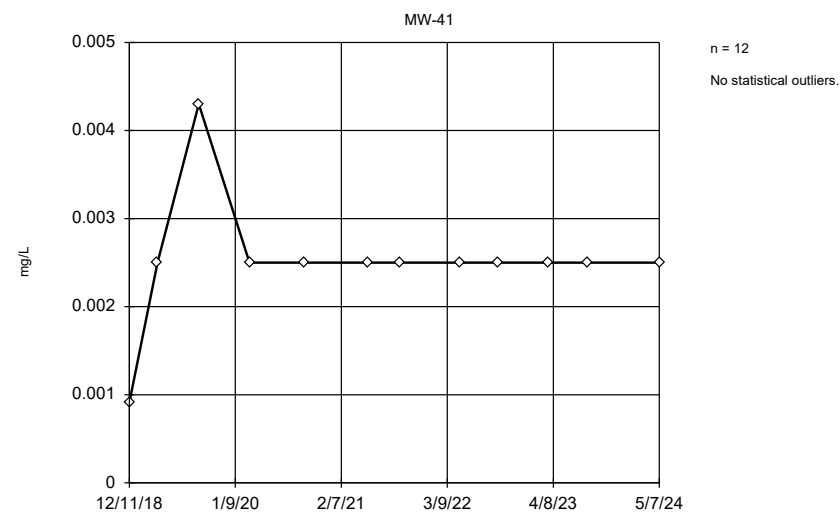
Constituent: Barium Analysis Run 1/16/2026 2:59 PM View: 2025 AWQR MW-41 Bg Outliers  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

## Ohio EPA 0715 Outlier Algorithm



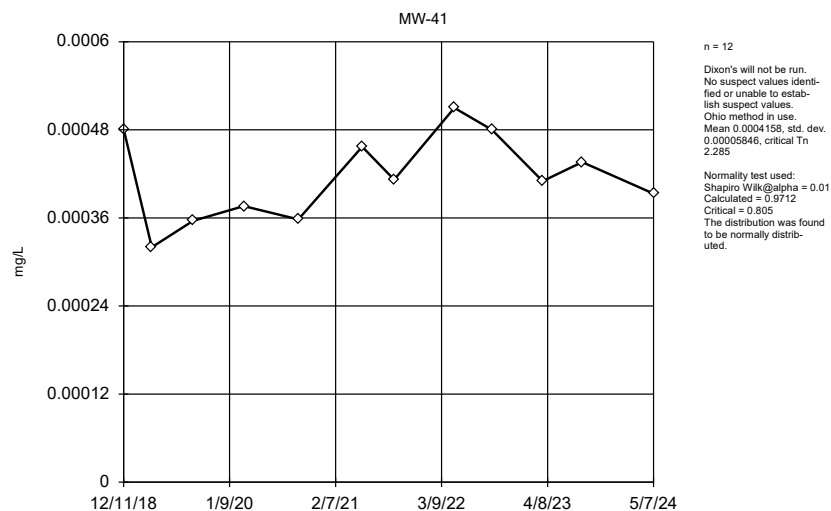
Constituent: Cadmium Analysis Run 1/16/2026 2:59 PM View: 2025 AWQR MW-41 Bg Outliers  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

## Ohio EPA 0715 Outlier Algorithm



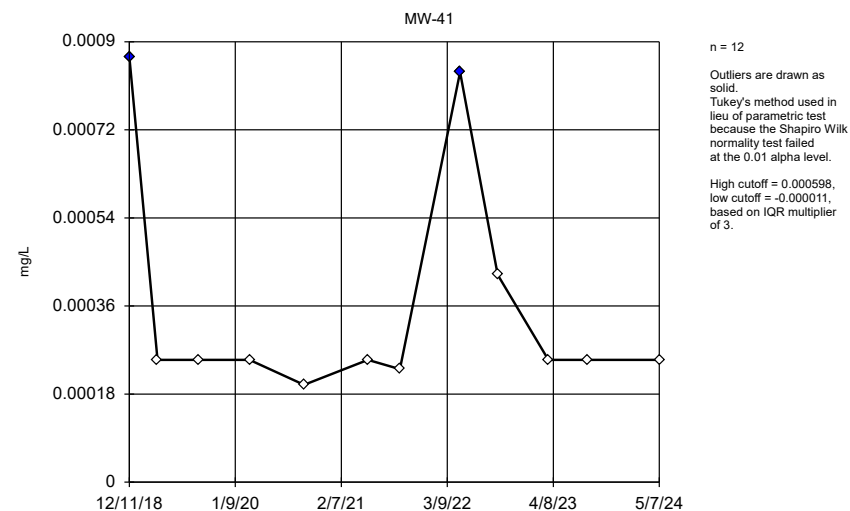
Constituent: Chromium Analysis Run 1/16/2026 2:59 PM View: 2025 AWQR MW-41 Bg Outliers  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

## EPA Screening (suspected outliers for Dixon's Test)



Constituent: Cobalt Analysis Run 1/16/2026 2:59 PM View: 2025 AWQR MW-41 Bg Outliers  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

## Tukey's Outlier Screening / Ohio EPA 0715 Outlier Algorithm



Constituent: Lead Analysis Run 1/16/2026 2:59 PM View: 2025 AWQR MW-41 Bg Outliers  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

# MW-42 BG Outlier Analysis

Clinton County SLF

Client: SCS Engineers

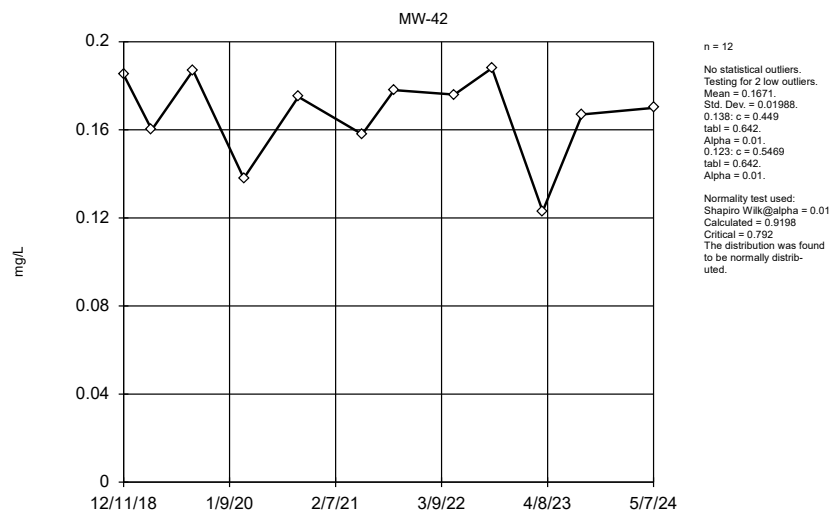
Data: CCASW ES Sanitas HMSP

Printed 1/16/2026, 3:26 PM

| <u>Constituent</u> | <u>Well</u>  | <u>Outlier</u> | <u>Value(s)</u> | <u>Date(s)</u>   | <u>Method</u> | <u>Alpha</u> | <u>N</u>  | <u>Mean</u>      | <u>Std. Dev.</u> | <u>Distribution</u> | <u>Normality Test</u> |
|--------------------|--------------|----------------|-----------------|------------------|---------------|--------------|-----------|------------------|------------------|---------------------|-----------------------|
| Barium (mg/L)      | MW-42        | No             | n/a             | n/a              | Dixon/OH      | 0.01         | 12        | 0.1671           | 0.01988          | normal              | ShapiroWilk           |
| Chromium (mg/L)    | MW-42        | No             | n/a             | n/a              | OH            | NaN          | 12        | 0.002431         | 0.0002396        | n/a                 | n/a                   |
| Cobalt (mg/L)      | MW-42        | No             | n/a             | n/a              | NP (nrm)/OH   | NaN          | 12        | 0.0002216        | 0.0000754        | unknown             | ShapiroWilk           |
| <b>Lead (mg/L)</b> | <b>MW-42</b> | <b>Yes</b>     | <b>0.00115</b>  | <b>8/27/2019</b> | <b>OH</b>     | <b>NaN</b>   | <b>12</b> | <b>0.0003778</b> | <b>0.0003055</b> | <b>n/a</b>          | <b>n/a</b>            |
| Nickel (mg/L)      | MW-42        | No             | n/a             | n/a              | OH            | NaN          | 12        | 0.002432         | 0.0002338        | n/a                 | n/a                   |
| Selenium (mg/L)    | MW-42        | No             | n/a             | n/a              | EPA/OH        | 0.05         | 12        | 0.00169          | 0.0004571        | normal              | ShapiroWilk           |
| Vanadium (mg/L)    | MW-42        | No             | n/a             | n/a              | OH            | NaN          | 12        | 0.002345         | 0.0005381        | n/a                 | n/a                   |

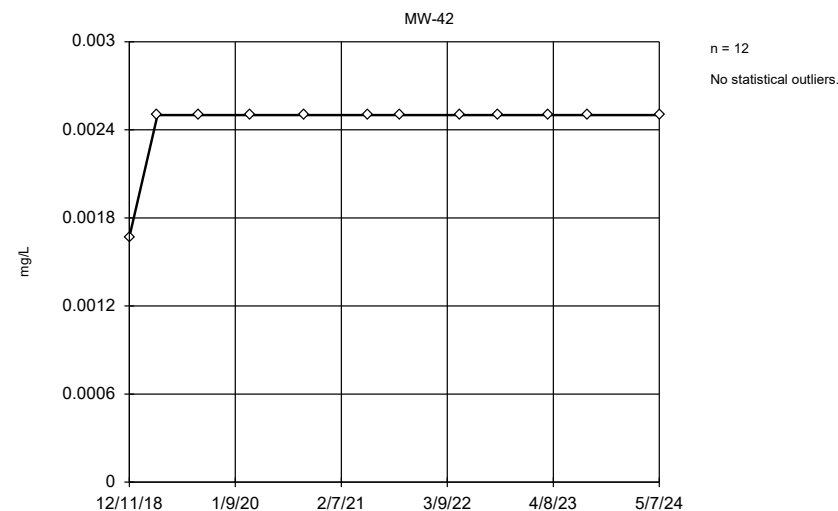


## Dixon's Outlier Test / Ohio EPA 0715 Outlier Algorithm



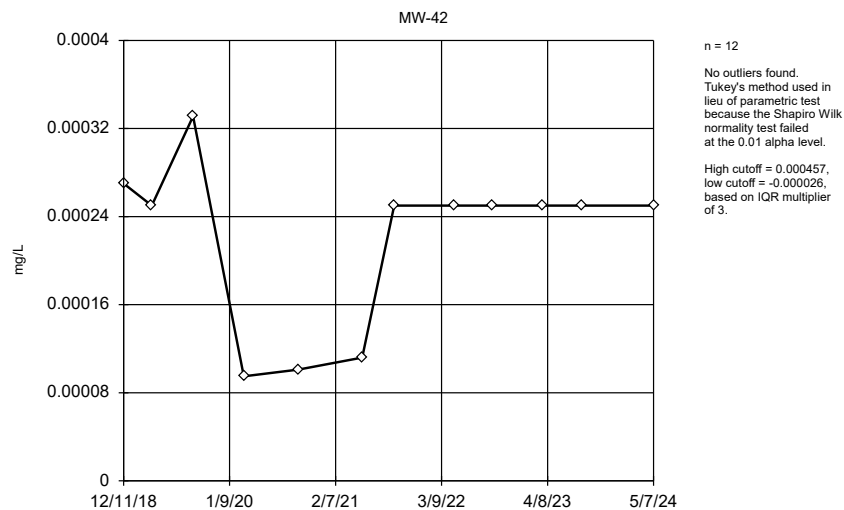
Constituent: Barium Analysis Run 1/16/2026 3:21 PM View: 2025 AWQR MW-42 BG Outliers  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

## Ohio EPA 0715 Outlier Algorithm



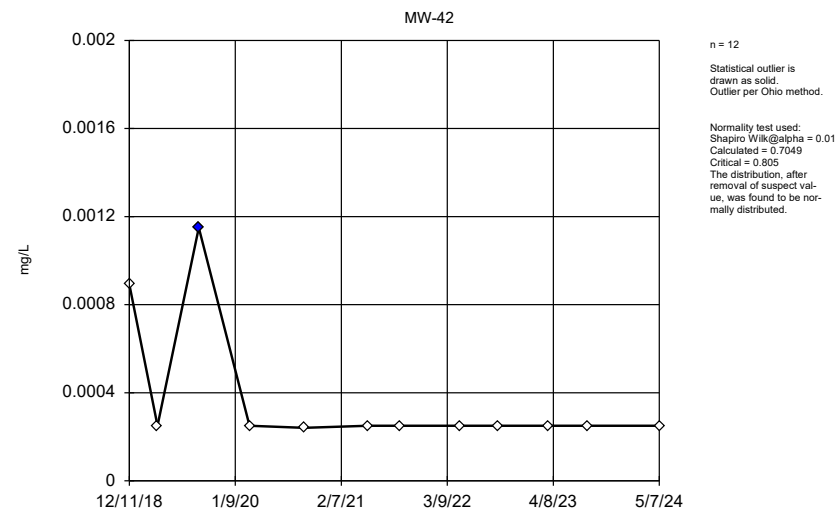
Constituent: Chromium Analysis Run 1/16/2026 3:21 PM View: 2025 AWQR MW-42 BG Outliers  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

## Tukey's Outlier Screening / Ohio EPA 0715 Outlier Algorithm



Constituent: Cobalt Analysis Run 1/16/2026 3:21 PM View: 2025 AWQR MW-42 BG Outliers  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

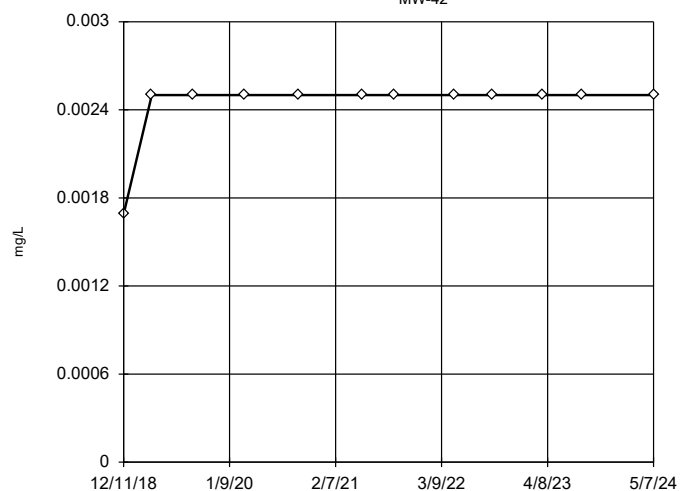
## Ohio EPA 0715 Outlier Algorithm



Constituent: Lead Analysis Run 1/16/2026 3:21 PM View: 2025 AWQR MW-42 BG Outliers  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

## Ohio EPA 0715 Outlier Algorithm

MW-42



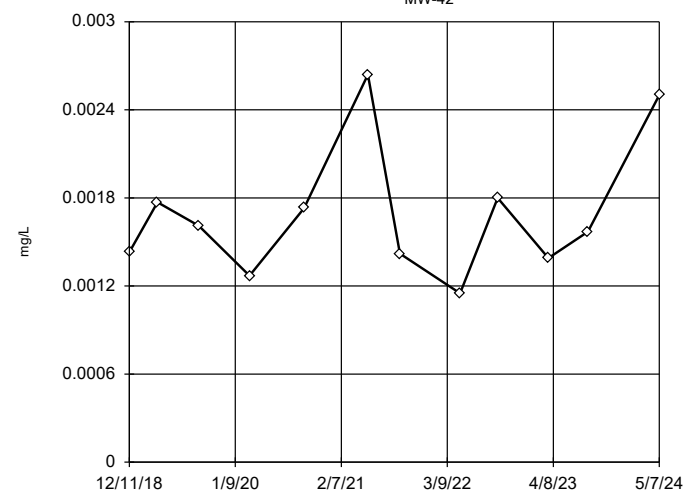
n = 12

No statistical outliers.

Constituent: Nickel Analysis Run 1/16/2026 3:21 PM View: 2025 AWQR MW-42 BG Outliers  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

## EPA Screening (suspected outliers for Dixon's Test)

MW-42



n = 12

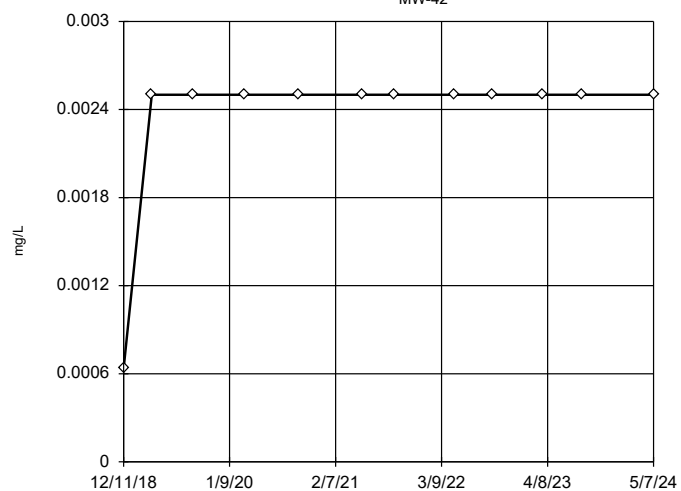
Dixon's will not be run.  
No suspect values identified or unable to establish suspect values.  
Ohio method in use.  
Mean 0.00169, std. dev. 0.0004571, critical Tn 2.285

Normality test used:  
Shapiro Wilk@alpha = 0.01  
Calculated = 0.8595  
Critical = 0.905  
The distribution was found to be normally distributed.

Constituent: Selenium Analysis Run 1/16/2026 3:22 PM View: 2025 AWQR MW-42 BG Outliers  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

## Ohio EPA 0715 Outlier Algorithm

MW-42



n = 12

No statistical outliers.

Constituent: Vanadium Analysis Run 1/16/2026 3:22 PM View: 2025 AWQR MW-42 BG Outliers  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP



Interwell Prediction Limit  
Water Table Aquifer

# Prediction Limit

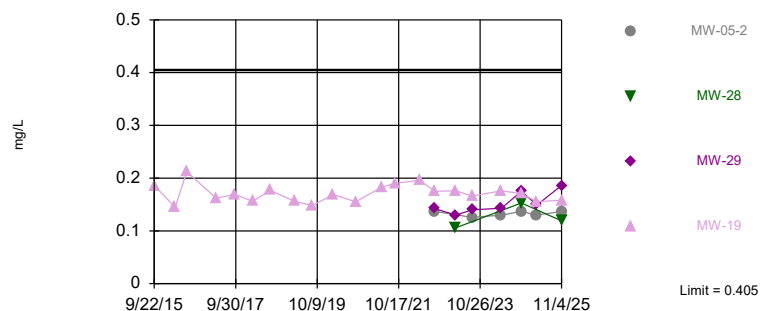
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP Printed 1/15/2026, 11:32 AM

| <u>Constituent</u>     | <u>Well</u>  | <u>Upper Lim.</u> | <u>Lower Lim.</u> | <u>Date</u>      | <u>Observ.</u>  | <u>Sig.</u> | <u>Bg N</u> | <u>Bg Wells</u> | <u>%NDs</u>  | <u>Transform</u> | <u>Alpha</u>    | <u>Method</u>                |
|------------------------|--------------|-------------------|-------------------|------------------|-----------------|-------------|-------------|-----------------|--------------|------------------|-----------------|------------------------------|
| Barium (mg/L)          | MW-05-2      | 0.405             | n/a               | 11/4/2025        | 0.137           | No          | 19          | MW-06-7R        | 0            | n/a              | 0.004205        | NP Inter (normality) 1 of 2  |
| Barium (mg/L)          | MW-28        | 0.405             | n/a               | 11/4/2025        | 0.119           | No          | 19          | MW-06-7R        | 0            | n/a              | 0.004205        | NP Inter (normality) 1 of 2  |
| Barium (mg/L)          | MW-29        | 0.405             | n/a               | 11/4/2025        | 0.186           | No          | 19          | MW-06-7R        | 0            | n/a              | 0.004205        | NP Inter (normality) 1 of 2  |
| Barium (mg/L)          | MW-19        | 0.405             | n/a               | 11/4/2025        | 0.158           | No          | 19          | MW-06-7R        | 0            | n/a              | 0.004205        | NP Inter (normality) 1 of 2  |
| <b>Chromium (mg/L)</b> | <b>MW-28</b> | <b>0.00367</b>    | <b>n/a</b>        | <b>11/4/2025</b> | <b>0.013</b>    | <b>Yes</b>  | <b>19</b>   | <b>MW-06-7R</b> | <b>94.74</b> | <b>n/a</b>       | <b>0.004205</b> | <b>NP Inter (NDs) 1 of 2</b> |
| <b>Cobalt (mg/L)</b>   | <b>MW-28</b> | <b>0.000377</b>   | <b>n/a</b>        | <b>11/4/2025</b> | <b>0.000501</b> | <b>Yes</b>  | <b>19</b>   | <b>MW-06-7R</b> | <b>73.68</b> | <b>n/a</b>       | <b>0.004205</b> | <b>NP Inter (NDs) 1 of 2</b> |
| <b>Cobalt (mg/L)</b>   | <b>MW-29</b> | <b>0.000377</b>   | <b>n/a</b>        | <b>11/4/2025</b> | <b>0.000881</b> | <b>Yes</b>  | <b>19</b>   | <b>MW-06-7R</b> | <b>73.68</b> | <b>n/a</b>       | <b>0.004205</b> | <b>NP Inter (NDs) 1 of 2</b> |
| <b>Nickel (mg/L)</b>   | <b>MW-28</b> | <b>0.00268</b>    | <b>n/a</b>        | <b>11/4/2025</b> | <b>0.0106</b>   | <b>Yes</b>  | <b>19</b>   | <b>MW-06-7R</b> | <b>94.74</b> | <b>n/a</b>       | <b>0.004205</b> | <b>NP Inter (NDs) 1 of 2</b> |
| Nickel (mg/L)          | MW-19        | 0.00268           | n/a               | 11/4/2025        | 0.00506J        | No          | 19          | MW-06-7R        | 94.74        | n/a              | 0.004205        | NP Inter (NDs) 1 of 2        |

Within Limit

## Prediction Limit

Interwell Non-parametric



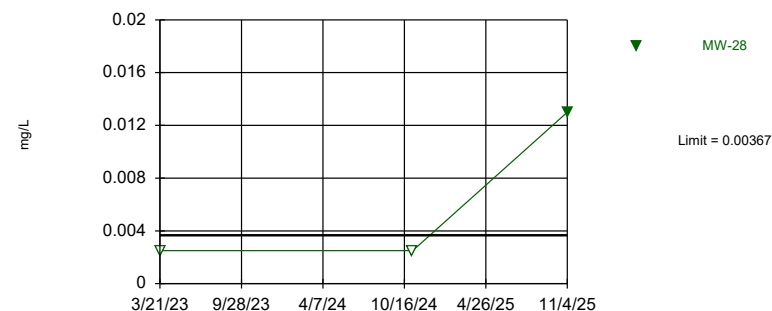
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 19 background values. Annual per-constituent alpha = 0.07305. Individual comparison alpha = 0.004205 (1 of 2). Comparing 4 points to limit. Assumes 5 future values.

Constituent: Barium Analysis Run 1/15/2026 11:25 AM View: 2025\_AWQR\_Interwell\_PL  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Exceeds Limit: MW-28

## Prediction Limit

Interwell Non-parametric



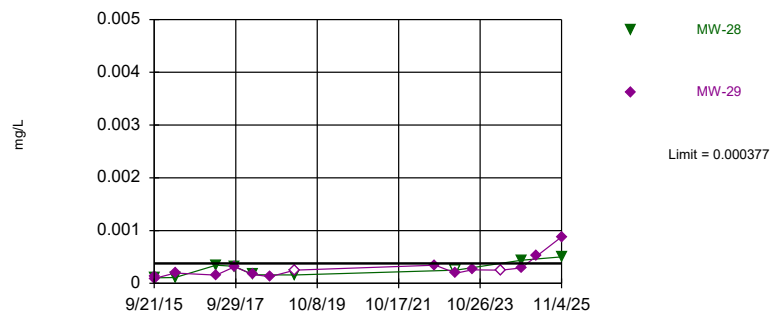
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 94.74% NDs. Annual per-constituent alpha = 0.07305. Individual comparison alpha = 0.004205 (1 of 2). Assumes 8 future values.

Constituent: Chromium Analysis Run 1/15/2026 11:25 AM View: 2025\_AWQR\_Interwell\_PL  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Exceeds Limit: MW-28, MW-29

## Prediction Limit

Interwell Non-parametric



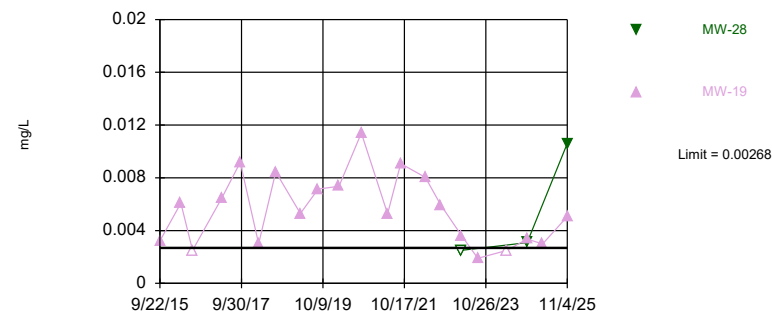
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 73.68% NDs. Annual per-constituent alpha = 0.07305. Individual comparison alpha = 0.004205 (1 of 2). Comparing 2 points to limit. Assumes 7 future values.

Constituent: Cobalt Analysis Run 1/15/2026 11:25 AM View: 2025\_AWQR\_Interwell\_PL  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Exceeds Limit: MW-28

## Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 94.74% NDs. Annual per-constituent alpha = 0.07305. Individual comparison alpha = 0.004205 (1 of 2). Comparing 2 points to limit. Assumes 7 future values.

Constituent: Nickel Analysis Run 1/15/2026 11:25 AM View: 2025\_AWQR\_Interwell\_PL  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

## Intrawell Prediction Limits

### Bedrock

# MW-39 Intrawell Prediction Limit

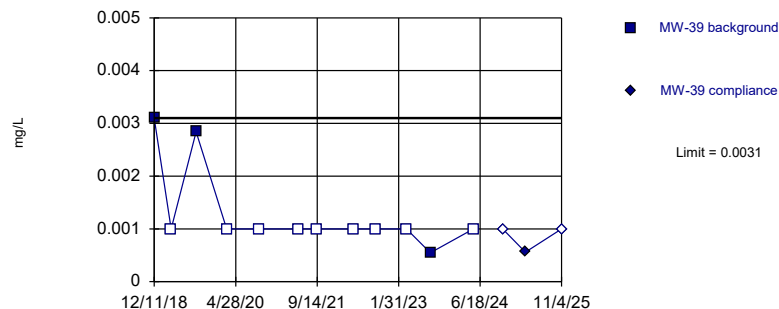
Clinton County SLF   Client: SCS Engineers   Data: CCASW ES Sanitas HMSP   Printed 1/16/2026, 9:25 AM

| <u>Constituent</u> | <u>Well</u> | <u>Upper Lim.</u> | <u>Lower Lim.</u> | <u>Date</u> | <u>Observ.</u> | <u>Sig.</u> | <u>Bg N</u> | <u>Bg Wells</u> | <u>%NDs</u> | <u>Transform</u> | <u>Alpha</u> | <u>Method</u>               |
|--------------------|-------------|-------------------|-------------------|-------------|----------------|-------------|-------------|-----------------|-------------|------------------|--------------|-----------------------------|
| Arsenic (mg/L)     | MW-39       | 0.0031            | n/a               | 11/4/2025   | 0.001ND        | No          | 12          | n/a             | 75          | n/a              | 0.01077      | NP Intra (NDs) 1 of 2       |
| Barium (mg/L)      | MW-39       | 0.703             | n/a               | 11/4/2025   | 0.326          | No          | 12          | n/a             | 0           | n/a              | 0.01077      | NP Intra (normality) 1 of 2 |
| Beryllium (mg/L)   | MW-39       | 0.00208           | n/a               | 11/4/2025   | 0.0005ND       | No          | 12          | n/a             | 83.33       | n/a              | 0.01077      | NP Intra (NDs) 1 of 2       |
| Cadmium (mg/L)     | MW-39       | 0.000648          | n/a               | 11/4/2025   | 0.0001ND       | No          | 12          | n/a             | 75          | n/a              | 0.01077      | NP Intra (NDs) 1 of 2       |
| Chromium (mg/L)    | MW-39       | 0.01075           | n/a               | 11/4/2025   | 0.00194J       | No          | 12          | n/a             | 50          | sqrt(x)          | 0.001097     | Param Intra 1 of 2          |
| Cobalt (mg/L)      | MW-39       | 0.01093           | n/a               | 11/4/2025   | 0.00397        | No          | 12          | n/a             | 0           | No               | 0.001097     | Param Intra 1 of 2          |
| Copper (mg/L)      | MW-39       | 0.0135            | n/a               | 11/4/2025   | 0.0025ND       | No          | 12          | n/a             | 75          | n/a              | 0.01077      | NP Intra (NDs) 1 of 2       |
| Lead (mg/L)        | MW-39       | 0.0176            | n/a               | 11/4/2025   | 0.00025ND      | No          | 12          | n/a             | 8.333       | n/a              | 0.01077      | NP Intra (normality) 1 of 2 |
| Nickel (mg/L)      | MW-39       | 0.0227            | n/a               | 11/4/2025   | 0.0025ND       | No          | 12          | n/a             | 66.67       | n/a              | 0.01077      | NP Intra (NDs) 1 of 2       |
| Selenium (mg/L)    | MW-39       | 0.0025            | n/a               | 11/4/2025   | 0.0025ND       | No          | 12          | n/a             | 83.33       | n/a              | 0.01077      | NP Intra (NDs) 1 of 2       |
| Vanadium (mg/L)    | MW-39       | 0.0314            | n/a               | 11/4/2025   | 0.0025ND       | No          | 12          | n/a             | 41.67       | n/a              | 0.01077      | NP Intra (normality) 1 of 2 |
| Zinc (mg/L)        | MW-39       | 0.0755            | n/a               | 11/4/2025   | 0.01ND         | No          | 12          | n/a             | 75          | n/a              | 0.01077      | NP Intra (NDs) 1 of 2       |

Within Limit

## Prediction Limit

Intrawell Non-parametric



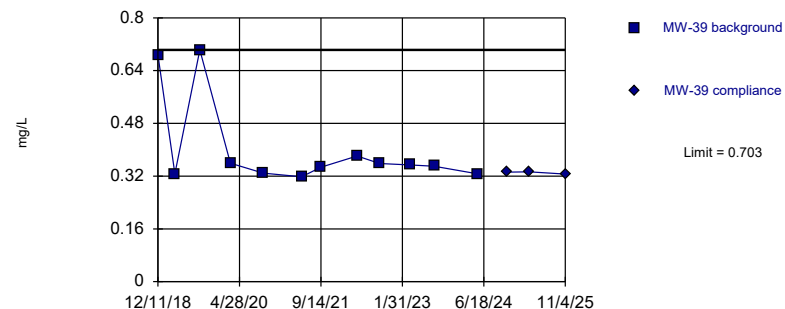
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 12 background values. 75% NDs. Well-constituent pair annual alpha = 0.02143. Individual comparison alpha = 0.01077 (1 of 2).

Constituent: Arsenic Analysis Run 1/16/2026 9:22 AM View: 2025 AWQR Intra PL MW-39  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Within Limit

## Prediction Limit

Intrawell Non-parametric



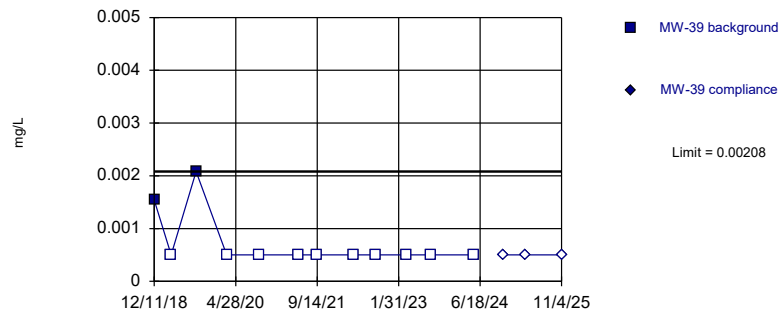
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 12 background values. Well-constituent pair annual alpha = 0.02143. Individual comparison alpha = 0.01077 (1 of 2).

