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SITE MANAGEMENT PERIODIC REVIEW REPORT AND IC/EC CERTIFICATION SUBMITTAL – NUMBER 4

REPORTING PERIOD: APRIL 23, 2024 –APRIL 22, 2025
BCP SITE NO. C932138
GM COMPONENTS HOLDINGS, LLC
200 UPPER MOUNTAIN ROAD
LOCKPORT, NEW YORK

by H & A of New York Engineering and Geology, LLP
Rochester, New York

on behalf of GM Components Holdings, LLC

for New York State Department of Environmental Conservation
Buffalo, New York

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List of Tables iii

List of Figures iii

List of Acronyms iv

1. Executive Summary 1

1.1 SITE SUMMARY 1
1.2 REMEDIAL PROGRAM EFFECTIVENESS 1
1.3 SITE MANAGEMENT PLAN COMPLIANCE 2
1.4 RECOMMENDATIONS 2
1.4.1 Proposed Revisions to the SMP 2
1.4.2 Cover System Monitoring 2
1.4.3 Enhanced Biodegradation Monitoring 3
1.4.4 SSD System OM&M 3
1.4.5 Building 10 Conversion from SSD to Passive Venting 3
1.4.6 Future PRR Submittals 4

2. Site Overview 5

2.1 SITE LOCATION, BOUNDARIES, FEATURES AND PRE-REMEDIAL CONTAMINATION EXTENTS 5
2.2 REMEDIAL PROGRAM REVIEW 6

3. Remedy Performance, Effectiveness, and Protectiveness Evaluation 7

3.1 ENHANCED BIODEGRADATION EVALUATION 7
3.1.1 Performance 8
3.1.2 Effectiveness 9
3.1.3 Protectiveness 10

4. IC/EC Operations, Maintenance and Monitoring Plan Compliance Report 11

4.1 IC/EC REQUIREMENTS AND COMPLIANCE 11
4.2 BCP SITE-WIDE INSPECTIONS & COVER SYSTEM MONITORING 11
4.2.1 Cover System Performance 11
4.2.2 Cover System Effectiveness 11
4.2.3 Cover System Protectiveness 11
4.3 SSD SYSTEM – OM&M 12
4.3.1 Performance 12
4.3.2 Effectiveness 12
4.3.1 Protectiveness 13
4.4 IC/EC CERTIFICATION 14

5. Overall PRR Conclusions and Recommendations 16

5.1 COMPLIANCE WITH SMP 16
5.2 RECOMMENDATIONS 16
5.2.1 Proposed Revisions to the SMP 16
5.2.2 Cover System Monitoring 16
5.2.3 Enhanced Biodegradation 16
5.2.4 SSD System OM&M 16
5.3 FUTURE PRR SUBMITTALS 17

Tables
Figures
Appendix A – Site-wide Inspection Forms & Supporting Documents (23 April 2024 through 22 April 2025)

- Annual Site Inspection containing:
  - Site Inspection Forms
  - Table A-1 Cover-Intrusive Activities Summary
  - Site Activities – Utilities Piping Repairs and Various Site Work
    - Daily Field Reports
    - Monitoring Results
  - Non-Routine Site Inspection Form (if applicable)

Appendix B – Progress Summary Report on SSDS Operations (23 April 2024 through 22 April 2025

- Table I –Buildings 7, 7A, 8, 10 – Blower Operating Data
- Table II –Buildings 7, 7A, 8, 10 – Sub-Slab Vacuum Monitoring Point Readings
  - Buildings 7, 7A, 8, 10 – OM&M Summary
  - Figures – Buildings 7, 7A, 8, 10 SSDS Features and Performance Sampling Locations
  - Annual SSD System Emissions Summary
  - Summary of SSD System Performance Sampling Results

Appendix C – Groundwater Sampling Report
Sampling, Results and Recommendations Summary (prepared by GZA GeoEnvironmental of New York)

Appendix D – NYSDEC PRR Institutional and Engineering Controls Certification Form

List of Tables

Table No.	Title
1	Reported Results – 2024 Site-Wide Groundwater Sampling Event
2	Summary of Indoor Air Sampling Results – April 2024- April 2025 Buildings 7, 7A, 8, and 10 – Site Contaminants of Concern (COCs)

List of Figures

Figure No.	Title
1	Project Locus
2	Site Plan
3	*Not Used* (see note below)
4	Building 7 Soil Analytical Exceedances Summary
5	Building 8 Soil Analytical Exceedances Summary
6	Building 10 Soil Analytical Exceedances Summary
7	Site Wide Groundwater Analytical Results
8	Building 7 Vapor Intrusion Results Summary
9	Building 8 Vapor Intrusion Results Summary
10	Building 10 Vapor Intrusion Results Summary
11	Groundwater COC Concentration Trend Graphs – Monitoring Well MW-7-7
12	Groundwater COC Concentration Trend Graphs – Monitoring Well MW-7-A-6
13	Groundwater COC Concentration Trend Graphs – Monitoring Well MW-7-8
14	Groundwater COC Concentration Trend Graphs – Monitoring Well MW-7-5

Note – Figure number 3 is not used in this PRR to allow utilizing the Figures 1-2, 4-10 contained in the NYSDEC approved Site Management Plan (November 2016).

List of Acronyms

BCA	Brownfield Cleanup Agreement
BCP	Brownfield Cleanup Program
COCs	Contaminants of Concern
CSCO	Commercial use Soil Cleanup Objectives
EC	Engineering Control
EWP	Excavation Work Plan
FER	Final Engineering Report
GA	NYSDEC Groundwater Quality Criteria
HASP	Health and Safety Plan
IC	Institutional Control
IRM	Interim Remedial Measure
ISCO	Industrial use Soil Cleanup Objectives
ISCR	In-Situ Chemical Reduction
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
NYCRR	New York Codes, Rules and Regulations
O&M	Operations and Maintenance
OM&M	Operation, Maintenance and Monitoring
PAHs	Polycyclic Aromatic Hydrocarbons
PGWSCO	Protection of Groundwater Soil Cleanup Objectives
PID	Photoionization Detector
PRR	Periodic Review Report
QA/QC	Quality Assurance/Quality Control
QAPP	Quality Assurance Project Plan
RAO	Remedial Action Objective
RSL	Regional Screening Level
RWP	Remedial Work Plan
SCG	Standards, Criteria and Guidelines
SMP	Site Management Plan
SSD	Sub-slab Depressurization
SVE	Soil Vapor Extraction
SVI	Soil Vapor Intrusion
SVOCs	Semi-Volatile Organic Compounds
TAL	Target Analyte List
TCL	Target Compound List
USEPA	United States Environmental Protection Agency
VOCs	Volatile Organic Compounds

1. Executive Summary

1.1 SITE SUMMARY

GM Components Holdings, LLC (GMCH) currently owns and operates an automotive component manufacturing facility located at 200 Upper Mountain Road in the City of Lockport, New York. The GMCH facility is approximately 359 acres in size and is located in an area of mixed residential, agricultural, commercial, and industrial setting along Upper Mountain Road. The Brownfield Cleanup Program (BCP) Site (Site) is approximately 128 acres of the 359 acres and includes Buildings 7, 7A, 8 and 10. As cited in the Environmental Easement recorded for the Site, the property is restricted to Commercial/Industrial use as described in 6 NYCRR Part 375-1.8. This Periodic Review Report (PRR) No. 4 was prepared for the Site and includes the monitoring period from April 23, 2024 through April 22, 2025.

The contaminants of concern (COCs) for the BCP Site are chlorinated volatile organic compounds (VOCs) including tetrachloroethene (PCE), trichloroethene (TCE), and the biodegradation breakdown products of PCE and TCE; cis and trans 1,2-dichloroethene (DCE), and vinyl chloride (VC) associated with former degreasing operations within Buildings 7, 7A, 8 and 10. COCs have been detected in soil and groundwater and at low concentrations in soil vapor and indoor air at various locations within the referenced Buildings. Semi-volatile organic compounds (SVOCs) identified as polycyclic aromatic hydrocarbons (PAHs), and metal constituents; lead (Pb) and arsenic (As) have also been detected at concentrations exceeding the Industrial use Soil Cleanup Objectives (ISCOs), Commercial use Soil Cleanup Objectives (CSCOs) and/or Protection of Groundwater Soil Cleanup Objectives (PGWSCOs) in a limited number of soil samples at Buildings 7 and 8. Cadmium (Cd) was also detected above its respective CSCOs and PGWSCOs in one subsurface soil sample at Building 10, but has not been detected in groundwater at concentrations exceeding the NYSDEC groundwater (GA) quality criteria[1].

Remedial activities completed to date have included the following:

- *Soil Vapor Intrusion Mitigation* - Sub-Slab Depressurization (SSD) Systems installed in Buildings 7, 7A, and 8 and a Soil Vapor Extraction (SVE) system subsequently converted to an SSD System in Building 10;

- *Groundwater Remedy* - Enhanced bioremediation through the injection of an In-Situ Chemical Reduction (ISCR) material (zero valent iron (ZVI)) and carbon substrate into the subsurface between Buildings 7 and 10; and

- *Site-Wide Cover System* – consisting of concrete flooring and building foundations associated with Buildings 7, 7A, 8, and 10, exterior concrete sidewalks, asphalt pavement and stone, and one-foot of clean soils in unpaved areas of the Site.

1.2 REMEDIAL PROGRAM EFFECTIVENESS

As presented in Section 3 of this PRR, the concentrations of Site COCs at performance monitoring wells MW-7-7 and MW 7-A-6 which are located within the injection area on the east side of Building 10 have increased over the reporting period but still remain below the highest concentrations observed at these well locations and the areal extent of groundwater impacted with concentrations exceeding the NYSDEC

[1] Information provided in the Site Summary is from information provided in the Site Management Plan (November 2016).

GA standards for the Site COCs continues to decrease. The data indicates that the groundwater remedy in terms of performance, effectiveness, and protectiveness is meeting the intent of the remedy design by reducing the extent of groundwater impacted with Site COC within the sub-surface and continues to demonstrate that the remedy has been implemented in a manner that is protective of human health and the environment. However, the molar concentrations of parent compounds, tetrachloroethene (PCE) and trichloroethene (TCE) have exceeded the molar concentrations daughter products (cis 1,2-dichloroethene and vinyl chloride (VC) in the northern injection point array installed downgradient from Building 10. These observations suggest that the rate of dechlorination via in-situ chemical reduction (ISCR) in this area of the Site needs to be re-enforced. The injection of additional electron donor and reactive iron (Fe) using the installed injection points in the northern array will promote further reduction in contaminant concentrations.

1.3 SITE MANAGEMENT PLAN COMPLIANCE

Based on review of the data collected and documentation relative to the operations, maintenance, and monitoring (OM&M) activities associated with the Cover Maintenance-Enhanced Biodegradation-Sub-Slab Depressurization remedy during the PRR period from April 23, 2024 through April 22, 2025, these activities were conducted in accordance with the Site Management Plan (SMP) (November 2016).

The annual inspection for the reporting period was conducted on July 22, 2025 after the end of the respective performance period.

Based on current conditions and as summarized in the Site Management Periodic Review Report and IC/EC Certification Submittal – Number 3 Reporting Period: 23 April 2019 – 22 April 2024 (Haley & Aldrich, 2025), the Building 10 SSD blower remains off-line.

Indoor air (IA) sampling results collected in Building 10 in March 2017 and March 2018 (when the SSD blower system was operational) were compared to the IA sampling results collected during the reporting period (when the SSD system was off-line). The decreasing concentration trends for VOCs (cis-1,2-DCE, carbon tetrachloride, TCE, and PCE) detected in the IA samples suggest that operation of the SSD system has a negligible effect on the IA quality in Building 10.

A summary of the IA sampling results collected in Building 10 through April 2025 are provided in Table 2 and discussed further in Section 4.3.

1.4 RECOMMENDATIONS

Recommended changes to the OM&M activities associated with the PRR for this reporting period are presented below.

1.4.1 Proposed Revisions to the SMP

No revisions are proposed to the SMP.

1.4.2 Cover System Monitoring

No changes to the current SMP requirements for the cover system monitoring are recommended.

1.4.3 Enhanced Biodegradation Monitoring

No changes to the current annual Site-wide groundwater sampling program, as defined in the SMP, are recommended.

1.4.4 SSD System OM&M

Continue SSD System OM&M activities as defined in the SSD System OM&M Plan for Buildings 7, 7A, and 8.

1) As indicated on Table II of Appendix B – Progress Summary Reports on SSDS Operations, several sub-slab monitoring points (SMPs) have either been covered or are periodically inaccessible, due to changes in the Plant operations and/ or equipment location. To address this issue, the following SMPs will be relocated/replaced during the next reporting period to allow access for sub-slab vacuum measurements:

Building 7-West	Building 7-East
SMP-7W-9	SMP-7E-3
SMP-7W-11A	SMP-7E-8B
SMP-7W-12B	
SMP-7W-13	

2) As requested in the Department's letter dated May 16, 2025, an evaluation of the integrity of the floor within Building 8 in the vicinity of IA sample location 8-IA-1 and Building 7 in the vicinity of 7W-IA-2 will be conducted to determine the potential for a preferential pathway for sub-slab vapors into the building. A work plan will be prepared and submitted to the Department for review. Note: that groundwater concentration beneath Building 8 has shown increasing trends, which may be contributing to the increased IA concentrations.

1.4.5 Building 10 Conversion from SSD to Passive Venting

As summarized in Table 2 – Summary of Indoor Air Sampling Results of this PRR, comparison of the results from the indoor air (IA) sampling conducted in Building 10 while the SSD blower system has been off-line to the March 2017 and March 2018 IA sampling results, (when the blower system was operational), suggests that operation of the SSD system has a little to no effect on the IA quality. Additionally, the triannual (three times per year) IA sampling results during the reporting period are below NYSDOH mitigation criteria. Therefore, GMCH will convert the Building 10 SSD to a passive venting system (PVS).

The main components of this conversion will include:

- installation of a wind turbine type ventilator at the existing SSD system discharge stack located at the Building 10 roof area, which would serve as the driving force and supplement convective flow;

- utilization of the existing SSD piping network including the sub-slab trenches as vapor collection points; and

- installation of piping to bypass the existing SSD blower system.

To assess PVS performance, GMCH will conduct monthly vacuum measurements at the PVS piping to confirm negative pressure within the piping and continue triannual IA sampling at the same locations, 10-IA-1 and 10-IA-2 within Building 10. The IA results will be used to assess the PVS effectiveness and protectiveness.

As a contingency measure, should either three (3) consecutive IA analytical results indicate increasing trends or if one (1) of the IA analytical results indicates target site COC concentrations above 1 µg/M^3 for IA Matrix A compounds cis-1,2-DCE, carbon tetrachloride, and TCE, or 10 µg/M^3 for IA Matrix B compound PCE, then a confirmation sample would be collected within 2-weeks of receipt of the validated analytical report for the sampling event. If the confirmation sample confirms the previous sampling event, then GMCH would be prepared to reactivate the Building 10 system to active SSD operations. This would require repair or replacement of the existing blower.

1.4.6 Future PRR Submittals

Future PRRs will be submitted upon request from the New York State Department of Environmental Conservation (NYSDEC).

2. Site Overview

2.1 SITE LOCATION, BOUNDARIES, FEATURES AND PRE-REMEDIAL CONTAMINATION EXTENTS

The BCP Site is located in the County of Niagara, New York at 200 Upper Mountain Road in the City of Lockport (see Figure 1). The Site is approximately 128 acres in size and is bounded by CSX railroad lines and Old Saunders Settlement Road to the south, Upper Mountain Road and additional parking areas to the east, the Lockport Energy Associates (LEA) cogeneration facility and Town of Lockport IDA property to the west, the GMCH Building 9 which is used for warehousing purposes to the northwest, and property owned by Mahle Behr Troy, Inc., and the Delphi Harrison Thermal Systems site (Site No. 932113 on the NYSDEC Environmental Site Remediation Database) are to the northeast (see Figure 2).

Significant features and characteristics of the Site include the following:

- The BCP Site is currently part of an active manufacturing facility and includes four buildings as follows: (1) Building 7 is an approximately 990,000 square foot manufacturing building; (2) Building 7A is an approximately 87,000 square foot office and engineering building; (3) Building 8 is an approximately 553,000 square foot manufacturing building; and (4) Building 10 is an approximately 453,000 square foot manufacturing and warehouse building.

- The majority of the ground surface is covered by building foundations, concrete, or asphalt/ stone pavement creating a physical barrier to the underlying soils. The majority of the vegetative cover within the BCP Site is located in the southern and eastern portions of the Site and extend to Upper Mountain Road to the east.

- Immediately below the various anthropogenic ground covers is a fill layer consisting of gravel, sand and silt, ranging in depth from approximately 1 to 9 feet. Below the fill layer, native clays and silts comprise the remaining overburden soils. Bedrock consisting of Lockport Dolostone is typically encountered between 6 and 13 feet below ground surface.

- The existing topography in the vicinity of the GMCH facility is generally flat with an approximate 25 foot change in elevation from a high at the truck gate at the western side (615 feet above mean sea level) to a low at the eastern side along Upper Mountain Road (590 feet above mean sea level) over a distance of 3,150 feet, or less than a 1-percent grade.

- Groundwater is not utilized as a resource at or in the vicinity of the BCP Site.

The nature and extent of the previously identified COCs in soil are indicated on Figures 4, 5, and 6 for Buildings 7/7A, 8, and 10 respectively, in groundwater as indicated on Figure 7, and sub-slab soil vapor and indoor air as indicated on Figures 8, 9, and 10 for Buildings 7/7A, 8, and 10. Data suggests that the groundwater in the upper 10 to 15 feet of bedrock beneath Building 7/7A, the southern and eastern portions of Building 8, and the eastern portion of Building 10 exceeds the Class GA criteria for the COCs, with the highest concentrations primarily identified beneath Building 10 and on the western (upgradient) side of Building 7.

2.2 REMEDIAL PROGRAM REVIEW

A summary of remedial activities completed prior to and after entering into the Brownfield Cleanup Agreement (BCA) (May 2010), and prior to issuance of the NYSDEC's Decision Document (June 2016) were as follows:

Soil Vapor Intrusion (SVI) Mitigation:

- Buildings 7, 7A and 8 SSD Systems Interim Remedial Measure (IRM) – Installation and OM&M. System start-up occurred in August 2013 and the systems have been operated on a continuous basis since the 2013 start-up.

- Building 10 SVE/SSD System IRM – Installation and OM&M. System start-up occurred in March 2009 and the system operated on a continuous basis from the 2009 start-up through April 2019. As discussed below, conversion from an SVE to an SSD System was completed in September 2016.

Enhanced Bioremediation (Groundwater Remedy):

- Pilot Scale Injection Well Installation and Testing – September through October 2015.

Remedial activities conducted after receipt of the Decision Document, which are summarized in further detail in the Final Engineering Report (FER) (Haley & Aldrich, December 2016) were as follows:

- Full-scale implementation completed in June 2016 with subsequent groundwater monitoring activities in accordance with the approved Remedial Work Plan (RWP) through May 2017.

Cover System (Surface and Subsurface Soils to 12-inch Depth):

- Surface Soil Sampling Program completed August 2016.

Soil Vapor Intrusion (SVI) Mitigation:

- Conversion of the Building 10 SVE/SSD System to SSD only completed September 2016.

Current activities that are being conducted in accordance with the NYSDEC approved SMP (Haley & Aldrich, November 2016) are as follows:

- Site-Wide Groundwater monitoring

- Cover System Monitoring and Maintenance; and

- SSD System OM&M.

3. Remedy Performance, Effectiveness, and Protectiveness Evaluation

The selected remedy, as described in the NYSDEC Decision Document (June 2016) is referred to as the Cover Maintenance-Enhanced Biodegradation-Sub-Slab Depressurization remedy. The following sub-section provides an evaluation summary of the Enhanced Biodegradation associated with the groundwater remedy during this PRR reporting period. The Cover Maintenance and Sub-Slab Depressurization engineering control evaluations are summarized in Section 4 – IC/EC Monitoring and Maintenance Plan Compliance Report.

3.1 ENHANCED BIODEGRADATION EVALUATION

To evaluate the performance and effectiveness of the enhanced biodegradation groundwater remedy, representative groundwater samples are collected for the determination of the Site COC concentrations and the analysis of MNA indicator parameters. Details of the injection program conducted in June 2016 and the results of the post-injection groundwater monitoring program were included in the FER (December 2016).

Since the submission of the FER, representative groundwater samples have been collected from the four (4) performance monitoring wells, MW-7-7, MW-7-A-6, MW-7-8 and MW-7-5, in accordance with the approved SMP (November 2016). The findings from the May 2017 Site-Wide groundwater monitoring program, which included the results for the performance monitoring well locations, were submitted to the NYSDEC in a report entitled; *Results of May 2017 Groundwater Sampling, BCP Site #C932138, GM Components Holdings, LLC, 200 Upper Mountain Road, Lockport, New York* (GZA GeoEnvironmental of New York, 2017) and discussed in the *Site Management Periodic Review Report and IC/EC Certification Submittal – Number 1, Reporting Period: 22 December 2016 – 22 April 2018*, *BCP Site #C932138, GM Components Holdings, LLC., 200 Upper Mountain Road, Lockport, New York* prepared by Haley & Aldrich of New York and submitted to the Department in May 2018.

The findings from the May 2018 Site-Wide groundwater monitoring program, which included the results for the performance monitoring well locations, were included in Appendix C of the *Site Management Periodic Review Report and IC/EC Certification Submittal – Number 2, Reporting Period: 23 April 2018 – 22 April 2019 , BCP Site #C932138, GM Components Holdings, LLC., 200 Upper Mountain Road, Lockport, New York* prepared by Haley & Aldrich of New York and submitted to the Department in June 2019.

The findings of the 2019 through 2023 Site-Wide groundwater monitoring program were included in Appendix C of the *Site Management Periodic Review Report and IC/EC Certification Submittal – Number 3, Reporting Period 23 April 2019 through 22 April 2024, BCP Site #C932138, GM Components Holdings, LLC, 200 Upper Mountain Road, Lockport, New York* prepared by Haley & Aldrich of New York and submitted to the Department in June 2024.

This PRR includes the evaluation of the results of the analysis of groundwater collected from the performance monitoring well locations from 2024. PRR Table 1 provides a summary of the field parameters collected and analytical results from the sampling event, an assessment of these data is provided below.

The observed reduction in the total mass of the Site COCs since the initiation of the remedial program suggests that in terms of performance, effectiveness, and protectiveness, the groundwater remedy is

meeting the intent of the remedial program by actively reducing the parent Site COC concentrations within the sub-surface and thereby improving the groundwater quality.

3.1.1 Performance

A summary of the indicator parameter data from the monitoring well locations used to evaluate the performance of the injection program during this PRR period (reporting period) is presented below.

MW-7-7:

The oxidation reduction potential (ORP) was -233 millivolt (mV), pH was 6.88 S.U., and the dissolved oxygen (DO) concentration was 0.14 milligrams per liter (mg/L) during the reporting period. These data indicate that the geochemical conditions (i.e. anaerobic, neutral pH) present at MW-7-7 are anticipated to continue to promote reductive dechlorination processes in this area of the Site.

The total organic carbon (TOC) concentration was 5.8 mg/L. The residual organic carbon present has decreased to less than 10 mg/L which is a level typically required to continue to promote in-situ biodegradation of the COCs. This indicates that the organic carbon injected into this area has been consumed or has migrated away from the area.

MW-7-A-6:

The indicator parameters, ORP -138.3 mV, pH 6.34 S.U., DO concentration 0.12mg/L indicate that the groundwater continues to exhibit anaerobic conditions in this area of the Site. TOC was 16.4 mg/L and total iron (Fe) was 13.4 mg/L at this well location during the 2024 sampling event suggesting that the groundwater geochemical conditions and the presence of residual bio-amendment are anticipated to continue to promote in-situ biodegradation of the site COCs via reductive dechlorination processes in this area of the Site.

MW-7-8:

MW-7-8 is located approximately 250-feet cross-gradient from monitoring well MW-7-A-6 and was influenced by the injection of the bio-amendment at the southern injection well array. The indicator parameters, ORP -93.2 mV, pH 6.79, and a DO concentration of 0.19 mg/L determined during the purging of the well indicate that the groundwater in this area of the Site has maintained anaerobic conditions. These groundwater geochemical conditions are anticipated to continue to promote in-situ biodegradation of the site COCs via reductive dechlorination processes in this area of the Site.

However, the residual organic carbon present has decreased to less than 10.0 mg/L which is a level typically required to continue to promote in-situ biodegradation of the COCs.

MW-7-5:

MW-7-5 is located on the east side of Building 7 approximately 500-feet downgradient of the injection point areas located between Buildings 10 and 7. The indicator parameters, ORP was +96.1 mV, pH 7.44 S.U., DO concentration 2.0 mg/L and TOC was 7.5 mg/L suggests that groundwater in this area of the Site is aerobic and was minimally affected by the groundwater remedial program.

3.1.2 Effectiveness

The evaluation of the Site COC concentrations detected in the performance monitoring wells used to determine the effectiveness of the remedial program is presented below.

MW-7-7:

During the reporting period, the total concentration of the Site COCs detected at MW-7-7 was 148 mg/L which is slightly lower than previous sampling events. The total Site COC concentration detected at MW-7-7 during the reporting period indicates that the total mass has been reduced by over 10% since the implementation of the groundwater remedy in this area of the Site.

However, the micro-molar (µM) concentrations of the daughter products, VC and DCE decreased while the µM concentrations of the parent compounds, TCE and PCE continues to increase from previous observations suggesting that back diffusion from the impacted bedrock may be occurring at this well location. These data indicate that the rate of ISCR in this area of the site is lower than the diffusion of the parent compounds from the bedrock matrix and/or from impacted groundwater migrating from beneath Building 10.

Figure 11 presents the µM concentrations observed at MW-7-7 prior to and during the reporting period.

MW-7-A-6:

During the reporting period, the total concentration of Site COCs detected at MW 7-A-6 was 213 mg/L which is well below the maximum concentration previously detected at this well location, 347 mg/L. The principal Site COCs detected were cis 1,2 DCE at 130 mg/L and vinyl chloride at 76 mg/L while the concentration of PCE (4.6 mg/L) and TCE (2.8 mg/L) were significantly lower.

This data indicates that reductive dechlorination processes remain active in this area of the Site.

Figure 12 presents the µM concentrations observed at this well location prior to and during the reporting period.

MW-7-8:

During the reporting period, the concentrations of TCE (0.19 mg/L) and PCE (0.47 mg/L) were essentially equivalent to the DCE (0.36 mg/L) and VC (0.37 mg/L).

These results indicate that the groundwater quality has generally improved and reductive dechlorination processes are still active in this area of the Site.

Figure 13 presents the µM concentrations observed at this well location prior to and during the reporting period.

MW-7-5:

During the reporting period, the total concentration of the Site COCs (0.213 mg/L) observed at this well location was well below the concentrations previously observed at this well location. The µM concentrations of PCE and TCE represent over 90% of the total mass of the Site COCs suggesting that the biologically mediated degradation is not a significant process in this area of the Site.

Figure 14 presents the µM concentrations observed at this well location prior to and during the reporting period.

The overall effectiveness of the groundwater remedy is further indicated by the continued reduction in the concentrations of the Site COC observed at the downgradient monitoring well locations, MW 7-2 (ND), MW 7-3 (ND), MW 7-1R (ND) and MW 7-P-1 (0.0066 mg/L).

These results suggest that the natural attenuation processes of adsorption, dispersion, and dilution are continuing to control the migration of impacted groundwater from the source areas associated with Buildings 7 and 10.

3.1.3 Protectiveness

To assess the protectiveness of the groundwater remedy, the results of the analysis of groundwater samples were evaluated by comparing the results to previous sampling events to determine the long-term trends.

The groundwater monitoring conducted at the performance monitoring well locations has confirmed the conversion of the parent compound, PCE to its breakdown products TCE, cis-1,2 DCE and VC. However, the current concentration of each of the Site COCs exceed the Class GA groundwater quality standards published by the NYSDEC Division of Water (Technical and Operational Guidance Series (TOGS) Memorandum 1.1.1).

Since the Institutional Control restricts the use of groundwater at the Site under an Environmental Easement filed with the local authorities, there are no current or foreseeable risks to human health for on-site workers or visitors from exposure to impacted groundwater.

The results of the groundwater monitoring conducted during the reporting period continue to demonstrate that the remedy has been implemented in a manner that is protective of human health and the environment.

4. IC/EC Operations, Maintenance and Monitoring Plan Compliance Report

4.1 IC/EC REQUIREMENTS AND COMPLIANCE

Currently the Site Institutional Controls (ICs) are enacted through an Environmental Easement for groundwater use restriction, land use restriction and a SMP. The SMP contains the IC/EC Plan, Soil Management Plan, Monitoring Plan, and Operations and Maintenance Plan. The Engineering Controls (ECs) consist of a Cover System and SSD Systems. The objectives of the IC/ECs are to: (1) maintain and monitor EC systems; (2) prevent exposure to remaining contamination; and (3) limit the use and development of the Site to Commercial and Industrial uses only. Performance monitoring of the IC/ECs is evaluated by conducting the monthly, triannual and annual operations, monitoring, maintenance and inspections as specified in the SMP.

Activities associated with the IC/EC requirements and compliance conducted during this PRR period were as follows:

4.2 BCP SITE-WIDE INSPECTIONS & COVER SYSTEM MONITORING

A site-wide inspection was conducted on July 22, 2025. There were additional inspections conducted during the reporting period in response to utility repairs completed within the BCP Site Environmental Easement Area. Refer to Appendix A for the completed Site Inspection Forms for the reporting period in addition to the following documents associated with the annual PRR inspection:

- Appendix A Table A-1 which provides a tabular summary of cover-intrusive activities and supporting documentation such as figures showing the various work areas at the Site, Community Air Monitoring data and a summary of the daily observations of site activities.

4.2.1 Cover System Performance

As indicated in the completed site-wide inspection forms, based on observations during site inspections and review of documents provided by GMCH Plant personnel for cover-intrusive work for various Plant operations, maintenance and safety considerations during the PRR period, the cover systems, as defined in the SMP, remain intact or were appropriately restored upon completion of the work to meet the intent of the SMP.

4.2.2 Cover System Effectiveness

As indicated in the Annual PRR Site Inspection Form, GMCH has included the obligations of the Excavation Work Plan (EWP) located in Appendix C of the SMP when performing cover-intrusive work as part of the Plant excavation permit process controlled through Facilities Engineering, which provides an administrative means in maintaining the effectiveness of the cover systems.

4.2.3 Cover System Protectiveness

Monitoring and maintenance of the cover systems provides adequate and reliable protectiveness by minimizing the risks involved with exposure to contaminants or direct contact to potentially impacted soil. By integrating the SMP EWP requirements into the Plant processes, as summarized in the Appendix A Table A-1 of cover-intrusive work, Environmental Engineering personnel were

able to pre-review the nature and location of the work which allowed for the appropriate; planning; monitoring; and management of materials that required handling and off-site disposal. These measures supported reducing the potential for uncontrolled exposure or releases of the remaining contamination as defined in the SMP.

4.3 SSD SYSTEM – OM&M

During the PRR period, routine monthly, triannual, and annual OM&M activities associated with the SSD systems were conducted. For details relating to these activities refer to Appendix B for the Progress Report SSD System Operations 23 April 2024 through 22 April 2025. This report includes an SSD System operations summary, SSD systems emissions summaries for the reporting period, sub-slab vacuum influence assessment, and SSD systems performance sampling laboratory analytical results for the five annual sampling events conducted during the operations period for Buildings 7, 7A, and 8, and 15 performance sampling laboratory analytical results for triannual sampling conducted for Building 10.

As indicated in the Progress Report, the SSD Systems in Buildings 7, 7A, and 8 have demonstrated steady operating conditions but vacuum readings in some portions of the pressure field, perimeter sub-slab vacuum monitoring points (SMPs in Buildings 7, 7A, and 8) fluctuated from at/above to below the target differential pressure of 0.002 inches water column (W.C.) based on instantaneous readings collected during the triannual monitoring events. To assess the potential effects of variable vacuum influence conditions on the effectiveness and protectiveness of the SSD systems, indoor air (IA) sampling events were conducted as indicated above.

Based on the observations and data collected during the SSD System OM&M activities and review of the results of the performance sampling events, an assessment of the SSD System performance, effectiveness, and protectiveness is below.

4.3.1 Performance

The SSD systems within Buildings 7, 7A, and 8 have operated continuously during the reporting period, which meets the design objectives, with the following exceptions:

- Blower 8-4 in Building 8 was observed to be off-line during the routine site inspection conducted on 17 March 2025. The blower shutdown immediately upon restart and a non-routine maintenance event was scheduled and completed after the end of the reporting period.

As indicated in SSD Operations Report contained in Appendix B, the Building 10 SSD system was off-line during the reporting period and indoor air samples were collected on a triannual basis during the reporting period to confirm that the indoor air concentrations of NYSDOH Matrix A and Matrix B compounds were below mitigation criteria.

4.3.2 Effectiveness

Comparison of the indoor air COC concentrations obtained during the reporting period indicates that the engineering control is effectively mitigating the potential for contaminated soil vapor intrusion into the buildings. Table 2 provides a summary of the indoor air quality sampling results

collected during the reporting period for target compounds with previous monitoring results for comparison.