Constituent: Barium Analysis Run 1/16/2026 9:22 AM View: 2025 AWQR Intra PL MW-39  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Within Limit

## Prediction Limit

Intrawell Non-parametric



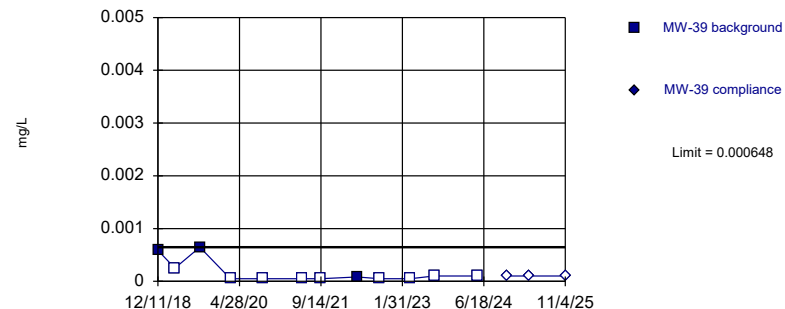
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 12 background values. 83.33% NDs. Well-constituent pair annual alpha = 0.02143. Individual comparison alpha = 0.01077 (1 of 2).

Constituent: Beryllium Analysis Run 1/16/2026 9:22 AM View: 2025 AWQR Intra PL MW-39  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

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 12 background values. 75% NDs. Well-constituent pair annual alpha = 0.02143. Individual comparison alpha = 0.01077 (1 of 2).

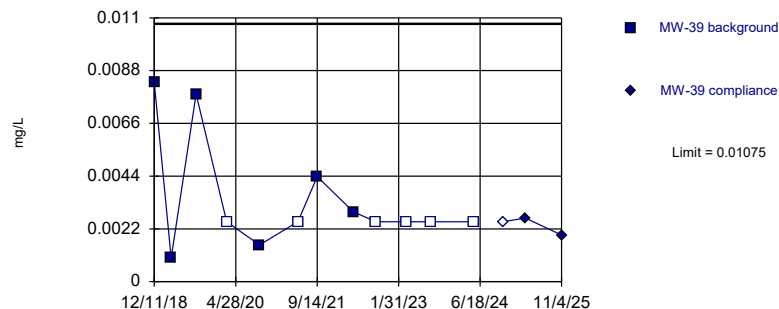
Constituent: Cadmium Analysis Run 1/16/2026 9:23 AM View: 2025 AWQR Intra PL MW-39  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP



Within Limit

## Prediction Limit

Intrawell Parametric



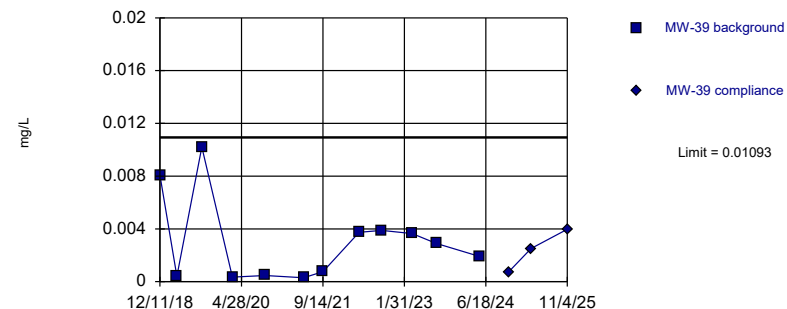
Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=0.05467, Std. Dev.=0.01996, n=12, 50% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8191, critical = 0.805. Kappa = 2.456 (c=12, w=4, 1 of 2, event alpha = 0.05132). Report alpha = 0.001097.

Constituent: Chromium Analysis Run 1/16/2026 9:23 AM View: 2025 AWQR Intra PL MW-39  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Within Limit

## Prediction Limit

Intrawell Parametric



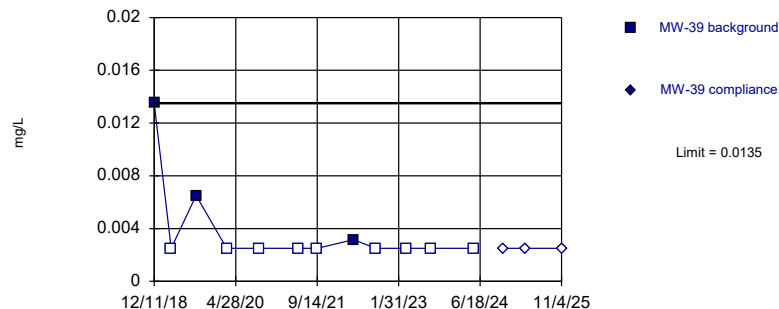
Background Data Summary: Mean=0.003052, Std. Dev.=0.003207, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8194, critical = 0.805. Kappa = 2.456 (c=12, w=4, 1 of 2, event alpha = 0.05132). Report alpha = 0.001097.

Constituent: Cobalt Analysis Run 1/16/2026 9:23 AM View: 2025 AWQR Intra PL MW-39  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Within Limit

## Prediction Limit

Intrawell Non-parametric



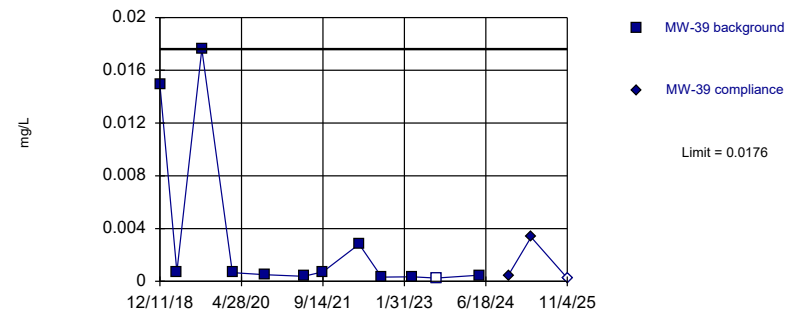
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 12 background values. 75% NDs. Well-constituent pair annual alpha = 0.02143. Individual comparison alpha = 0.01077 (1 of 2).

Constituent: Copper Analysis Run 1/16/2026 9:23 AM View: 2025 AWQR Intra PL MW-39  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Within Limit

## Prediction Limit

Intrawell Non-parametric



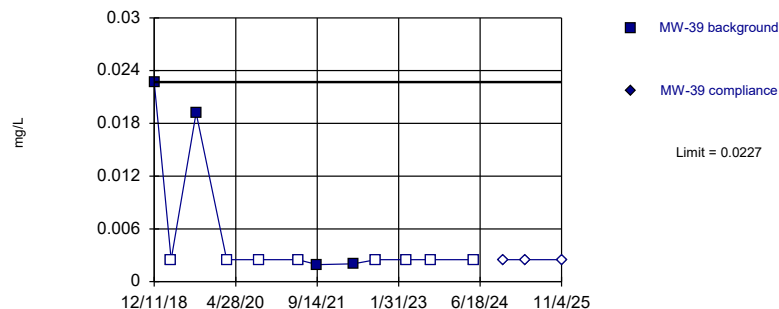
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 12 background values. 8.333% NDs. Well-constituent pair annual alpha = 0.02143. Individual comparison alpha = 0.01077 (1 of 2).

Constituent: Lead Analysis Run 1/16/2026 9:23 AM View: 2025 AWQR Intra PL MW-39  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Within Limit

## Prediction Limit

Intrawell Non-parametric



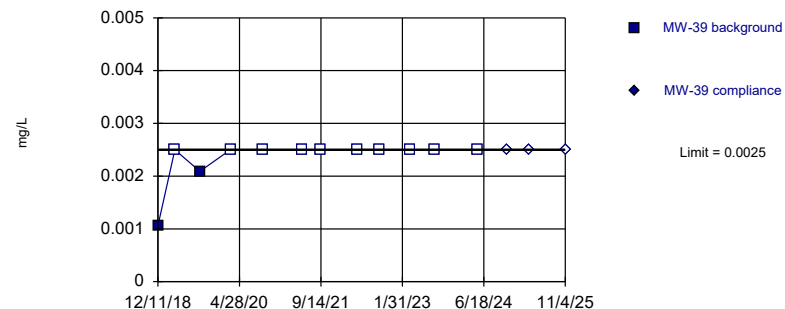
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 12 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.02143. Individual comparison alpha = 0.01077 (1 of 2).

Constituent: Nickel Analysis Run 1/16/2026 9:23 AM View: 2025 AWQR Intra PL MW-39  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Within Limit

## Prediction Limit

Intrawell Non-parametric



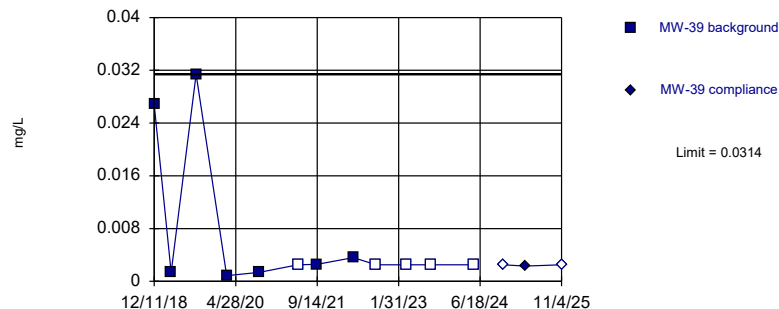
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 12 background values. 83.33% NDs. Well-constituent pair annual alpha = 0.02143. Individual comparison alpha = 0.01077 (1 of 2).

Constituent: Selenium Analysis Run 1/16/2026 9:23 AM View: 2025 AWQR Intra PL MW-39  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Within Limit

## Prediction Limit

Intrawell Non-parametric



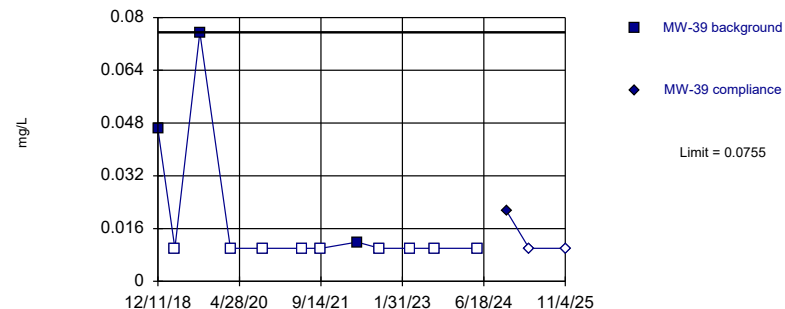
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 12 background values. 41.67% NDs. Well-constituent pair annual alpha = 0.02143. Individual comparison alpha = 0.01077 (1 of 2).

Constituent: Vanadium Analysis Run 1/16/2026 9:23 AM View: 2025 AWQR Intra PL MW-39  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

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 12 background values. 75% NDs. Well-constituent pair annual alpha = 0.02143. Individual comparison alpha = 0.01077 (1 of 2).

Constituent: Zinc Analysis Run 1/16/2026 9:23 AM View: 2025 AWQR Intra PL MW-39  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

# MW-40 BG Prediction Limit

Clinton County SLF

Client: SCS Engineers

Data: CCASW ES Sanitas HMSP

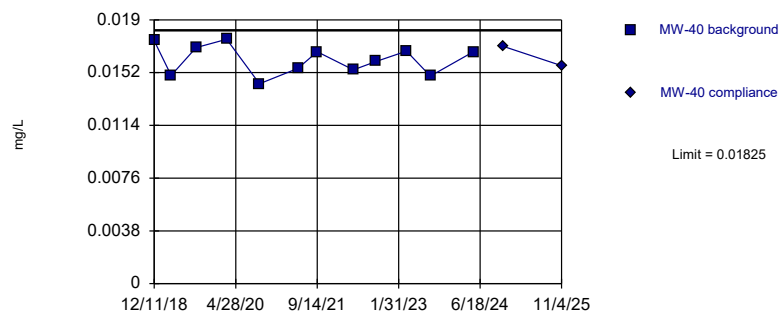
Printed 1/16/2026, 11:57 AM

| <u>Constituent</u>     | <u>Well</u>  | <u>Upper Lim.</u> | <u>Lower Lim.</u> | <u>Date</u>      | <u>Observ.</u> | <u>Sig.</u> | <u>Bg N</u> | <u>Bg Wells</u> | <u>%NDs</u>  | <u>Transform</u> | <u>Alpha</u>   | <u>Method</u>                |
|------------------------|--------------|-------------------|-------------------|------------------|----------------|-------------|-------------|-----------------|--------------|------------------|----------------|------------------------------|
| Barium (mg/L)          | MW-40        | 0.01825           | n/a               | 11/4/2025        | 0.0157         | No          | 12          | n/a             | 0            | No               | 0.003287       | Param Intra 1 of 2           |
| <b>Chromium (mg/L)</b> | <b>MW-40</b> | <b>0.0025</b>     | <b>n/a</b>        | <b>11/4/2025</b> | <b>0.00622</b> | <b>Yes</b>  | <b>12</b>   | <b>n/a</b>      | <b>91.67</b> | <b>n/a</b>       | <b>0.01077</b> | <b>NP Intra (NDs) 1 of 2</b> |
| Cobalt (mg/L)          | MW-40        | 0.00025           | n/a               | 11/4/2025        | 0.000279J      | No          | 12          | n/a             | 91.67        | n/a              | 0.01077        | NP Intra (NDs) 1 of 2        |
| Zinc (mg/L)            | MW-40        | 0.01              | n/a               | 11/4/2025        | 0.01ND         | No          | 12          | n/a             | 91.67        | n/a              | 0.01077        | NP Intra (NDs) 1 of 2        |

Within Limit

## Prediction Limit

Intrawell Parametric



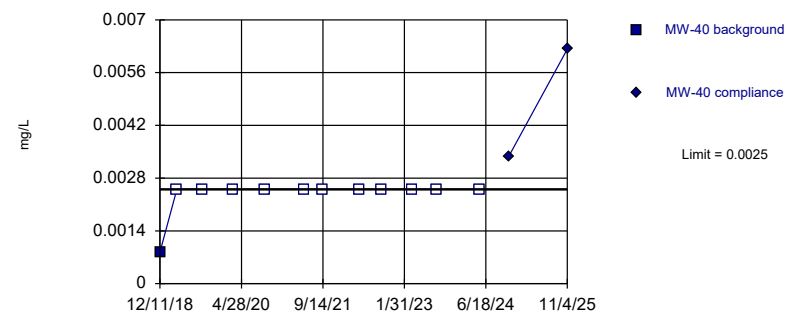
Background Data Summary: Mean=0.01613, Std. Dev.=0.001063, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9378, critical = 0.805. Kappa = 1.997 (c=4, w=4, 1 of 2, event alpha = 0.05132). Report alpha = 0.003287.

Constituent: Barium Analysis Run 1/16/2026 11:55 AM View: 2025 AWQR MW-40 Intra PL  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Exceeds Limit

## Prediction Limit

Intrawell Non-parametric



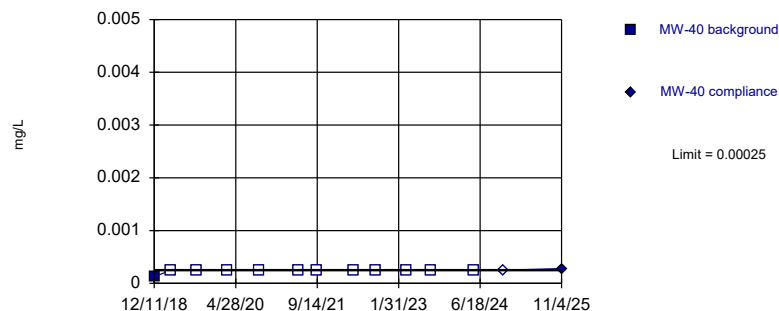
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 12 background values. 91.67% NDs. Well-constituent pair annual alpha = 0.02143. Individual comparison alpha = 0.01077 (1 of 2).

Constituent: Chromium Analysis Run 1/16/2026 11:55 AM View: 2025 AWQR MW-40 Intra PL  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Within Limit

## Prediction Limit

Intrawell Non-parametric



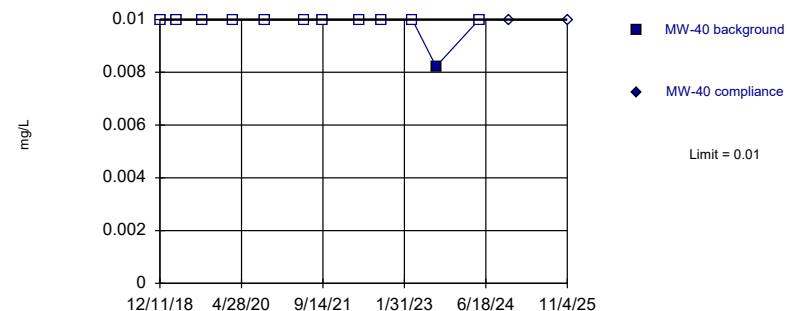
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 12 background values. 91.67% NDs. Well-constituent pair annual alpha = 0.02143. Individual comparison alpha = 0.01077 (1 of 2).

Constituent: Cobalt Analysis Run 1/16/2026 11:55 AM View: 2025 AWQR MW-40 Intra PL  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

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 12 background values. 91.67% NDs. Well-constituent pair annual alpha = 0.02143. Individual comparison alpha = 0.01077 (1 of 2).

Constituent: Zinc Analysis Run 1/16/2026 11:55 AM View: 2025 AWQR MW-40 Intra PL  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

# MW-41 Intra Prediction Limit

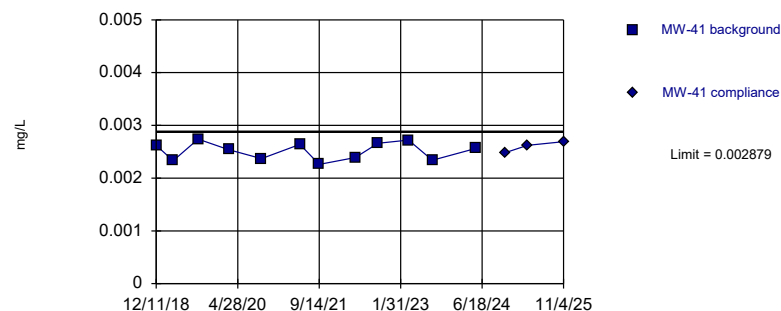
Clinton County SLF   Client: SCS Engineers   Data: CCASW ES Sanitas HMSP   Printed 1/16/2026, 3:07 PM

| <u>Constituent</u> | <u>Well</u> | <u>Upper Lim.</u> | <u>Lower Lim.</u> | <u>Date</u> | <u>Observ.</u> | <u>Sig.</u> | <u>Bg N</u> | <u>Bg Wells</u> | <u>%NDs</u> | <u>Transform</u> | <u>Alpha</u> | <u>Method</u>         |
|--------------------|-------------|-------------------|-------------------|-------------|----------------|-------------|-------------|-----------------|-------------|------------------|--------------|-----------------------|
| Arsenic (mg/L)     | MW-41       | 0.002879          | n/a               | 11/4/2025   | 0.00269        | No          | 12          | n/a             | 0           | No               | 0.002193     | Param Intra 1 of 2    |
| Barium (mg/L)      | MW-41       | 0.178             | n/a               | 11/4/2025   | 0.154          | No          | 12          | n/a             | 0           | No               | 0.002193     | Param Intra 1 of 2    |
| Cadmium (mg/L)     | MW-41       | 0.00025           | n/a               | 11/4/2025   | 0.0001ND       | No          | 12          | n/a             | 83.33       | n/a              | 0.01077      | NP Intra (NDs) 1 of 2 |
| Chromium (mg/L)    | MW-41       | 0.0043            | n/a               | 11/4/2025   | 0.00317J       | No          | 12          | n/a             | 83.33       | n/a              | 0.01077      | NP Intra (NDs) 1 of 2 |
| Cobalt (mg/L)      | MW-41       | 0.000543          | n/a               | 11/4/2025   | 0.00046J       | No          | 12          | n/a             | 0           | No               | 0.002193     | Param Intra 1 of 2    |
| Lead (mg/L)        | MW-41       | 0.000869          | n/a               | 11/4/2025   | 0.00025ND      | No          | 12          | n/a             | 58.33       | n/a              | 0.01077      | NP Intra (NDs) 1 of 2 |

Within Limit

## Prediction Limit

Intrawell Parametric



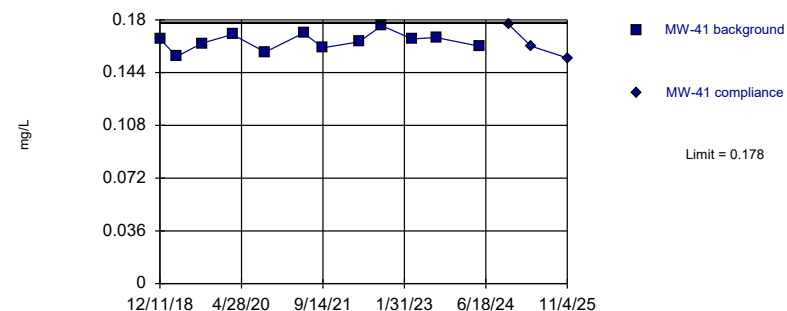
Background Data Summary: Mean=0.002514, Std. Dev.=0.0001677, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9152, critical = 0.805. Kappa = 2.176 (c=6, w=4, 1 of 2, event alpha = 0.05132). Report alpha = 0.002193.

Constituent: Arsenic Analysis Run 1/16/2026 3:05 PM View: 2025 AWQR MW-41 Intra PL  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Within Limit

## Prediction Limit

Intrawell Parametric



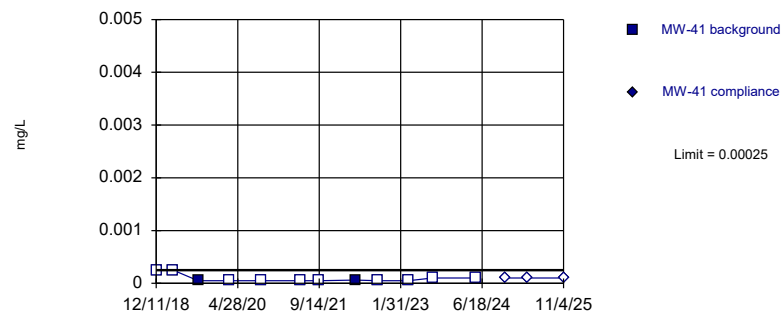
Background Data Summary: Mean=0.1653, Std. Dev.=0.005821, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9914, critical = 0.805. Kappa = 2.176 (c=6, w=4, 1 of 2, event alpha = 0.05132). Report alpha = 0.002193.

Constituent: Barium Analysis Run 1/16/2026 3:05 PM View: 2025 AWQR MW-41 Intra PL  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Within Limit

## Prediction Limit

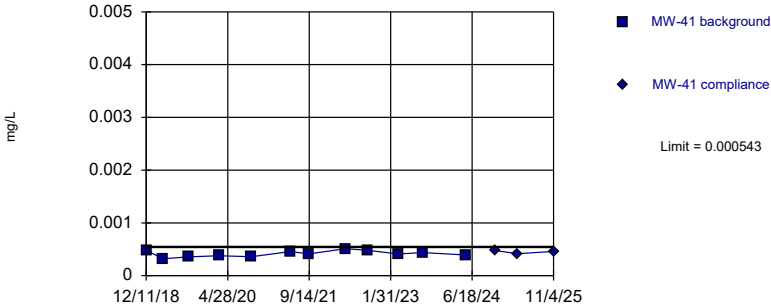
Intrawell Non-parametric



Non-param

Within Limit

Prediction Limit  
Intrawell Parametric

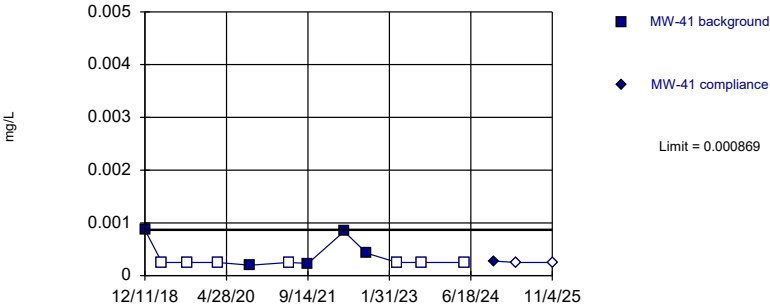


Background Data Summary: Mean=0.0004158, Std. Dev.=0.00005846, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9712, critical = 0.805. Kappa = 2.176 (c=6, w=4, 1 of 2, event alpha = 0.05132). Report alpha = 0.002193.

Constituent: Cobalt Analysis Run 1/16/2026 3:05 PM View: 2025 AWQR MW-41 Intra PL  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

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 12 background values. 58.33% NDs. Well-constituent pair annual alpha = 0.02143. Individual comparison alpha = 0.01077 (1 of 2).

Constituent: Lead Analysis Run 1/16/2026 3:05 PM View: 2025 AWQR MW-41 Intra PL  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

# MW-42 Intra Prediction Limit

Clinton County SLF   Client: SCS Engineers   Data: CCASW ES Sanitas HMSP   Printed 1/16/2026, 3:32 PM

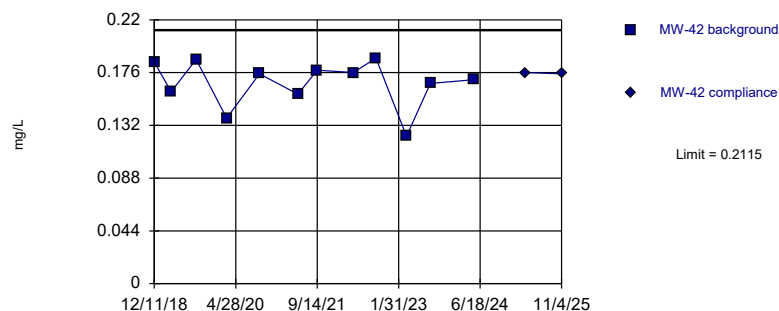
| <u>Constituent</u> | <u>Well</u> | <u>Upper Lim.</u> | <u>Lower Lim.</u> | <u>Date</u> | <u>Observ.</u> | <u>Sig.</u> | <u>Bg N</u> | <u>Bg Wells</u> | <u>%NDs</u> | <u>Transform</u> | <u>Alpha</u> | <u>Method</u>         |
|--------------------|-------------|-------------------|-------------------|-------------|----------------|-------------|-------------|-----------------|-------------|------------------|--------------|-----------------------|
| Barium (mg/L)      | MW-42       | 0.2115            | n/a               | 11/4/2025   | 0.175          | No          | 12          | n/a             | 0           | No               | 0.00188      | Param Intra 1 of 2    |
| Chromium (mg/L)    | MW-42       | 0.0025            | n/a               | 11/4/2025   | 0.00331J       | No          | 12          | n/a             | 91.67       | n/a              | 0.01077      | NP Intra (NDs) 1 of 2 |
| Cobalt (mg/L)      | MW-42       | 0.000331          | n/a               | 11/4/2025   | 0.000216J      | No          | 12          | n/a             | 58.33       | n/a              | 0.01077      | NP Intra (NDs) 1 of 2 |
| Lead (mg/L)        | MW-42       | 0.00115           | n/a               | 11/4/2025   | 0.00025ND      | No          | 12          | n/a             | 75          | n/a              | 0.01077      | NP Intra (NDs) 1 of 2 |
| Nickel (mg/L)      | MW-42       | 0.0025            | n/a               | 11/4/2025   | 0.0025ND       | No          | 12          | n/a             | 91.67       | n/a              | 0.01077      | NP Intra (NDs) 1 of 2 |
| Selenium (mg/L)    | MW-42       | 0.00271           | n/a               | 11/4/2025   | 0.00159J       | No          | 12          | n/a             | 8.333       | No               | 0.00188      | Param Intra 1 of 2    |
| Vanadium (mg/L)    | MW-42       | 0.0025            | n/a               | 11/4/2025   | 0.0025ND       | No          | 12          | n/a             | 91.67       | n/a              | 0.01077      | NP Intra (NDs) 1 of 2 |



Within Limit

## Prediction Limit

Intrawell Parametric



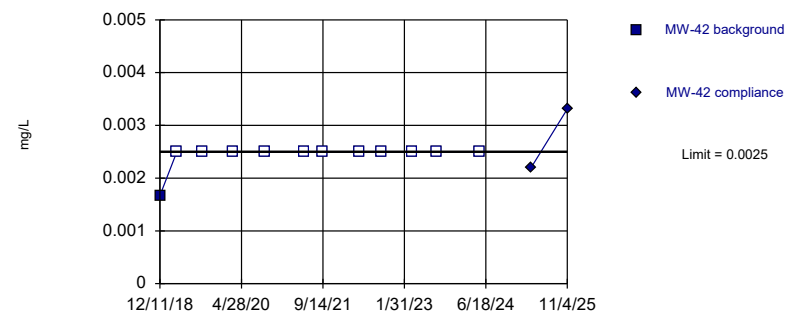
Background Data Summary: Mean=0.1671, Std. Dev.=0.01988, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8858, critical = 0.805. Kappa = 2.232 (c=7, w=4, 1 of 2, event alpha = 0.05132). Report alpha = 0.00188.

Constituent: Barium Analysis Run 1/16/2026 3:29 PM View: 2025 AWQR MW-42 Intra PL  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Within Limit

## Prediction Limit

Intrawell Non-parametric



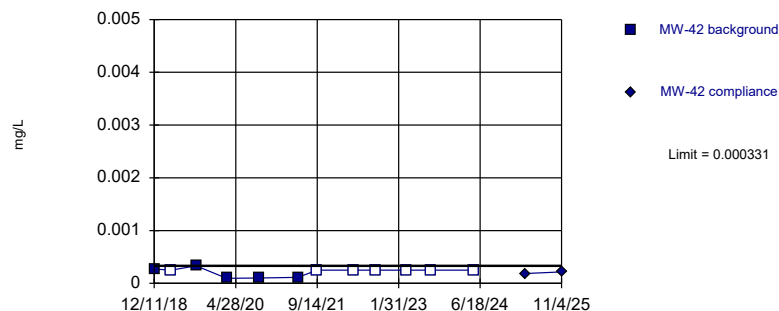
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 12 background values. 91.67% NDs. Well-constituent pair annual alpha = 0.02143. Individual comparison alpha = 0.01077 (1 of 2).

Constituent: Chromium Analysis Run 1/16/2026 3:29 PM View: 2025 AWQR MW-42 Intra PL  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Within Limit

## Prediction Limit

Intrawell Non-parametric



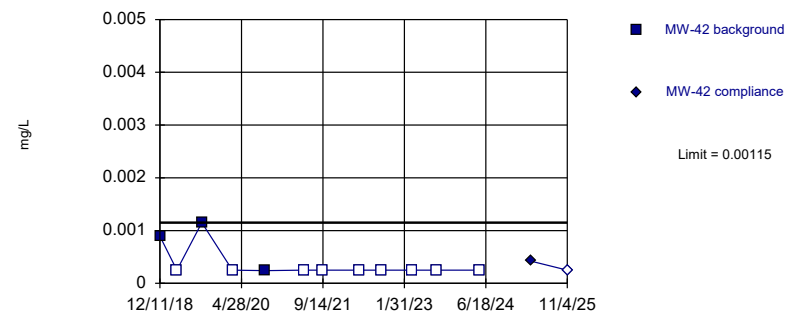
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 12 background values. 58.33% NDs. Well-constituent pair annual alpha = 0.02143. Individual comparison alpha = 0.01077 (1 of 2).

Constituent: Cobalt Analysis Run 1/16/2026 3:29 PM View: 2025 AWQR MW-42 Intra PL  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Within Limit

## Prediction Limit

Intrawell Non-parametric

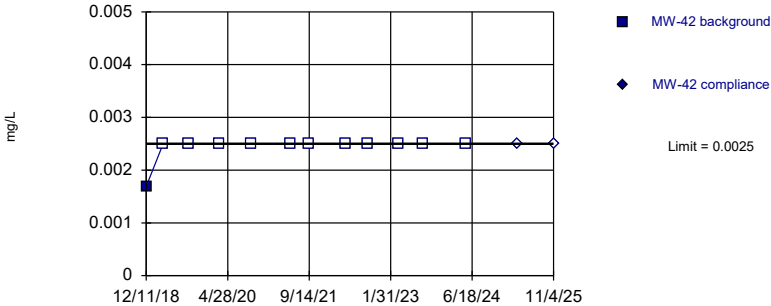


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 12 background values. 75% NDs. Well-constituent pair annual alpha = 0.02143. Individual comparison alpha = 0.01077 (1 of 2).

Constituent: Lead Analysis Run 1/16/2026 3:29 PM View: 2025 AWQR MW-42 Intra PL  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Within Limit

Prediction Limit  
Intrawell Non-parametric

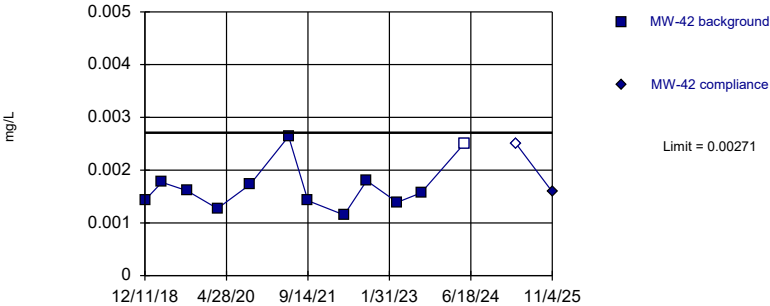


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 12 background values. 91.67% NDs. Well-constituent pair annual alpha = 0.02143. Individual comparison alpha = 0.01077 (1 of 2).