The estimated emission rates of the SSD System effluent for the blowers in Buildings 7,7A, and 8 were based on the on-site data collection and laboratory analysis of samples collected throughout the reporting period, in accordance with the SMP, and are presented in the SSD System Progress Report contained in Appendix B.

The calculated emission rates for the SSD System were well below the NYSDEC, Guidance on Air Emissions at Division of Environmental Remediation (DER) Sites, guidance values of less than 0.1 pounds per hour for detected A-rated chemicals (PCE, TCE, and VC) and less than 0.5 pounds per hour for B-D rated chemicals (cis 1,2-DCE).

4.3.1 Protectiveness

To determine the protectiveness of the SSD System, the results of the analysis of IA quality and process effluent samples collected during the reporting period for Buildings 7, 7A, 8 and 10 were evaluated by comparing the results to prior sampling events to determine the long-term trends and to risk-based exposure limits to Site COCs.

Direct comparison of the analytical results for the IA samples indicates that the concentration of target COCs detected at the same locations within the buildings during each sampling event are consistent with previous results and are generally stable or declining IA concentrations where mitigation is required.

Results of the triannual IA quality sampling in Building 10 were below the mitigation criteria even though historical sub-slab vapor concentrations were elevated at one sampling location.

4.4 IC/EC CERTIFICATION

For each institutional or engineering control identified for the Site, I certify[2] that all of the following statements are true:

- The inspection of the Site to confirm the effectiveness of the institutional and engineering controls required by the remedial program was performed under my direction;
- The institutional control and/or engineering control employed at this Site is unchanged from the date the control was put in place, or last approved by the Department;
- Nothing has occurred that would impair the ability of the control to protect the public health and environment[3];
- Nothing has occurred that would constitute a violation or failure to comply with any Site Management Plan for this control;
- Access to the Site will continue to be provided to the Department to evaluate the remedy, including access to evaluate the continued maintenance of this control;
- If a financial assurance mechanism is required under the oversight document for the Site, the mechanism remains valid and sufficient for the intended purpose under the document;
- Use of the Site is compliant with the environmental easement;
- The engineering control systems are performing as designed and are effective[4];
- To the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the Site remedial program;
- The information presented in this report is accurate and complete;
- No new information has come to my attention, including groundwater monitoring data from wells located at the site boundary, if any, to indicate that the assumptions made in the qualitative exposure assessment of off-site contamination are no longer valid; and
- The assumptions made in the qualitative exposure assessment remain valid.

[2] Certify defined as the use of professional judgment in developing opinions and conclusions pertaining to information gathered and data collected by GMCH, HANY E&G and / or HANY E&G's subconsultant GZA GeoEnvironmental of New York as presented in this Periodic Review Report for the reporting period 23 April 2024 – 22 April 2025.

[3] Based on the current operational status of SSD System in Building 10, periodic indoor air samples have been collected to assess indoor air quality relative to NYSDOH criteria for Matrix A and B compounds which have remained below mitigation criteria.

[4] The completed NYSDEC PRR Institutional and Engineering Controls Certification Form is contained in Appendix D.

I certify that all information and statements in this certification form are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law. I, Leslie M. Nelson, P.E. of H & A of New York, Engineering & Geology, LLP, am certifying as Owner's Designated Site Representative for the Site.



Leslie M. Nelson, P.E.
Senior Technical Expert-Environmental Engineering
H & A of New York Engineering and Geology, LLP
Date: 3/2/26

5. Overall PRR Conclusions and Recommendations

5.1 COMPLIANCE WITH SMP

Based on review of the data collected and documentation relative to the operations, maintenance, and monitoring activities associated with the Cover Maintenance-Enhanced Biodegradation-Sub-Slab Depressurization remedy during the PRR period, these activities were conducted in accordance with the SMP (November 2016).

5.2 RECOMMENDATIONS

5.2.1 Revisions to the SMP

1) Section 1.3 Table 1: Notifications

- *GMCH Site Contact* - Casey Essary, Environmental Supervisor – NY Region, GMCH Tonawanda Facility
  Phone: (716) 867-2530, email: casey.essary@gm.com

- *GMCH Site Alternate Contact* - Merrick Alexander
  Remediation Project Engineer,
  Phone: (905)744-4203, email: Merrick.alexander@gm.com

5.2.2 Cover System Monitoring

No changes to the current SMP requirements relative to the cover system monitoring are recommended.

5.2.3 Enhanced Biodegradation

No changes to the current annual Site-wide groundwater sampling program, as defined in the SMP, are recommended.

5.2.4 SSD System OM&M

Continued SSD System operations, maintenance, and monitoring activities as defined in the SSD System OM&M Plan contained in Appendix F of the SMP is recommended for Buildings 7, 7A, and 8.

GMCH plans to convert the Building 10 SSD system to a PVS. As summarized in Table 2 – Summary of Indoor Air Sampling Results of this PRR, comparison of the results from the 17 April 2019 IA sampling conducted in Building 10 when the SSD blower system was off-line, to the March 2017 and March 2018 IA sampling results, when the blower system was operational, suggests that operation of the SSD system may have negligible effectiveness relative to IA quality based on the decreasing COC concentration trends. Additionally, the triannual IA sampling results during the reporting period indicate similar trends.

The main components of this conversion would include:

- installation of a wind turbine type ventilator at the existing SSD system discharge stack located at the Building 10 roof area which would serve as the driving force and supplement convective flow;

- utilize the existing SSD piping network including the sub-slab trench legs which serve as vapor collection measures; and

- installation of piping to bypass the existing SSD blower system.

The proposed SSD to PVS modification will be completed within six months of approval of this PRR. To assess PVS performance, GMCH will conduct monthly vacuum measurements at the PVS piping to confirm negative pressure within the piping and continue triannual IA sampling at the same locations, 10-IA-1 and 10-IA-2. The IA results would allow for assessment of PVS performance and evaluation of effectiveness and protectiveness.

As a contingency measure, should either three (3) consecutive IA analytical results indicate increasing trends or if one (1) of the IA analytical results indicates target site COC concentrations above 1 µg/M^3 for IA Matrix A compounds cis-1,2-DCE, carbon tetrachloride, and TCE, or 10 µg/M^3 for IA Matrix B compound PCE, then a confirmation sample would be collected within 2-weeks of receipt of the validated analytical report for the quarterly event. If the confirmation sample validates the trends of the previous sampling event, then GMCH would be prepared to reactivate the Building 10 system to SSD operations.

5.3 FUTURE PRR SUBMITTALS

Future PRRs will be submitted upon request from NYSDEC.

References

1. New York State Department of Environmental Conservation, (2014) Brownfield Cleanup Agreement, dated 14 June 2014 Consolidated Site #932138, Buildings 7, 8 and 10.

2. New York State Department of Environmental Conservation, (2016). GM Components Holdings, LLC, Site ID No. C932138, Lockport, Niagara County, Remedial Work Plan Approval and Decision Document, 14 June 2016.

3. Haley & Aldrich of New York, (2016). "Site Management Plan - NYSDEC Site No. C932138, GM Components Holdings, LLC 200 Upper Mountain Road Lockport, New York", November 2016.

4. Haley & Aldrich of New York, (2016). "Final Engineering Report - NYSDEC Site No. C932138, GM Components Holdings, LLC 200 Upper Mountain Road Lockport, New York", December 2016.

5. GZA GeoEnvironmental of New York (2017). "Results of May 2017 Groundwater Sampling, BCP Site #C932138, GM Components Holdings, LLC 200 Upper Mountain Road Lockport, New York", September 2017.

6. New York State Department of Environmental Conservation (NYSDEC), Division of Water Technical and Operational Guidance (TOGS) Series (1.1.1) - Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations – June 1998.

7. NYSDEC, Division of Air Resources - Guidance on Air Emissions at Division of Environmental Remediation Sites – June 2015.

8. NYSDEC, Division of Air Resources – DAR-1 Guidelines for the Evaluation and Control of Ambient Air Contaminants Under Part 212 – August 2016.

9. Haley & Aldrich of New York, (2018). "Site Management Periodic Review Report and IC/EC Certification Submittal – Number 1, Reporting Period: 22 December 2016 – 22 April 2018, BCP Site #C932138, GM Components Holdings, LLC, 200 Upper Mountain Road, Lockport, New York" May 2018.

10. Haley & Aldrich of New York, (2019). "Site Management Periodic Review Report and IC/EC Certification Submittal – Number 2, Reporting Period: 23 April 2018 – 22 April 2019, BCP Site #C932138, GM Components Holdings, LLC, 200 Upper Mountain Road, Lockport, New York" June 2019.

11. H & A of New York, Engineering & Geology LLP (2024). "Site Management Periodic Review Report and IC/EC Certification Submittal – Number 2, Reporting Period: 23 April 2019 – 22 April 2024, BCP Site #C932138, GM Components Holdings, LLC, 200 Upper Mountain Road, Lockport, New York" June 2024.

12. GZA GeoEnvironmental of New York (2018). "May 2024 Groundwater Sampling Report, BCP Site #C932138, GM Components Holdings, LLC 200 Upper Mountain Road Lockport, New York", August 2025.

13. NYSDOH, Guidance for Evaluating Soil Vapor Intrusion in New York State, October 2006.

14. USEPA OSWER Technical Guide for Assessing and Mitigating the Vapor Intrusion Pathway from Subsurface Vapor Sources to Indoor Air, Publication 9200.2-154 - June 2015.

15. ITRC Technical and Regulatory Guidance, Vapor Intrusion Pathway: A Practical Guideline VI-1 – January 2007.

TABLES

Table 1
Summary of Groundwater Sample Analytical Results
GMCH Lockport Brownfield Cleanup Program
Site No. C932138

Sample Location	Class GA Criteria	BUILDING 7 AREA WELLS																					
Sample Date		MW-7-1R 7/17/2024	Q	MW-7-2 7/18/2024	Q	MW-7-3 7/17/2024	Q	MW-7-4 7/22/2024	Q	MW-7-5 7/17/2024	Q	MW-7-6 7/17/2024	Q	MW-7-7 7/22/2024	Q	MW-7-8 7/24/2024	Q	MW-7-A-6 8/1/2024	Q	MW-7-C-2 7/18/2024	Q	MW-7-P-1 7/16/2024	Q
VOC Compounds of Concern (ug/L)																							
cis-1,2-Dichloroethene	5	ND		ND		ND		NT		ND		700		28,000		360		130,000		540		2.7	
Tetrachloroethene	5	ND		ND		ND		NT		180		630		100,000		470		4,600		ND		ND	
trans-1,2-dichloroethene	5	ND		ND		ND		NT		ND		ND		ND		ND		ND		ND		ND	
Trichloroethene	5	ND		ND		ND		NT		33		330		14,000		190		2,800		ND		ND	
Vinyl Chloride	2	ND		ND		ND		NT		ND		ND		6,000		370		76,000		160		3.9	
Total VOCs		ND		ND		ND		NT		213		1,660		148,000		1,390		213,400		700		6.6	
Polycyclic Aromatic Hydrocarbons (PAHs) (ug/L)																							
16 PAHs analyzed		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Field Parameters																							
Temperature (Deg. C)	NV	20.5		16.0		19.7		16.2		18.3		18.1		18.7		18.6		20.4		17.5		21.1	
Specific Conductance (mS/cm)	NV	8.426		1.362		23.378		1.749		1.149		12.869		10.270		14.936		3.283		2.678		15.406	
Dissolved Oxygen (mg/L)	NV	0.48		1.68		0.21				2.00		0.28		0.14		1.77		0.12		0.34		0.26	
Oxygen Reduction Potential (mv)	NV	156.5		102.1		-73.4		107.8		96.1		61.0		-233.0		-93.2		-138.3		-76.8		-80.5	
pH (std. units)	NV	6.76		7.39		6.73		7.22		7.44		7.03		6.88		6.79		6.34		6.94		6.49	
Turbidity (NTUs)	NV	25.79		2.07		9.03		8.25		5.15		7.45		38.50		16.31		17.00		1.85		7.55	
Inorganics (mg/L)																							
Iron	0.3	0.029	J	ND		5.7		NT		0.18		0.068		0.10		5.0		13.4		1.1		50.3	
Magnesium	35 [Note 4]	125		34.2		122		NT		13.0		47.3		153		174		102		141		233	
Manganese	NV	0.13		0.0026	J	0.50	B	NT		0.025		0.13		0.030	B	0.79	B	1.2	B	0.28		2.7	
Potassium	NV	6.9		1.2		26.7		NT		3.6		8.4		35.2		40.5		3.6		5.7		25.0	
Sodium	20	1260		80.3		4,390		NT		93.5		2,040		1,410		2,330		240		154		226	
Miscellaneous Water Quality Parameters																							
Methane (ug/L)	NV	5.8		ND		240		NT		ND		280		870		66	B	1,700		380		6,400	
Ethane (ug/L)	NV	ND		ND		ND		NT		ND		13		50		6.7	J B	94	J	1.9	J	29	
Ethene (ug/L)	NV	ND		ND		4.5	J	NT		ND		ND		440		8.6	B	5,300		13		1.8	J
Carbon Dioxide (ug/L)	NV	68,000		33,000		80,000		NT		26,000		41,000		43,000		32,000		260,000		54,000		120,000	
Total Organic Carbon (mg/L)	NV	ND		ND		1.0		NT		7.5		0.51	J	5.8		ND		16.4		ND		5.9	B
Alkalinity (mg/L)	NV	300		360		383		NT		338		390		279		141		321		310	F1	175	
Ammonia (mg/L)	NV	0.016	J B	ND		1.2	B	NT		0.056	B F1	0.10	B	3.5		0.50	B	0.13		0.23		109	
Chloride (mg/L)	NV	3,160		135		7,200		NT		146		3,250		3,150		4,710		742		434		3,070	
Nitrate (mg/L)	NV	0.056		ND		0.020	J	NT		0.58		0.18		0.040	J	ND		ND		ND	H	0.14	
Nitrite (mg/L)	NV	ND		ND		ND		NT		ND		ND		ND		ND		ND		ND	H	0.058	
Sulfate (mg/L)	NV	157		23.5		694		NT		14.9		175		407		185		22.4		1010		ND	J
Sulfide (mg/L)	NV	ND		ND		ND		NT		ND		ND		0.80	J	ND		ND		ND		ND	

Notes:

1. Only compounds detected in one or more of the groundwater samples are presented in this table.
2. Analytical testing completed by Eurofins in Amherst, New York.
3. Criteria is a guidance value.
4. Laboratory qualifiers: B = compound was found in the blank and sample; J = result is less than the RL but greater than or equal to the MDL and the concentration is an approximation; F1 = MS and/or MSD Recovery is outside acceptance limits; H = sample was prepped or analyzed outside of specified holding time; F2 = MS/MSD Relative Percent Difference (RPD) exceeds control limits.
5. mg/L = parts per million; ug/L = parts per billion
6. NYSDEC Class GA Groundwater Criteria as promulgated in 6 NYCRR 703; Table 1 in Technical and Operational Guidance Series (1.1.1): Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, dated October 1993; revised June 1998; errata dated January 1999; addendum dated April 2000.
7. ND = not detected NV = no value, NT = not tested.
8. Shaded concentrations exceed Class GA criteria.