Constituent: Nickel Analysis Run 1/16/2026 3:29 PM View: 2025 AWQR MW-42 Intra PL  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

Within Limit

Prediction Limit  
Intrawell Parametric

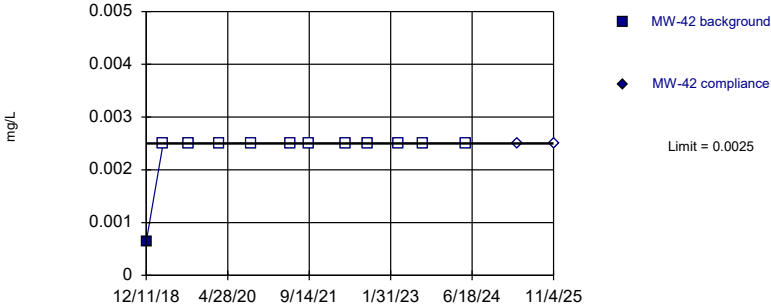


Background Data Summary: Mean=0.00169, Std. Dev.=0.0004571, n=12, 8.333% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8595, critical = 0.805. Kappa = 2.232 (c=7, w=4, 1 of 2, event alpha = 0.05132). Report alpha = 0.00188.

Constituent: Nickel Analysis Run 1/16/2026 3:29 PM View: 2025 AWQR MW-42 Intra PL  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

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 12 background values. 91.67% NDs. Well-constituent pair annual alpha = 0.02143. Individual comparison alpha = 0.01077 (1 of 2).

Constituent: Vanadium Analysis Run 1/16/2026 3:29 PM View: 2025 AWQR MW-42 Intra PL  
Clinton County SLF Client: SCS Engineers Data: CCASW ES Sanitas HMSP

## Mann-Kendall Summary Table

### Water Table Aquifer

# Trend Test

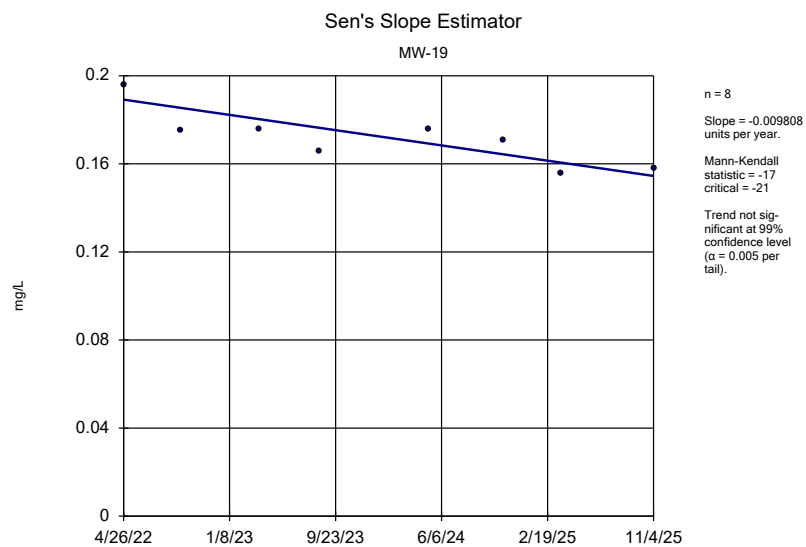
Clinton County SLF

Client: SCS Engineers

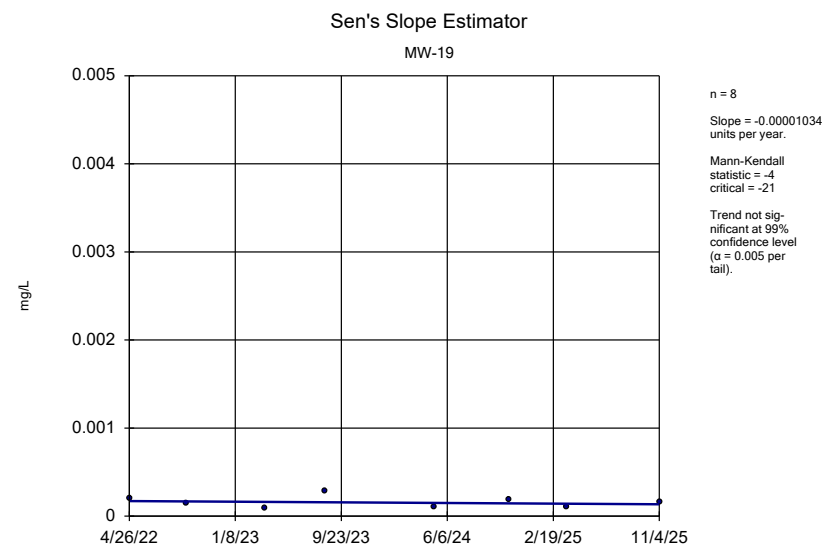
Data: CCASW\_AM\_2025\_AWQR

Printed 1/15/2026, 2:08 PM

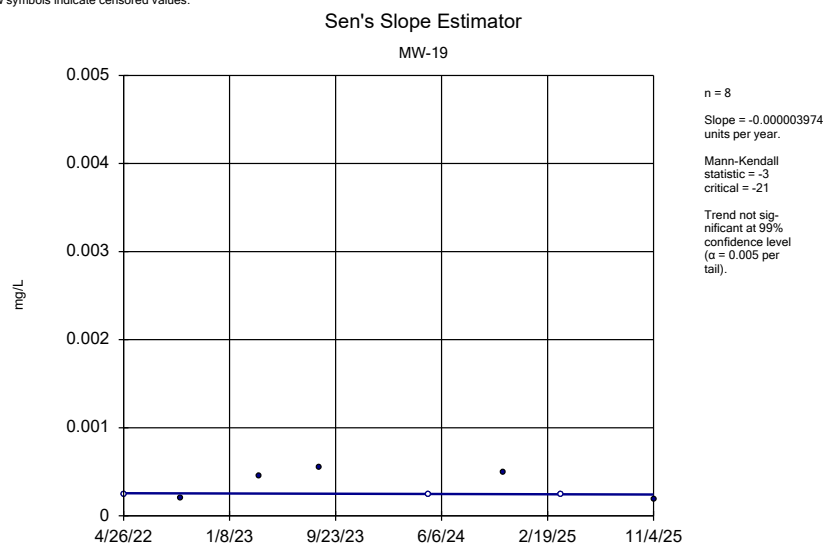
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|--------------------|-------------|--------------|--------------|-----------------|-------------|----------|-------------|--------------|---------------|
| Barium (mg/L)      | MW-19       | -0.009808    | -17          | -21             | No          | 8        | 0           | 0.01         | NP            |
| Cadmium (mg/L)     | MW-19       | -0.00001034  | -4           | -21             | No          | 8        | 0           | 0.01         | NP            |
| Cobalt (mg/L)      | MW-19       | -0.000003974 | -3           | -21             | No          | 8        | 37.5        | 0.01         | NP            |
| Lead (mg/L)        | MW-19       | 0            | 1            | 21              | No          | 8        | 37.5        | 0.01         | NP            |
| Nickel (mg/L)      | MW-19       | -0.000898    | -8           | -21             | No          | 8        | 12.5        | 0.01         | NP            |
| Silver (mg/L)      | MW-19       | 0            | -5           | -21             | No          | 8        | 87.5        | 0.01         | NP            |
| Thallium (mg/L)    | MW-19       | 0            | 3            | 21              | No          | 8        | 75          | 0.01         | NP            |



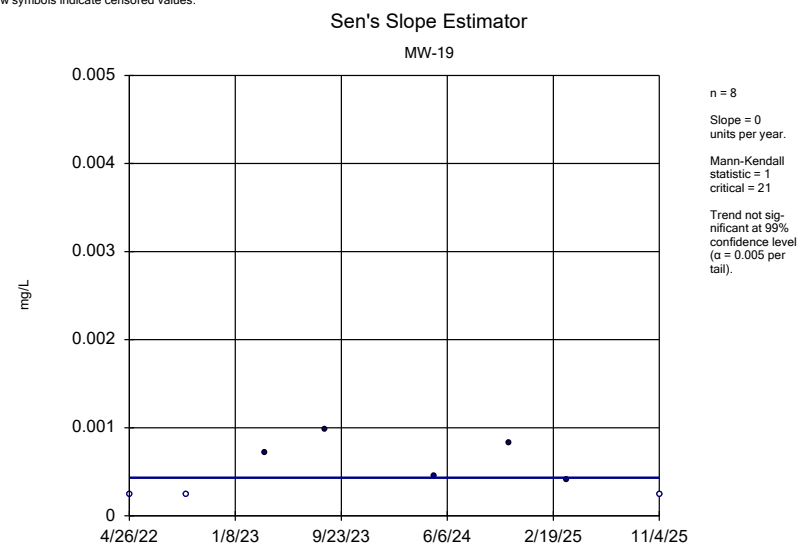
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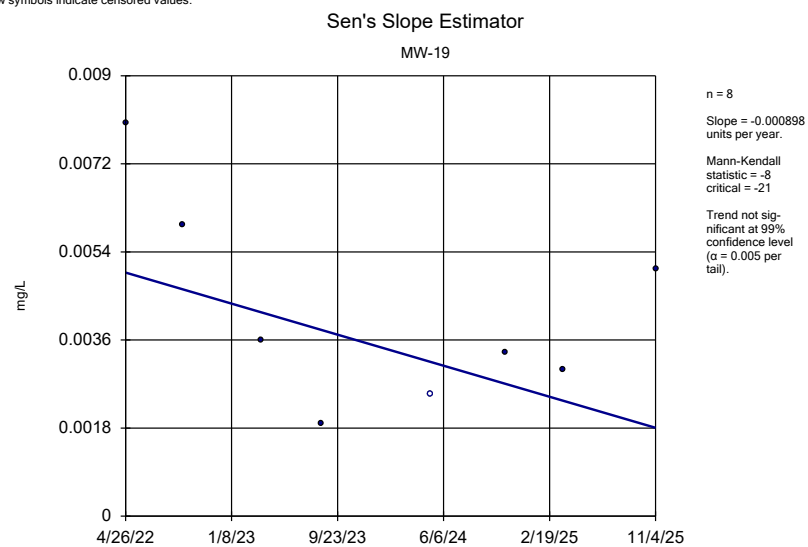
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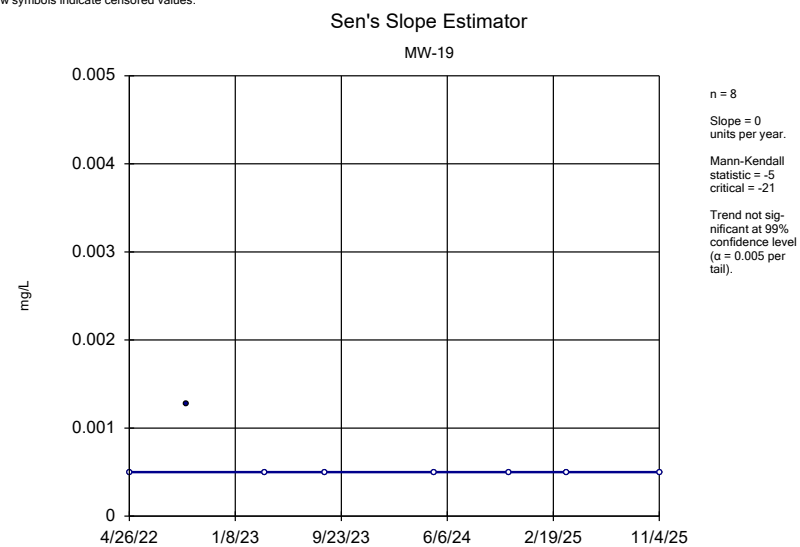
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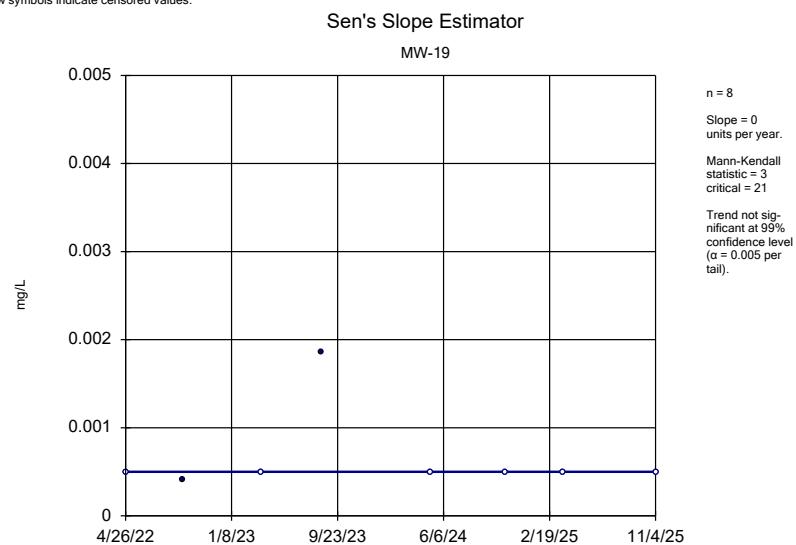
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Constituent: Nickel Analysis Run 1/15/2026 2:06 PM View: 2025\_AWQR-Mann\_Kendall  
Clinton County SLF Client: SCS Engineers Data: CCASW\_AM\_2025\_AWQR



Constituent: Silver Analysis Run 1/15/2026 2:06 PM View: 2025\_AWQR-Mann\_Kendall  
Clinton County SLF Client: SCS Engineers Data: CCASW\_AM\_2025\_AWQR



Constituent: Thallium Analysis Run 1/15/2026 2:06 PM View: 2025\_AWQR-Mann\_Kendall  
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## Confidence Interval Summary Table

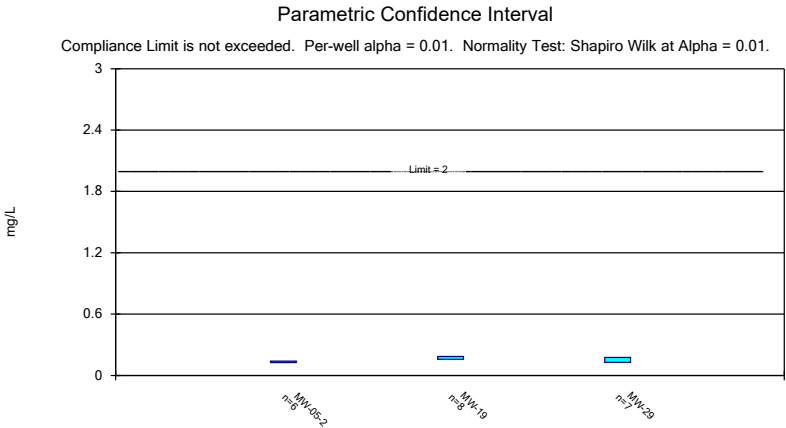
### Water Table Aquifer

# Confidence Interval

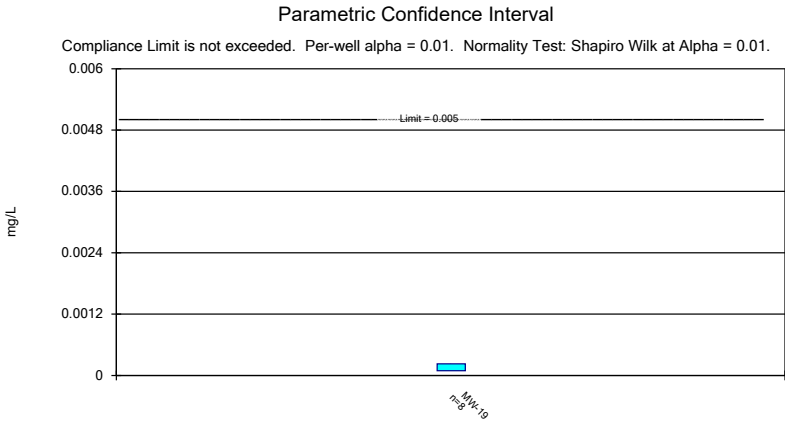
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| <u>Constituent</u> | <u>Well</u> | <u>Upper Lim.</u> | <u>Lower Lim.</u> | <u>Compliance</u> | <u>Sig.</u> | <u>N</u> | <u>%NDs</u> | <u>Transform</u> | <u>Alpha</u> | <u>Method</u>  |
|--------------------|-------------|-------------------|-------------------|-------------------|-------------|----------|-------------|------------------|--------------|----------------|
| Barium (mg/L)      | MW-05-2     | 0.1395            | 0.126             | 2                 | No          | 6        | 0           | No               | 0.01         | Param.         |
| Barium (mg/L)      | MW-19       | 0.185             | 0.1582            | 2                 | No          | 8        | 0           | No               | 0.01         | Param.         |
| Barium (mg/L)      | MW-29       | 0.1764            | 0.1279            | 2                 | No          | 7        | 0           | No               | 0.01         | Param.         |
| Cadmium (mg/L)     | MW-19       | 0.0002257         | 0.00009277        | 0.005             | No          | 8        | 0           | No               | 0.01         | Param.         |
| Chromium (mg/L)    | MW-29       | 0.005951          | 0.001966          | 0.1               | No          | 7        | 0           | No               | 0.01         | Param.         |
| Cobalt (mg/L)      | MW-19       | 0.000523          | 0.000203          | 0.0021            | No          | 8        | 37.5        | No               | 0.01         | Param.         |
| Cobalt (mg/L)      | MW-28       | 0.0004343         | 0.0001364         | 0.0021            | No          | 8        | 12.5        | No               | 0.01         | Param.         |
| Cobalt (mg/L)      | MW-29       | 0.000881          | 0.000191          | 0.0021            | No          | 8        | 25          | No               | 0.004        | NP (normality) |
| Lead (mg/L)        | MW-05-2     | 0.000806          | 0.00025           | 0.015             | No          | 6        | 83.33       | No               | 0.0155       | NP (NDs)       |
| Lead (mg/L)        | MW-19       | 0.0008098         | 0.0003644         | 0.015             | No          | 8        | 37.5        | No               | 0.01         | Param.         |
| Lead (mg/L)        | MW-29       | 0.00139           | 0.00025           | 0.015             | No          | 7        | 57.14       | No               | 0.008        | NP (NDs)       |
| Nickel (mg/L)      | MW-19       | 0.006341          | 0.002007          | 0.1               | No          | 8        | 12.5        | No               | 0.01         | Param.         |
| Silver (mg/L)      | MW-05-2     | 0.00119           | 0.0005            | 0.1               | No          | 6        | 83.33       | No               | 0.0155       | NP (NDs)       |
| Silver (mg/L)      | MW-19       | 0.00128           | 0.0005            | 0.1               | No          | 8        | 87.5        | No               | 0.004        | NP (NDs)       |
| Thallium (mg/L)    | MW-19       | 0.00186           | 0.000414          | 0.002             | No          | 8        | 75          | No               | 0.004        | NP (NDs)       |

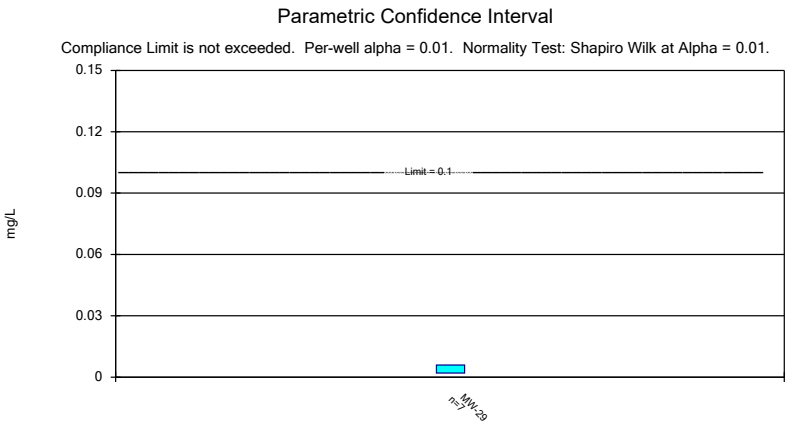




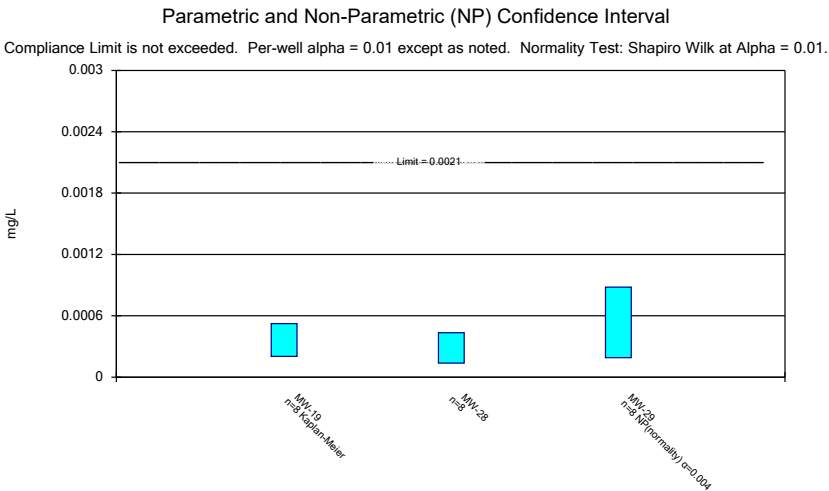
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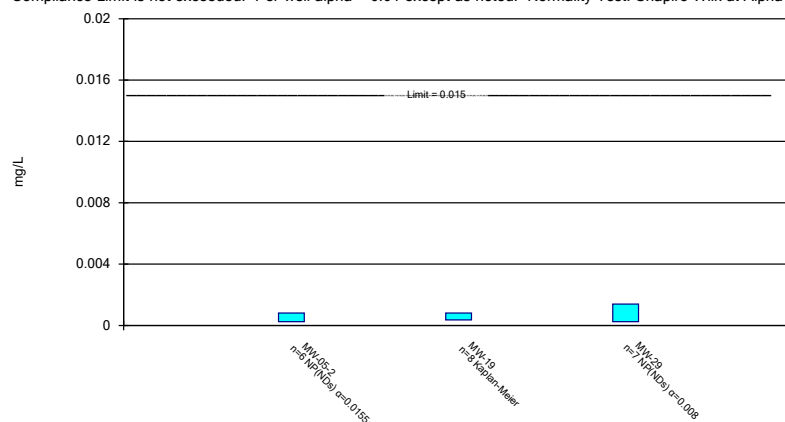
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Constituent: Cobalt    Analysis Run 1/15/2026 2:45 PM    View: 2025\_AWQR-Confidence\_Interval  
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## Parametric and Non-Parametric (NP) Confidence Interval

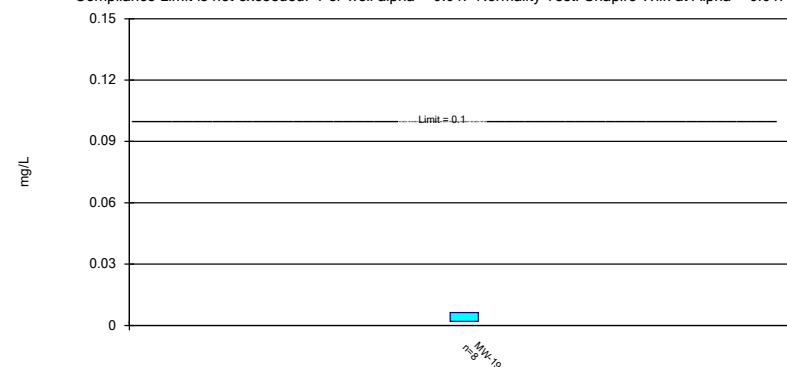
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## Parametric Confidence Interval

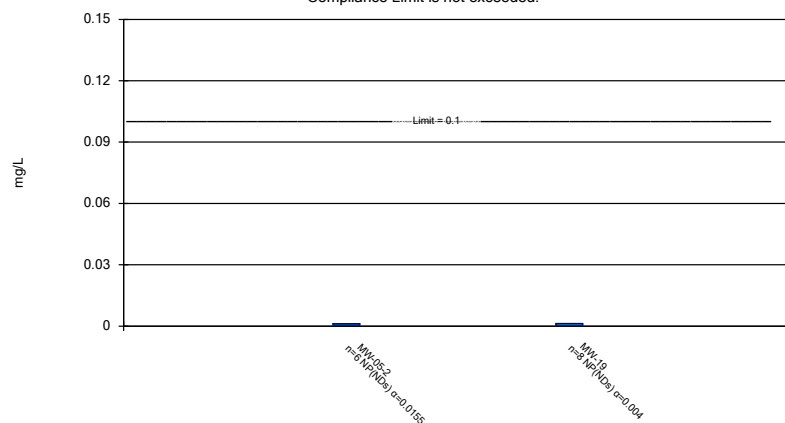
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Constituent: Nickel Analysis Run 1/15/2026 2:45 PM View: 2025\_AWQR-Confidence\_Interval  
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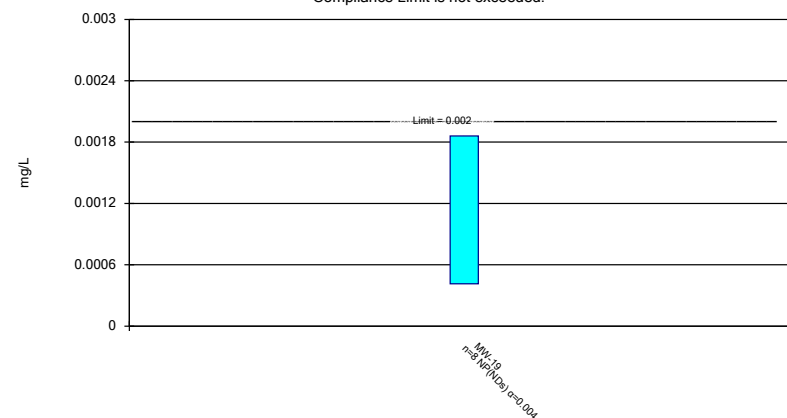
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## Non-Parametric Confidence Interval

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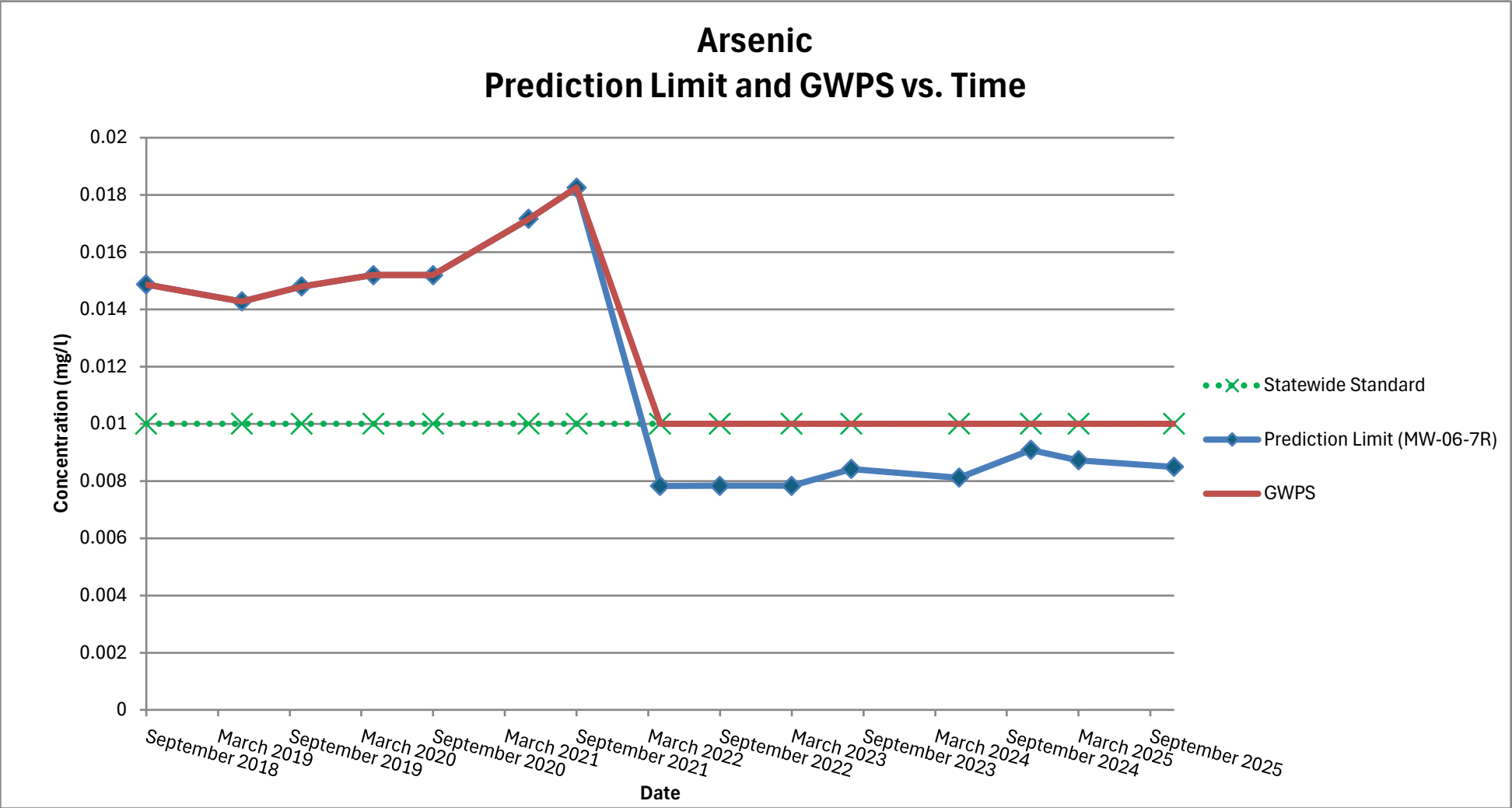
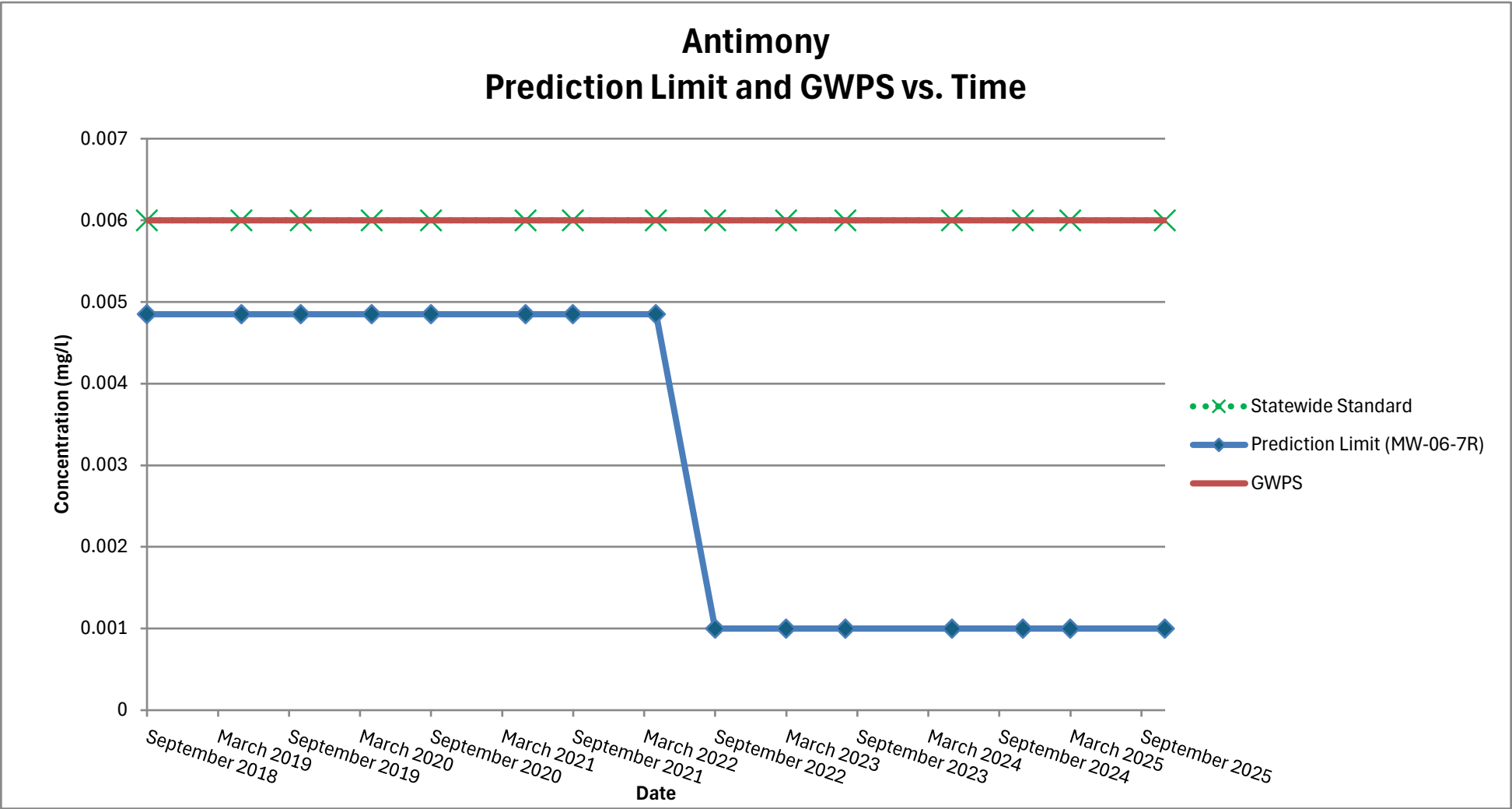


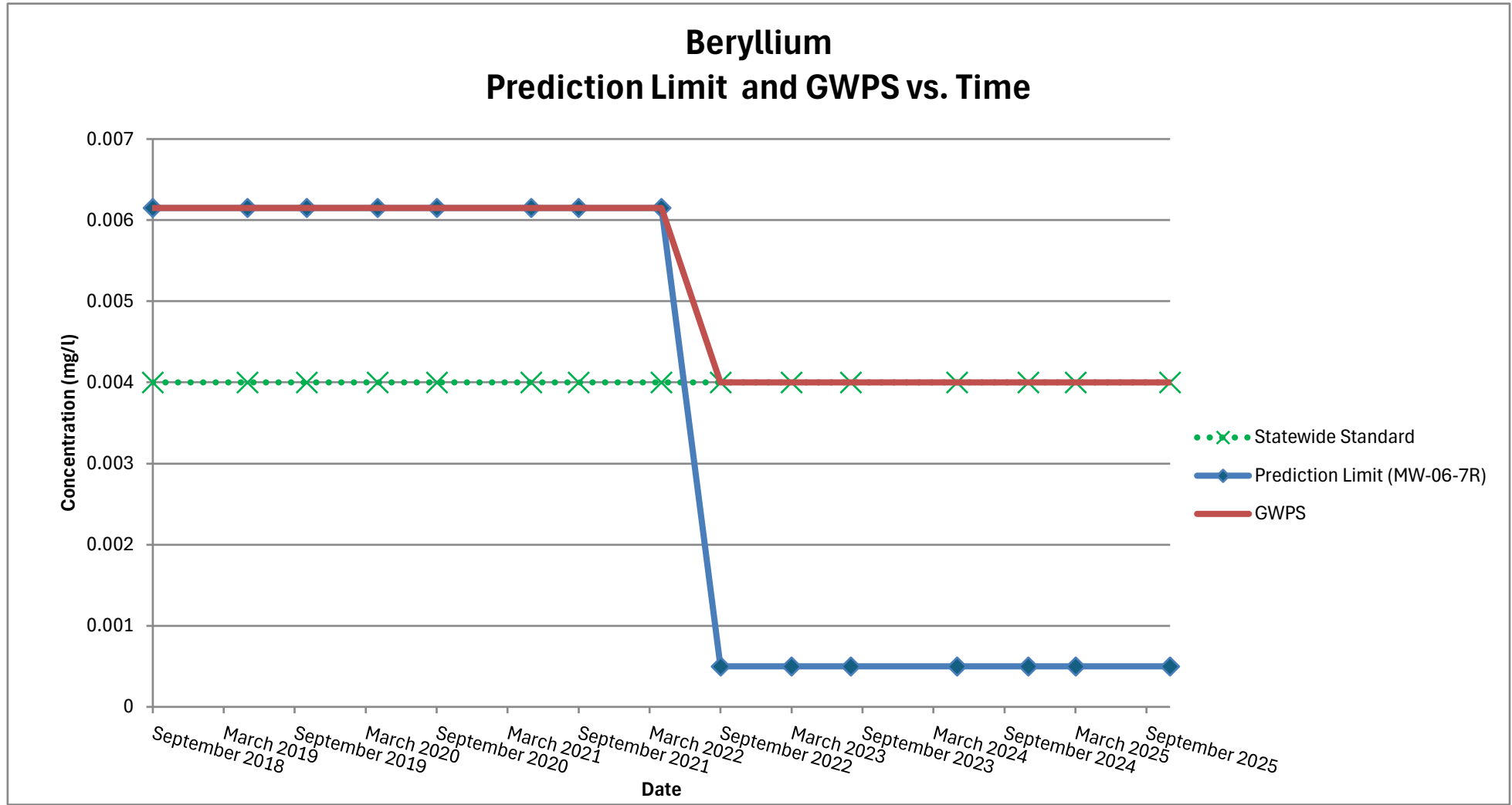
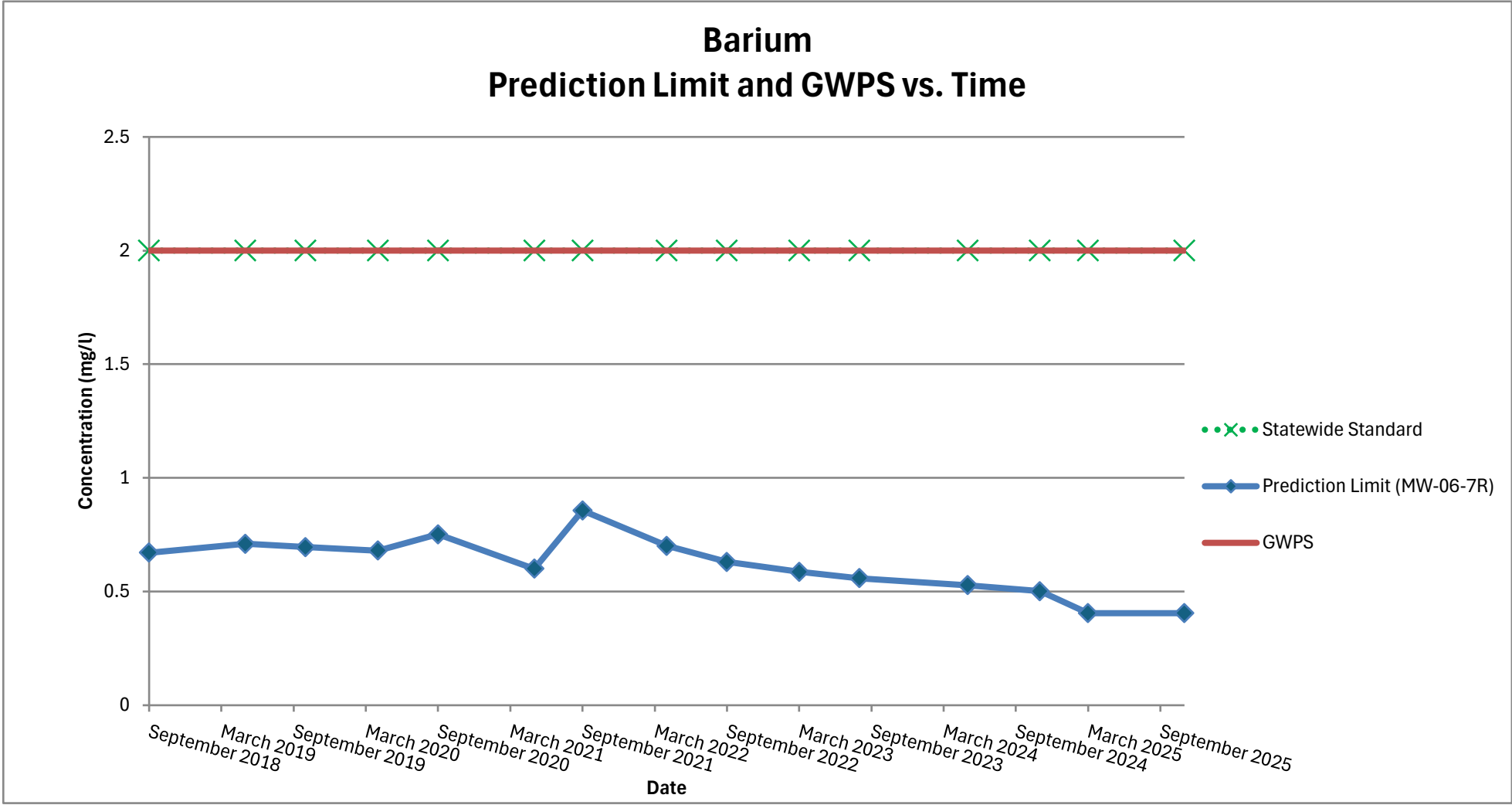
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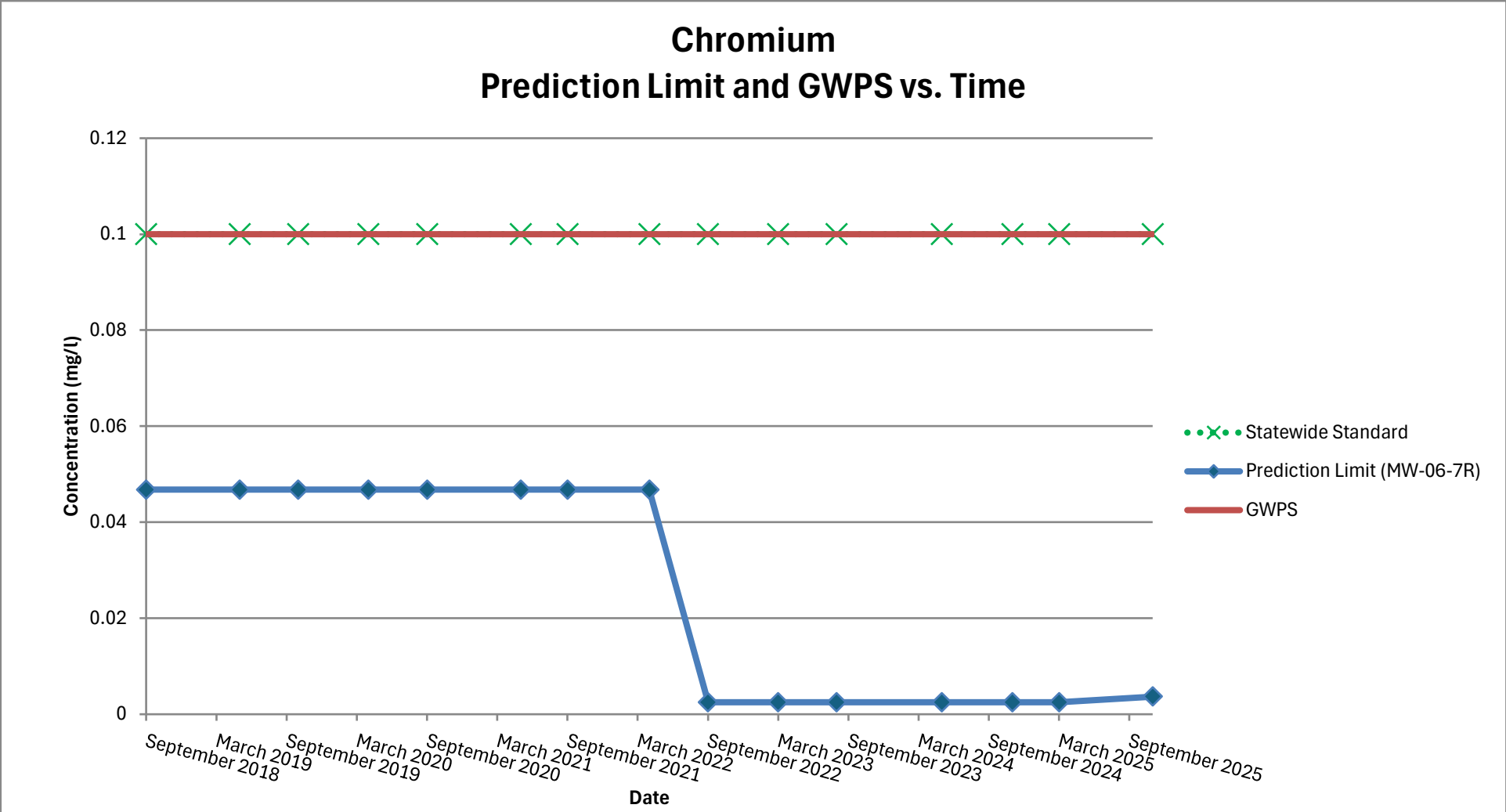
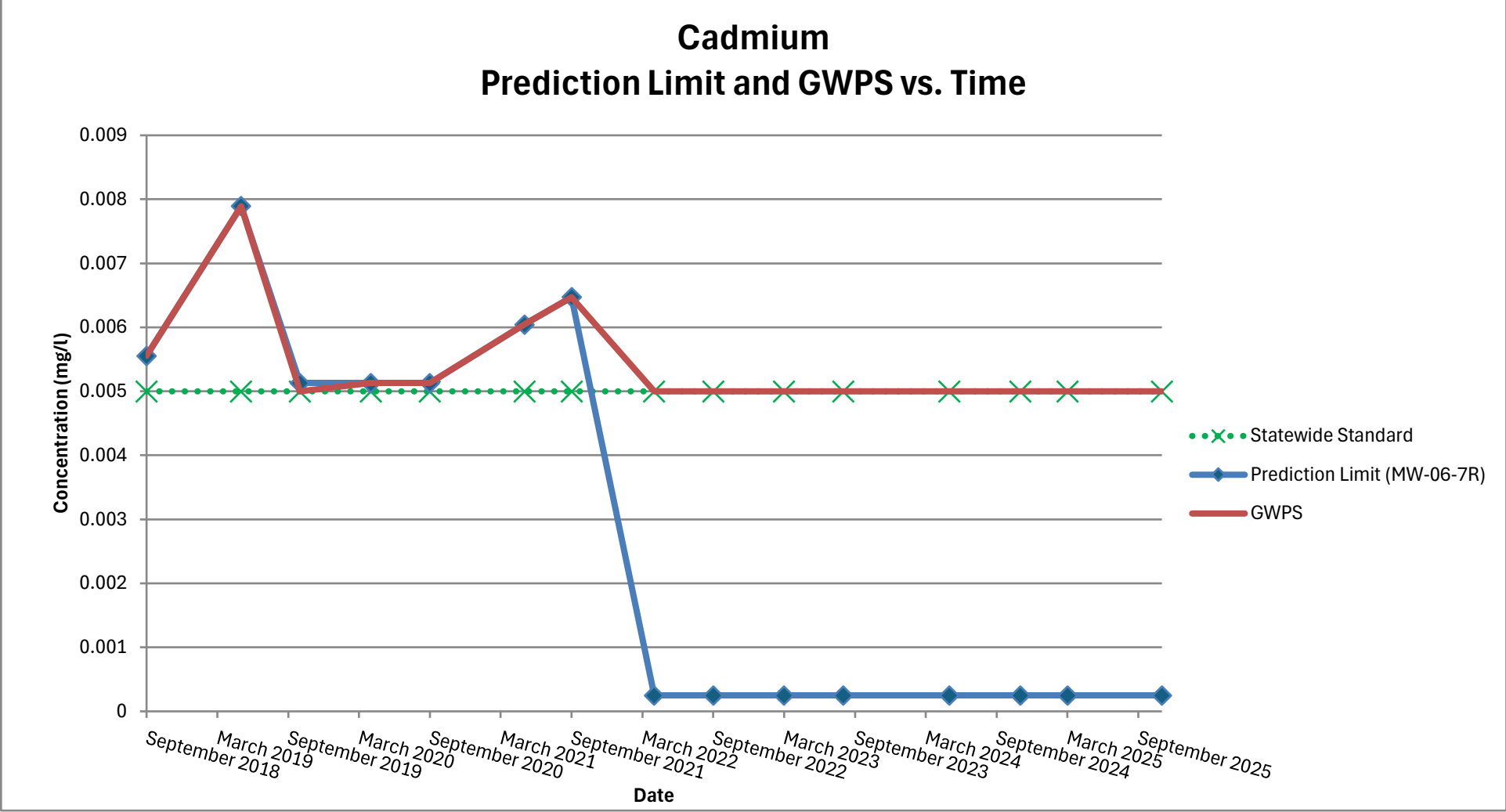


## Appendix E

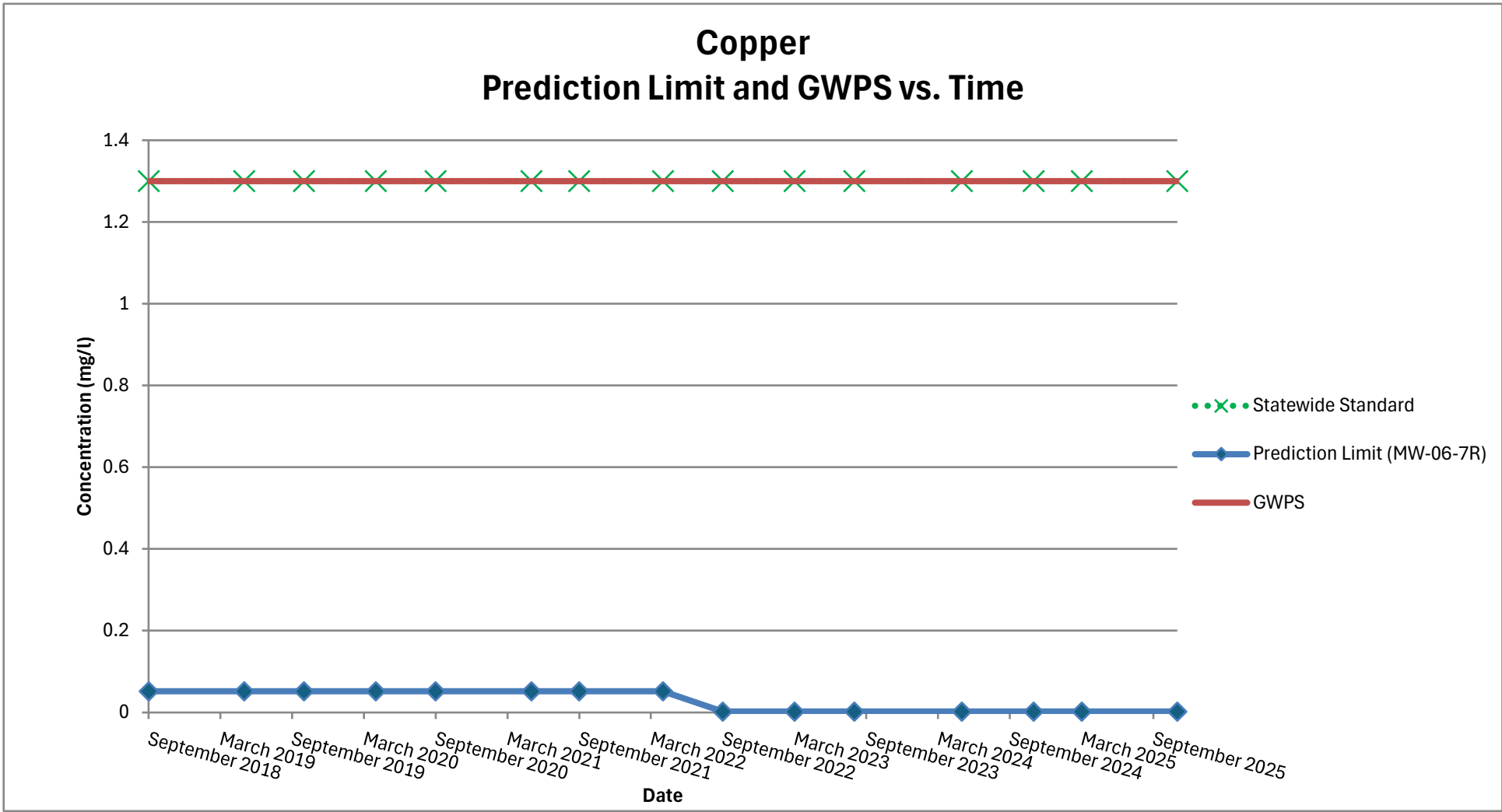
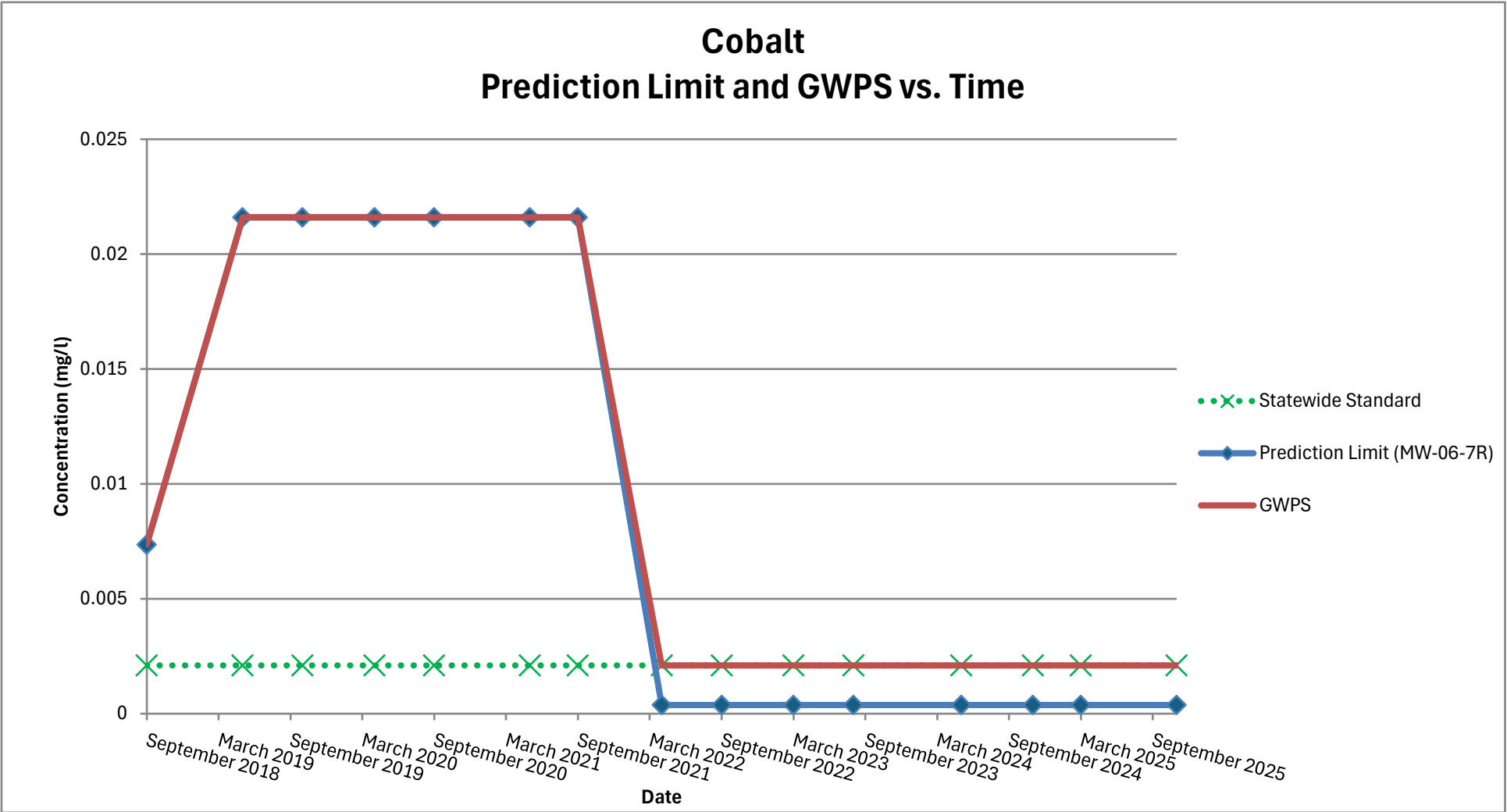
### Standards History Graphs

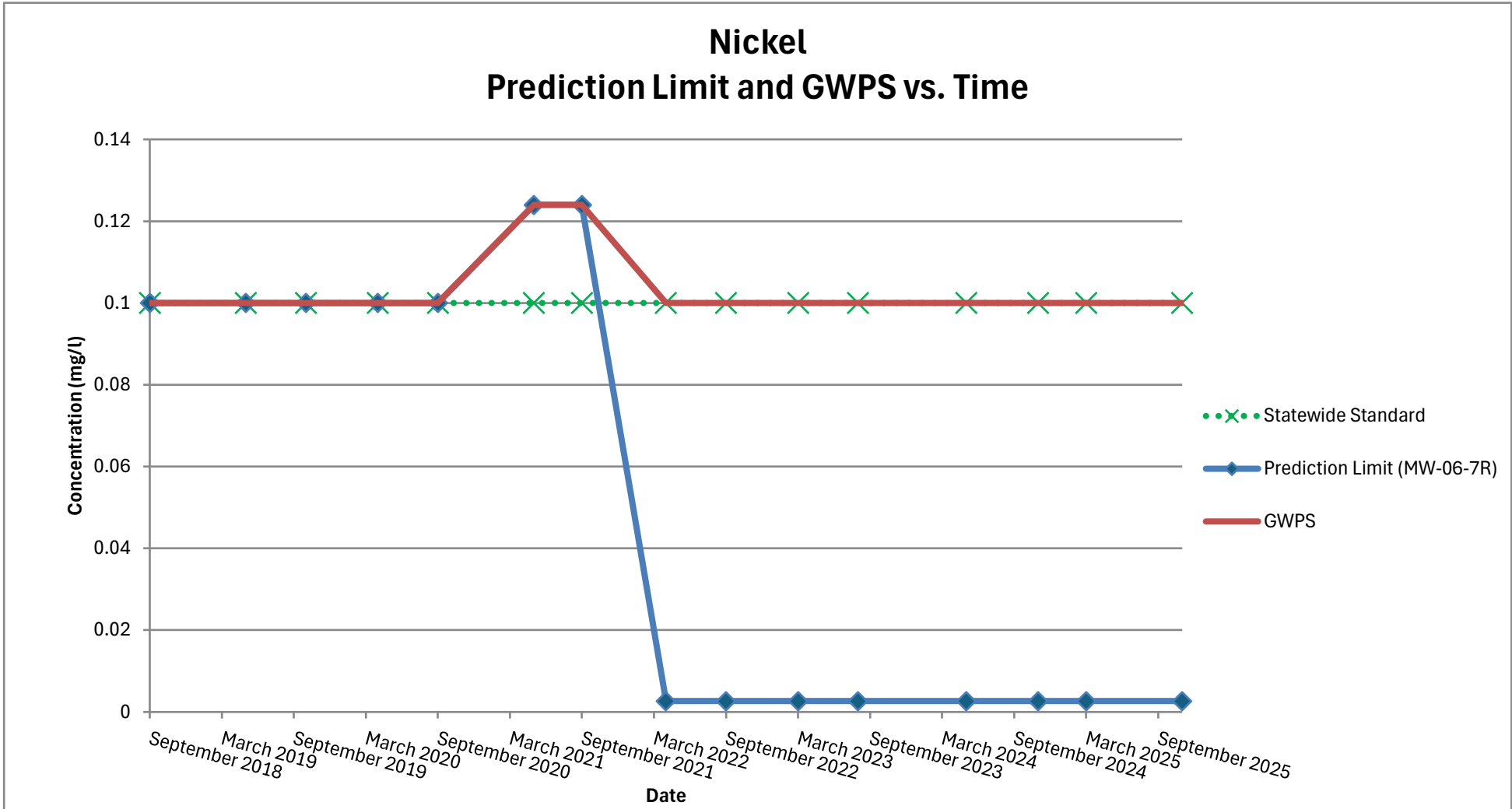
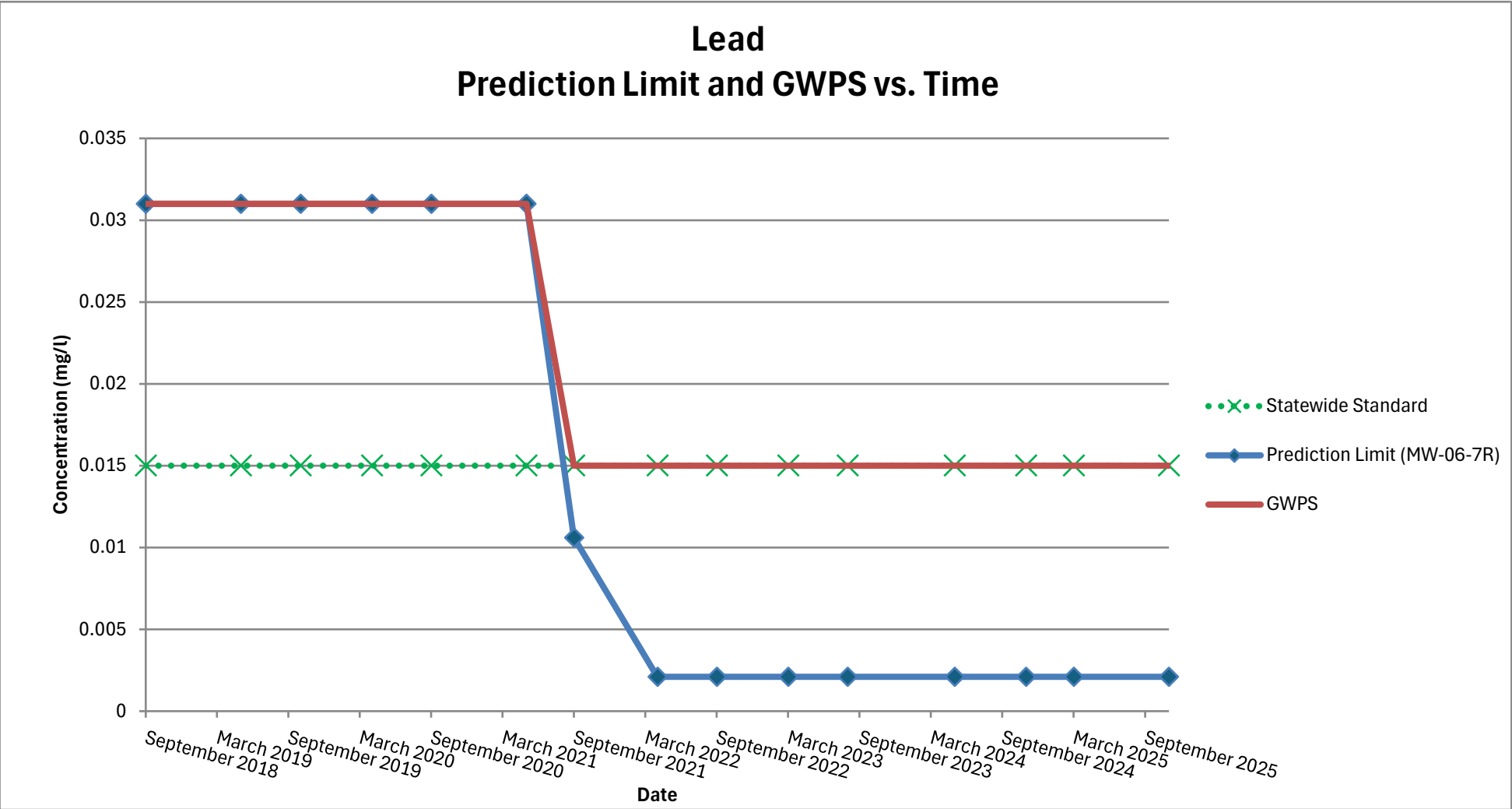