Table 1
Summary of Groundwater Sample Analytical Results
GMCH Lockport Brownfield Cleanup Program
Site No. C932138

Sample Location Sample Date	Class GA Criteria	BUILDING 8 AREA WELLS															
		MW-6-1 7/16/2024	Q	MW-6-2 7/23/2024	Q	MW-6-F-8 7/23/2024	Q	MW-8-1 7/25/2024	Q	MW-8-2 7/25/2024	Q	MW-8-3 7/26/2024	Q	MW-8-4 7/23/2024	Q	MW-8-003-B 7/18/2024	Q
VOC Compounds of Concern (ug/L)																	
cis-1,2-Dichloroethene	5	ND		ND		ND		ND		3,700		ND		31		520	
Tetrachloroethene	5	ND		ND		ND		ND		ND		ND		ND		1000	
trans-1,2-dichloroethene	5	ND		ND		ND		ND		ND		ND		ND		ND	
Trichloroethene	5	ND		ND		ND		0.94	J	1100		ND		7.7		200	
Vinyl Chloride	2	ND		ND		ND		ND		280		ND		12		74	
Total VOCs		ND		ND		ND		0.94		5,080		ND		50.7		1,794	
Polycyclic Aromatic Hydrocarbons (PAHs) (ug/L)																	
16 PAHs analyzed		NT		NT		NT		NT		NT		NT		NT		NT	
Field Parameters																	
Temperature (Deg. C)	NV	18.1		16.6		20.6		17.0		21.1		20.4		19.8		20.6	
Specific Conductance (mS/cm)	NV	3.520		4.460		8.077		5.798		1.163		6.876		12.275		13.014	
Dissolved Oxygen (mg/L)	NV	0.23		0.23		0.38		0.17		0.31		1.06		0.99		0.47	
Oxygen Reduction Potential (mv)	NV	-103.7		60.5		80.9		-236.7		-111.6		123.9		-22.8		134.1	
pH (std. units)	NV	6.89		7.09		7.05		6.96		7.15		6.86		7.16		7.52	
Turbidity (NTUs)	NV	16.02		1.80		3.35		7.90		0.31		1.97		4.48		2.58	
Inorganics (mg/L)																	
Iron	0.3	14.6		0.13		0.043	J	0.029	J	5.0		5.6		0.59		0.055	
Magnesium	35 [Note 4]	47.8		88.8		52.4		128		44.0		147		65.1		16.9	
Manganese	NV	2.3		0.23		0.26		0.10	B	0.73	B	1.2	B	0.29		0.19	
Potassium	NV	2.6		3.5		4.7		20.3		5.2		233		14.2		6.5	
Sodium	20	407		1620		681		643		70.3	F1	704		2,970		130	
Miscellaneous Water Quality Parameters																	
Methane (ug/L)	NV	110		ND		ND		230		430		2600		170		8.0	
Ethane (ug/L)	NV	ND		ND		ND		27		ND		36	J	ND		ND	
Ethene (ug/L)	NV	ND		ND		ND		ND		ND		ND		ND		9.2	
Carbon Dioxide (ug/L)	NV	110,000		49,000		59,000		51,000		51,000		26,000		20,000		11,000	
Total Organic Carbon (mg/L)	NV	5.5	B	ND		ND		ND		1.4		6.3		ND		0.71	J
Alkalinity (mg/L)	NV	365		383		399		299		2500	F1	173		236		254	F1
Ammonia (mg/L)	NV	0.75		ND		0.039		1.4		0.19	F1	5.0		0.050		0.16	F1
Chloride (mg/L)	NV	836		2,310		1,390		1,290		151		2,070		4,170		5,240	F1
Nitrate (mg/L)	NV	ND		0.085		ND		ND		ND		0.21	H	ND		0.53	H
Nitrite (mg/L)	NV	ND		ND		ND		ND		ND		0.026	J H	ND		0.028	J H F1
Sulfate (mg/L)	NV	31.4		259		79.2		910		62.9		593		297		255	F2 F1
Sulfide (mg/L)	NV	ND		ND		ND		2.8		ND		ND		ND		ND	

Notes:

1. Only compounds detected in one or more of the groundwater samples are presented in this table.
2. Analytical testing completed by Eurofins in Amherst, New York.
3. Criteria is a guidance value.
4. Laboratory qualifiers: B = compound was found in the blank and sample; J = result is less than the RL but greater than or equal to the MDL and the concentration is an approximation; F1 = MS and/or MSD Recovery is outside acceptance limits; H = sample was prepped or analyzed outside of specified holding time; F2 = MS/MSD Relative Percent Difference (RPD) exceeds control limits.
5. mg/L = parts per million; ug/L = parts per billion
6. NYSDEC Class GA Groundwater Criteria as promulgated in 6 NYCRR 703; Table 1 in Technical and Operational Guidance Series (1.1.1): Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, dated October 1993; revised June 1998; errata dated January 1999; addendum dated April 2000.
7. ND = not detected NV = no value, NT = not tested.
8. Shaded concentrations exceed Class GA criteria.

Table 1
Summary of Groundwater Sample Analytical Results
GMCH Lockport Brownfield Cleanup Program
Site No. C932138

Sample Location Sample Date	Class GA Criteria	BUILDING 10 AREA WELLS MW-9-101A 7/24/2024	Q	MW-9-12 8/1/2024	Q	TK-6 7/16/2024	Q	BLDG-10-MW-1 7/24/2024	Q	MW-10-2 7/22/2024	Q	MW-10-3 7/18/2024	Q
VOC Compounds of Concern (ug/L)													
cis-1,2-Dichloroethene	5	ND		ND		ND		ND		190.0		ND	
Tetrachloroethene	5	ND		ND		ND		150,000		21		2.3	
trans-1,2-dichloroethene	5	ND		ND		ND		ND		5.3		ND	
Trichloroethene	5	ND		ND		ND		5,000		25		3.0	
Vinyl Chloride	2	ND		ND		ND		ND		45		ND	
Total VOCs		ND		ND		ND		155,000		286		5.3	
Polycyclic Aromatic Hydrocarbons (PAHs) (ug/L)													
16 PAHs analyzed		ND		ND		NT		NT		NT		NT	
Field Parameters													
Temperature (Deg. C)	NV	22.1		18.4		20.9		22.1		19.9		19.6	
Specific Conductance (mS/cm)	NV	8.163		4.353		6.055		2.916		7.835		1.545	
Dissolved Oxygen (mg/L)	NV	1.44		0.15		2.46		0.49		0.27		0.70	
Oxygen Reduction Potential (mv)	NV	117.8		-157.1		141.5		-28.7		-91.9		113.0	
pH (std. units)	NV	7.00		7.23		7.16		6.75		7.20		7.56	
Turbidity (NTUs)	NV	1.87		19.23		1.80		2.28		8.77		2.80	
Inorganics (mg/L)													
Iron	0.3	ND		0.25		ND		1.0		0.65		0.033	J
Magnesium	35 [Note 4]	79.4		42.8		38.6		100		51.0		25.0	
Manganese	NV	0.028	B	0.29	B	0.0023	J	0.71	B	0.13	^+B	0.0030	^+B
Potassium	NV	19.9		5.8		1.5		4.6		7.8		7.3	
Sodium	20	1,430		611		1,070		145		1,160		136	
Miscellaneous Water Quality Parameters													
Methane (ug/L)	NV	1.2	J B	29		3.9	J	6.7	B	82		ND	
Ethane (ug/L)	NV	1.7	J B	ND		ND		2.5	J B	8.1		ND	
Ethene (ug/L)	NV	1.7	J B	ND		ND		6.0	J B	48		ND	
Carbon Dioxide (ug/L)	NV	38,000		30,000		37,000		70,000		26,000		10,000	
Total Organic Carbon (mg/L)	NV	1.5		ND		2.1	B	3.2		ND		ND	
Alkalinity (mg/L)	NV	297		251		379		305		309		178	
Ammonia (mg/L)	NV	ND		0.15		0.052	F1	0.22	B	0.31	F1	ND	
Chloride (mg/L)	NV	1,910		1,090		1,800		618		2,020		166	
Nitrate (mg/L)	NV	1.4		0.15		0.60		ND		0.045	J	0.86	
Nitrite (mg/L)	NV	ND		ND		ND	J B	ND		ND		ND	
Sulfate (mg/L)	NV	1,070		102		208		232		178		243	
Sulfide (mg/L)	NV	ND		ND		ND		ND		ND		ND	F1

Notes:

1. Only compounds detected in one or more of the groundwater samples are presented in this table.
2. Analytical testing completed by Eurofins in Amherst, New York.
3. Criteria is a guidance value.
4. Laboratory qualifiers: B = compound was found in the blank and sample; J = result is less than the RL but greater than or equal to the MDL and the concentration is an approximation; F1 = MS and/or MSD Recovery is outside acceptance limits; H = sample was prepped or analyzed outside of specified holding time; F2 = MS/MSD Relative Percent Difference (RPD) exceeds control limits.
5. mg/L = parts per million; ug/L = parts per billion
6. NYSDEC Class GA Groundwater Criteria as promulgated in 6 NYCRR 703; Table 1 in Technical and Operational Guidance Series (1.1.1): Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, dated October 1993; revised June 1998; errata dated January 1999; addendum dated April 2000.
7. ND = not detected NV = no value, NT = not tested.
8. Shaded concentrations exceed Class GA criteria.

TABLE 2
SUMMARY OF SUB-SLAB VAPOR, INDOOR AIR AND OUTDOOR AIR SAMPLING RESULTS
GMCH LOCKPORT BCP SITE No. C932138
2017 - 2025

Location ID:	Building 10											
Sample Name:	10-IA-1-032217	10-SS-1-032217	10-IA-1-2018	10-SS-1-2018	10-IA-1-2019	10-IA-1-2019	10-IA-1-112519	10-IA-1-2020	10-IA-1-073020	10-IA-1-112320	10-IA-1-2021	10-IA-1-072721
Sample Date:	03/22/2017	03/22/2017	3/6/2018	3/6/2018	4/17/2019	7/29/2019	11/25/2019	2/25/2020	7/30/2020	11/23/2020	3/3/2021	7/27/2021
Volatile Organic Compounds (ug/M3)												
1,1,1-Trichloroethane	2.2 U	1.1 U	1.1 U	2.2 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
1,1-Dichloroethene	1.6 U	0.79 U	0.14 U	0.28 U	0.14 U	0.81 U	0.14U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U
Carbon tetrachloride	2.5 U	**0.46 J**	**0.39**	**0.37 J**	0.36	0.36	**0.41**	**0.45 J**	0.32 J	**0.56 J**	**0.57 J**	0.50 J
cis-1,2-Dichloroethene	1.6 U	**0.43 J**	**0.46**	**0.45**	0.4	0.20 U	**0.48**	0.39 J	0.18 U	**0.43 J**	**0.88**	0.79 U
Methylene chloride	**0.75 J**	**0.65 J**	1.7 U	**1.6 J**	1.7 U	**6.1**	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	**31**
Tetrachloroethene	**1.4 J**	**200**	**3.3**	3.4	**3.9**	0.42 J	**5.4**	**7.1**	3.5	**6.0**	**8.2**	1.1 J
Trichloroethene	2.1 U	**15**	**0.63**	1.5	0.51	0.19 U	**0.74**	**0.82 J**	0.19 U	**0.66 J**	**1.3**	1.1 U
Vinyl chloride	1.0 U	0.51 U	0.089 U	0.18 U	0.10 U	0.20 U	0.20 U	0.51 U	0.11 U	0.11 U	0.51 U	0.51 U

Notes:

1. Bold values are detected parameters.
2. Green Values indicate a reducing concentration trend.
3. Red Values indicate an increasing concentration trend.
4. U = Parameter Not Detected at a Concentration greater than the Reporting Limit.
5. J = Parameter Detected but the Concentration is an Estimated Value.

TABLE 2
SUMMARY OF SUB-SLAB VAPOR, INDOOR AIR AND OUTDOOR AIR SAMPLING RESULTS
GMCH LOCKPORT BCP SITE No. C932138
2017 - 2025

Location ID:	Building 10										
Sample Name:	10-IA-1-112921	10-IA-1-2022	10-IA-1-072122	10-IA-1-121422	10-IA-1-032823	IA-10-1-080923	IA-10-1-121523	10-IA-1-032124	IA-10-1-082124	IA-10-1-121824	10-IA-1-031825
Sample Date:	11/29/2021	3/1/2022	7/21/2022	12/14/2022	3/28/2023	8/9/2023	12/15/2023	3/21/2024	8/21/2024	12/18/2024	3/18/2025
Volatile Organic Compounds (ug/M3)											
1,1,1-Trichloroethane	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	**0.78 J**	1.1 U	1.1 U	1.1 U
1,1-Dichloroethene	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U
Carbon tetrachloride	**0.35 J**	**0.32 J**	**0.37 J**	**0.54 J**	**0.27 J**	**0.35 J**	**0.35 J**	**0.38 J**	**0.30 J**	**0.41 J**	**0.51 J**
cis-1,2-Dichloroethene	**0.15 J**	**0.59 J**	0.79 U	**1.3**	**0.47 J**	0.79 U	0.79 U	**0.49 J**	**0.94**	**0.84**	**0.59 J**
Methylene chloride	**0.63 J**	**1.1 J**	1.7 U	1.7 U	**0.84 J**	1.7 U	**1.7**	1.7 U	**9.1**	**1.5**	**0.75 J**
Tetrachloroethene	**6.2**	**6.9**	**1.7**	**5.9**	**5.2**	**1.2 J**	**3.9**	**8.2**	**13**	**7.9**	**5.8**
Trichloroethene	**0.58 J**	**0.83 J**	**0.19 J**	**1.3**	**0.55 J**	1.1 U	**0.54 J**	**0.78 J**	**1.1**	**0.80 J**	**0.88 J**
Vinyl chloride	0.51 U	**0.082 J**	0.51 U	0.51	0.51 U	0.51 U	0.51 U	0.51 U	**0.16 J**	0.51 U	0.51 U

Notes:

1. **Bold values are detected parameters.**
2. **Green Values indicate a reducing concentration trend.**
3. **Red Values indicate an increasing concentration trend.**
4. **U = Parameter Not Detected at a Concentration greater than the Reporting Limit.**
5. **J = Parameter Detected but the Concentration is an Estimated Value.**

TABLE 2
SUMMARY OF SUB-SLAB VAPOR, INDOOR AIR AND OUTDOOR AIR SAMPLING RESULTS
GMCH LOCKPORT BCP SITE No. C932138
2017 - 2025

Location ID:	Building 10									
Sample Name:	10-IA-2-032217	10-IA-2-2018	10-IA-2-2019	10-IA-2-2019(2)	10-IA-2-112519	10-IA-2-2020	10-IA-2-073020	10-IA-2-112320	10-IA-2-2021	10-IA-2-072721
Sample Date:	03/22/2017	3/6/2018	4/17/2019	7/29/2019	11/25/2019	2/25/2020	7/30/2020	11/23/2020	3/3/2021	7/27/2021
Volatile Organic Compounds (ug/M3)										
1,1,1-Trichloroethane	3.3 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
1,1-Dichloroethene	2.4 U	0.14 U	0.14 U	0.14 U	0.14 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U
Carbon tetrachloride	3.8 U	**0.37**	**0.36**	**0.35**	**0.38**	**0.44 J**	**0.35 J**	**0.61 J**	**0.56 J**	1.3 U
cis-1,2-Dichloroethene	2.4 U	**0.33**	**0.28**	0.20 U	**0.57**	**0.39 J**	0.18 U	**0.46 J**	**1.7**	0.79 U
Methylene chloride	5.2 U	1.7 U	1.7 U	**1.8**	1.7 U	**0.99 J**	1.7 U	1.7 U	1.7 U	**26**
Tetrachloroethene	**0.76 J**	**2.7**	**2.3**	**0.3 J**	**4.9**	**4.0**	1.4 U	**5.5**	**13**	**1.4**
Trichloroethene	3.2 U	**0.50**	**0.33**	**0.33**	**0.78**	**0.69 J**	0.19 U	**0.66 J**	**2.3**	1.1 U
Vinyl chloride	1.5 U	0.089 U	0.10 U	0.20 U	**0.11 J**	0.11 U	0.11 U	0.11 U	0.51 U	0.51 U

Notes:

1. Bold values are detected parameters.
2. Green Values indicate a reducing concentration trend.
3. Red Values indicate an increasing concentration trend.
4. U = Parameter Not Detected at a Concentration greater than the Reporting Limit.
5. J = Parameter Detected but the Concentration is an Estimated Value.

TABLE 2
SUMMARY OF SUB-SLAB VAPOR, INDOOR AIR AND OUTDOOR AIR SAMPLING RESULTS
GMCH LOCKPORT BCP SITE No. C932138
2017 - 2025

Location ID:	Building 10										
Sample Name:	10-IA-2-2021	10-IA-2-2022	10-IA-2-072122	10-IA-2-121422	10-IA-2-032823	IA-10-2-080923	IA-10-2-121523	10-IA-2-032124	IA-10-2-082125	IA-10-2-121824	10-IA-2-031825
Sample Date:	11/29/2021	3/1/2022	7/21/2022	12/14/2022	3/28/2023	8/9/2023	12/15/2023	3/21/2024	8/21/2024	12/18/2024	3/18/2025
Volatile Organic Compounds (ug/M3)											
1,1,1-Trichloroethane	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
1,1-Dichloroethene	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U
Carbon tetrachloride	**0.40 J**	**0.38 J**	**0.47 J**	1.3 U	**0.31 J**	**0.37 J**	**0.34 J**	**0.34 J**	**0.17 J**	**0.43 J**	**0.52 J**
cis-1,2-Dichloroethene	**0.52 J**	**0.60 J**	0.79 U	**0.75 J**	**0.74 J**	0.79 U	0.79 U	**0.39 J**	**1.1**	**0.82 B**	**0.87**
Methylene chloride	**2.7**	**0.71 J**	**0.72 J**	**1.1 J**	**0.66 J**	**1.2 J**	**19**	**75**	**60**	**4**	1.7 U
Tetrachloroethene	**6.4**	**7.0**	**1.6**	**4.5**	**9.4**	**1.7**	**2.1**	**6.5**	**8.1**	**9.1**	**11**
Trichloroethene	**0.67 J**	**0.77 J**	**0.22 J**	**0.71 J**	**0.83 J**	**0.22 J**	**0.42 J**	**0.68 J**	**0.97 J**	**0.95 J**	**1.5**
Vinyl chloride	0.51 U	**0.079 J**	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U	**0.20 J**	0.51 U	0.51 U

Notes:

1. Bold values are detected parameters.
2. Green Values indicate a reducing concentration trend.
3. Red Values indicate an increasing concentration trend.
4. U = Parameter Not Detected at a Concentration greater than the Reporting Limit.
5. J = Parameter Detected but the Concentration is an Estimated Value.