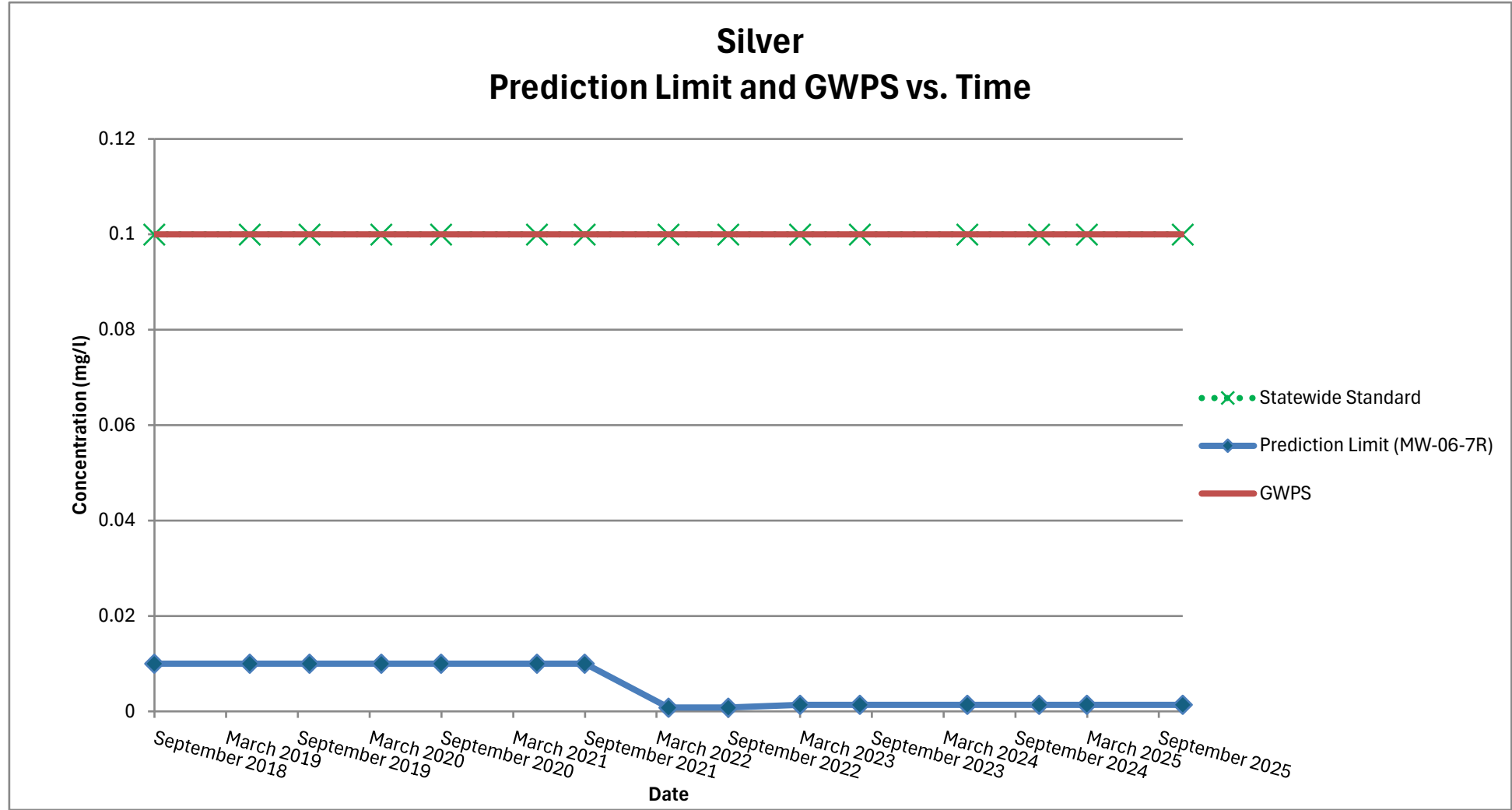
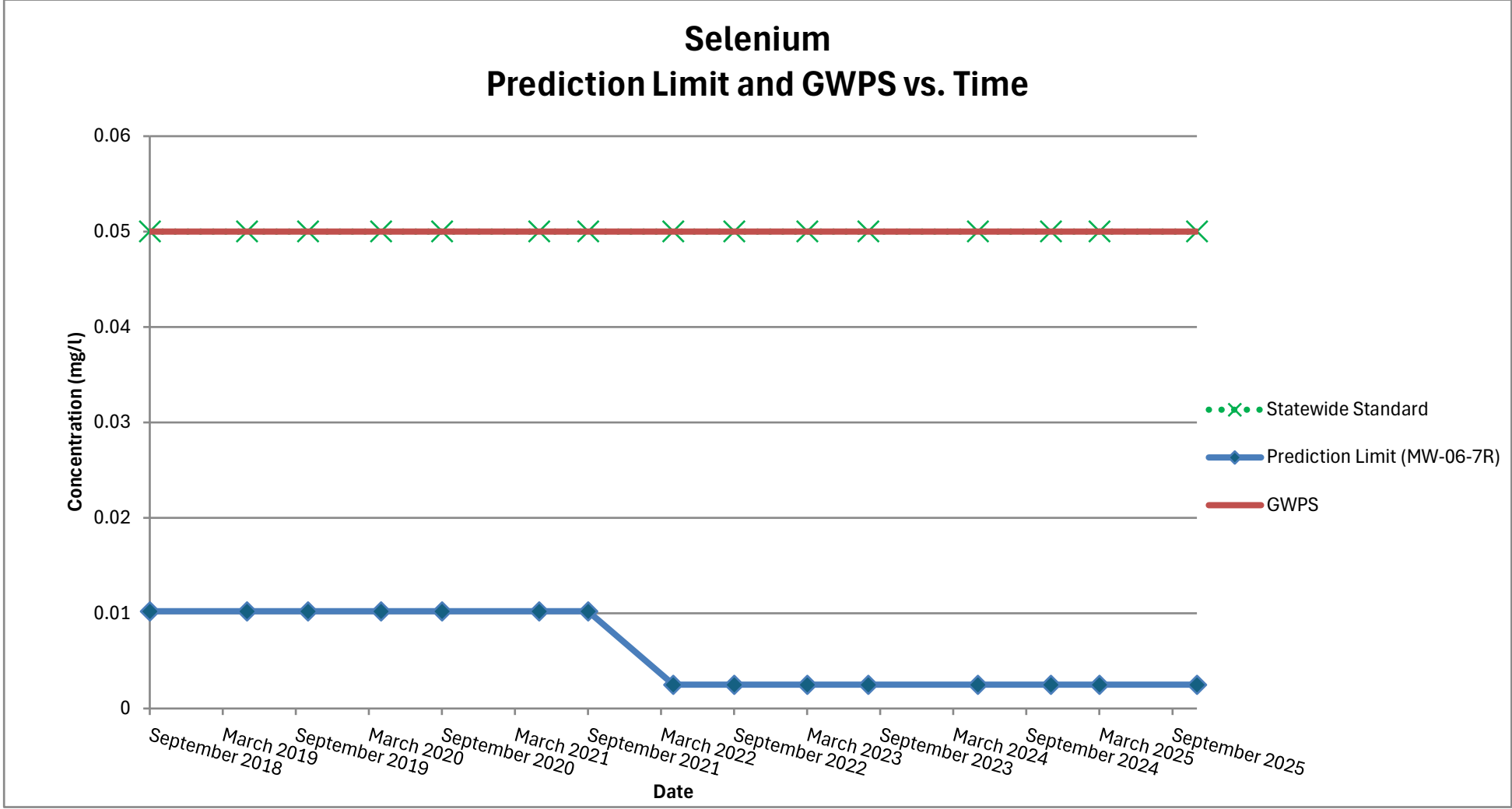


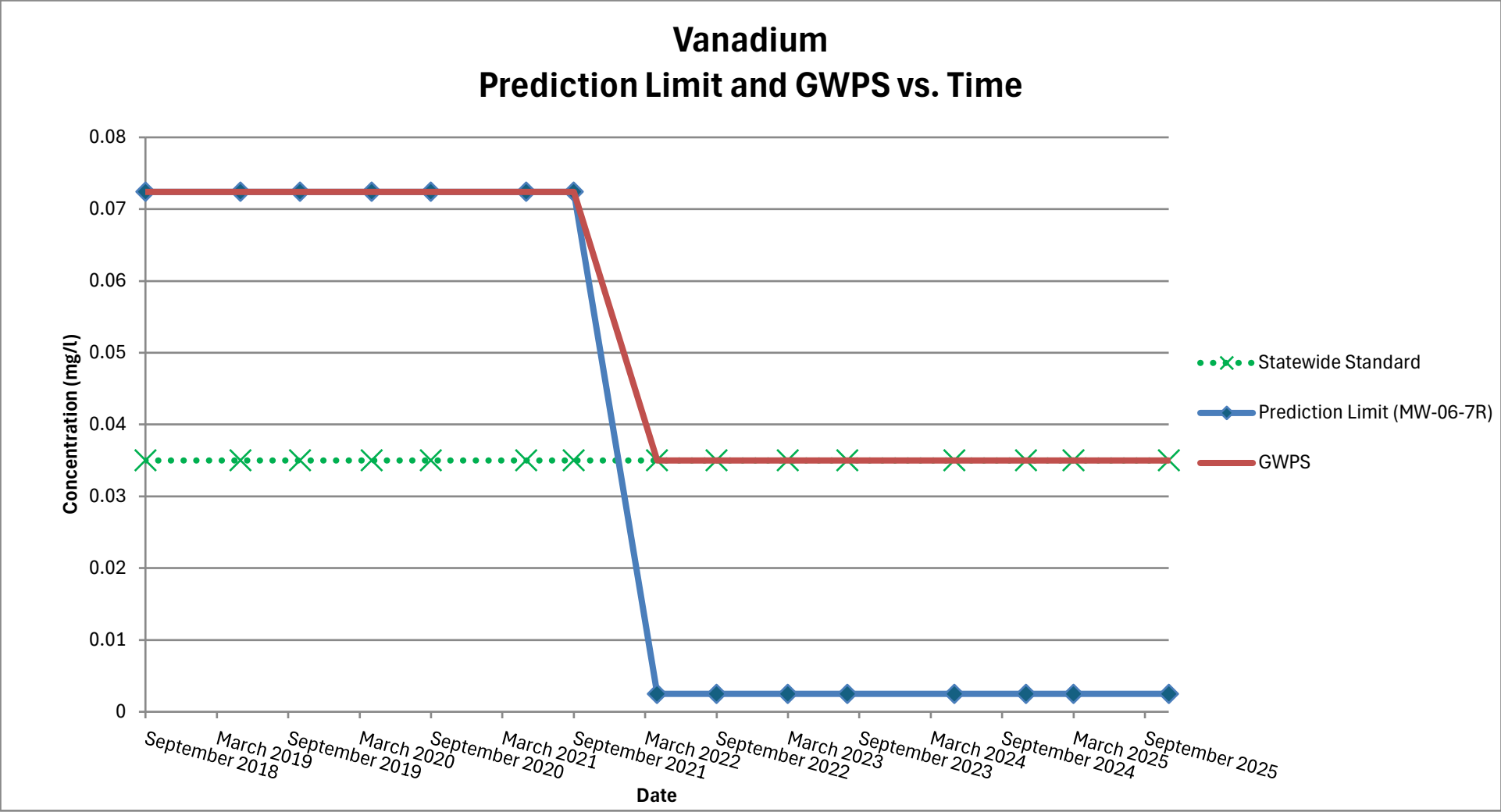
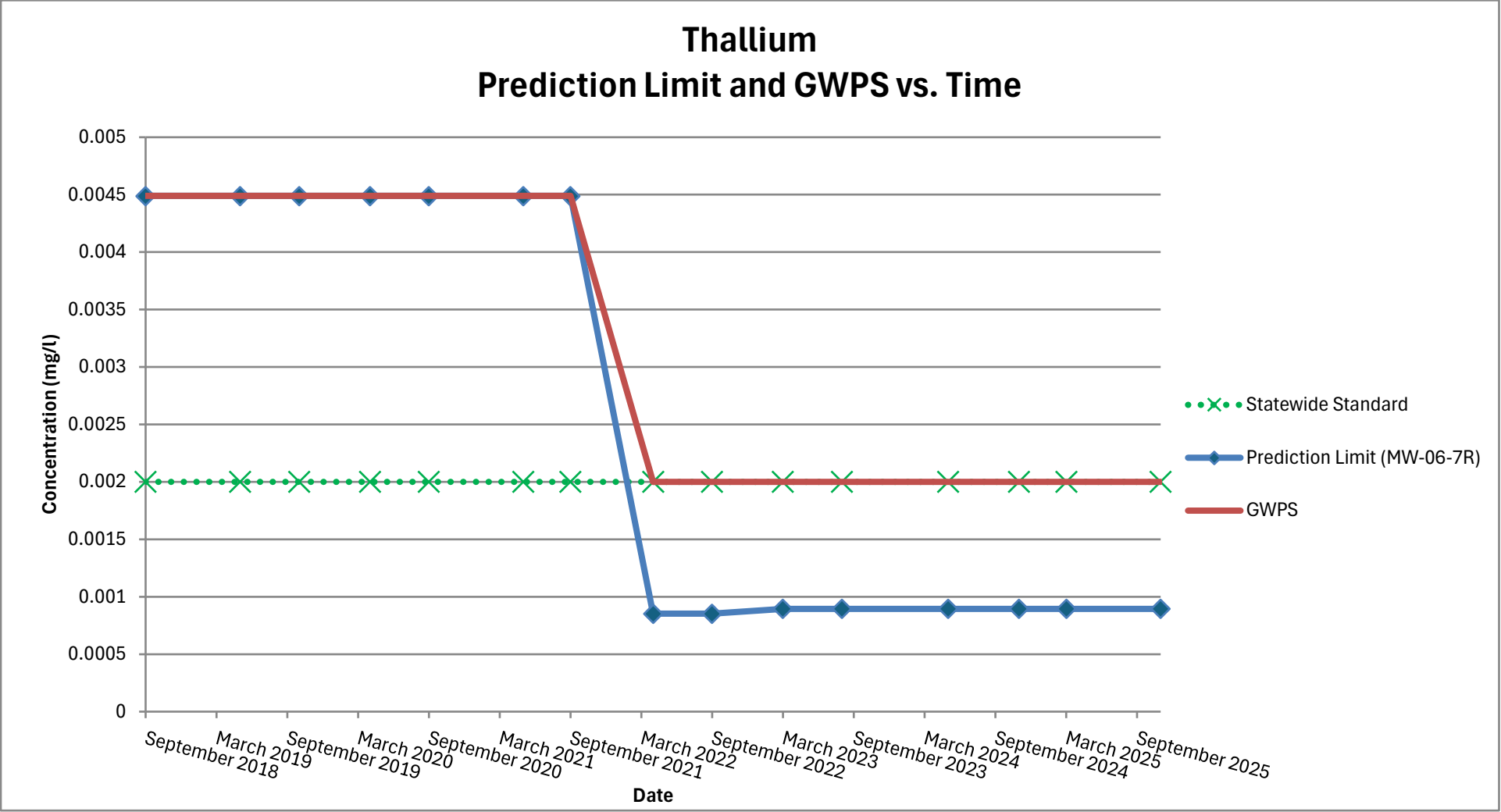


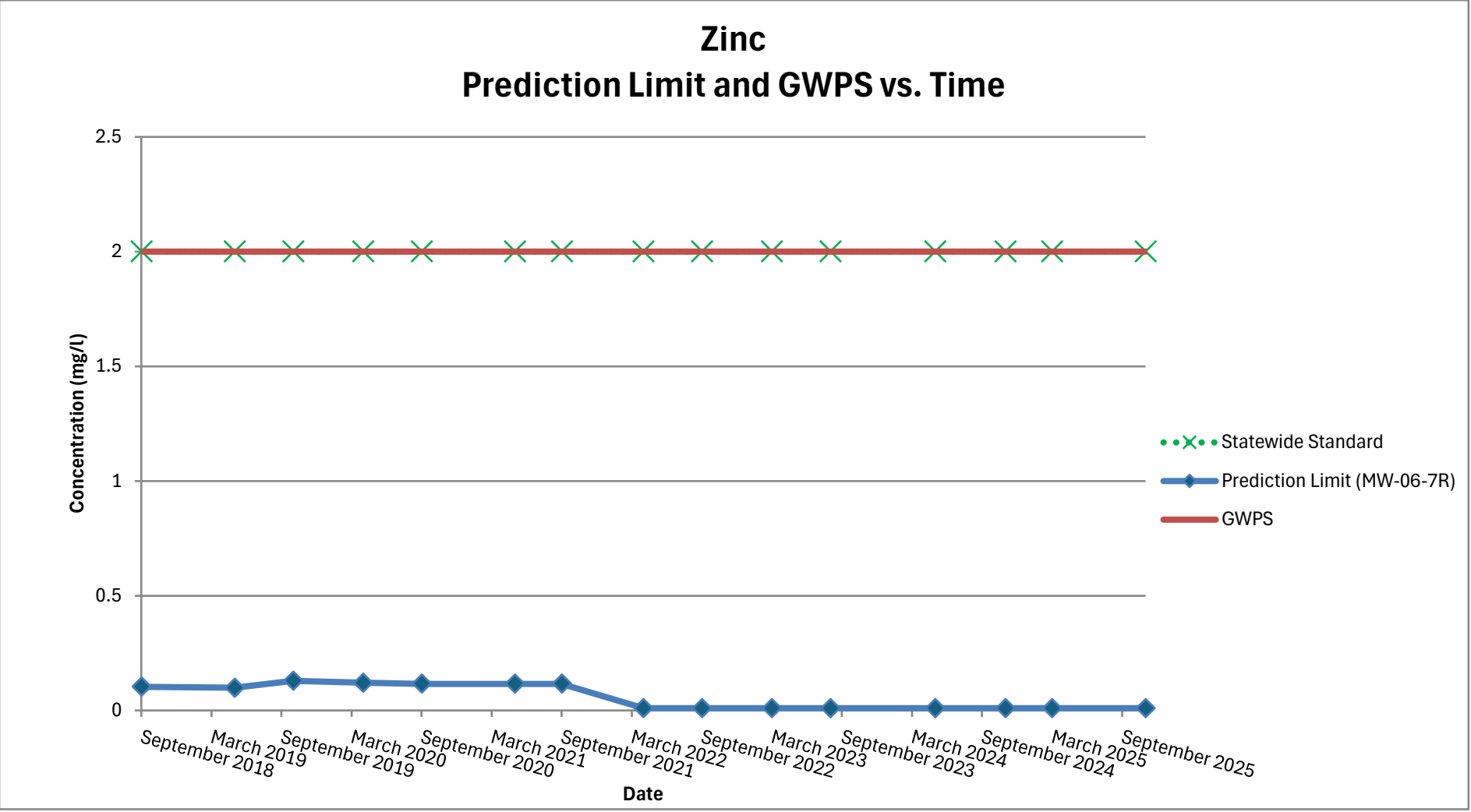












## Appendix F

### Mann-Kendall Trend Test Summary Table and Graphs – Source

| Monitoring Well | Constituent Name       | Calculated Statistic |              |                  |
|-----------------|------------------------|----------------------|--------------|------------------|
|                 |                        | Decreasing Trend     | Stable Trend | Increasing Trend |
| MW-20           | 1,1-Dichloroethane     |                      | -4           |                  |
|                 | Arsenic                |                      | 0            |                  |
|                 | Barium                 |                      | 8            |                  |
|                 | Benzene                |                      | -4           |                  |
|                 | Cadmium                |                      | 7            |                  |
|                 | Chloroethane           | -22                  |              |                  |
|                 | Chromium               |                      | 7            |                  |
|                 | cis-1,2-Dichloroethene |                      | -4           |                  |
|                 | Cobalt                 |                      | 3            |                  |
|                 | Nickel                 |                      | 12           |                  |
|                 | Vinyl chloride         |                      | -12          |                  |
| MW-24           | 1,1-Dichloroethane     | -16                  |              |                  |
|                 | Arsenic                |                      | 2            |                  |
|                 | Barium                 |                      | -6           |                  |
|                 | Benzene                |                      | -8           |                  |
|                 | Chloroethane           |                      | -10          |                  |
|                 | cis-1,2-Dichloroethene | -19                  |              |                  |
|                 | Cobalt                 |                      | 10           |                  |
|                 | Lead                   |                      | -3           |                  |
|                 | Nickel                 |                      |              | 15               |
|                 | Vinyl chloride         | -19                  |              |                  |
| MW-32           | Arsenic                |                      |              | 14               |
|                 | Barium                 |                      | 0            |                  |
|                 | Benzene                |                      | 4            |                  |
|                 | Beryllium              |                      | -1           |                  |
|                 | Cadmium                |                      |              | 17               |
|                 | Chlorobenzene          |                      | -8           |                  |
|                 | Chromium               |                      | 11           |                  |
|                 | cis-1,2-Dichloroethene |                      | -11          |                  |
|                 | Cobalt                 |                      | -6           |                  |
|                 | Copper                 |                      | -1           |                  |
|                 | Lead                   |                      | 3            |                  |
|                 | Nickel                 |                      | 0            |                  |
|                 | Vanadium               |                      | 6            |                  |
|                 | Zinc                   |                      | -6           |                  |
| MW-33           | 3/4-Methylphenol       |                      | 7            |                  |
|                 | Acetone                |                      | -2           |                  |
|                 | Arsenic                | -14                  |              |                  |
|                 | Barium                 |                      | -12          |                  |
|                 | Benzene                |                      | 1            |                  |
|                 | Cadmium                |                      |              | 18               |
|                 | Cobalt                 | -18                  |              |                  |
|                 | Lead                   |                      | -8           |                  |
|                 | Nickel                 | -16                  |              |                  |
| MW-90-11        | 1,1-Dichloroethane     |                      | -12          |                  |
|                 | Arsenic                |                      | 0            |                  |
|                 | Barium                 |                      | 2            |                  |
|                 | Chlorobenzene          |                      | 5            |                  |
|                 | cis-1,2-Dichloroethene |                      | -6           |                  |
|                 | Cobalt                 |                      | -4           |                  |
|                 | Lead                   |                      | 5            |                  |
|                 | Nickel                 |                      | -2           |                  |
|                 | Thallium               |                      | 5            |                  |



Appendix G

2025 Leachate Control System Performance Evaluation Report

# 2025 Leachate Control System Performance Evaluation Report

Clinton County Sanitary Landfill – East  
Permit No. 23-SDP-01-74P  
Clinton, Iowa

Prepared for:

Clinton County Area Solid Waste Agency

**SCS ENGINEERS**

27225262.26 | February 2026

1690 All-State Court, Suite 100  
West Des Moines, Iowa 50265  
515-631-6160



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## Figures

Figure 1. Leachate Control System

## Attachments

Attachment A Table 12 – Leachate Management Summary

Attachment B Historical Leachate Column Thickness Tables and Graphs



## 1.0 LEACHATE CONTROL SYSTEM

SCS Engineers (SCS), on behalf of the Clinton County Area Solid Waste Agency (Agency), has prepared this Leachate Control System Performance Evaluation Report (LCSPER) for the closed North and active South municipal solid waste landfill (MSWLF) units at the Clinton County Sanitary Landfill - East (Landfill). This LCSPER was prepared to comply with the requirements of the 2002 Iowa Administrative Code (IAC) 567-113.26(2)"I", current 567-113.7(5)"b"(14), and additional Iowa Department of Natural Resources (DNR) requirements specified in the site's operating permit, most recently revised on June 5, 2023 (Doc #106929). This LCSPER describes the leachate control system, discusses maintenance activities, provides an evaluation of the effectiveness of the system, and, if necessary, provides recommendations for additional control measures. The reporting period for this LCSPER is from January through December 2025 and includes Remote Monitoring Control (RMC) system upgrades installed in January 2026.

### 1.1 LOCATION OF CONTROL SYSTEM

The Landfill property is depicted on **Figure 1**, Leachate Control System, and consists of approximately 330 acres located along 220<sup>th</sup> Street, approximately 5 miles west of Clinton, Iowa, and is located within the S  $\frac{1}{2}$ , NE  $\frac{1}{4}$ ; E  $\frac{1}{2}$ , SW  $\frac{1}{4}$ ; and the SE  $\frac{1}{4}$  of Section 33, in Township 82 North, Range 6 East, in Clinton County, Iowa.

#### 1.1.1 South MSWLF Unit

The South MSWLF unit consists of a lined area and an unlined area. The unlined portion was closed in 2009. Documentation of the closure was provided to the DNR in correspondence dated February 12, 2010 (Doc # 55423).

At the time of closure of the unlined portion of the South MSWLF unit, a perforated leachate collection line was installed that gravity drains into the existing leachate collection system on the east side of the South MSWLF unit. The monitoring system for the unlined portion of the South MSWLF unit consisted of four leachate piezometers (LMW-5B, LMW-5DR, LMW-5AR, and LMW-6AR). Leachate piezometers LMW-5DR and LMW-6AR have subsequently been destroyed, but replacement was not required (Doc #95164). The requirements for the unlined area are not specified in the most recent version of 567 IAC 113; however, it is understood that the leachate levels must be maintained at the lowest level that is practical, as it is not constructed over a Subtitle D-compliant liner.

The lined portion of the South MSWLF unit consists of Phase 0, Phase 1A, Phase E-1, and Phase 2 cells, constructed in 2007, 2011, 2017, and 2020, respectively. Leachate collected from the Phase 0 cell gravity drains into a manhole located just south of the south boundary of the Phase 0 cell. From this manhole, the leachate gravity drains to the leachate storage lagoon. Leachate collected from the Phase 1A and Phase 2 cells is pumped up a side slope riser to a location just south of the Phase 1A cell at which point the leachate gravity flows to the manhole on the south side of the Phase 0 cell and continues from there to the leachate storage lagoon. In the Phase E-1 cell, leachate piping was placed in a north-to-south and east-to-west alignment converging at the southwest corner of the cell, where it was connected to the existing leachate collection system piping. The monitoring system for these cells consists of leachate piezometers LPZ-0, LPZ-1, and LPZ-E1. Leachate piezometers LPZ-0 and LPZ-1 are measured manually. Leachate piezometer LPZ-0 was dry during this reporting period. Leachate piezometer LPZ-1 is difficult to access due to the height and angle of the casing and has an obstruction; an electronic water level indicator is difficult to get past approximately 18

feet below the top of casing while the installed depth is 46 feet. LPZ-1 was televised in November 2025, and multiple obstructions that prevent a fluid level measurement were confirmed. Leachate levels in LPZ-E1 were monitored by a supervisory control and data acquisition (SCADA) system until it was replaced with an RMC system in January 2026. The lined area is required to maintain less than 12 inches of leachate head on the liner. Further details are available in the construction observation reports for each cell.

At the time of construction of the Phase 1A cell, four perforated leachate collection lines were installed in the cell and connected to the perforated header to assist with leachate collection. Installation of a toe drain in the Phase 0 cell was also performed in conjunction with the Phase 1A cell construction to address a leachate seep. During construction of the Phase E-1 cell, a leachate seep was encountered in the closed, unlined cell. A leachate toe drain was installed to address the seep and was connected to the existing leachate header piping.

The leachate storage lagoon was constructed in 2005 and is used for leachate storage from both the North and South MSWLF units. The lagoon discharges to the City of Clinton sewer system through a lift station, force main, and gravity line.

### **1.1.2 North MSWLF Unit**

The leachate collection system for the North MSWLF unit consists of sections of perforated leachate collection piping installed in Ravines 2, 3, and 4 to intercept previous leachate seeps. The leachate collection piping gravity drains to two lift stations, which then pump to a manhole that gravity drains to the leachate storage lagoon. Additional perforated leachate collection piping was added in 2007. Additional piping and trenches were constructed in 2008 to address persistent seeps. Construction of an additional leachate seep interceptor trench in Ravine 3/4 was completed in December 2024. The monitoring system for the North MSWLF unit consists of leachate piezometers LMW-2A, LMW-3A, LMW-4A, and LMW-4B. The leachate levels in the North MSWLF unit must be maintained at the lowest level that is practical, as it is not constructed over a Subtitle D-compliant liner. Both lift stations were monitored by a SCADA system, which was upgraded to an RMC system in January 2026, which includes automatic pump operation and high-level alarms sent to Landfill staff.

## **1.2 EFFECTIVENESS OF THE LEACHATE CONTROL SYSTEM**

### **1.2.1 South MSWLF Unit**

Table 12 in **Attachment A** provides a summary of monthly leachate column thickness measurements for the South MSWLF unit recorded during this reporting period. Monthly measurements were supplied to SCS by the Agency; measurements marked “NM” were not available from the Agency. The South MSWLF unit leachate piezometers over the unlined area originally included LMW-5A, LMW-5B, LMW-5C, LMW-5DR, and LMW-6AR. LMW-5C was recorded as destroyed beginning in January 2015. Leachate piezometer LMW-5A was abandoned during Cell E-1 construction in June 2016 and replaced by LMW-5AR in 2018. Leachate piezometers LMW-5DR and LMW-6AR were reported as missing beginning in July 2016. The column thickness in leachate piezometer LMW-5AR was dry to 5.70 feet during this reporting period. The column thickness in leachate piezometer LMW-5B was erratic, with measurements ranging from dry to 22.90 feet during this reporting period.

The South MSWLF unit leachate piezometers over Subtitle D-compliant liner are LPZ-0, LPZ-1, and LPZ-E1, monitoring the Phase 0, 1A, and E-1 cells, respectively. Since these piezometers are over a Subtitle D-compliant liner and a leachate drainage layer, they are required to maintain less than 12 inches of head.

Since leachate piezometer LPZ-E1 is continuously monitored by the SCADA system, which was upgraded to an RMC system, the average monthly leachate levels are utilized to verify compliance. The piezometer produced erroneous data from February through March and was repaired in May. The leachate column thickness ranged from 0.13 feet to 0.21 feet during this reporting period.

As noted in Evora Consulting's Response to the May 10, 2021, Comment Letter (Response Letter) dated June 1, 2021 (Doc #100598), LPZ-0 was further evaluated and did not appear to be damaged or kinked. The piezometer was dry during this reporting period.

Leachate piezometer LPZ-1 was consistently dry since installation in 2011 through 2018. Starting with the November 2018 measurements, depth measurements decreased from 46 feet to measurements ranging from 17-19 feet, indicating an obstruction or kink in the piezometer casing. LPZ-1 was repaired as proposed in the Response Letter. Measurements at LPZ-1 in August 2023 that did appear to reach the bottom of the piezometer (depth measurement of 45.8 feet) showed a leachate thickness measurement exceeding 12 inches. During September 2024, an inspection with a well camera revealed a buildup within LPZ-1. Jetting was attempted subsequent to the inspection; however, the buildup was unable to be removed. The City of Clinton jetted the piezometer in October 2025 and pumped out the buildup. The piezometer was televised in November 2025, and an obstruction appeared to be a weld in the HDPE pipe that a fluid level reel couldn't progress past. A leachate thickness table and graphs for the South MSWLF unit are included in **Attachment B**.

## 1.2.2 North MSWLF Unit

Table 12 in **Attachment A** provides monthly leachate column thicknesses for the North MSWLF unit measured during this reporting period. Monthly measurements were supplied to SCS by the Agency; measurements marked "NM" were not available from the Agency. The leachate thicknesses measured in leachate piezometers LMW-2A were generally within the historical range, but a new minimum thickness was recorded in February. The leachate thicknesses measured in leachate piezometer LMW-3A were below the historical range during this reporting period. The leachate thicknesses in LMW-4A were generally within the historical range. Leachate piezometer LMW-4B was noted as being damaged in the 2024 Leachate Control System Performance Evaluation Report dated January 29, 2025 (Doc #112063), and leachate column thicknesses in LMW-4B were unavailable. Measurement data for LMW-4B is therefore excluded from **Attachment A** and **Attachment B**. A leachate thickness table and graphs for the North MSWLF unit are included in **Attachment B**.

## 1.3 MODIFICATIONS AND MAINTENANCE TO SYSTEM

The transducer in leachate piezometer LPZ-E1 was repaired in May 2025, and the SCADA system was replaced with an RMC system in January 2026.

The SCADA systems at lift stations LS-1, LS-2, and LS-3 were upgraded to an RMC system in January 2026. This includes automatic pump control and high-level alarms that are sent to Landfill staff.

HK Solutions jetted and inspected the leachate lines in the North and South MSWLF Units in July and August 2025.

## 1.4 PROPOSED CHANGES TO SYSTEM

- SCS recommends continuing to perform the following items to maintain the effectiveness of the leachate control system:

- Continue monthly monitoring of the leachate levels as required in the facility permit.
- Maintain good vegetation over the final cover and intermediate cover over the inactive and closed areas.
- Continue operation and maintenance of the leachate control system in accordance with the approved Leachate Control System Plan.
- Continue recording the volume of leachate discharged to the City of Clinton publicly-owned treatment works (POTW). An estimated 707,210 gallons were discharged during this reporting period based on monthly measurements received from the SCADA/RMC system.
- Continue cleaning the leachate collection system once every three years, or more frequently if the leachate head or the volume of leachate collected indicates cleaning is necessary.



## Figures

### Leachate Control System









## Attachment A

### Table 12 – Leachate Management Summary

**Table 12**  
**Leachate Management Summary**  
**2025 Leachate Control System Performance Evaluation Report**  
**Clinton County Sanitary Landfill - East, South MSWLF Unit**  
**Permit No. 23-SDP-01-74P**

| Month                         | North MSWLF Unit |        |        | South MSWLF Unit |        |       |            |        | Discharge to<br>City of Clinton<br>POTW | Precipitation<br>(in) |
|-------------------------------|------------------|--------|--------|------------------|--------|-------|------------|--------|-----------------------------------------|-----------------------|
|                               | LMW-2A           | LMW-3A | LMW-4A | LMW-5AR          | LMW-5B | LPZ-0 | LPZ-1      | LPZ-E1 |                                         |                       |
| 1/29/2025                     | 11.20            | 15.10  | 10.50  | 2.30             | 4.50   | 0.00  | Obstructed | 0.13   |                                         | 0.47                  |
| 2/26/2025                     | 9.70             | 13.30  | 10.90  | 0.40             | 1.50   | 0.00  | Obstructed | NM     |                                         | 0.05                  |
| 3/26/2025                     | 14.09            | 13.17  | 12.65  | 0.61             | 1.67   | 0.00  | Obstructed | NM     |                                         | 2.17                  |
| 4/26/2025                     | 12.00            | 12.90  | 11.10  | 5.70             | 17.80  | 0.00  | Obstructed | NM     |                                         | 2.59                  |
| 5/22/2025                     | 11.10            | 13.50  | 13.20  | 2.00             | 0.00   | 0.00  | Obstructed | 0.21   |                                         | 3.27                  |
| 6/27/2025                     | 12.00            | 12.80  | 10.60  | 0.70             | 22.90  | 0.00  | Obstructed | 0.21   |                                         | 3.47                  |
| 7/30/2025                     | 14.00            | 13.30  | 11.50  | 0.50             | 18.20  | 0.00  | Obstructed | 0.18   |                                         | 8.99                  |
| 8/29/2025                     | 11.70            | 13.70  | 11.60  | 0.70             | 19.00  | 0.00  | Obstructed | 0.14   |                                         | 1.70                  |
| 9/30/2025                     | 10.70            | 13.10  | 11.10  | 0.00             | 2.70   | 0.00  | Obstructed | 0.15   |                                         | 0.41                  |
| 10/31/2025                    | 11.20            | 13.10  | 11.20  | 0.00             | 0.00   | 0.00  | Obstructed | 0.16   |                                         | 0.86                  |
| 11/28/2025                    | 11.00            | 11.00  | 4.00   | 0.00             | 2.00   | 0.00  | Obstructed | NM     |                                         | 1.16                  |
| 12/31/2025                    | 10.00            | 12.60  | 11.20  | 0.70             | 4.20   | 0.00  | Obstructed | NM     |                                         | 0.49                  |
| <b>Reporting Period Total</b> |                  |        |        |                  |        |       |            |        | <b>707,210</b>                          | <b>25.63</b>          |

Notes:

- 1) Leachate levels are measured by the contract operator.
- 2) NM - Not measured. Measurements were unavailable due to malfunctioning SCADA components or inadvertently missed.
- 3) LPZ-E1 was monitored by a SCADA system which was upgraded to an RMC system in January 2026.
- 4) Discharge to the City of Clinton POTW is measured monthly by the SCADA system.
- 5) Precipitation data obtained from the Iowa State University Iowa Environmental Mesonet for Clinton, Iowa.  
([https://mesonet.agron.iastate.edu/ASOS/reports/mon\\_prec.php](https://mesonet.agron.iastate.edu/ASOS/reports/mon_prec.php))

Comments:

Reporting Period: January - December 2025.

Recommended Changes to Leachate Collection System: Please see the narrative portion of Appendix G.

Maintenance Performed on Leachate Collection System: Please see the narrative portion of Appendix G.

Last Date of Cleaning and Inspection: 2025. Please see the narrative portion of Appendix G.

Date for Next Cleaning and Inspection: Leachate line cleaning will be completed in 2028.

Volume of Leachate Recirculated: Leachate is not recirculated.

Volume of Leachate Treated On-Site: Leachate is not treated on-site.

Volume of Leachate Treated Off-Site: An estimated total of approximately 707,210 gallons of leachate were discharged to the City of Clinton POTW during this reporting period.



## Attachment B

### Historical Leachate Column Thickness Tables and Graphs

**Attachment B**  
**Historical Leachate Piezometer Column Thicknesses and Elevations**  
**Clinton County Sanitary Landfill - East**  
**Permit No. 23-SDP-01-74P**  
**Project No. 27223133.25**

|            |                    | North MSWLF Unit |        |        | South MSWLF Unit |        |        |        |        |
|------------|--------------------|------------------|--------|--------|------------------|--------|--------|--------|--------|
| Date       | Leachate well      | LMW-2A           | LMW-3A | LMW-4A | LMW-5A/5AR       | LMW-5B | LPZ-0  | LPZ-1  | LPZ-E1 |
|            | TOC Elevation      | 727.42           | 716.83 | 718.46 | 723.51           | 743.76 | 692.92 | 715.84 | NM     |
|            | Total Depth        | 31.8             | 35.2   | 20.5   | 54.2             | 39.6   | 9.0    | 46.0   | 65.6   |
| 10/15/2002 | Column Thickness   | 17.55            | 21.85  | 25.90  | NM               | NM     | NI     | NI     | NI     |
|            | Leachate Elevation | 709.87           | 702.18 | 707.86 | NA               | NA     | NA     | NA     | NA     |
| 9/8/2004   | Column Thickness   | 15.85            | NM     | 11.50  | NM               | NM     | NI     | NI     | NI     |
|            | Leachate Elevation | 711.52           | NA     | 709.46 | NA               | NA     | NA     | NA     | NA     |
| 9/6/2006   | Column Thickness   | 15.75            | 19.80  | 11.50  | 7.90             | Dry    | NI     | NI     | NI     |
|            | Leachate Elevation | 711.42           | 701.43 | 709.46 | 677.21           | NA     | NA     | NA     | NA     |
| 3/15/2007  | Column Thickness   | 15.95            | 20.10  | Dry    | 7.90             | Dry    | NI     | NI     | NI     |
|            | Leachate Elevation | 711.62           | 701.73 | NA     | 677.21           | NA     | NA     | NA     | NA     |
| 9/26/2007  | Column Thickness   | 16.28            | 21.06  | 11.20  | 5.25             | Dry    | Dry    | NI     | NI     |
|            | Leachate Elevation | 711.95           | 702.69 | 709.16 | 674.56           | NA     | NA     | NA     | NA     |
| 4/9/2008   | Column Thickness   | 17.37            | 21.64  | NM     | NM               | Dry    | Dry    | NI     | NI     |
|            | Leachate Elevation | 713.04           | 703.27 | NA     | NA               | NA     | NA     | NA     | NA     |
| 9/10/2008  | Column Thickness   | 16.09            | 21.98  | NM     | 9.20             | Dry    | Dry    | NI     | NI     |
|            | Leachate Elevation | 711.76           | 703.61 | NA     | 678.51           | NA     | NA     | NA     | NA     |
| 3/25/2009  | Column Thickness   | 17.10            | 21.90  | NM     | Dry              | Dry    | 0.25   | NI     | NI     |
|            | Leachate Elevation | 712.77           | 703.53 | NA     | 723.51           | NA     | 684.22 | NA     | NA     |
| 9/2/2009   | Column Thickness   | 17.11            | 22.88  | NM     | Dry              | Dry    | Dry    | NI     | NI     |
|            | Leachate Elevation | 712.78           | 704.51 | NA     | 723.51           | NA     | NA     | NA     | NA     |
| 2/6/2010   | Column Thickness   | 17.05            | 22.80  | 12.30  | 9.20             | Dry    | Dry    | NI     | NI     |
|            | Leachate Elevation | 712.72           | 704.43 | 710.26 | 678.51           | NA     | NA     | NA     | NA     |
| 3/15/2010  | Column Thickness   | 17.87            | 26.15  | 12.48  | 9.38             | Dry    | 0.31   | NI     | NI     |
|            | Leachate Elevation | 713.54           | 707.78 | 710.44 | 678.69           | NA     | 684.23 | NA     | NA     |
| 9/1/2010   | Column Thickness   | 18.03            | 23.05  | 13.06  | NM               | Dry    | Dry    | NI     | NI     |
|            | Leachate Elevation | 713.70           | 704.68 | 711.02 | NA               | NA     | NA     | NA     | NA     |
| 11/29/2010 | Column Thickness   | 16.46            | 22.50  | 12.29  | 9.27             | Dry    | Dry    | NI     | NI     |
|            | Leachate Elevation | 710.96           | 694.33 | 706.17 | 714.24           | NA     | NA     | NA     | NA     |
| 12/28/2010 | Column Thickness   | 16.31            | 22.70  | 12.21  | 9.27             | Dry    | Dry    | NI     | NI     |
|            | Leachate Elevation | 711.11           | 694.13 | 706.25 | 714.24           | NA     | NA     | NA     | NA     |
| 1/29/2011  | Column Thickness   | 16.44            | 22.70  | 12.20  | 13.00            | Dry    | Dry    | NI     | NI     |
|            | Leachate Elevation | 710.98           | 694.13 | 706.26 | 710.51           | NA     | NA     | NA     | NA     |
| 2/23/2011  | Column Thickness   | 16.40            | 22.70  | 12.19  | 12.99            | Dry    | Dry    | NI     | NI     |
|            | Leachate Elevation | 711.02           | 694.13 | 706.27 | 710.52           | NA     | NA     | NA     | NA     |
| 3/7/2011   | Column Thickness   | 16.38            | 22.80  | 12.20  | 12.99            | Dry    | Dry    | NI     | NI     |
|            | Leachate Elevation | 711.04           | 694.03 | 706.26 | 710.52           | NA     | NA     | NA     | NA     |
| 4/8/2011   | Column Thickness   | 16.40            | 22.60  | 12.20  | 12.99            | Dry    | Dry    | NI     | NI     |
|            | Leachate Elevation | 711.02           | 694.23 | 706.26 | 710.52           | NA     | NA     | NA     | NA     |
| 5/16/2011  | Column Thickness   | 16.38            | 22.70  | 12.11  | 13.00            | Dry    | Dry    | NI     | NI     |
|            | Leachate Elevation | 711.04           | 694.13 | 706.35 | 710.51           | NA     | NA     | NA     | NA     |
| 6/14/2011  | Column Thickness   | 16.35            | 22.50  | 12.23  | 11.90            | Dry    | Dry    | NI     | NI     |
|            | Leachate Elevation | 711.07           | 694.33 | 706.23 | 711.61           | NA     | NA     | NA     | NA     |
| 7/1/2011   | Column Thickness   | 16.40            | 22.70  | 12.23  | 11.90            | Dry    | Dry    | NI     | NI     |
|            | Leachate Elevation | 711.02           | 694.13 | 706.23 | 711.61           | NA     | NA     | NA     | NA     |
| 8/3/2011   | Column Thickness   | 16.40            | 22.60  | 12.23  | 11.90            | Dry    | Dry    | NI     | NI     |
|            | Leachate Elevation | 711.02           | 694.23 | 706.23 | 711.61           | NA     | NA     | NA     | NA     |
| 9/5/2011   | Column Thickness   | 16.41            | 22.60  | 12.24  | 11.90            | Dry    | Dry    | NI     | NI     |
|            | Leachate Elevation | 711.01           | 694.23 | 706.22 | 711.61           | NA     | NA     | NA     | NA     |
| 10/6/2011  | Column Thickness   | 16.28            | 22.80  | 12.20  | 12.99            | Dry    | Dry    | Dry    | NI     |
|            | Leachate Elevation | 711.14           | 694.03 | 706.26 | 710.52           | NA     | NA     | NA     | NA     |
| 11/11/2011 | Column Thickness   | 16.30            | 22.90  | 12.30  | 13.00            | Dry    | Dry    | Dry    | NI     |
|            | Leachate Elevation | 711.12           | 693.93 | 706.16 | 710.51           | NA     | NA     | NA     | NA     |
| 12/1/2011  | Column Thickness   | 16.40            | 23.10  | 12.30  | 12.99            | Dry    | Dry    | Dry    | NI     |
|            | Leachate Elevation | 711.02           | 693.73 | 706.16 | 710.52           | NA     | NA     | NA     | NA     |

**Attachment B**  
**Historical Leachate Piezometer Column Thicknesses and Elevations**  
**Clinton County Sanitary Landfill - East**  
**Permit No. 23-SDP-01-74P**  
**Project No. 27223133.25**

|            |                    | North MSWLF Unit |        |        | South MSWLF Unit |        |        |        |        |
|------------|--------------------|------------------|--------|--------|------------------|--------|--------|--------|--------|
| Date       | Leachate well      | LMW-2A           | LMW-3A | LMW-4A | LMW-5A/5AR       | LMW-5B | LPZ-0  | LPZ-1  | LPZ-E1 |
|            | TOC Elevation      | 727.42           | 716.83 | 718.46 | 723.51           | 743.76 | 692.92 | 715.84 | NM     |
|            | Total Depth        | 31.8             | 35.2   | 20.5   | 54.2             | 39.6   | 9.0    | 46.0   | 65.6   |
| 1/15/2012  | Column Thickness   | 16.50            | 22.70  | 12.30  | 12.40            | Dry    | Dry    | Dry    | NI     |
|            | Leachate Elevation | 710.92           | 694.13 | 706.16 | 711.11           | NA     | NA     | NA     | NA     |
| 2/12/2012  | Column Thickness   | 16.55            | 22.60  | 12.30  | 13.08            | Dry    | Dry    | Dry    | NI     |
|            | Leachate Elevation | 710.87           | 694.23 | 706.16 | 710.43           | NA     | NA     | NA     | NA     |
| 3/5/2012   | Column Thickness   | 16.45            | 22.50  | 12.35  | 13.08            | Dry    | Dry    | Dry    | NI     |
|            | Leachate Elevation | 710.97           | 694.33 | 706.11 | 710.43           | NA     | NA     | NA     | NA     |
| 4/10/2012  | Column Thickness   | 16.50            | 22.70  | 12.21  | 13.07            | Dry    | Dry    | Dry    | NI     |
|            | Leachate Elevation | 710.92           | 694.13 | 706.25 | 710.44           | NA     | NA     | NA     | NA     |
| 5/20/2012  | Column Thickness   | 16.45            | 22.60  | 12.25  | 13.10            | Dry    | Dry    | Dry    | NI     |
|            | Leachate Elevation | 710.97           | 694.23 | 706.21 | 710.41           | NA     | NA     | NA     | NA     |
| 6/11/2012  | Column Thickness   | 16.47            | 22.59  | 12.27  | 13.08            | Dry    | Dry    | Dry    | NI     |
|            | Leachate Elevation | 710.95           | 694.24 | 706.19 | 710.43           | NA     | NA     | NA     | NA     |
| 7/8/2012   | Column Thickness   | 16.51            | 22.65  | 12.23  | 13.08            | Dry    | Dry    | Dry    | NI     |
|            | Leachate Elevation | 710.91           | 694.18 | 706.23 | 710.43           | NA     | NA     | NA     | NA     |
| 8/21/2012  | Column Thickness   | 16.53            | 22.70  | 12.24  | 13.10            | Dry    | Dry    | Dry    | NI     |
|            | Leachate Elevation | 710.89           | 694.13 | 706.22 | 710.41           | NA     | NA     | NA     | NA     |
| 9/14/2012  | Column Thickness   | 16.50            | 22.60  | 12.28  | 13.07            | Dry    | Dry    | Dry    | NI     |
|            | Leachate Elevation | 710.92           | 694.23 | 706.18 | 710.44           | NA     | NA     | NA     | NA     |
| 10/5/2012  | Column Thickness   | 16.46            | 22.90  | 12.28  | 13.07            | Dry    | Dry    | Dry    | NI     |
|            | Leachate Elevation | 712.13           | 704.53 | 710.24 | 682.38           | NA     | NA     | NA     | NA     |
| 11/8/2012  | Column Thickness   | 16.45            | 23.00  | 12.30  | 13.08            | Dry    | Dry    | Dry    | NI     |
|            | Leachate Elevation | 712.12           | 704.63 | 710.26 | 682.39           | NA     | NA     | NA     | NA     |
| 12/12/2012 | Column Thickness   | 16.45            | 22.90  | 12.30  | 13.07            | Dry    | Dry    | Dry    | NI     |
|            | Leachate Elevation | 712.12           | 704.53 | 710.26 | 682.38           | NA     | NA     | NA     | NA     |
| 1/6/2013   | Column Thickness   | 15.91            | 21.94  | 12.40  | 9.64             | 0.28   | Dry    | Dry    | NI     |
|            | Leachate Elevation | 711.58           | 703.57 | 710.36 | 678.95           | 704.46 | NA     | NA     | NA     |
| 2/5/2013   | Column Thickness   | 15.91            | 22.00  | 12.40  | 9.64             | 0.28   | Dry    | Dry    | NI     |
|            | Leachate Elevation | 711.58           | 703.63 | 710.36 | 678.95           | 704.46 | NA     | NA     | NA     |
| 3/15/2013  | Column Thickness   | 15.91            | 21.94  | 12.40  | 9.64             | 0.28   | Dry    | Dry    | NI     |
|            | Leachate Elevation | 711.58           | 703.57 | 710.36 | 678.95           | 704.46 | NA     | NA     | NA     |
| 4/10/2013  | Column Thickness   | 15.91            | 21.92  | 12.40  | 9.62             | 0.28   | Dry    | Dry    | NI     |
|            | Leachate Elevation | 711.58           | 703.55 | 710.36 | 678.93           | 704.46 | NA     | NA     | NA     |
| 5/6/2013   | Column Thickness   | 15.91            | 21.95  | 12.40  | 9.65             | 0.28   | Dry    | Dry    | NI     |
|            | Leachate Elevation | 711.58           | 703.58 | 710.36 | 678.96           | 704.46 | NA     | NA     | NA     |
| 6/13/2013  | Column Thickness   | 15.91            | 21.95  | 12.40  | 9.65             | 0.28   | Dry    | Dry    | NI     |
|            | Leachate Elevation | 711.58           | 703.58 | 710.36 | 678.96           | 704.46 | NA     | NA     | NA     |
| 7/5/2013   | Column Thickness   | 15.92            | 21.95  | 12.40  | 9.70             | 0.28   | Dry    | Dry    | NI     |
|            | Leachate Elevation | 711.59           | 703.58 | 710.36 | 679.01           | 704.46 | NA     | NA     | NA     |
| 8/13/2013  | Column Thickness   | 15.93            | 21.96  | 12.40  | 9.70             | 0.28   | Dry    | Dry    | NI     |
|            | Leachate Elevation | 711.60           | 703.59 | 710.36 | 679.01           | 704.46 | NA     | NA     | NA     |
| 8/22/2013  | Column Thickness   | 15.93            | NM     | NM     | NM               | NM     | NM     | NM     | NI     |
|            | Leachate Elevation | 711.60           | NA     | NA     | NA               | NA     | NA     | NA     | NA     |
| 9/5/2013   | Column Thickness   | 15.87            | 21.94  | 12.50  | 9.64             | 0.28   | Dry    | Dry    | NI     |
|            | Leachate Elevation | 711.54           | 703.57 | 710.46 | 678.95           | 704.46 | NA     | NA     | NA     |
| 10/10/2013 | Column Thickness   | 15.94            | 21.94  | 12.50  | 9.64             | 0.28   | Dry    | Dry    | NI     |
|            | Leachate Elevation | 711.61           | 703.57 | 710.46 | 678.95           | 704.46 | NA     | NA     | NA     |
| 11/25/2013 | Column Thickness   | 15.95            | 21.92  | 12.00  | 9.80             | 0.28   | Dry    | Dry    | NI     |
|            | Leachate Elevation | 711.62           | 703.55 | 709.96 | 679.11           | 704.46 | NA     | NA     | NA     |
| 12/5/2013  | Column Thickness   | 15.95            | 21.90  | 11.80  | 9.85             | 0.28   | Dry    | Dry    | NI     |
|            | Leachate Elevation | 711.62           | 703.53 | 709.76 | 679.16           | 704.46 | NA     | NA     | NA     |

**Attachment B**  
**Historical Leachate Piezometer Column Thicknesses and Elevations**  
**Clinton County Sanitary Landfill - East**  
**Permit No. 23-SDP-01-74P**  
**Project No. 27223133.25**

|            |                    | North MSWLF Unit |        |        | South MSWLF Unit |        |        |        |        |
|------------|--------------------|------------------|--------|--------|------------------|--------|--------|--------|--------|
| Date       | Leachate well      | LMW-2A           | LMW-3A | LMW-4A | LMW-5A/5AR       | LMW-5B | LPZ-0  | LPZ-1  | LPZ-E1 |
|            | TOC Elevation      | 727.42           | 716.83 | 718.46 | 723.51           | 743.76 | 692.92 | 715.84 | NM     |
|            | Total Depth        | 31.8             | 35.2   | 20.5   | 54.2             | 39.6   | 9.0    | 46.0   | 65.6   |
| 1/30/2014  | Column Thickness   | 15.95            | 21.90  | 11.70  | 9.82             | 0.28   | Dry    | Dry    | NI     |
|            | Leachate Elevation | 711.62           | 703.53 | 709.66 | 679.13           | 704.46 | NA     | NA     | NA     |
| 2/28/2014  | Column Thickness   | 16.40            | NM     | 5.70   | 10.20            | Dry    | Dry    | Dry    | NI     |
|            | Leachate Elevation | 712.07           | NA     | 703.66 | 679.51           | NA     | NA     | NA     | NA     |
| 3/13/2014  | Column Thickness   | 16.60            | NM     | 6.10   | 9.60             | Dry    | Dry    | Dry    | NI     |
|            | Leachate Elevation | 712.27           | NA     | 704.06 | 678.91           | NA     | NA     | NA     | NA     |
| 4/9/2014   | Column Thickness   | 10.25            | 23.98  | 10.79  | 9.50             | Dry    | Dry    | Dry    | NI     |
|            | Leachate Elevation | 705.92           | 705.61 | 708.75 | 678.81           | NA     | NA     | NA     | NA     |
| 5/15/2014  | Column Thickness   | 10.45            | 24.00  | 11.30  | 9.50             | Dry    | Dry    | Dry    | NI     |
|            | Leachate Elevation | 706.12           | 705.63 | 709.26 | 678.81           | NA     | NA     | NA     | NA     |
| 6/10/2014  | Column Thickness   | 10.55            | 24.00  | 10.90  | 9.60             | Dry    | Dry    | Dry    | NI     |
|            | Leachate Elevation | 706.22           | 705.63 | 708.86 | 678.91           | NA     | NA     | NA     | NA     |
| 7/22/2014  | Column Thickness   | 10.75            | 24.20  | 11.10  | 9.90             | Dry    | Dry    | Dry    | NI     |
|            | Leachate Elevation | 706.42           | 705.83 | 709.06 | 679.21           | NA     | NA     | NA     | NA     |
| 8/21/2014  | Column Thickness   | 10.75            | 24.20  | 11.20  | 9.90             | Dry    | Dry    | Dry    | NI     |
|            | Leachate Elevation | 706.42           | 705.83 | 709.16 | 679.21           | NA     | NA     | NA     | NA     |
| 9/15/2014  | Column Thickness   | 10.75            | 24.20  | 11.10  | 10.20            | Dry    | Dry    | Dry    | NI     |
|            | Leachate Elevation | 706.42           | 705.83 | 709.06 | 679.51           | NA     | NA     | NA     | NA     |
| 10/13/2014 | Column Thickness   | 10.75            | 24.20  | 11.40  | 10.20            | Dry    | Dry    | Dry    | NI     |
|            | Leachate Elevation | 706.42           | 705.83 | 709.36 | 679.51           | NA     | NA     | NA     | NA     |
| 11/25/2014 | Column Thickness   | 10.75            | 24.20  | 10.60  | 10.20            | Dry    | Dry    | Dry    | NI     |
|            | Leachate Elevation | 706.42           | 705.83 | 708.56 | 679.51           | NA     | NA     | NA     | NA     |
| 12/10/2014 | Column Thickness   | 10.75            | 24.00  | 11.20  | 10.00            | Dry    | Dry    | Dry    | NI     |
|            | Leachate Elevation | 706.42           | 705.63 | 709.16 | 679.31           | NA     | NA     | NA     | NA     |
| 1/10/2015  | Column Thickness   | 15.75            | 24.30  | 10.50  | 10.20            | Dry    | Dry    | Dry    | NI     |
|            | Leachate Elevation | 711.42           | 705.93 | 708.46 | 679.51           | NA     | NA     | NA     | NA     |
| 2/8/2015   | Column Thickness   | 15.75            | 24.30  | 10.50  | 10.20            | Dry    | Dry    | Dry    | NI     |
|            | Leachate Elevation | 711.42           | 705.93 | 708.46 | 679.51           | NA     | NA     | NA     | NA     |
| 3/18/2015  | Column Thickness   | 15.75            | 24.30  | 10.50  | 10.20            | Dry    | Dry    | Dry    | NI     |
|            | Leachate Elevation | 711.42           | 705.93 | 708.46 | 679.51           | NA     | NA     | NA     | NA     |
| 4/10/2015  | Column Thickness   | 15.75            | 24.30  | 10.50  | 10.20            | Dry    | Dry    | Dry    | NI     |
|            | Leachate Elevation | 711.42           | 705.93 | 708.46 | 679.51           | NA     | NA     | NA     | NA     |
| 5/16/2015  | Column Thickness   | 15.75            | 24.30  | 10.50  | 10.20            | Dry    | Dry    | Dry    | NI     |
|            | Leachate Elevation | 711.42           | 705.93 | 708.46 | 679.51           | NA     | NA     | NA     | NA     |
| 6/4/2015   | Column Thickness   | 15.75            | 24.30  | 10.50  | 10.20            | Dry    | Dry    | Dry    | NI     |
|            | Leachate Elevation | 711.42           | 705.93 | 708.46 | 679.51           | NA     | NA     | NA     | NA     |
| 7/18/2015  | Column Thickness   | 15.75            | 24.70  | 10.10  | 10.20            | Dry    | Dry    | Dry    | NI     |
|            | Leachate Elevation | 711.42           | 706.33 | 708.06 | 679.51           | NA     | NA     | NA     | NA     |
| 8/10/2015  | Column Thickness   | 15.55            | 24.90  | 10.00  | 9.90             | Dry    | Dry    | Dry    | NI     |
|            | Leachate Elevation | 711.22           | 706.53 | 707.96 | 679.21           | NA     | NA     | NA     | NA     |
| 9/22/2015  | Column Thickness   | 15.75            | 25.00  | 10.20  | 9.90             | Dry    | Dry    | Dry    | NI     |
|            | Leachate Elevation | 711.42           | 706.63 | 708.16 | 679.21           | NA     | NA     | NA     | NA     |
| 10/2/2015  | Column Thickness   | 15.35            | 25.20  | 10.30  | 10.00            | Dry    | Dry    | Dry    | NI     |
|            | Leachate Elevation | 711.02           | 706.83 | 708.26 | 679.31           | NA     | NA     | NA     | NA     |
| 11/18/2015 | Column Thickness   | 15.25            | 25.00  | 10.10  | 10.20            | Dry    | Dry    | Dry    | NI     |
|            | Leachate Elevation | 710.92           | 706.63 | 708.06 | 679.51           | NA     | NA     | NA     | NA     |
| 12/2/2015  | Column Thickness   | 15.35            | 24.90  | 10.40  | 10.20            | Dry    | Dry    | Dry    | NI     |
|            | Leachate Elevation | 711.02           | 706.53 | 708.36 | 679.51           | NA     | NA     | NA     | NA     |

**Attachment B**  
**Historical Leachate Piezometer Column Thicknesses and Elevations**  
**Clinton County Sanitary Landfill - East**  
**Permit No. 23-SDP-01-74P**  
**Project No. 27223133.25**

| Date       | Leachate well      | North MSWLF Unit |        |        | South MSWLF Unit |        |        |        |        |
|------------|--------------------|------------------|--------|--------|------------------|--------|--------|--------|--------|
|            |                    | LMW-2A           | LMW-3A | LMW-4A | LMW-5A/5AR       | LMW-5B | LPZ-0  | LPZ-1  | LPZ-E1 |
|            |                    | 727.42           | 716.83 | 718.46 | 723.51           | 743.76 | 692.92 | 715.84 | NM     |
|            |                    | 31.8             | 35.2   | 20.5   | 54.2             | 39.6   | 9.0    | 46.0   | 65.6   |
| 1/4/2016   | Column Thickness   | 14.75            | 24.90  | 10.50  | 13.20            | Dry    | Dry    | Dry    | NI     |
|            | Leachate Elevation | 710.42           | 706.53 | 708.46 | 682.51           | NA     | NA     | NA     | NA     |
| 2/8/2016   | Column Thickness   | 14.45            | 25.20  | 10.30  | 12.20            | Dry    | Dry    | Dry    | NI     |
|            | Leachate Elevation | 710.12           | 706.83 | 708.26 | 681.51           | NA     | NA     | NA     | NA     |
| 3/7/2016   | Column Thickness   | 14.55            | 24.70  | 10.00  | 10.20            | Dry    | 0.40   | Dry    | NI     |
|            | Leachate Elevation | 710.22           | 706.33 | 707.96 | 679.51           | NA     | 684.32 | NA     | NA     |
| 4/4/2016   | Column Thickness   | 14.35            | 24.90  | 10.50  | 10.20            | Dry    | 1.00   | Dry    | NI     |
|            | Leachate Elevation | 710.02           | 706.53 | 708.46 | 679.51           | NA     | 684.92 | NA     | NA     |
| 5/2/2016   | Column Thickness   | 14.75            | 25.00  | 10.50  | 10.20            | Dry    | 1.20   | Dry    | NI     |
|            | Leachate Elevation | 710.42           | 706.63 | 708.46 | 679.51           | NA     | 685.12 | NA     | NA     |
| 6/1/2016   | Column Thickness   | 14.45            | 25.20  | 10.50  | A                | Dry    | 4.70   | Dry    | NI     |
|            | Leachate Elevation | 710.12           | 706.83 | 708.46 | A                | NA     | 688.62 | NA     | NA     |
| 7/14/2016  | Column Thickness   | 17.05            | 22.00  | 10.50  | A                | Dry    | 7.00   | Dry    | NI     |
|            | Leachate Elevation | 712.72           | 703.63 | 708.46 | A                | NA     | 690.92 | NA     | NA     |
| 8/15/2016  | Column Thickness   | M                | 22.00  | 11.50  | A                | 0.58   | Dry    | Dry    | NI     |
|            | Leachate Elevation | M                | 703.63 | 709.46 | A                | 704.76 | NA     | NA     | NA     |
| 9/13/2016  | Column Thickness   | M                | 22.30  | 12.50  | A                | 0.58   | Dry    | Dry    | NI     |
|            | Leachate Elevation | M                | 703.93 | 710.46 | A                | 704.76 | NA     | NA     | NA     |
| 10/16/2016 | Column Thickness   | M                | 22.20  | 12.00  | A                | 0.58   | Dry    | Dry    | NI     |
|            | Leachate Elevation | M                | 703.83 | 709.96 | A                | 704.76 | NA     | NA     | NA     |
| 11/1/2016  | Column Thickness   | M                | 22.40  | 12.50  | A                | 0.58   | Dry    | Dry    | NI     |
|            | Leachate Elevation | M                | 704.03 | 710.46 | A                | 704.76 | NA     | NA     | NA     |
| 12/3/2016  | Column Thickness   | M                | 22.40  | 12.10  | A                | 0.58   | Dry    | Dry    | NI     |
|            | Leachate Elevation | M                | 704.03 | 710.06 | A                | 704.76 | NA     | NA     | NA     |
| 1/6/2017   | Column Thickness   | M                | 22.70  | 12.50  | A                | 0.58   | Dry    | Dry    | NI     |
|            | Leachate Elevation | M                | 704.33 | 710.46 | A                | 704.76 | NA     | NA     | NA     |
| 2/15/2017  | Column Thickness   | M                | 22.40  | 12.10  | A                | 0.58   | Dry    | Dry    | NI     |
|            | Leachate Elevation | M                | 704.03 | 710.06 | A                | 704.76 | NA     | NA     | NA     |
| 3/8/2017   | Column Thickness   | M                | 22.40  | 12.10  | A                | 0.58   | Dry    | Dry    | NI     |
|            | Leachate Elevation | M                | 704.03 | 710.06 | A                | 704.76 | NA     | NA     | NA     |
| 4/5/2017   | Column Thickness   | M                | 22.60  | 12.50  | A                | 0.58   | Dry    | Dry    | NI     |
|            | Leachate Elevation | M                | 704.23 | 710.46 | A                | 704.76 | NA     | NA     | NA     |
| 5/6/2017   | Column Thickness   | M                | 22.70  | 12.50  | A                | 0.58   | Dry    | Dry    | NI     |
|            | Leachate Elevation | M                | 704.33 | 710.46 | A                | 704.76 | NA     | NA     | NA     |
| 6/29/2017  | Column Thickness   | M                | 22.70  | 12.30  | A                | 0.58   | Dry    | Dry    | NI     |
|            | Leachate Elevation | M                | 704.33 | 710.26 | A                | 704.76 | NA     | NA     | NA     |
| 7/3/2017   | Column Thickness   | M                | 22.70  | 12.50  | A                | 0.58   | Dry    | Dry    | NI     |
|            | Leachate Elevation | M                | 704.33 | 710.46 | A                | 704.76 | NA     | NA     | NA     |
| 8/16/2017  | Column Thickness   | M                | 22.20  | 12.50  | A                | 0.28   | Dry    | Dry    | NM     |
|            | Leachate Elevation | M                | 703.83 | 710.46 | A                | 704.46 | NA     | NA     | NA     |
| 9/28/2017  | Column Thickness   | M                | 22.70  | 12.20  | A                | 0.28   | Dry    | Dry    | NM     |
|            | Leachate Elevation | M                | 704.33 | 710.16 | A                | 704.46 | NA     | NA     | NA     |
| 10/5/2017  | Column Thickness   | M                | 22.60  | 12.30  | A                | 0.18   | Dry    | Dry    | NM     |
|            | Leachate Elevation | M                | 704.23 | 710.26 | A                | 704.36 | NA     | NA     | NA     |
| 11/27/2017 | Column Thickness   | M                | 22.80  | 12.50  | A                | 0.58   | Dry    | Dry    | NM     |
|            | Leachate Elevation | M                | 704.43 | 710.46 | A                | 704.76 | NA     | NA     | NA     |
| 12/1/2017  | Column Thickness   | M                | 22.90  | 12.30  | A                | 0.58   | Dry    | Dry    | NM     |
|            | Leachate Elevation | M                | 704.53 | 710.26 | A                | 704.76 | NA     | NA     | NA     |