TABLE 2
SUMMARY OF SUB-SLAB VAPOR, INDOOR AIR AND OUTDOOR AIR SAMPLING RESULTS
GMCH LOCKPORT BCP SITE No. C932138
2017 - 2025

Location ID:	Building 8										
Sample Name:	8-IA-1-032217	8-IA-1-2018	8-IA-1-2019	8-IA-1-2020	8-IA-1-2021	8-IA-1-2022	8-IA-1-032823	8-IA-1-032124	8-IA-1-040125	8-SS-1-032217	8-SS-1-2018
Sample Date:	03/22/2017	3/6/2018	4/17/2019	2/25/2020	3/3/2021	3/1/2022	3/28/2023	3/21/2024	4/1/2025	03/22/2017	3/6/2018
Volatile Organic Compounds (ug/M3)											
1,1,1-Trichloroethane	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1700 U	4800 U
1,1-Dichloroethene	0.79 U	0.14 U	0.14 U	0.15 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	1200 U	610 U
Carbon tetrachloride	**0.35 J**	**0.36**	**0.39**	**0.40 J**	**0.47 J**	**0.33 J**	**0.30 J**	**0.33 J**	**0.43 J**	1900 U	970 U
cis-1,2-Dichloroethene	**1.0**	**1.2**	**1.1**	**0.59 J**	**0.76 J**	**0.55 J**	**0.57 J**	**0.56 J**	**1.1**	**2000**	**2000**
Methylene chloride	**0.39 J**	**0.43 J**	1.7 U	**1.1 J**	1.7 U	**1.2 J**	1.7 U	**4.4**	**0.76 J**	2600 U	7700 U
Tetrachloroethene	**0.59 J**	**0.57 J**	**0.47 J**	**0.25 J**	**0.48 J**	**0.21 J**	**0.33 J**	**0.32 J**	**0.70 J**	2100 U	6000 U
Trichloroethene	**5.3**	**6.1**	**3.6**	**2.8**	**4.1**	**2.0**	**1.9 J**	**2.7**	**3.5**	**220000**	**470000**
Vinyl chloride	**0.16 J**	**0.12**	**0.10 U**	0.11 U	0.51 U	**0.072 J**	0.51 U	**0.064 J**	**0.14 J**	780 U	390 U

Notes:

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3. Red Values indicate an increasing concentration trend.
4. U = Parameter Not Detected at a Concentration greater than the Reporting Limit.
5. J = Parameter Detected but the Concentration is an Estimated Value.

TABLE 2
SUMMARY OF SUB-SLAB VAPOR, INDOOR AIR AND OUTDOOR AIR SAMPLING RESULTS
GMCH LOCKPORT BCP SITE No. C932138
2017 - 2025

Location ID:	Buillding 8										
Sample Name:	8-IA-2-2017	8-IA-2-2018	8-IA-2-2019	8-IA-2-2020	8-IA-2-2021	8-IA-2-2022	8-IA-2-032823	8-IA-2-032124	8-IA-2-040125	8-SS-2-032217	8-SS-2-2018
Sample Date:	03/22/2017	3/6/2018	4/17/2019	2/25/2020	3/3/2021	3/1/2022	3/28/2023	3/21/2024	4/1/2025	03/22/2017	3/6/2018
Volatile Organic Compounds (ug/M3)											
1,1,1-Trichloroethane	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
1,1-Dichloroethene	0.79 U	0.14 U	0.14 U	0.15 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.14 U
Carbon tetrachloride	**0.44 J**	0.37	0.34	0.38 J	0.49 J	0.36 J	0.27 J	0.36 J	0.40 J	1.3 U	**0.40**
cis-1,2-Dichloroethene	**0.66 J**	1.6	0.53	1.1	1.1	0.37 J	0.29 J	0.45 J	0.78 J	4.5	8.9
Methylene chloride	**6.6**	0.45 J	1.8	1.7 U	1.7 U	12	2.5	0.94 J	1.7 U	**0.82 J**	0.69 J
Tetrachloroethene	**0.40 J**	0.82 J	0.29 J	0.34 J	0.58 J	0.18 J	0.21 J	0.31 J	0.37 J	11	9.0
Trichloroethene	**3.8**	7.0	3.2	4.0	4.5	1.8	1.5	2.9	1.6	86	120
Vinyl chloride	0.51 U	**0.15**	0.10 U	0.11 U	0.51 U	0.51	0.51 U	0.51 U	0.51 U	0.51 U	0.089 U

Notes:

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5. J = Parameter Detected but the Concentration is an Estimated Value.

TABLE 2
SUMMARY OF SUB-SLAB VAPOR, INDOOR AIR AND OUTDOOR AIR SAMPLING RESULTS
GMCH LOCKPORT BCP SITE No. C932138
2017 - 2025

Location ID:	Building 7 East										
Sample Name:	7E-IA-1-032317	7E-IA-1-2018	7E-IA-2019	7E-IA-1-2020	7E-IA-1-2021	7E-IA-1-2022	7E-IA-1-032923	7E-IA-1-032224	7E-IA-1-031925	7E-SS-1-032317	7E-SS-1-2018
Sample Date:	03/23/2017	3/7/2018	4/18/2019	2/26/2020	3/4/2021	3/2/2022	3/29/2023	3/22/2024	3/19/2025	03/23/2017	3/7/2018
Volatile Organic Compounds (ug/M3)											
1,1,1-Trichloroethane	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	4.4 U	4.4 U
1,1-Dichloroethene	0.79 U	0.14 U	0.14 U	0.15 U	1.4 U	0.79 U	0.79 U	0.79 U	0.79 U	3.2 U	3.2 U
Carbon tetrachloride	**0.30 J**	**0.48**	**0.34**	**0.32 J**	**0.40 J**	**0.40 J**	**0.26 J**	**0.39 J**	**0.42 J**	5.0 U	**0.29 J**
cis-1,2-Dichloroethene	**2.7**	**2.3**	**0.2**	**3.5**	**1.4**	**0.98**	**0.83**	**1.1**	**0.47 J**	**240**	**410**
Methylene chloride	**0.96 J**	**0.74 J**	**1.9**	**5.1**	1.7 U	**2.8**	1.7 U	1.7 U	**0.84 J**	6.9 U	6.9 U
Tetrachloroethene	**2.2**	**2.8**	**0.37 J**	**1.9**	**1.3 J**	**1.3 J**	**0.90 J**	**9**	**0.88 J**	**690**	**440**
Trichloroethene	**2.0**	**2.2**	**0.2**	**2.2**	**1.6**	**1.1**	**0.91 J**	**1.2**	**0.50 J**	**550**	**520**
Vinyl chloride	0.51 U	**0.16**	0.10 U	**0.29 J**	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U	2.0 U	**1.1 J**

Notes:

1. Bold values are detected parameters.
2. Green Values indicate a reducing concentration trend.
3. Red Values indicate an increasing concentration trend.
4. U = Parameter Not Detected at a Concentration greater than the Reporting Limit.
5. J = Parameter Detected but the Concentration is an Estimated Value.

TABLE 2
SUMMARY OF SUB-SLAB VAPOR, INDOOR AIR AND OUTDOOR AIR SAMPLING RESULTS
GMCH LOCKPORT BCP SITE No. C932138
2017 - 2025

Location ID:	Building 7 East										
Sample Name:	7E-IA-2-032317	7E-IA-2-2018	7E-IA-2-2019	7E-IA-2-2020	7E-IA-2-2021	7E-IA-2-2022	7E-IA-2-032923	7E-IA-2-032224	7E-IA-2-031925	7E-SS-2-032317	7E-SS-2-2018
Sample Date:	03/23/2017	3/7/2018	4/18/2019	2/26/2020	3/4/2021	3/2/2022	3/29/2023	3/22/2024	3/19/2025	03/23/2017	3/7/2018
Volatile Organic Compounds (ug/M3)											
1,1,1-Trichloroethane	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
1,1-Dichloroethene	0.79 U	0.14 U	0.14 U	0.15 U	1.4 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U
Carbon tetrachloride	**0.37 J**	**0.62**	**0.34**	**0.33 J**	**0.41 J**	**0.38 J**	**0.21 J**	**0.37 J**	1.3 U	**0.31 J**	**0.36 J**
cis-1,2-Dichloroethene	**1.8**	**3.4**	**0.18**	**1.2**	**1.8**	**1.9**	**0.19 J**	**0.98**	**0.17 J**	**1.4**	**1.8**
Methylene chloride	**0.62 J**	**0.77 J**	**0.75 J**	**1.2 J**	1.7 U	**0.91 J**	**1.2 J**	**3.7**	1.7 U	**0.49 J**	**1.9**
Tetrachloroethene	**2.6**	**4.8**	**0.24 J**	**1.5**	**1.5**	**0.24 J**	1.4 U	**7.6**	1.4 U	**2.4**	**2.2**
Trichloroethene	**2.2**	**3.5**	**0.17 J**	**1.6**	**1.8**	**0.17 J**	**0.16 J**	**1.2**	1.1 U	**2.0**	**33**
Vinyl chloride	0.51 U	**0.20**	0.10 U	0.11 U	0.51 U	0.10 U	0.51 U	0.51 U	0.51 U	0.51 U	**0.094 J**

Notes:

1. **Bold values are detected parameters.**
2. **Green Values indicate a reducing concentration trend.**
3. **Red Values indicate an increasing concentration trend.**
4. **U = Parameter Not Detected at a Concentration greater than the Reporting Limit.**
5. **J = Parameter Detected but the Concentration is an Estimated Value.**

TABLE 2
SUMMARY OF SUB-SLAB VAPOR, INDOOR AIR AND OUTDOOR AIR SAMPLING RESULTS
GMCH LOCKPORT BCP SITE No. C932138
2017 - 2025

Location ID:	Building 7A										
Sample Name:	7A-IA-1-032317	7A-IA-1-2018	7A-IA-1-2019	7A-IA-1-2020	7A-IA-1-2021	7A-IA-1-2022	7A-IA-1-032823	7A-IA-1-032124	7A-IA-1-031825	7A-SS-1-032317	7A-SS-1-2018
Sample Date:	03/23/2017	3/7/2018	4/18/2019	2/25/2020	3/3/2021	3/1/2022	3/28/2023	3/21/2024	3/19/2025	03/23/2017	3/7/2018
Volatile Organic Compounds (ug/M3)											
1,1,1-Trichloroethane	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	2.2 U	1.1 U
1,1-Dichloroethene	0.79 U	0.14 U	0.14 U	0.14 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	1.6 U	0.14 U
Carbon tetrachloride	**0.48 J**	0.47	0.36	**0.39 J**	**0.45 J**	1.3 U	**0.21 J**	**0.34 J**	**0.46 J**	2.5 U	**0.4**
cis-1,2-Dichloroethene	**0.21 J**	**0.21**	0.14 U	0.18 U	0.79 U	0.79 U	0.79 U	0.79 U	**0.13 J**	**9.0**	3.2
Methylene chloride	**0.48 J**	**0.68 J**	4	0.17 U	1.7 U	**0.99 J**	4.5	0.63 J	1.7 U	3.5 U	**0.86 J**
Tetrachloroethene	**15**	6.7	1.3 J	3.7	1.8	1.4 U	1.4 U	**0.30 J**	1.7	**82**	24
Trichloroethene	**7.9**	8.8	0.36	**0.98 J**	1.7	1.1 U	1.1 U	1.1 U	**0.29 J**	**220**	45
Vinyl chloride	0.51 U	0.089 U	0.010 U	0.11 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U	1.0 U	0.089 U

Notes:

1. Bold values are detected parameters.
2. Green Values indicate a reducing concentration trend.
3. Red Values indicate an increasing concentration trend.
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TABLE 2
SUMMARY OF SUB-SLAB VAPOR, INDOOR AIR AND OUTDOOR AIR SAMPLING RESULTS
GMCH LOCKPORT BCP SITE No. C932138
2017 - 2025

Location ID:	Building 7A											
Sample Name:	7A-IA-2-032317	7A-IA-2-2018	7A-IA-2-2019	7A-IA-2-2020	7A-IA-2-2021	7A-IA-2-2022	7A-IA-2-032823	7A-IA-2-032124	7A-IA-2-031925	7A-IA-2-031825	7A-SS-2-032317	7A-SS-2-2018
Sample Date:	03/23/2017	3/7/2018	4/18/2019	2/25/2020	3/3/2021	3/1/2022	3/28/2023	3/21/2024	3/19/2025	3/18/2025	03/23/2017	3/7/2018
Volatile Organic Compounds (ug/M3)												
1,1,1-Trichloroethane	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	14 U	7.8 U
1,1-Dichloroethene	0.79 U	0.14 U	0.14 U	0.15 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	10 U	5.7 U
Carbon tetrachloride	**0.49 J**	**0.64**	**0.42**	**0.56 J**	**0.60 J**	**0.49 J**	**0.29 J**	**0.41 J**	**0.54 J**	**0.52 J**	16 U	9.0 U
cis-1,2-Dichloroethene	**0.30 J**	**0.20**	0.14 U	0.18 U	0.79 U	0.79 U	0.79 U	**0.093 J**	**0.28 J**	**0.64 J**	**35**	**29**
Methylene chloride	**0.46 J**	**0.74 J**	1.7 U	1.7 U	1.7 U	**0.73 J**	1.7 U	**6.2**	**1.7**	1.7 U	23 U	12 U
Tetrachloroethene	**24**	**8.1**	**3.4**	**3.3**	**1.9**	**0.42 J**	**0.59 J**	**0.83 J**	**2.2**	**1.5**	**2000**	**900**
Trichloroethene	**14**	**3.0**	**1.0**	**1.1**	**1.7**	**0.16 J**	**0.18 J**	**0.20 J**	**0.70 J**	**0.93 J**	**230**	**140**
Vinyl chloride	0.51 U	0.089 U	0.10 U	0.11 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U	6.6 U	3.7 U

Notes:

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2. Green Values indicate a reducing concentration trend.
3. Red Values indicate an increasing concentration trend.
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5. J = Parameter Detected but the Concentration is an Estimated Value.

TABLE 2
SUMMARY OF SUB-SLAB VAPOR, INDOOR AIR AND OUTDOOR AIR SAMPLING RESULTS
GMCH LOCKPORT BCP SITE No. C932138
2017 - 2025

Location ID:	Building 7 West										
Sample Name:	7W-IA-1-032417	7W-IA-1-2018	7W-IA-2019	7W-IA-1-2020	7W-IA-1-2021	7W-IA-1-2022	7W-IA-1-032923	7W-IA-1-032224	7W-IA-1-031925	7W-SS-1-032417	7W-SS-1-2018
Sample Date:	03/24/2017	03/08/2018	4/18/2019	2/26/2020	3/4/2021	3/2/2022	3/29/2023	3/22/2024	3/19/2025	03/24/2017	03/08/2018
Volatile Organic Compounds (ug/M3)											
1,1,1-Trichloroethane	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	6.6 U	11 U
1,1-Dichloroethene	0.79 U	0.14 U	0.14 U	0.15 U	0.79 U	ND	0.79 U	0.79 U	0.79 U	4.8 U	1.4 U
Carbon tetrachloride	**0.55 J**	**0.41**	**0.36**	**0.29 J**	**0.39 J**	**0.35 J**	**0.16 J**	**0.33 J**	**0.57 J**	7.6 U	2.2 U
cis-1,2-Dichloroethene	**3.1**	**3.7**	**0.68**	**1.0**	**0.55 J**	**0.61 J**	**0.49 J**	**0.43 J**	**0.37 J**	4.8 U	**1.9**
Methylene chloride	**1.5 J**	**0.40 J**	1.7 U	0.94 U	1.7 U	**2.0**	1.7 U	1.7 U	1.7 U	11 U	17 U
Tetrachloroethene	**4.8**	**6.5**	**1.9**	**4.3**	**1.7**	**2.7**	**2.2**	**2.8**	**2**	**25**	**9.6 J**
Trichloroethene	**4.1**	**4.8**	**1.2**	**2.9**	**1.5**	**1.7**	**1.4**	**2.1**	**1.3**	**3.7 J**	**3.5**
Vinyl chloride	**0.12 J**	0.089 U	0.10 U	0.11 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U	3.1 U	0.89 U

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TABLE 2
SUMMARY OF SUB-SLAB VAPOR, INDOOR AIR AND OUTDOOR AIR SAMPLING RESULTS
GMCH LOCKPORT BCP SITE No. C932138
2017 - 2025

Location ID:	Building 7 West									
Sample Name:	7W-IA-2-032417	7W-IA-2-2018	7W-IA-2019	7W-IA-2-2020	7W-IA-2-2021	7W-IA-2-2022	7W-IA-2-032923	7W-IA-2-032224	7W-SS-2-032417	7W-SS-2-2018
Sample Date:	03/24/2017	03/08/2018	4/18/2019	2/26/2020	3/4/2021	3/2/2022	3/29/2023	3/22/2024	03/24/2017	03/08/2018
Volatile Organic Compounds (ug/M3)										
1,1,1-Trichloroethane	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	7.5 U
1,1-Dichloroethene	0.79 U	0.14 U	0.14 U	0.15 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.96 U
Carbon tetrachloride	**0.48 J**	**0.54**	**0.37**	**0.29 J**	**0.45 J**	**0.35 J**	**0.22 J**	**0.36 J**	**0.47 J**	1.5 U
cis-1,2-Dichloroethene	**0.68 J**	**1.1**	**0.32**	**0.21 J**	**0.31 J**	**0.32 J**	**0.33 J**	**0.44 J**	**1.2**	**0.80 J**
Methylene chloride	**1.2 J**	**1.3 J**	**5**	**5.7**	1.7 U	**0.96 J**	**0.85 J**	1.7 U	**0.94 J**	12 U
Tetrachloroethene	**4.6**	**2.7**	**1.4**	**3.3**	**2.4**	**1.7**	**1.4**	**2.7**	**270**	**270**
Trichloroethene	**2.5**	**4.3**	**0.92**	**2.6**	**4.4**	**2.3**	**0.66 J**	**1.7**	**13**	**18**
Vinyl chloride	0.51 U	0.089 U	0.10 U	0.11 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U	0.62 U

Notes:

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TABLE 2
SUMMARY OF SUB-SLAB VAPOR, INDOOR AIR AND OUTDOOR AIR SAMPLING RESULTS
GMCH LOCKPORT BCP SITE No. C932138
2017 - 2025

Location ID:	Building 7 West										
Sample Name:	7W-IA-3-032417	7W-IA-3-2018	7W-IA-3-2019	7W-IA-3-2020	7W-IA-3-2021	7W-IA-3-2022	7W-IA-3-032823	7W-IA-3-032224	7W-IA-3-031925	7W-SS-3-032417	7W-SS-3-2018
Sample Date:	03/24/2017	03/08/2018	4/18/2019	2/26/2020	3/4/2021	3/2/2022	3/29/2023	3/22/2024	3/19/2025	03/24/2017	03/08/2018
Volatile Organic Compounds (ug/M3)											
1,1,1-Trichloroethane	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	27 U	17 U
1,1-Dichloroethene	0.79 U	0.14 U	0.14 U	0.15 U	0.79 U	0.76 U	0.79 U	0.79 U	0.79 U	20 U	2.2 U
Carbon tetrachloride	**0.51 J**	**0.38**	**0.35**	**0.36 J**	1.3 U	**0.39 J**	**0.49 J**	**0.34 J**	**0.54 J**	32 U	3.5 U
cis-1,2-Dichloroethene	0.79 U	**0.54**	**0.2**	**0.46 J**	**0.55 J**	**0.34 J**	**0.44 J**	**0.45 J**	**0.39 J**	**140**	**97**
Methylene chloride	**1.1 J**	**0.38 J**	**3.7**	**4.0**	1.7 U	**4.4**	**1.6 J**	**11**	1.7 U	44 U	28 U
Tetrachloroethene	**11**	**2.7**	**1.1 J**	**2.5**	**0.33 J**	**2.2**	**3.7**	**4.6**	**4.9**	**3200**	**1700**
Trichloroethene	**1.9**	**1.9**	**0.38**	**1.0 J**	1.1 U	**1.1**	**1.8**	**0.89 J**	**0.82 J**	**2100**	**1600**
Vinyl chloride	0.51 U	0.089 U	0.10 U	0.11 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U	13 U	1.4 U

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TABLE 2
SUMMARY OF SUB-SLAB VAPOR, INDOOR AIR AND OUTDOOR AIR SAMPLING RESULTS
GMCH LOCKPORT BCP SITE No. C932138
2017 - 2025

Location ID:	Building 7 West										
Sample Name:	7W-IA-4-032417	7W-IA-4-2018	7W-IA-2019	7W-IA-4-2020	7W-IA-4-2021	7W-IA-4-2022	7W-IA-4-032923	7W-IA-4-032224	7W-IA-4-031925	7W-SS-4-032417	7W-SS-4-2018
Sample Date:	03/24/2017	03/08/2018	4/18/2019	2/26/2020	3/4/2021	3/2/2022	3/29/2023	3/22/2024	3/19/2025	03/24/2017	03/08/2018
Volatile Organic Compounds (ug/M3)											
1,1,1-Trichloroethane	2.2 U	3.3 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	110 U	1.1 U
1,1-Dichloroethene	1.6 U	0.41 U	0.14 U	0.15 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	83 U	**1.3**
Carbon tetrachloride	**0.52 J**	**0.35 J**	**0.37**	**0.33 J**	**0.31 J**	**0.35 J**	**0.28 J**	**0.34 J**	1.3 U	130 U	**0.41**
cis-1,2-Dichloroethene	**0.95 J**	**1.3**	0.14 U	**0.33 J**	**0.36 J**	0.79 U	**0.10 J**	**0.41 J**	**0.16 J**	**620**	**770**
Methylene chloride	**2.1 J**	**1.2 J**	**1.7 J**	1.7 U	1.7 U	**4.0**	**0.66 J**	**0.81 J**	1.7 U	180 U	**1.2 J**
Tetrachloroethene	**4.4**	**2.9 J**	**0.82 J**	**2.0**	15 U	**0.49 J**	**0.35 J**	**2.3**	1.4 U	**350**	**260**
Trichloroethene	**1.5 J**	**1.6**	**0.18 J**	**0.47 J**	**0.48 J**	**0.19 J**	1.1 U	**0.65 J**	1.1 U	**16000**	**21000**
Vinyl chloride	1.0 U	0.27 U	0.10 U	0.11 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U	54 U	**0.13**

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TABLE 2
SUMMARY OF SUB-SLAB VAPOR, INDOOR AIR AND OUTDOOR AIR SAMPLING RESULTS
GMCH LOCKPORT BCP SITE No. C932138
2017 - 2025

Location ID:	Building 7 West										
Sample Name:	7W-IA-5-032417	7W-IA-5-2018	7W-IA-5-2019	7W-IA-5-2020	7W-IA-5-2021	7W-IA-5-2022	7W-IA-5-032923	7W-IA-5-032224	7W-IA-5-031925	7W-SS-5-032417	7W-SS-5-2018
Sample Date:	03/24/2017	03/08/2018	4/18/2019	2/26/2020	3/4/2021	3/2/2022	3/29/2023	3/22/2024	3/19/2025	03/24/2017	03/08/2018
Volatile Organic Compounds (ug/M3)											
1,1,1-Trichloroethane	2.7 U	1.6 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	**0.18 J**
1,1-Dichloroethene	2.0 U	1.2 U	0.14 U	0.15 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.14 U
Carbon tetrachloride	3.1 U	**0.47 J**	**0.35**	**0.33 J**	**0.43 J**	**0.38 J**	**0.30 J**	**0.37 J**	**0.47 J**	**0.37 J**	**0.34**
cis-1,2-Dichloroethene	**1.1 J**	**0.76 J**	**0.18**	**0.66 J**	**1.3**	**0.9**	**0.52 J**	**0.65 J**	**0.23 J**	**1.2**	**1.8**
Methylene chloride	**1.8 J**	**0.72 J**	**6.6**	**17**	1.7 U	**0.74 J**	1.7 U	**44**	1.7 U	**0.94 J**	**1.0 J**
Tetrachloroethene	**5.9**	**4.4**	**1.9**	**5.1**	**6.3**	**4.7**	**4.1**	**4.4**	**2.6**	**110**	**100**
Trichloroethene	**1.3 J**	**0.81 J**	**0.23**	**0.75 J**	**1.3**	**0.62 J**	**0.53 J**	**0.81 J**	**0.38 J**	**22**	**37**
Vinyl chloride	1.3 U	0.77 U	0.10 U	0.11 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U	0.089 U

Notes:

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TABLE 2
SUMMARY OF SUB-SLAB VAPOR, INDOOR AIR AND OUTDOOR AIR SAMPLING RESULTS
GMCH LOCKPORT BCP SITE No. C932138
2017 - 2025

Location ID:	Ambient Outside Air												
Sample Name:	OA-1-032217	OA-2-032317	OA-3-032417	8-10-OA-1-2018	7E-7A-OA-1-2018	OA-1-2018	OA-1-2019	OA-2-2019	10-OA-2-2019	OA-1-112519	OA-1-2020	OA-2-2020	10-OA-073020
Sample Date:	03/22/2017	03/23/2017	03/24/2017	03/06/2018	03/07/2018	03/08/2018	4/17/2019	4/18/2019	7/29/2019	11/25/2019	2/25/2020	2/26/2020	7/30/2020
Volatile Organic Compounds (ug/M3)													
1,1,1-Trichloroethane	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
1,1-Dichloroethene	0.79 U	0.79 U	0.79 U	0.14 U	0.14 U	0.79 U	0.14 U	0.14 U	0.14 U	0.14 U	0.79 U	0.79 U	0.79 U
Carbon tetrachloride	**0.36 J**	**0.36 J**	**0.49 J**	**0.37**	**0.55**	**0.43 J**	**0.38 J**	**0.33 J**	**0.27 J**	**0.36**	**0.44 J**	**0.29 J**	**0.33 J**
cis-1,2-Dichloroethene	0.79 U	0.79 U	0.79 U	0.14 U	0.14 U	0.79 U	0.14 U	0.14 U	0.20 U	0.14 U	0.79 U	0.79 U	0.79 U
Methylene chloride	**0.37 J**	**0.38 J**	**6.2**	**0.72 J**	**0.63 J**	**0.43 J**	1.7 U	**6.6**	**26**	1.7 U	1.7 U	1.7 U	1.7 U
Tetrachloroethene	1.4 U	**0.68 J**	**0.16 J**	1.4 U	**0.17 J**	**0.59 J**	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U
Trichloroethene	1.1 U	1.1 U	1.1 U	0.19 U	0.19 U	**0.091 J**	0.19 U	0.19 U	0.19 U	0.19 U	1.1 U	0.19 U	1.1 U
Vinyl chloride	0.51 U	0.51 U	0.51 U	0.089 U	0.089 U	0.51 U	0.10 U	0.089 U	0.20 U	0.11 U	0.11 U	0.11 U	0.11 U

Notes:

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TABLE 2
SUMMARY OF SUB-SLAB VAPOR, INDOOR AIR AND OUTDOOR AIR SAMPLING RESULTS
GMCH LOCKPORT BCP SITE No. C932138
2017 - 2025

Location ID:	Ambient Outside Air											
Sample Name:	OA-112320	OA-1-2021	OA-2-2021	OA-112921	OA-1-2022	OA-2-2022	OA-072122	OA-121422	OA-1-032823	OA-2-032923	OA-10-080923	OA-10-121523
Sample Date:	11/23/2020	3/3/2021	3/4/2021	11/29/2021	3/1/2022	3/2/2022	7/21/2022	12/14/2022	3/28/2023	3/29/2023	8/9/2023	12/15/2023
Volatile Organic Compounds (ug/M3)												
1,1,1-Trichloroethane	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
1,1-Dichloroethene	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U
Carbon tetrachloride	**0.50 J**	**0.43 J**	**0.41 J**	**0.38 J**	**0.33 J**	**0.35 J**	**0.49 J**	**0.49 J**	**0.20 J**	**0.25 J**	**0.31 J**	**0.30 J**
cis-1,2-Dichloroethene	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U
Methylene chloride	**1.7**	1.7 U	1.7 U	**4.0**	**0.90 J**	**0.75 J**	**3.1**	**0.64 J**	**0.85 J**	1.7 U	1.7 U	1.7 U
Tetrachloroethene	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	**0.46 J**	**0.27 J**	1.4 U	1.4 U	**1.2 J**	**0.43 J**
Trichloroethene	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	**0.27 J**	1.1 U	1.1 U	**0.26 J**	1.1 U
Vinyl chloride	0.11 U	0.11 U	0.11 U	0.51 U	0.51 U	0.11 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U

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4. U = Parameter Not Detected at a Concentration greater than the Reporting Limit.
5. J = Parameter Detected but the Concentration is an Estimated Value.

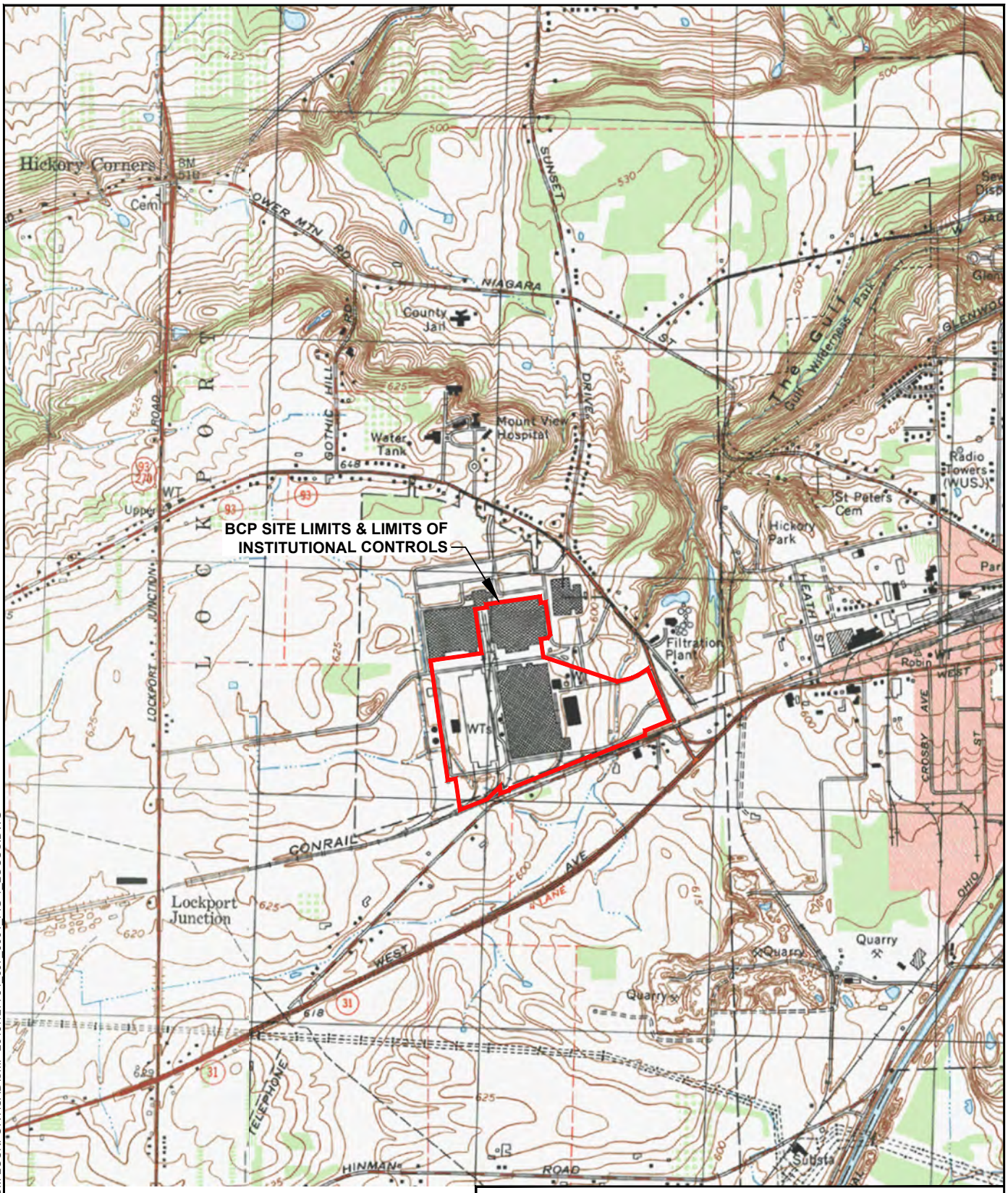
TABLE 2
SUMMARY OF SUB-SLAB VAPOR, INDOOR AIR AND OUTDOOR AIR SAMPLING RESULTS
GMCH LOCKPORT BCP SITE No. C932138
2017 - 2025

Location ID:	Ambient Outside Air						
Sample Name:	OA-1-032124	OA-2-032224	OA-10-082124	OA-10-121824	OA-1-031825	OA-2-031925	OA-3-040125
Sample Date:	3/21/2024	3/22/2024	8/21/2024	12/18/2024	3/18/2025	3/19/2025	4/1/2025
Volatile Organic Compounds (ug/M3)							
1,1,1-Trichloroethane	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.2 U	1.1 U
1,1-Dichloroethene	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.89 U	0.79 U
Carbon tetrachloride	0.34 J	0.36 J	0.28 J	0.20 J	0.51 J	0.37 J	1.3 U
cis-1,2-Dichloroethene	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.89 U	0.79 U
Methylene chloride	**1.0 J**	1.6 J	8.5	2.3	1.7 U	1.9 U	1.7 U
Tetrachloroethene	1.4 U	1.4 U	**0.28 J**	1.4 U	1.4 U	1.5 U	1.4 U
Trichloroethene	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.2 U	1.1 U
Vinyl chloride	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U	0.57 U	0.51 U

Notes:

1. Bold values are detected parameters.
2. Green Values indicate a reducing concentration trend.
3. Red Values indicate an increasing concentration trend.
4. U = Parameter Not Detected at a Concentration greater than the Reporting Limit.
5. J = Parameter Detected but the Concentration is an Estimated Value.