**Attachment B**  
**Historical Leachate Piezometer Column Thicknesses and Elevations**  
**Clinton County Sanitary Landfill - East**  
**Permit No. 23-SDP-01-74P**  
**Project No. 27223133.25**

|            |                    | North MSWLF Unit |        |        | South MSWLF Unit |        |        |        |        |
|------------|--------------------|------------------|--------|--------|------------------|--------|--------|--------|--------|
| Date       | Leachate well      | LMW-2A           | LMW-3A | LMW-4A | LMW-5A/5AR       | LMW-5B | LPZ-0  | LPZ-1  | LPZ-E1 |
|            | TOC Elevation      | 727.42           | 716.83 | 718.46 | 723.51           | 743.76 | 692.92 | 715.84 | NM     |
|            | Total Depth        | 31.8             | 35.2   | 20.5   | 54.2             | 39.6   | 9.0    | 46.0   | 65.6   |
| 1/16/2018  | Column Thickness   | M                | 22.60  | 12.10  | A                | 0.58   | Dry    | Dry    | 0.04   |
|            | Leachate Elevation | M                | 704.23 | 710.06 | A                | 704.76 | NA     | NA     | NA     |
| 2/13/2018  | Column Thickness   | M                | 22.60  | 12.50  | A                | 0.58   | Dry    | Dry    | 0.05   |
|            | Leachate Elevation | M                | 704.23 | 710.46 | A                | 704.76 | NA     | NA     | NA     |
| 3/12/2018  | Column Thickness   | M                | 22.80  | 11.90  | A                | 0.58   | Dry    | Dry    | 0.04   |
|            | Leachate Elevation | M                | 704.43 | 709.86 | A                | 704.76 | NA     | NA     | NA     |
| 4/22/2018  | Column Thickness   | M                | 22.60  | 11.90  | A                | 0.58   | Dry    | Dry    | 0.03   |
|            | Leachate Elevation | M                | 704.23 | 709.86 | A                | 704.76 | NA     | NA     | NA     |
| 5/18/2018  | Column Thickness   | M                | 22.60  | 12.20  | A                | 0.58   | Dry    | Dry    | 0.04   |
|            | Leachate Elevation | M                | 704.23 | 710.16 | A                | 704.76 | NA     | NA     | NA     |
| 6/10/2018  | Column Thickness   | M                | 22.80  | 12.10  | A                | 0.58   | Dry    | Dry    | 0.46   |
|            | Leachate Elevation | M                | 704.43 | 710.06 | A                | 704.76 | NA     | NA     | NA     |
| 7/1/2018   | Column Thickness   | M                | NM     | NM     | A                | NM     | NM     | NM     | 0.69   |
|            | Leachate Elevation | M                | NA     | NA     | A                | NA     | NA     | NA     | NA     |
| 8/1/2018   | Column Thickness   | M                | NM     | NM     | A                | NM     | NM     | NM     | 0.70   |
|            | Leachate Elevation | M                | NA     | NA     | A                | NA     | NA     | NA     | NA     |
| 9/13/2018  | Column Thickness   | 17.05            | 21.30  | 11.90  | 1.07             | 1.28   | 2.10   | NM     | 0.68   |
|            | Leachate Elevation | 712.72           | 702.93 | 709.86 | 694.15           | 705.46 | 686.02 | NA     | NA     |
| 10/9/2018  | Column Thickness   | NM               | NM     | NM     | NM               | NM     | NM     | NM     | 0.82   |
|            | Leachate Elevation | NA               | NA     | NA     | NA               | NA     | NA     | NA     | NA     |
| 11/16/2018 | Column Thickness   | 16.85            | 22.00  | 11.80  | 0.97             | 1.18   | 2.00   | NM     | NM     |
|            | Leachate Elevation | 712.52           | 703.63 | 709.76 | 694.05           | 705.36 | 685.92 | NA     | NA     |
| 12/1/2018  | Column Thickness   | NM               | NM     | NM     | NM               | NM     | NM     | NM     | NM     |
|            | Leachate Elevation | NA               | NA     | NA     | NA               | NA     | NA     | NA     | NA     |
| 1/10/2019  | Column Thickness   | 16.95            | 22.20  | 11.90  | 0.47             | 1.58   | 2.10   | NM     | 0.24   |
|            | Leachate Elevation | 712.62           | 703.83 | 709.86 | 693.55           | 705.76 | 686.02 | NA     | NA     |
| 2/27/2019  | Column Thickness   | 17.05            | Frozen | 11.80  | 0.27             | 0.38   | 2.00   | NM     | 0.47   |
|            | Leachate Elevation | 712.72           | NA     | 709.76 | 693.35           | 704.56 | 685.92 | NA     | NA     |
| 3/15/2019  | Column Thickness   | NM               | NM     | NM     | NM               | NM     | NM     | NM     | 0.43   |
|            | Leachate Elevation | NA               | NA     | NA     | NA               | NA     | NA     | NA     | NA     |
| 4/7/2019   | Column Thickness   | 16.75            | 22.60  | 11.50  | 0.37             | 1.38   | 1.80   | NM     | 0.36   |
|            | Leachate Elevation | 712.42           | 704.23 | 709.46 | 693.45           | 705.56 | 685.72 | NA     | NA     |
| 5/7/2019   | Column Thickness   | 16.85            | 22.40  | 11.00  | 0.07             | 1.48   | 2.00   | NM     | 0.39   |
|            | Leachate Elevation | 712.52           | 704.03 | 708.96 | 693.15           | 705.66 | 685.92 | NA     | NA     |
| 6/3/2019   | Column Thickness   | 17.15            | 25.20  | 11.30  | Dry              | 1.48   | 2.20   | NM     | 0.36   |
|            | Leachate Elevation | 712.82           | 706.83 | 709.26 | NA               | 705.66 | 686.12 | NA     | NA     |
| 7/15/2019  | Column Thickness   | NM               | NM     | NM     | NM               | NM     | NM     | NM     | 0.31   |
|            | Leachate Elevation | NA               | NA     | NA     | NA               | NA     | NA     | NA     | NA     |
| 8/15/2019  | Column Thickness   | NM               | NM     | NM     | NM               | NM     | NM     | NM     | 0.28   |
|            | Leachate Elevation | NA               | NA     | NA     | NA               | NA     | NA     | NA     | NA     |
| 9/15/2019  | Column Thickness   | NM               | NM     | NM     | NM               | NM     | NM     | NM     | 0.25   |
|            | Leachate Elevation | NA               | NA     | NA     | NA               | NA     | NA     | NA     | NA     |
| 10/15/2019 | Column Thickness   | NM               | NM     | NM     | NM               | NM     | NM     | NM     | 0.24   |
|            | Leachate Elevation | NA               | NA     | NA     | NA               | NA     | NA     | NA     | NA     |
| 11/16/2019 | Column Thickness   | NM               | NM     | NM     | NM               | NM     | NM     | NM     | 0.22   |
|            | Leachate Elevation | NA               | NA     | NA     | NA               | NA     | NA     | NA     | NA     |
| 12/1/2019  | Column Thickness   | NM               | NM     | NM     | NM               | NM     | NM     | NM     | 0.21   |
|            | Leachate Elevation | NA               | NA     | NA     | NA               | NA     | NA     | NA     | NA     |

**Attachment B**  
**Historical Leachate Piezometer Column Thicknesses and Elevations**  
**Clinton County Sanitary Landfill - East**  
**Permit No. 23-SDP-01-74P**  
**Project No. 27223133.25**

|            |                    | North MSWLF Unit |        |        | South MSWLF Unit |        |        |        |        |
|------------|--------------------|------------------|--------|--------|------------------|--------|--------|--------|--------|
| Date       | Leachate well      | LMW-2A           | LMW-3A | LMW-4A | LMW-5A/5AR       | LMW-5B | LPZ-0  | LPZ-1  | LPZ-E1 |
|            | TOC Elevation      | 727.42           | 716.83 | 718.46 | 723.51           | 743.76 | 692.92 | 715.84 | NM     |
|            | Total Depth        | 31.8             | 35.2   | 20.5   | 54.2             | 39.6   | 9.0    | 46.0   | 65.6   |
| 1/10/2020  | Column Thickness   | NM               | NM     | NM     | NM               | NM     | NM     | NM     | 0.20   |
|            | Leachate Elevation | NA               | NA     | NA     | NA               | NA     | NA     | NA     | NA     |
| 2/27/2020  | Column Thickness   | NM               | NM     | NM     | NM               | NM     | NM     | NM     | 0.19   |
|            | Leachate Elevation | NA               | NA     | NA     | NA               | NA     | NA     | NA     | NA     |
| 3/15/2020  | Column Thickness   | NM               | NM     | NM     | NM               | NM     | NM     | NM     | 0.16   |
|            | Leachate Elevation | NA               | NA     | NA     | NA               | NA     | NA     | NA     | NA     |
| 4/26/2020  | Column Thickness   | 16.95            | 25.10  | 11.20  | 0.47             | 1.28   | 2.50   | NM     | 0.15   |
|            | Leachate Elevation | 712.62           | 706.73 | 709.16 | 693.55           | 705.46 | 686.42 | NA     | NA     |
| 5/24/2020  | Column Thickness   | 16.85            | 25.00  | 11.20  | 0.07             | 12.18  | 2.30   | NM     | 0.14   |
|            | Leachate Elevation | 712.52           | 706.63 | 709.16 | 693.15           | 716.36 | 686.22 | NA     | NA     |
| 6/19/2020  | Column Thickness   | 16.75            | 25.20  | 11.20  | 0.37             | 12.08  | 2.50   | NM     | 0.14   |
|            | Leachate Elevation | 712.42           | 706.83 | 709.16 | 693.45           | 716.26 | 686.42 | NA     | NA     |
| 7/16/2020  | Column Thickness   | 16.65            | 24.90  | 11.20  | 0.07             | 11.98  | 2.40   | NM     | 0.13   |
|            | Leachate Elevation | 712.32           | 706.53 | 709.16 | 693.15           | 716.16 | 686.32 | NA     | NA     |
| 8/13/2020  | Column Thickness   | 16.95            | 25.30  | 11.30  | 1.57             | 12.38  | 2.60   | NM     | 0.12   |
|            | Leachate Elevation | 712.62           | 706.93 | 709.26 | 694.65           | 716.56 | 686.52 | NA     | NA     |
| 9/8/2020   | Column Thickness   | 16.95            | 25.00  | 11.70  | 1.07             | 9.58   | NM     | NM     | 0.15   |
|            | Leachate Elevation | 712.62           | 706.63 | 709.66 | 694.15           | 713.76 | NA     | NA     | NA     |
| 10/15/2020 | Column Thickness   | 17.05            | 22.10  | 13.20  | Dry              | 0.58   | NM     | NM     | 0.15   |
|            | Leachate Elevation | 712.72           | 703.73 | 711.16 | NA               | 704.76 | NA     | NA     | NA     |
| 11/27/2020 | Column Thickness   | 16.15            | 22.60  | 11.50  | Dry              | Dry    | NM     | NM     | 0.27   |
|            | Leachate Elevation | 711.82           | 704.23 | 709.46 | NA               | NA     | NA     | NA     | NA     |
| 12/16/2020 | Column Thickness   | 15.95            | 25.00  | 10.70  | Dry              | Dry    | NM     | NM     | NM     |
|            | Leachate Elevation | 711.62           | 706.63 | 708.66 | NA               | NA     | NA     | NA     | NA     |
| 1/27/2021  | Column Thickness   | 15.55            | 27.40  | 9.70   | Dry              | Dry    | NM     | NM     | NM     |
|            | Leachate Elevation | 711.22           | 709.03 | 707.66 | NA               | NA     | NA     | NA     | NA     |
| 2/27/2021  | Column Thickness   | NM               | NM     | NM     | NM               | NM     | NM     | NM     | NM     |
|            | Leachate Elevation | NA               | NA     | NA     | NA               | NA     | NA     | NA     | NA     |
| 3/15/2021  | Column Thickness   | NM               | NM     | NM     | NM               | NM     | NM     | NM     | NM     |
|            | Leachate Elevation | NA               | NA     | NA     | NA               | NA     | NA     | NA     | NA     |
| 4/24/2021  | Column Thickness   | 16.45            | 23.10  | 12.10  | Dry              | 14.98  | NM     | NM     | NM     |
|            | Leachate Elevation | 712.12           | 704.73 | 710.06 | NA               | 719.16 | NA     | NA     | NA     |
| 5/6/2021   | Column Thickness   | 16.95            | 22.40  | 11.00  | Dry              | 0.58   | NM     | NM     | NM     |
|            | Leachate Elevation | 712.62           | 704.03 | 708.96 | NA               | 704.76 | NA     | NA     | NA     |
| 6/9/2021   | Column Thickness   | 17.35            | 22.70  | 11.20  | Dry              | 4.18   | NM     | NM     | NM     |
|            | Leachate Elevation | 713.02           | 704.33 | 709.16 | NA               | 708.36 | NA     | NA     | NA     |
| 7/7/2021   | Column Thickness   | 17.55            | 23.10  | 11.50  | Dry              | 6.08   | Dry    | NM     | NM     |
|            | Leachate Elevation | 713.22           | 704.73 | 709.46 | NA               | 710.26 | NA     | NA     | NA     |
| 8/9/2021   | Column Thickness   | 14.75            | 23.60  | 13.60  | Dry              | 7.18   | Dry    | NM     | NM     |
|            | Leachate Elevation | 710.42           | 705.23 | 711.56 | NA               | 711.36 | NA     | NA     | NA     |
| 9/8/2021   | Column Thickness   | NM               | NM     | NM     | NM               | NM     | NM     | NM     | NM     |
|            | Leachate Elevation | NA               | NA     | NA     | NA               | NA     | NA     | NA     | NA     |
| 10/15/2021 | Column Thickness   | NM               | NM     | NM     | NM               | NM     | NM     | NM     | Dry    |
|            | Leachate Elevation | NA               | NA     | NA     | NA               | NA     | NA     | NA     | NA     |
| 11/10/2021 | Column Thickness   | 15.75            | NM     | 11.00  | Dry              | 25.08  | Dry    | NM     | NM     |
|            | Leachate Elevation | 711.42           | NA     | 708.96 | NA               | 729.26 | NA     | NA     | NA     |
| 12/10/2021 | Column Thickness   | 15.85            | NM     | 11.00  | Dry              | 0.38   | Dry    | NM     | NM     |
|            | Leachate Elevation | 711.52           | NA     | 708.96 | NA               | 704.56 | NA     | NA     | NA     |

**Attachment B**  
**Historical Leachate Piezometer Column Thicknesses and Elevations**  
**Clinton County Sanitary Landfill - East**  
**Permit No. 23-SDP-01-74P**  
**Project No. 27223133.25**

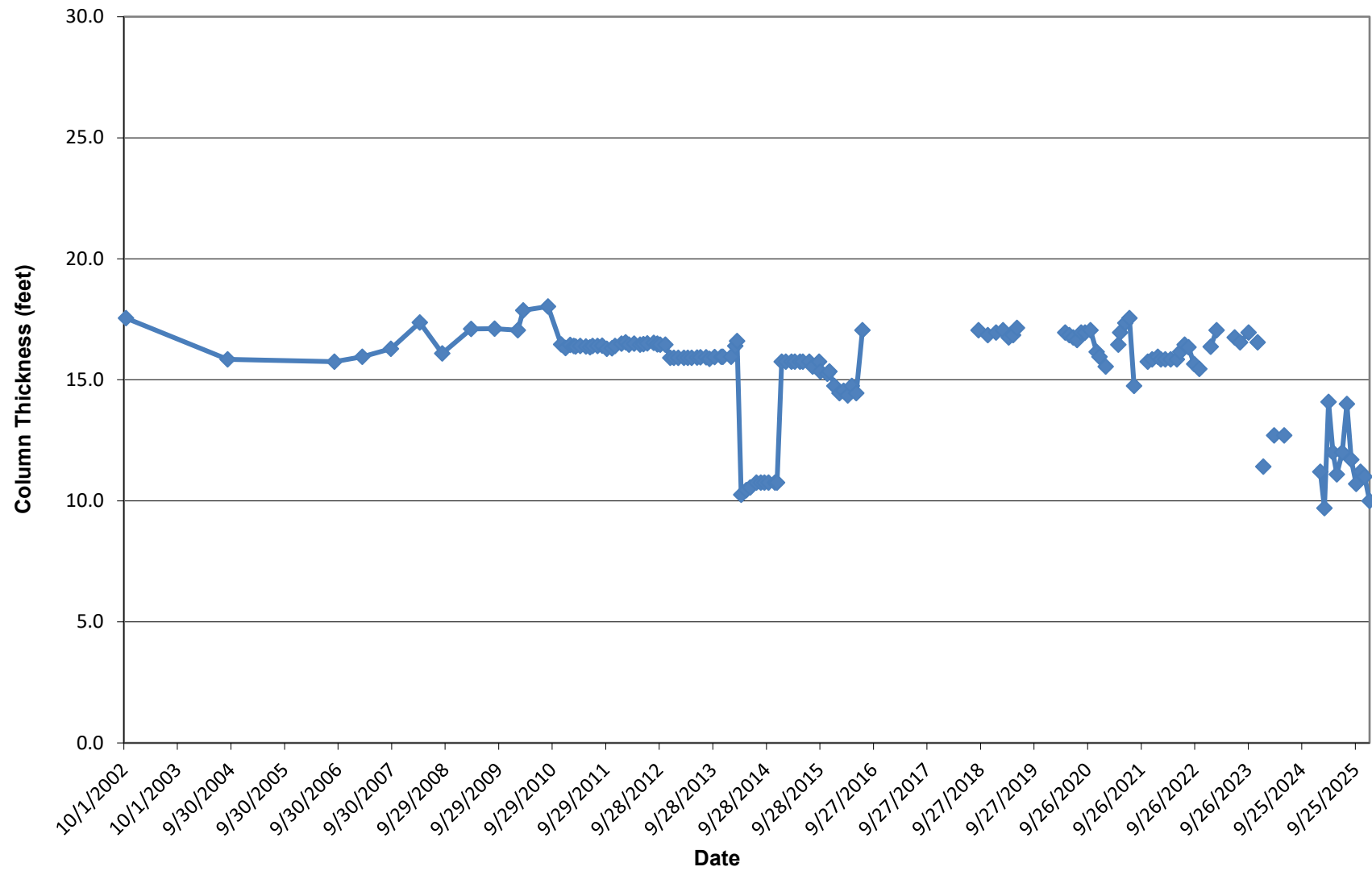
|            |                    | North MSWLF Unit |        |        | South MSWLF Unit |        |        |            |        |
|------------|--------------------|------------------|--------|--------|------------------|--------|--------|------------|--------|
| Date       | Leachate well      | LMW-2A           | LMW-3A | LMW-4A | LMW-5A/5AR       | LMW-5B | LPZ-0  | LPZ-1      | LPZ-E1 |
|            | TOC Elevation      | 727.42           | 716.83 | 718.46 | 723.51           | 743.76 | 692.92 | 715.84     | NM     |
|            | Total Depth        | 31.8             | 35.2   | 20.5   | 54.2             | 39.6   | 9.0    | 46.0       | 65.6   |
| 1/18/2022  | Column Thickness   | 15.95            | NM     | 10.30  | Dry              | Dry    | Dry    | NM         | NM     |
|            | Leachate Elevation | 711.62           | NA     | 708.26 | NA               | NA     | NA     | NA         | NA     |
| 2/8/2022   | Column Thickness   | 15.85            | NM     | 10.20  | Dry              | Dry    | Dry    | NM         | NM     |
|            | Leachate Elevation | 711.52           | NA     | 708.16 | NA               | NA     | NA     | NA         | NA     |
| 3/10/2022  | Column Thickness   | 15.85            | NM     | 10.20  | Dry              | Dry    | Dry    | NM         | NM     |
|            | Leachate Elevation | 711.52           | NA     | 708.16 | NA               | NA     | NA     | NA         | NA     |
| 4/15/2022  | Column Thickness   | 15.85            | NM     | 11.70  | Dry              | 1.48   | Dry    | NM         | NM     |
|            | Leachate Elevation | 711.52           | NA     | 709.66 | NA               | 705.66 | NA     | NA         | NA     |
| 5/27/2022  | Column Thickness   | 15.85            | NM     | 11.70  | 0.07             | 1.58   | Dry    | NM         | NM     |
|            | Leachate Elevation | 711.52           | NA     | 709.66 | 693.15           | 705.76 | NA     | NA         | NA     |
| 6/19/2022  | Column Thickness   | 16.15            | NM     | 10.50  | 0.07             | 2.98   | Dry    | NM         | NM     |
|            | Leachate Elevation | 711.82           | NA     | 708.46 | 693.15           | 707.16 | NA     | NA         | NA     |
| 7/19/2022  | Column Thickness   | 16.45            | NM     | 10.30  | 0.37             | 2.78   | Dry    | NM         | NM     |
|            | Leachate Elevation | 712.12           | NA     | 708.26 | 693.45           | 706.96 | NA     | NA         | NA     |
| 8/15/2022  | Column Thickness   | 16.35            | NM     | 10.10  | Dry              | 2.68   | Dry    | NM         | Dry    |
|            | Leachate Elevation | 712.02           | NA     | 708.06 | NA               | 706.86 | NA     | NA         | NA     |
| 9/22/2022  | Column Thickness   | 15.65            | NM     | 10.80  | 0.47             | 24.88  | Dry    | NM         | Dry    |
|            | Leachate Elevation | 711.32           | NA     | 708.76 | 693.55           | 729.06 | NA     | NA         | NA     |
| 10/15/2022 | Column Thickness   | 15.45            | NM     | 11.00  | Dry              | 25.28  | Dry    | NM         | Dry    |
|            | Leachate Elevation | 711.12           | NA     | 708.96 | NA               | 729.46 | NA     | NA         | NA     |
| 11/10/2022 | Column Thickness   | NM               | NM     | NM     | NM               | NM     | NM     | NM         | Dry    |
|            | Leachate Elevation | NA               | NA     | NA     | NA               | NA     | NA     | NA         | NA     |
| 12/10/2022 | Column Thickness   | NM               | NM     | NM     | NM               | NM     | NM     | NM         | Dry    |
|            | Leachate Elevation | NA               | NA     | NA     | NA               | NA     | NA     | NA         | NA     |
| 1/12/2023  | Column Thickness   | 16.37            | NM     | 13.91  | 0.29             | 2.19   | Dry    | NM         | Dry    |
|            | Leachate Elevation | 712.04           | NA     | 711.87 | 693.37           | 706.37 | NA     | NA         | NA     |
| 2/23/2023  | Column Thickness   | 17.05            | NM     | 13.64  | Dry              | 2.17   | Dry    | NM         | Dry    |
|            | Leachate Elevation | 712.72           | NA     | 711.60 | NA               | 706.35 | NA     | NA         | NA     |
| 3/10/2023  | Column Thickness   | NM               | NM     | NM     | NM               | NM     | NM     | NM         | Dry    |
|            | Leachate Elevation | NA               | NA     | NA     | NA               | NA     | NA     | NA         | NA     |
| 4/15/2023  | Column Thickness   | NM               | NM     | NM     | NM               | NM     | NM     | NM         | Dry    |
|            | Leachate Elevation | NA               | NA     | NA     | NA               | NA     | NA     | NA         | NA     |
| 5/27/2023  | Column Thickness   | NM               | NM     | NM     | NM               | NM     | NM     | NM         | 0.07   |
|            | Leachate Elevation | NA               | NA     | NA     | NA               | NA     | NA     | NA         | NM     |
| 6/26/2023  | Column Thickness   | 16.75            | NM     | 12.50  | Dry              | 2.78   | Dry    | NM         | 0.06   |
|            | Leachate Elevation | 712.42           | NA     | 710.46 | NA               | 706.96 | NA     | NA         | NM     |
| 7/19/2023  | Column Thickness   | NM               | NM     | NM     | NM               | NM     | NM     | NM         | 0.06   |
|            | Leachate Elevation | NA               | NA     | NA     | NA               | NA     | NA     | NA         | NA     |
| 8/2/2023   | Column Thickness   | 16.55            | 23.20  | 12.50  | Dry              | 16.58  | Dry    | 7.10       | 0.05   |
|            | Leachate Elevation | 712.22           | 704.83 | 710.46 | NA               | 720.76 | NA     | 716.83     | NM     |
| 9/29/2023  | Column Thickness   | 16.95            | 22.80  | 11.60  | 0.27             | 10.48  | Dry    | NM         | 0.05   |
|            | Leachate Elevation | 712.62           | 704.43 | 709.56 | 693.35           | 714.66 | NA     | NA         | NM     |
| 10/15/2023 | Column Thickness   | NM               | NM     | NM     | NM               | NM     | NM     | NM         | 1.60   |
|            | Leachate Elevation | NA               | NA     | NA     | NA               | NA     | NA     | NA         | NM     |
| 11/29/2023 | Column Thickness   | 16.55            | 23.20  | 11.90  | 0.37             | 2.28   | Dry    | NM         | 5.60   |
|            | Leachate Elevation | 712.22           | 704.83 | 709.86 | 706.22           | 706.46 | NA     | NA         | NM     |
| 12/1/2023  | Column Thickness   | NM               | NM     | NM     | NM               | NM     | NM     | NM         | NM     |
|            | Leachate Elevation | NA               | NA     | NA     | NA               | NA     | NA     | NA         | NA     |
| 1/6/2024   | Column Thickness   | 11.42            | 13.50  | 13.33  | Frozen           | 3.08   | NM     | Obstructed | NM     |
|            | Leachate Elevation | 711.84           | 704.33 | 711.71 | NA               | 707.51 | NA     | NA         | NA     |
| 2/1/2024   | Column Thickness   | NM               | NM     | NM     | NM               | NM     | NM     | NM         | NM     |
|            | Leachate Elevation | NA               | NA     | NA     | NA               | NA     | NA     | NA         | NA     |
| 3/20/2024  | Column Thickness   | 12.70            | 15.80  | 12.30  | 0.70             | 19.30  | 0.10   | Obstructed | NM     |
|            | Leachate Elevation | 713.22           | 706.73 | 710.66 | 702.11           | 723.76 | 686.52 | NA         | NA     |
| 4/1/2024   | Column Thickness   | NM               | NM     | NM     | NM               | NM     | NM     | NM         | NM     |
|            | Leachate Elevation | NA               | NA     | NA     | NA               | NA     | NA     | NA         | NA     |
| 5/28/2024  | Column Thickness   | 12.70            | 14.40  | 13.00  | 0.50             | 22.70  | Dry    | Obstructed | NM     |
|            | Leachate Elevation | 713.22           | 705.43 | 711.36 | 701.91           | 727.06 | NA     | NA         | NA     |



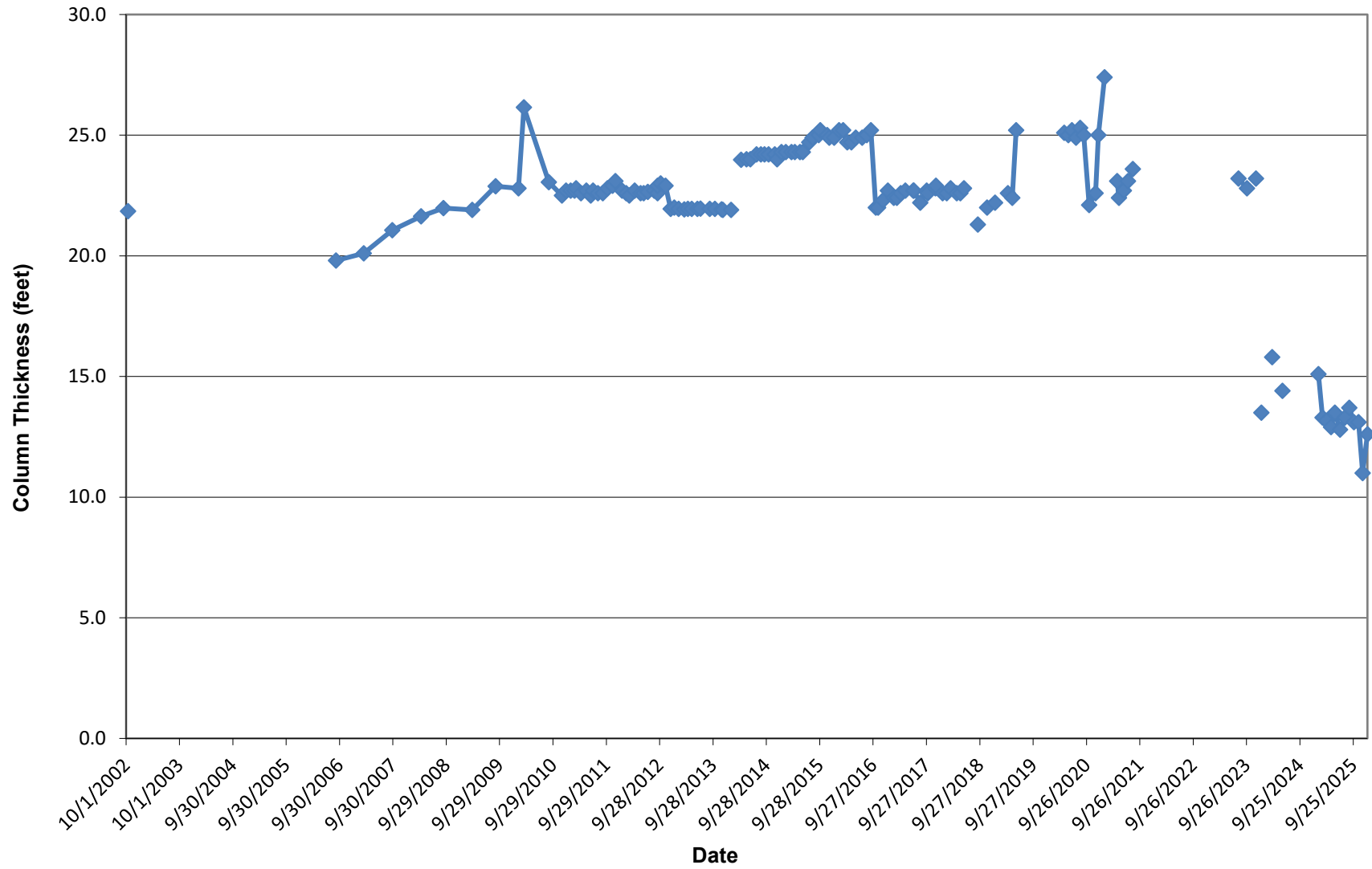
**Attachment B**  
**Historical Leachate Piezometer Column Thicknesses and Elevations**  
**Clinton County Sanitary Landfill - East**  
**Permit No. 23-SDP-01-74P**  
**Project No. 27223133.25**

| Date       | Leachate well      | North MSWLF Unit |        |        | South MSWLF Unit |        |        |        |        |
|------------|--------------------|------------------|--------|--------|------------------|--------|--------|--------|--------|
|            |                    | LMW-2A           | LMW-3A | LMW-4A | LMW-5A/5AR       | LMW-5B | LPZ-0  | LPZ-1  | LPZ-E1 |
|            |                    | 727.42           | 716.83 | 718.46 | 723.51           | 743.76 | 692.92 | 715.84 | NM     |
|            |                    | 31.8             | 35.2   | 20.5   | 54.2             | 39.6   | 9.0    | 46.0   | 65.6   |
| 6/1/2024   | Column Thickness   | NM               | NM     | NM     | NM               | NM     | NM     | NM     | NM     |
|            | Leachate Elevation | NA               | NA     | NA     | NA               | NA     | NA     | NA     | NA     |
| 7/1/2024   | Column Thickness   | NM               | NM     | NM     | NM               | NM     | NM     | NM     | NM     |
|            | Leachate Elevation | NA               | NA     | NA     | NA               | NA     | NA     | NA     | NA     |
| 8/1/2024   | Column Thickness   | NM               | NM     | NM     | NM               | NM     | NM     | NM     | NM     |
|            | Leachate Elevation | NA               | NA     | NA     | NA               | NA     | NA     | NA     | NA     |
| 9/1/2024   | Column Thickness   | NM               | NM     | NM     | NM               | NM     | NM     | NM     | NM     |
|            | Leachate Elevation | NA               | NA     | NA     | NA               | NA     | NA     | NA     | NA     |
| 10/1/2024  | Column Thickness   | NM               | NM     | NM     | NM               | NM     | NM     | NM     | NM     |
|            | Leachate Elevation | NA               | NA     | NA     | NA               | NA     | NA     | NA     | NA     |
| 11/1/2024  | Column Thickness   | NM               | NM     | NM     | NM               | NM     | NM     | NM     | NM     |
|            | Leachate Elevation | NA               | NA     | NA     | NA               | NA     | NA     | NA     | NA     |
| 12/1/2024  | Column Thickness   | NM               | NM     | NM     | NM               | NM     | NM     | NM     | NM     |
|            | Leachate Elevation | NA               | NA     | NA     | NA               | NA     | NA     | NA     | NA     |
| 1/29/2025  | Column Thickness   | 11.20            | 15.10  | 10.50  | 2.30             | 4.50   | 0.00   | 2.00   | 0.13   |
|            | Leachate Elevation | 711.82           | 704.33 | 708.96 | 702.01           | 722.26 | 677.92 | 699.84 | NM     |
| 2/26/2025  | Column Thickness   | 9.70             | 13.30  | 10.90  | 0.40             | 1.50   | Dry    | 0.60   | NM     |
|            | Leachate Elevation | 717.92           | 704.13 | 702.36 | 702.91           | 704.66 | Dry    | 698.24 | NA     |
| 3/20/2025  | Column Thickness   | 14.09            | 13.17  | 12.65  | 0.61             | 1.67   | Dry    | Dry    | NM     |
|            | Leachate Elevation | 711.11           | 704.20 | 711.01 | 702.07           | 706.13 | Dry    | Dry    | NA     |
| 4/26/2025  | Column Thickness   | 12.00            | 12.90  | 11.10  | 5.70             | 17.80  | Dry    | Dry    | NM     |
|            | Leachate Elevation | 719.32           | 703.93 | 702.66 | 702.01           | 727.36 | Dry    | Dry    | NA     |
| 5/22/2025  | Column Thickness   | 11.10            | 13.50  | 13.20  | 2.00             | DRY    | Dry    | 0.80   | 0.21   |
|            | Leachate Elevation | 711.42           | 704.33 | 711.66 | 703.51           | DRY    | Dry    | 698.64 | NM     |
| 6/27/2025  | Column Thickness   | 12.00            | 12.80  | 10.60  | 0.70             | 22.90  | Dry    | Dry    | 0.21   |
|            | Leachate Elevation | 719.32           | 704.13 | 709.06 | 702.01           | 727.36 | Dry    | Dry    | NM     |
| 7/30/2025  | Column Thickness   | 14.00            | 13.30  | 11.50  | 0.50             | 18.20  | Dry    | Dry    | 0.18   |
|            | Leachate Elevation | 720.42           | 704.33 | 702.86 | 702.01           | 724.96 | Dry    | Dry    | NA     |
| 8/29/2025  | Column Thickness   | 11.70            | 13.70  | 11.60  | 0.70             | 19.00  | Dry    | Dry    | 0.14   |
|            | Leachate Elevation | 712.22           | 704.63 | 709.86 | 702.21           | 722.96 | Dry    | Dry    | NM     |
| 9/30/2025  | Column Thickness   | 10.70            | 13.10  | 11.10  | Dry              | 2.70   | Dry    | Dry    | 0.15   |
|            | Leachate Elevation | 718.12           | 704.53 | 703.06 | Dry              | 707.16 | Dry    | Dry    | NM     |
| 10/31/2025 | Column Thickness   | 11.20            | 13.10  | 11.20  | Dry              | Dry    | Dry    | Dry    | 0.16   |
|            | Leachate Elevation | 711.62           | 704.33 | 709.46 | Dry              | Dry    | Dry    | Dry    | NM     |
| 11/28/2025 | Column Thickness   | 11.00            | 11.00  | 4.00   | Dry              | 2.00   | Dry    | Dry    | NM     |
|            | Leachate Elevation | 711.42           | 707.63 | 701.96 | Dry              | 705.96 | Dry    | Dry    | NA     |
| 12/31/2025 | Column Thickness   | 10.00            | 12.60  | 11.20  | 0.70             | 4.20   | Dry    | Dry    | NM     |
|            | Leachate Elevation | 717.22           | 703.63 | 702.56 | 702.11           | 707.76 | Dry    | Dry    | NA     |