FIGURES



SITE COORDINATES: 43°10'2"N 78°44'12"W



U.S.G.S. QUADRANGLE LOCKPORT, NEW YORK

HALEY ALDRICH

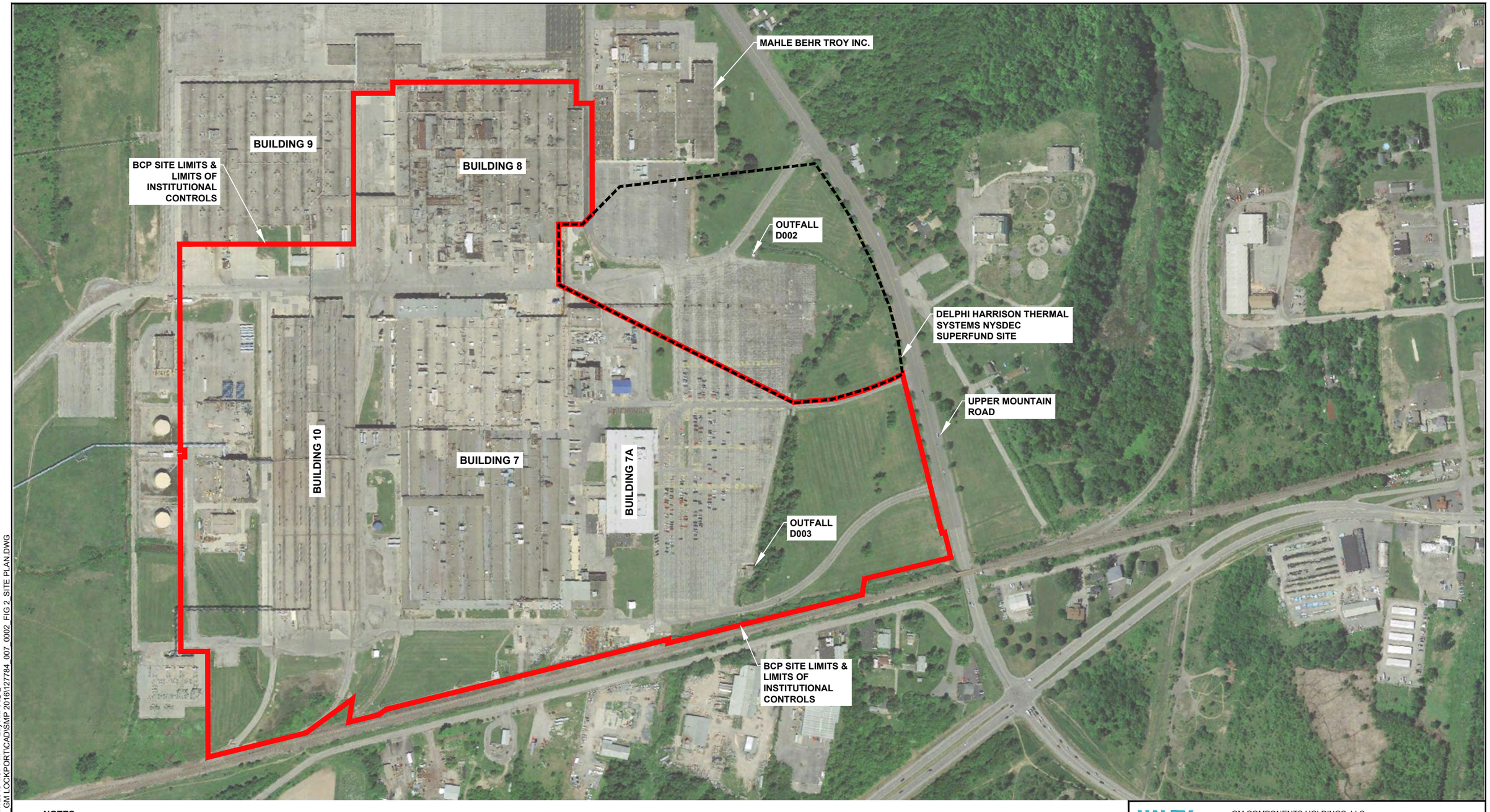
GM COMPONENTS HOLDINGS, LLC
LOCKPORT FACILITY
200 UPPER MOUNTAIN ROAD
LOCKPORT, NEW YORK

PROJECT LOCUS

SCALE: 1:24000
NOVEMBER 2016

FIGURE 1

VARI. KATALIN Printed: 11/7/2016 4:53 PM Layout: FIG 1
\\ROC\COMMON\PROJECTS\36795 GM LOCKPORT\CAD\SMP 2016\127784 007 0001 FIG 1 LOCUS.DWG



NOTES

1. THIS FIGURE IS BASED ON THE DRAWING PROVIDED BY DELPHI THERMAL AND INTERIOR SYSTEMS, DATED SEPTEMBER 2007.
2. SITE BOUNDARY UPDATED PER SURVEY PROVIDED BY MACINTOSH & MACINTOSH, P.C., DATED AUGUST 11, 2015.
3. AERIAL IMAGERY COURTESY OF GOOGLE EARTH PRO, DATED JUNE 2015.

N

0 400 800

SCALE IN FEET

HALEY ALDRICH

GM COMPONENTS HOLDINGS, LLC
LOCKPORT FACILITY
200 UPPER MOUNTAIN ROAD
LOCKPORT, NEW YORK

SITE PLAN

SCALE: AS SHOWN
NOVEMBER 2016

FIGURE 2

VARI, KATALIN Printed: 11/7/2016 4:57 PM Layout: FIG 2
\\ROC\COMMON\PROJECTS\36795_GM LOCKPORT\CAD\SMP 2016\127784_007_0002_FIG 2_SITE PLAN.DWG

BUILDING 7

7-M-2	0-2
Benzo(a)pyrene	1.2J [BC]

7-M-3	6-7.8
Aroclor 1248	1.6 [B]

7-C-3	2-4
Benzo(a)anthracene	46 [ABC]
Benzo(a)pyrene	25 [ABC]
Benzo(b)fluoranthene	35 [ABC]
Dibenzo(a,h)anthracene	3J [BC]
Indeno(1,2,3-cd)pyrene	9.4 [AB]

7-C-2	0-2
Benzo(a)anthracene	8.8 [AB]
Benzo(a)pyrene	7.2J [BC]
Benzo(b)fluoranthene	9.7 [AB]
Dibenzo(a,h)anthracene	1.8J [BC]

7-G-3-B	6-8
PCE	340D [ABC]

7-R-1	6-8
Benzo(a)pyrene	2.4 [BC]

7-G-8-B	3-10
PCE	1000D [ABC]

7-R-3	6-7.5
Benzo(a)pyrene	5.5 [BC]
Dibenzo(a,h)anthracene	1.2 [BC]
Benzo(b)fluoranthene	12D [ABC]
Copper	307 [B]

7-G-8-C	8-10.5
PCE	510D [ABC]

7-G-4-C	8-10.7
Aroclor 1248	11 [AB]

7-SB-12	1-4
Lead	1620 [AB]

7-FF-1, 7-FF-2, 7-L-1, 7-M-1, 7-M-2, 7-M-3, 7-M-4, 7-M-5, 7-M-6, 7-G-7-A, 7-G-7-B, 7-G-3-A, 7-G-3-B, 7-G-3-C, 7-G-11-A, 7-G-11-B, 7-G-11-C, 7-G-6-A, 7-G-6-B, 7-R-1, 7-R-2, 7-G-8-A, 7-G-8-B, 7-G-8-C, 7-G-5-A, 7-G-5-B, 7-G-5-C, 7-R-3, 7-G-10-A, 7-G-10-B, 7-G-10-C, 7-A-1, 7-G-4-A, 7-G-4-B, 7-G-4-C, 7-G-4-D, 7-G-4-E, 7-G-2-A, 7-G-2-B, 7-G-2-C, 7-B-1, 7-B-2, 7-B-3, 7-G-A-7, 7-A-2, 7-A-4, 7-A-5, 7-A-8, 7-A-9, 7-G-1-A, 7-G-1-B, 7-G-1-C, 7-G-1-D, 7-SB-1, 7-SB-2, 7-SB-3, 7-SB-4, 7-SB-5, 7-SB-6, 7-SB-7, 7-SB-8, 7-SB-9, 7-SB-10, 7-SB-11, 7-SB-12, 7-112-A, 7-112-BR, MW-10-3, MW-7-7, MW-7-8, MW-7-A-6, MW-7-C-2, MW-7-6, MW-7-5, MW-7-P-1, MW-8, MW-9, GS-A, GS-B, GS-C

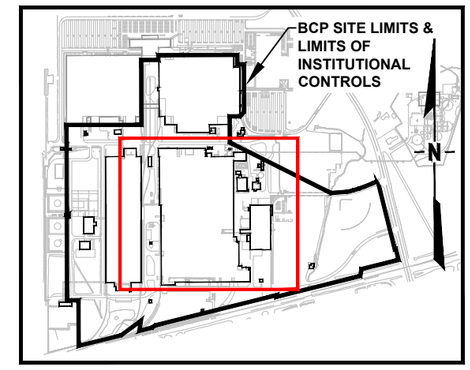
BCP SITE LIMITS & LIMITS OF INSTITUTIONAL CONTROLS

LEGEND

- APPROXIMATE LOCATION OF SOIL BORING
- ERM BORING LOCATION
- APPROXIMATE LOCATION OF MONITORING WELL

NOTES

1. THIS FIGURE IS BASED ON THE DRAWING PROVIDED BY DELPHI THERMAL AND INTERIOR SYSTEMS, DATED SEPTEMBER 2007.
2. DATA RESULTS ARE SHOWN IN mg/kg.
3. CHEMICALS SHOWN IN DATABOXES EXCEEDED NYSDEC SOIL CLEANUP OBJECTIVES.
4. RESULTS IN RED EXCEED NYSDEC SOIL CLEANUP OBJECTIVES:
   [A] - PROTECTION OF GROUNDWATER CRITERIA
   [B] - RESTRICTED COMMERCIAL CRITERIA
   [C] - RESTRICTED INDUSTRIAL CRITERIA
5. DATA QUALIFIERS:
   J - ESTIMATED RESULT
   D - DILUTION REQUIRED



SITE KEY
NOT TO SCALE

N

0 150 300
SCALE IN FEET

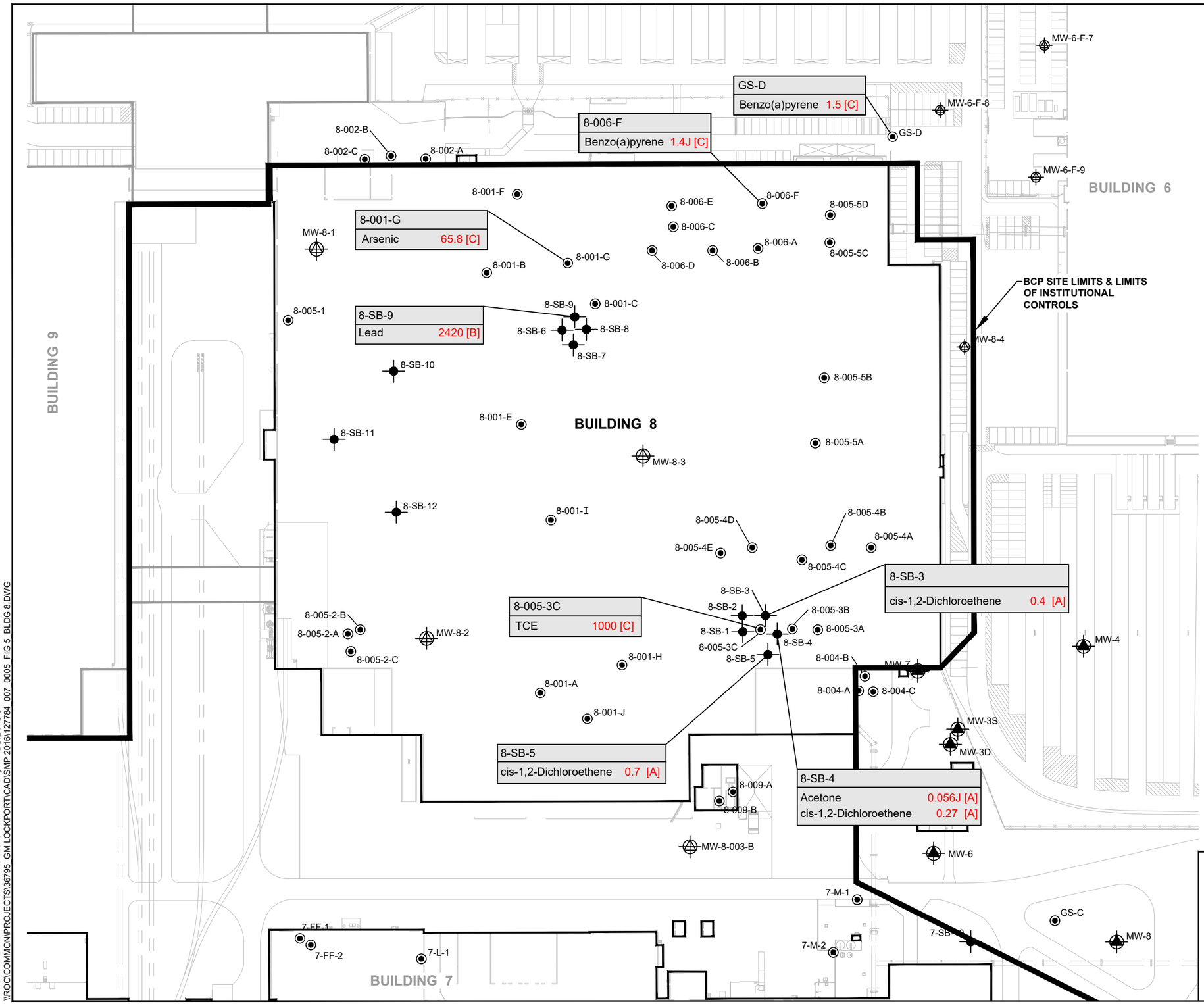
GM COMPONENTS HOLDINGS, LLC
LOCKPORT FACILITY
200 UPPER MOUNTAIN ROAD
LOCKPORT, NEW YORK

BUILDING 7 SOIL ANALYTICAL EXCEEDANCES SUMMARY

SCALE: AS SHOWN
NOVEMBER 2016

FIGURE 4

VARI, KATALIN Printed: 11/7/2016 1:14 PM Layout: SOIL FIG 4
\\ROC\COMMON\PROJECTS\36795 GM LOCKPORT\CAD\SMP 2016\127784 007 0004 FIG 4 BLDG 7.DWG

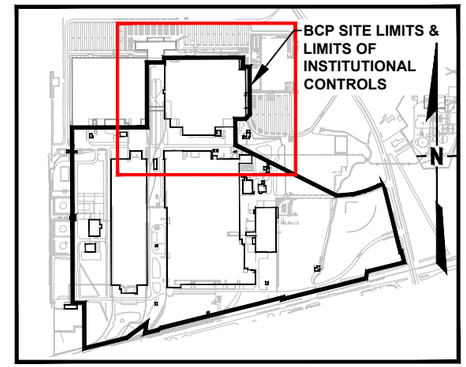


LEGEND

- TCE AREA MONITORING WELL WITHIN THE ENVIRONMENTAL EASEMENT AREA, PREVIOUSLY LOCATED. (APPROXIMATE LOCATION)
- APPROXIMATE LOCATION OF SOIL BORING
- ERM BORING LOCATION
- APPROXIMATE LOCATION OF MONITORING WELL