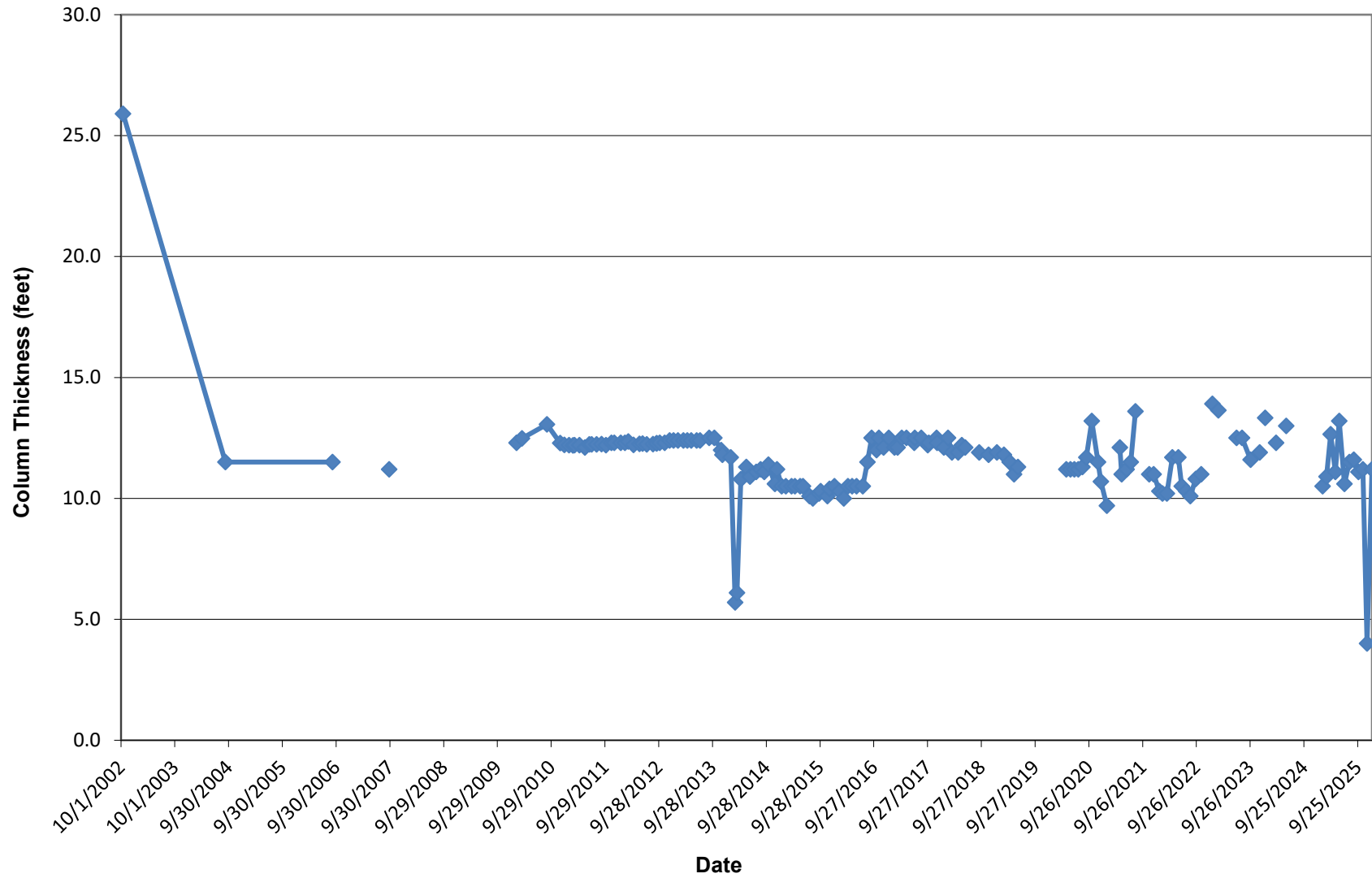
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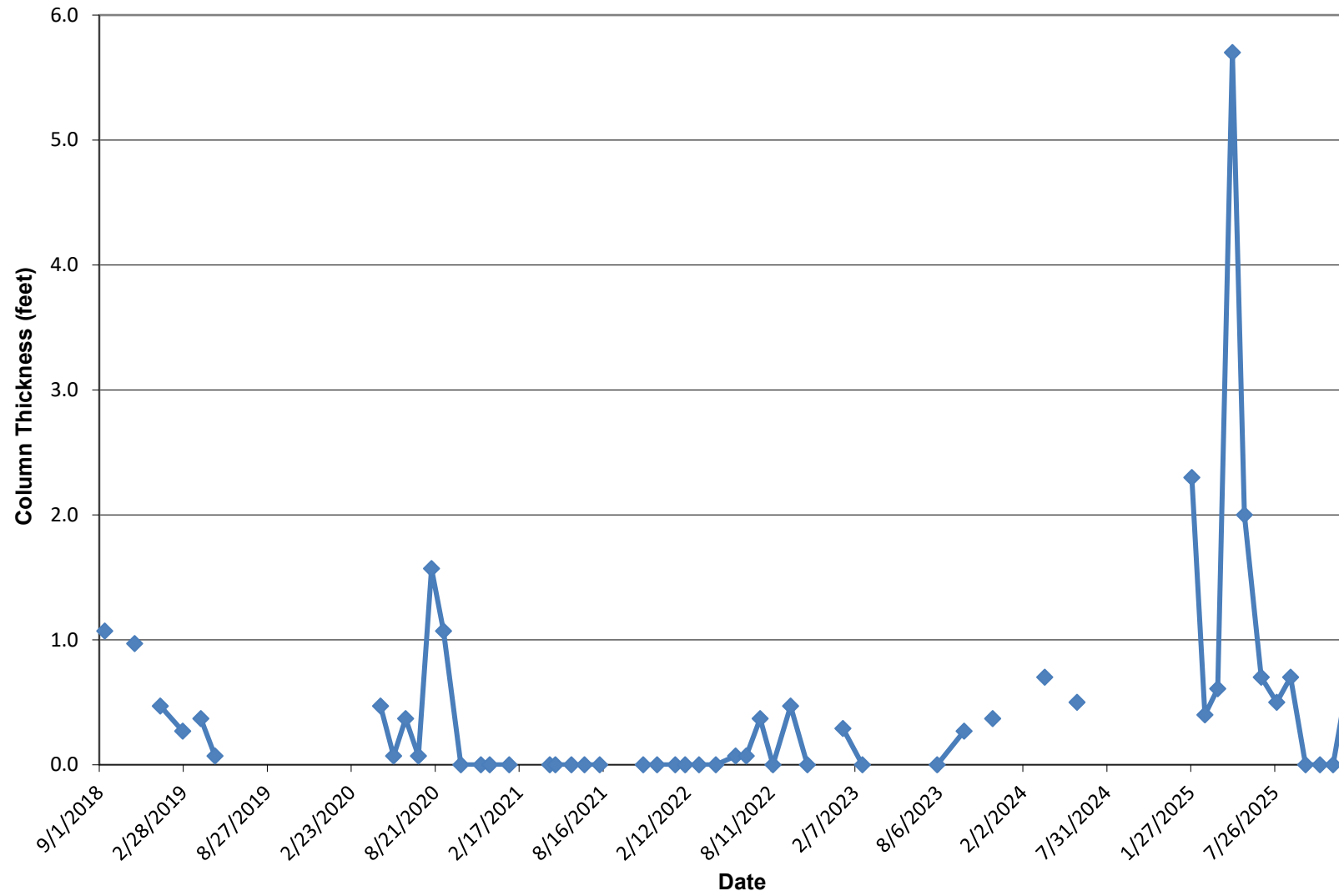
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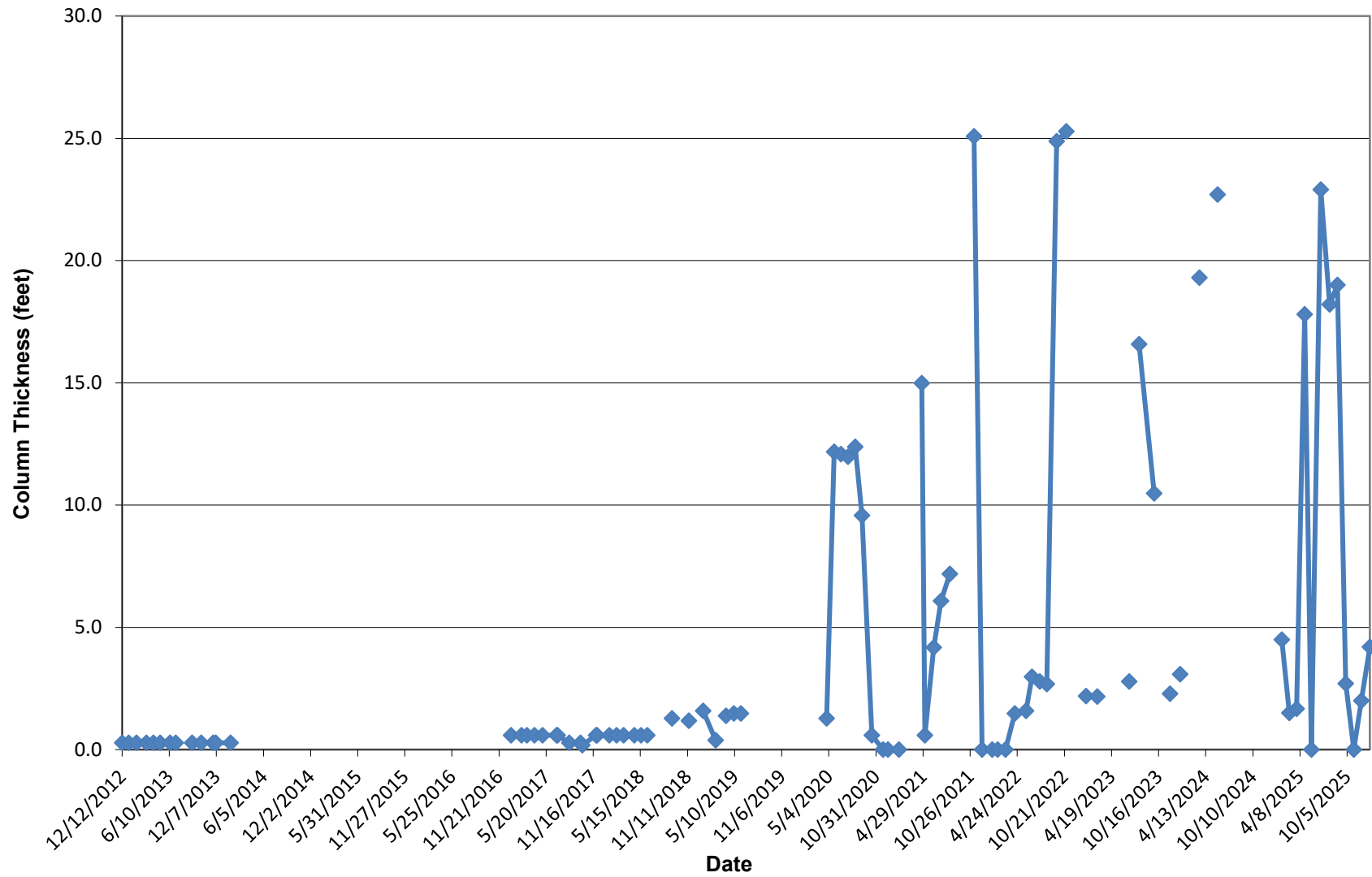
# LMW-4A



# LMW-5AR



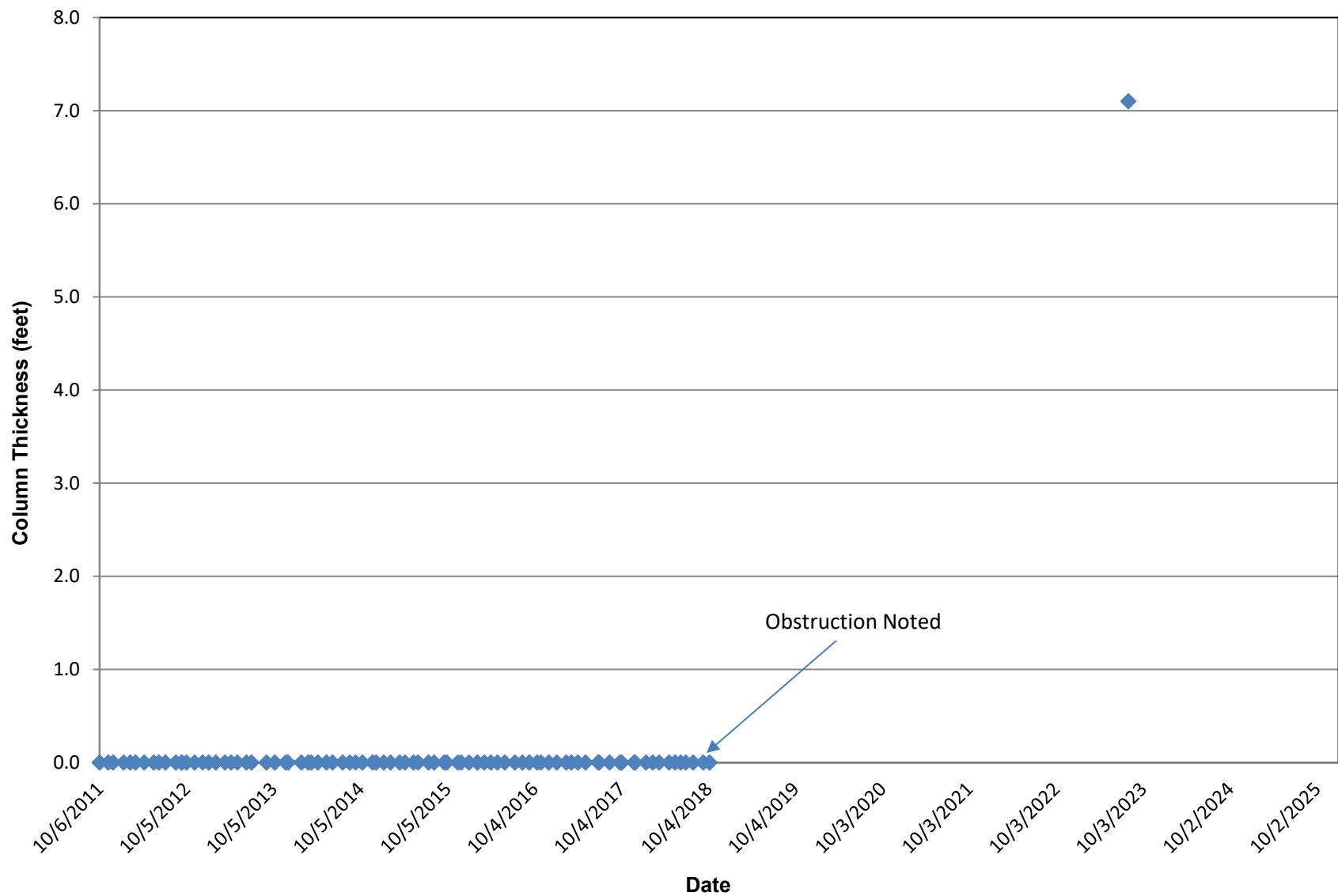
# LMW-5B



**LPZ-0**

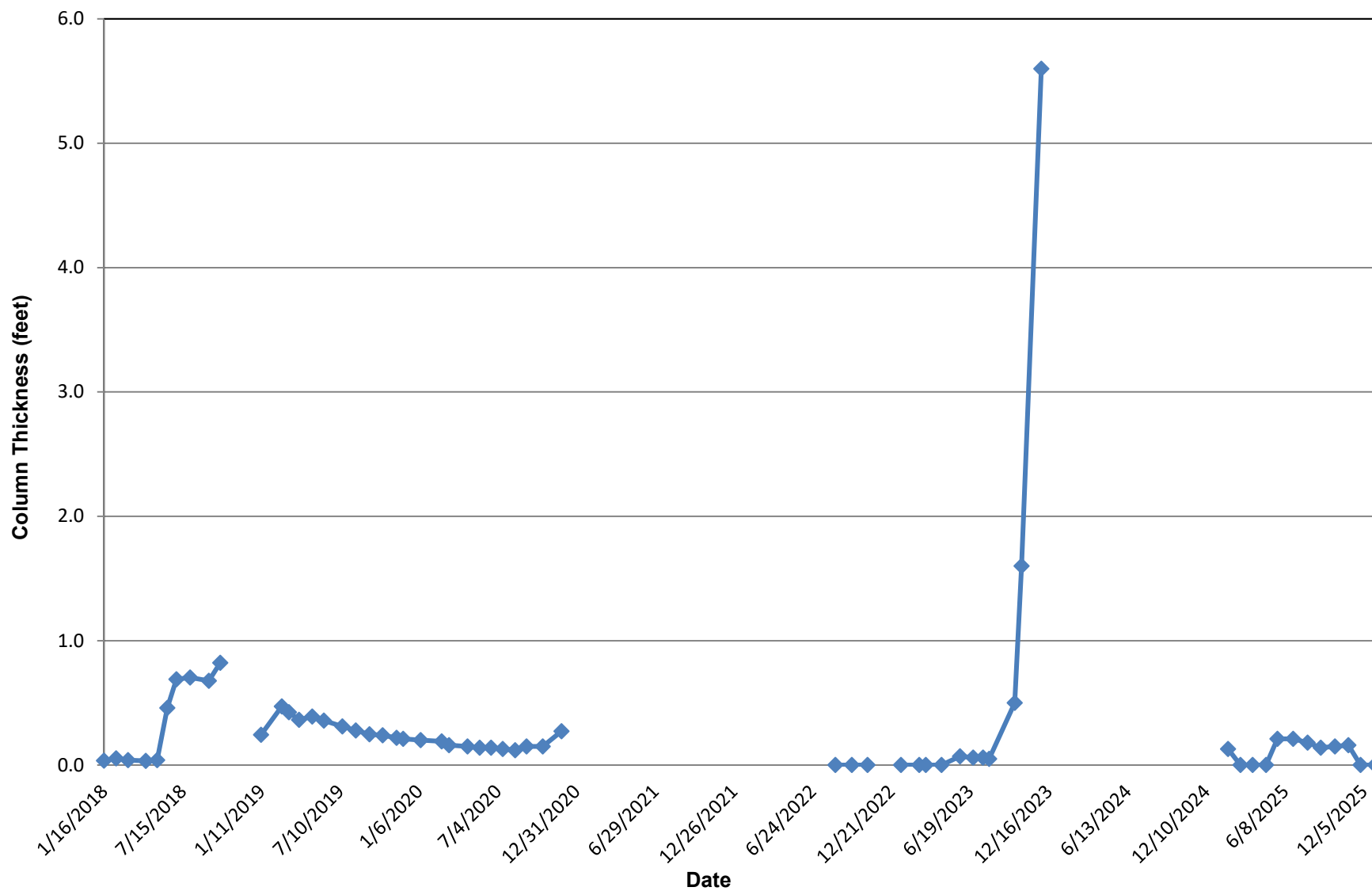


# LPZ-1





# LPZ-E1





## Appendix H

### 2025 Landfill Gas Annual Report

**Gas Monitoring Summary**  
**2025 Gas Monitoring Report**  
**Clinton County Sanitary Landfill - East**  
**Permit No. 23-SDP-01-74P**

| Monitoring Points              |            |                                                             | Methane Results (% LEL) |                    |                     |                     |    |
|--------------------------------|------------|-------------------------------------------------------------|-------------------------|--------------------|---------------------|---------------------|----|
| Name                           | Type       | Description                                                 | 1/27/2025 - S (Y/N)     | 5/1/2025 - S (Y/N) | 9/23/2025 - S (Y/N) | 11/3/2025 - S (Y/N) |    |
| #1. Office                     | Indoor     | Inside Office Building                                      | 0                       | 0                  | 0                   | 0                   |    |
| #2A. Scale House (main floor)  | Indoor     | Main Floor of Scale House                                   | 0                       | 0                  | 0                   | 0                   |    |
| #2B. Scale House Basement      | Indoor     | Basement of Scale House                                     | 0                       | 0                  | 0                   | 0                   |    |
| #3. Paint Building             | Indoor     | Inside Paint Building                                       | 0                       | 0                  | 0                   | 0                   |    |
| #4. Bioreactor Intake Building | Indoor     | Inside Bioreactor Intake Building                           | 0                       | 0                  | 0                   | 0                   |    |
| #5. Bioreactor Output Building | Indoor     | Inside Bioreactor Output Building                           | 0                       | 0                  | 0                   | 0                   |    |
| #6. New Maintenance Building   | Indoor     | Inside New Maintenance Building                             | 0                       | 0                  | 0                   | 0                   |    |
| #9. Recycling Center           | Indoor     | Inside Recycling Center                                     | 0                       | 0                  | 0                   | 0                   |    |
| #17. LFGW-3                    | Subsurface | Vadose zone on the southeast side of the southern footprint | 0                       | 0                  | N                   | 0                   | N  |
| #18. LFGW-1                    | Subsurface | Vadose zone east of the southern footprint                  | 0                       | N                  | 0                   | N                   | N  |
| #19. MW-21                     | Subsurface | Vadose zone between northern and southern footprints        | 48                      | N                  | 24                  | N                   | 80 |
| #22. MW-19                     | Subsurface | Vadose zone on the south side of the southern footprint     | 0                       | N                  | 0                   | N                   | 0  |
| #23. MW-05-8R                  | Subsurface | Vadose zone on the south side of the southern footprint     | 0                       | N                  | 0                   | N                   | 0  |
| #24. LFGW-2                    | Subsurface | Vadose zone west of the northern footprint                  | 0                       | N                  | 0                   | Y                   | 0  |
| #25. LFGW-4                    | Subsurface | Vadose zone northwest of the southern footprint             | 0                       | N                  | 0                   | N                   | 0  |
| #26. LFGW-5                    | Subsurface | Vadose zone north of northern footprint                     | 0                       | N                  | 0                   | N                   | 0  |
| #27. LFGW-6                    | Subsurface | Vadose zone northeast of northern footprint                 | 0                       | N                  | 0                   | N                   | 0  |
| #28. LFGW-7                    | Subsurface | Vadose zone east of northern footprint                      | 0                       | N                  | 0                   | N                   | 0  |
| #29. MW-90-5                   | Subsurface | Vadose between northern and southern footprints             | 0                       | Y                  | 0                   | Y                   | 0  |
| #30. MW-26                     | Subsurface | Vadose between northern and southern footprints             | 46                      | N                  | 61                  | N                   | 6  |
| #31 Phase E-1 Gas Vent         | Subsurface | Vadose zone venting waste from original southern footprint  | 28                      | 0                  | 0                   | 47                  | 28 |

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

NM - Not measured, inaccessible.

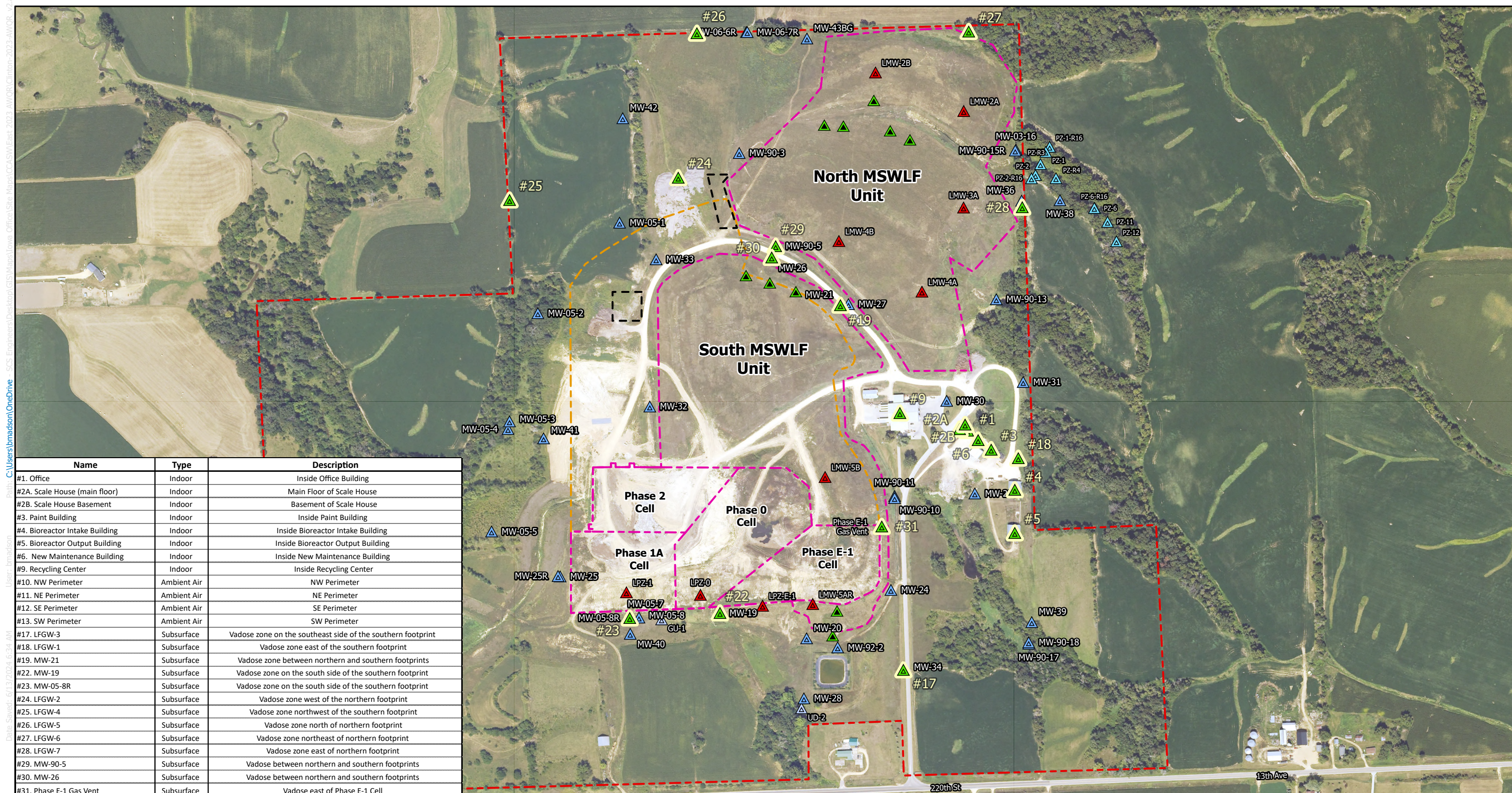
The monitoring point with methane exceedances during this reporting period is monitoring point MW-21 (#19) and is not located in close proximity to the property boundary.

After methane exceedances during the 2011 reporting period, bracketing subsurface monitoring points LFGW-4 (#25), LFGW-5 (#26), LFGW-6 (#27), and LFGW-7 (#28) were installed near the property boundary. These points measured 0% of the LEL during each of the 2025 monitoring events.

Monitoring of the Phase E-1 Gas Vent (#31) for methane was approved in lieu of annual air sampling as part of the corrective action groundwater monitoring program (CAMP) in the revised permit dated July 29, 2022 (Doc #103747).



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| Name                           | Type        | Description                                                 |
|--------------------------------|-------------|-------------------------------------------------------------|
| #1. Office                     | Indoor      | Inside Office Building                                      |
| #2A. Scale House (main floor)  | Indoor      | Main Floor of Scale House                                   |
| #2B. Scale House Basement      | Indoor      | Basement of Scale House                                     |
| #3. Paint Building             | Indoor      | Inside Paint Building                                       |
| #4. Bioreactor Intake Building | Indoor      | Inside Bioreactor Intake Building                           |
| #5. Bioreactor Output Building | Indoor      | Inside Bioreactor Output Building                           |
| #6. New Maintenance Building   | Indoor      | Inside New Maintenance Building                             |
| #9. Recycling Center           | Indoor      | Inside Recycling Center                                     |
| #10. NW Perimeter              | Ambient Air | NW Perimeter                                                |
| #11. NE Perimeter              | Ambient Air | NE Perimeter                                                |
| #12. SE Perimeter              | Ambient Air | SE Perimeter                                                |
| #13. SW Perimeter              | Ambient Air | SW Perimeter                                                |
| #17. LFGW-3                    | Subsurface  | Vadose zone on the southeast side of the southern footprint |
| #18. LFGW-1                    | Subsurface  | Vadose zone east of the southern footprint                  |
| #19. MW-21                     | Subsurface  | Vadose zone between northern and southern footprints        |
| #22. MW-19                     | Subsurface  | Vadose zone on the south side of the southern footprint     |
| #23. MW-05-8R                  | Subsurface  | Vadose zone on the south side of the southern footprint     |
| #24. LFGW-2                    | Subsurface  | Vadose zone west of the northern footprint                  |
| #25. LFGW-4                    | Subsurface  | Vadose zone northwest of the southern footprint             |
| #26. LFGW-5                    | Subsurface  | Vadose zone north of northern footprint                     |
| #27. LFGW-6                    | Subsurface  | Vadose zone northeast of northern footprint                 |
| #28. LFGW-7                    | Subsurface  | Vadose zone east of northern footprint                      |
| #29. MW-90-5                   | Subsurface  | Vadose between northern and southern footprints             |
| #30. MW-26                     | Subsurface  | Vadose between northern and southern footprints             |
| #31. Phase E-1 Gas Vent        | Subsurface  | Vadose east of Phase E-1 Cell                               |



# Methane Monitoring Network

Legend

Methane Monitoring Location

Monitoring Well

Groundwater Underdrain

Leachate Monitoring Location

Gas Vent

Petroleum Contaminated Soils Area

Approximate Future Waste Boundary

Approximate Property Boundary

Approximate Current Waste Boundary

Clinton County Sanitary  
Landfill  
East MSWLF Unit  
Clinton, Iowa  
Project No: 27225262.26  
Drawing Date: Nov. 2025

Figure 1