NOTES

1. THIS FIGURE IS BASED ON THE DRAWING PROVIDED BY DELPHI THERMAL AND INTERIOR SYSTEMS, DATED SEPTEMBER 2007.
2. DATA RESULTS ARE SHOWN IN mg/kg.
3. CHEMICALS SHOWN IN DATABOXES EXCEEDED NYSDEC SOIL CLEANUP OBJECTIVES.
4. RESULTS IN RED EXCEED NYSDEC SOIL CLEANUP OBJECTIVES:
   [A] - PROTECTION OF GROUNDWATER CRITERIA
   [B] - RESTRICTED COMMERCIAL CRITERIA
   [C] - RESTRICTED INDUSTRIAL CRITERIA
5. DATA QUALIFIERS:
   J - ESTIMATED RESULT
   D - DILUTION REQUIRED



SITE KEY
NOT TO SCALE

N

0 120 240
SCALE IN FEET

HALEY ALDRICH

GM COMPONENTS HOLDINGS, LLC
LOCKPORT FACILITY
200 UPPER MOUNTAIN ROAD
LOCKPORT, NEW YORK

BUILDING 8
SOIL ANALYTICAL EXCEEDANCES SUMMARY

SCALE: AS SHOWN
NOVEMBER 2016

FIGURE 5

VARI, KATALIN Printed: 11/7/2016 1:17 PM Layout: SOIL FIG 5
\\ROC\COMMON\PROJECTS\36795 GM LOCKPORT\CAD\SMP 2016\127784 007 0005 FIG 5 BLDG 8.DWG

10-SB-11	12/30/2010 2 - 4 ft BGS
Volatile Organic Compounds Tetrachloroethene	21 [B]

SP-7	10/20/2010 4 - 6 ft BGS
Volatile Organic Compounds Tetrachloroethene	297 [AB]

SP- 1	10/2010 2 - 4 BGS
Volatile Organic Compounds Tetrachloroethene	770 [ABC]

SP- 16	10/2010 2 - 4 BGS
Volatile Organic Compounds Tetrachloroethene	1.9 [A]

10-SB-12	12/30/2010 4 - 6 ft BGS
Volatile Organic Compounds Tetrachloroethene	460 [AB]

10-SB-15	12/30/2010 6 - 8 ft BGS
Volatile Organic Compounds Tetrachloroethene	350 [AB]

SP-2	10/2010 2 - 4 ft BGS
Volatile Organic Compounds Tetrachloroethene	4.7 [A]

SP- 19	10/2010 4 - 6 BGS
Volatile Organic Compounds Tetrachloroethene	2.5 [A]

SP-8	10/2010 2 - 4 ft BGS
Volatile Organic Compounds Tetrachloroethene	3.0 [A]

10-SB-105	10/2010 0 - 2 ft BGS
Metals Cadmium	22.3 [AB]

10-SB-16	12/30/2010 2 - 4 ft BGS
Volatile Organic Compounds Tetrachloroethene	70 [A]

10-SB-14	12/30/2010 6 - 8 ft BGS
Volatile Organic Compounds Tetrachloroethene	870 [AB]

SP-13	10/2010 2 - 4 ft BGS
Volatile Organic Compounds Tetrachloroethene	3.0 [A]

SP- 21	10/2010 0.5 - 2 ft / 6 - 8 BGS
Volatile Organic Compounds Tetrachloroethene	8.9 [A] / 2.6 [A]

10-SB-17	12/30/2010 4 - 6 ft BGS
Volatile Organic Compounds Tetrachloroethene	5 [A]

SP-18	10/2010 0.5 - 2 ft BGS
Volatile Organic Compounds Tetrachloroethene	3.2 [A]

BUILDING 10

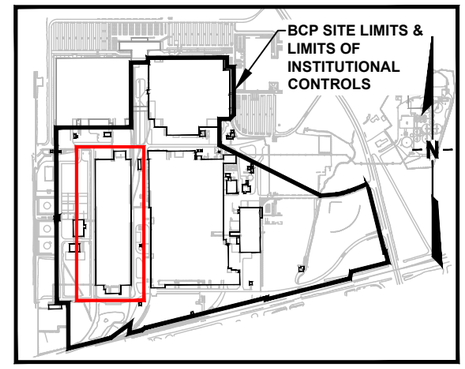
BCP SITE LIMITS & LIMITS OF INSTITUTIONAL CONTROLS

LEGEND

- APPROXIMATE LOCATION OF MONITORING WELL
- APPROXIMATE LOCATION OF SOIL BORING
- APPROXIMATE LOCATION OF AIR SAMPLE
- ERM BORING LOCATION
- APPROXIMATE LOCATION OF SOIL PROBES (GZA, OCTOBER 2010)

NOTES

1. THIS FIGURE IS BASED ON THE DRAWING PROVIDED BY DELPHI THERMAL AND INTERIOR SYSTEMS, DATED SEPTEMBER 2007.
2. THE LOCATIONS OF THE MONITORING WELLS WERE DETERMINED BY GEOENVIRONMENTAL OF NEW YORK. THE LOCATIONS OF MONITORING WELLS SHOULD BE CONSIDERED APPROXIMATE. DATABOXES SHOWN IN MG/KG.
3. CHEMICALS SHOWN IN DATABOXES EXCEEDED CRITERIA FOR BUILDING.
4. RESULTS IN RED EXCEED CRITERIA:
   [A] - RESTRICTED INDUSTRIAL CRITERIA
   [B] - PROTECTION OF GROUNDWATER CRITERIA



SITE KEY
NOT TO SCALE

N

0 150 300
SCALE IN FEET

HALEY ALDRICH

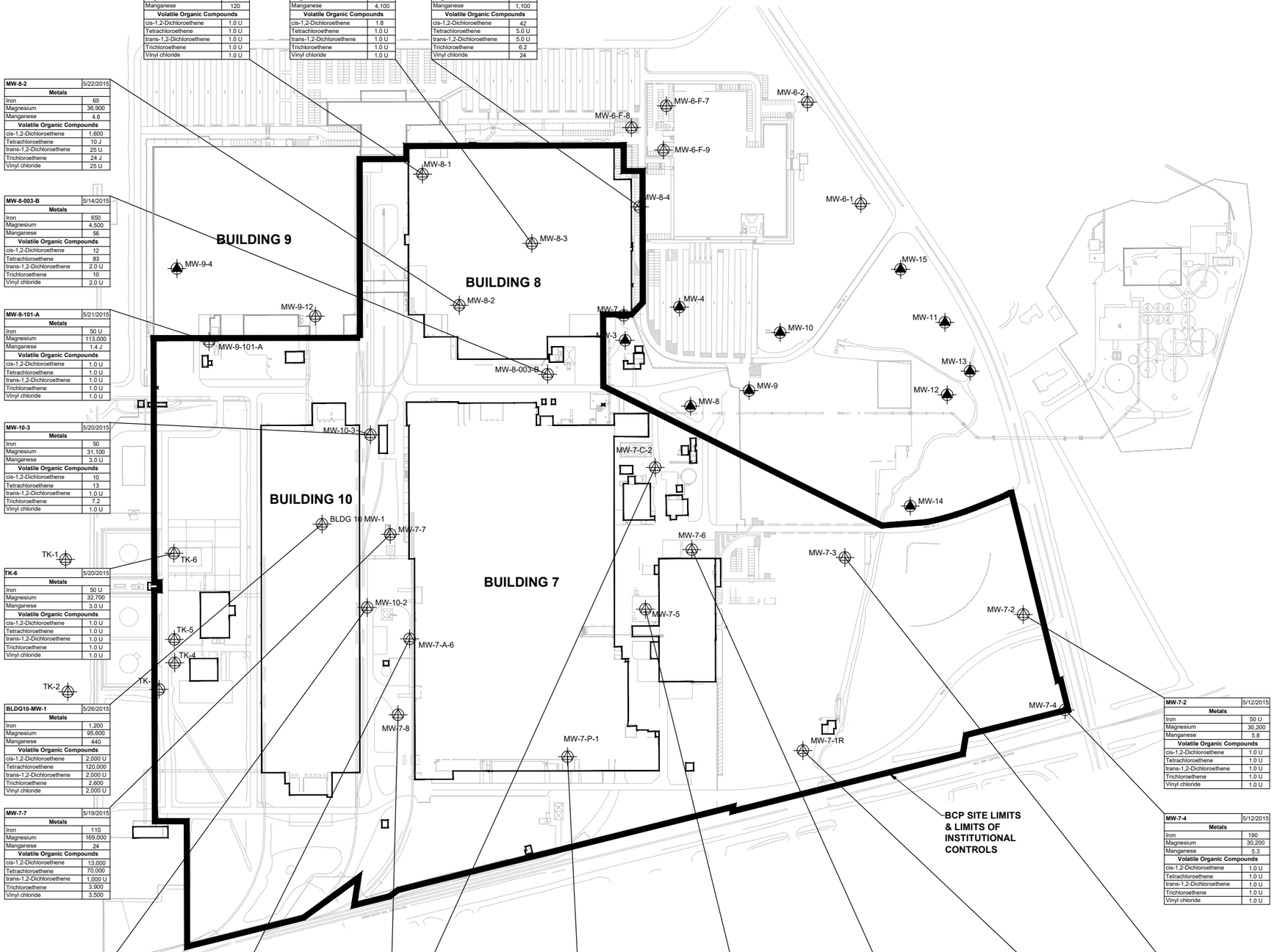
GM COMPONENTS HOLDINGS, LLC
LOCKPORT FACILITY
200 UPPER MOUNTAIN ROAD
LOCKPORT, NEW YORK

BUILDING 10
SOIL ANALYTICAL EXCEEDANCES SUMMARY

SCALE: AS SHOWN
NOVEMBER 2016

FIGURE 6

VARI, KATALIN Printed: 11/7/2016 1:19 PM Layout: SOIL FIG 6
\\ROC\COMMON\PROJECTS\36795 GM LOCKPORT\CAD\SMP 2016\127784 007 0006 FIG 6 BLDG 10.DWG



MW-8-1	5/22/2015
Metals	
Iron	40 J
Magnesium	102,000
Manganese	120
Volatile Organic Compounds	
cis-1,2-Dichloroethene	1.0 U
Tetrachloroethene	1.0 U
trans-1,2-Dichloroethene	1.0 U
Trichloroethene	1.0 U
Vinyl chloride	1.0 U

MW-8-3	5/22/2015
Metals	
Iron	1,000
Magnesium	61,000
Manganese	4,100
Volatile Organic Compounds	
cis-1,2-Dichloroethene	1.8
Tetrachloroethene	1.0 U
trans-1,2-Dichloroethene	1.0 U
Trichloroethene	1.0 U
Vinyl chloride	1.0 U

MW-8-4	5/12/2015
Metals	
Iron	2,400
Magnesium	124,000
Manganese	1,100
Volatile Organic Compounds	
cis-1,2-Dichloroethene	42
Tetrachloroethene	5.0 U
trans-1,2-Dichloroethene	5.0 U
Trichloroethene	6.2
Vinyl chloride	24

MW-8-2	5/22/2015
Metals	
Iron	65
Magnesium	36,900
Manganese	4.6
Volatile Organic Compounds	
cis-1,2-Dichloroethene	1,600
Tetrachloroethene	10 J
trans-1,2-Dichloroethene	25 U
Trichloroethene	24 J
Vinyl chloride	25 U

MW-8-003-B	5/14/2015
Metals	
Iron	650
Magnesium	4,500
Manganese	56
Volatile Organic Compounds	
cis-1,2-Dichloroethene	12
Tetrachloroethene	83
trans-1,2-Dichloroethene	2.0 U
Trichloroethene	10
Vinyl chloride	2.0 U

MW-9-101-A	5/21/2015
Metals	
Iron	50 U
Magnesium	113,000
Manganese	1.4 J
Volatile Organic Compounds	
cis-1,2-Dichloroethene	1.0 U
Tetrachloroethene	1.0 U
trans-1,2-Dichloroethene	1.0 U
Trichloroethene	1.0 U
Vinyl chloride	1.0 U

MW-10-3	5/20/2015
Metals	
Iron	50
Magnesium	31,100
Manganese	3.0 U
Volatile Organic Compounds	
cis-1,2-Dichloroethene	10
Tetrachloroethene	13
trans-1,2-Dichloroethene	1.0 U
Trichloroethene	7.2
Vinyl chloride	1.0 U

TK-6	5/20/2015
Metals	
Iron	50 U
Magnesium	32,700
Manganese	3.0 U
Volatile Organic Compounds	
cis-1,2-Dichloroethene	1.0 U
Tetrachloroethene	1.0 U
trans-1,2-Dichloroethene	1.0 U
Trichloroethene	1.0 U
Vinyl chloride	1.0 U

BLDG10-MW-1	5/26/2015
Metals	
Iron	1,200
Magnesium	95,600
Manganese	440
Volatile Organic Compounds	
cis-1,2-Dichloroethene	2,000 U
Tetrachloroethene	120,000
trans-1,2-Dichloroethene	2,000 U
Trichloroethene	2,600
Vinyl chloride	2,000 U

MW-7-7	5/19/2015
Metals	
Iron	110
Magnesium	169,000
Manganese	24
Volatile Organic Compounds	
cis-1,2-Dichloroethene	13,000
Tetrachloroethene	70,000
trans-1,2-Dichloroethene	1,000 U
Trichloroethene	3,900
Vinyl chloride	3,500

MW-7-2	5/12/2015
Metals	
Iron	50 U
Magnesium	30,200
Manganese	5.8
Volatile Organic Compounds	
cis-1,2-Dichloroethene	1.0 U
Tetrachloroethene	1.0 U
trans-1,2-Dichloroethene	1.0 U
Trichloroethene	1.0 U
Vinyl chloride	1.0 U

MW-7-4	5/12/2015
Metals	
Iron	190
Magnesium	30,200
Manganese	5.3
Volatile Organic Compounds	
cis-1,2-Dichloroethene	1.0 U
Tetrachloroethene	1.0 U
trans-1,2-Dichloroethene	1.0 U
Trichloroethene	1.0 U
Vinyl chloride	1.0 U

MW-10-2	5/19/2015
Metals	
Iron	55
Magnesium	71,000
Manganese	100
Volatile Organic Compounds	
cis-1,2-Dichloroethene	1,300
Tetrachloroethene	150
trans-1,2-Dichloroethene	18 J
Trichloroethene	140
Vinyl chloride	38

MW-7-A-6	5/18/2015
Metals	
Iron	280
Magnesium	124,000
Manganese	1,100
Volatile Organic Compounds	
cis-1,2-Dichloroethene	28,000
Tetrachloroethene	120,000
trans-1,2-Dichloroethene	5,000 U
Trichloroethene	19,000
Vinyl chloride	5,000 U

MW-7-8	5/19/2015
Metals	
Iron	18,500
Magnesium	230,000
Manganese	450
Volatile Organic Compounds	
cis-1,2-Dichloroethene	790
Tetrachloroethene	140
trans-1,2-Dichloroethene	3.8 J
Trichloroethene	43
Vinyl chloride	32

MW-7-C-2	5/15/2015
Metals	
Iron	400
Magnesium	111,000
Manganese	190
Volatile Organic Compounds	
cis-1,2-Dichloroethene	390
Trichloroethene	5.0 U
trans-1,2-Dichloroethene	5.0 U
Trichloroethene	5.0 U
Vinyl chloride	36

MW-7-P-1	5/26/2015
Metals	
Iron	72,900
Magnesium	457,000
Manganese	9,100
Volatile Organic Compounds	
cis-1,2-Dichloroethene	2.0
Tetrachloroethene	1.0 U
trans-1,2-Dichloroethene	2.3
Trichloroethene	0.93 J
Vinyl chloride	7.4

MW-7-5	5/18/2015
Metals	
Iron	130
Magnesium	142,000
Manganese	1,100
Volatile Organic Compounds	
cis-1,2-Dichloroethene	460
Tetrachloroethene	5,400
trans-1,2-Dichloroethene	100 U
Trichloroethene	580
Vinyl chloride	100 U

MW-7-6	5/15/2015
Metals	
Iron	92
Magnesium	85,900
Manganese	190
Volatile Organic Compounds	
cis-1,2-Dichloroethene	440
Tetrachloroethene	430
trans-1,2-Dichloroethene	10 U
Trichloroethene	240
Vinyl chloride	40

MW-7-1R	5/11/2015
Metals	
Iron	71
Magnesium	106,000
Manganese	340
Volatile Organic Compounds	
cis-1,2-Dichloroethene	1.0 U
Tetrachloroethene	1.0 U
trans-1,2-Dichloroethene	1.0 U
Trichloroethene	1.0 U
Vinyl chloride	1.0 U

MW-7-3	5/11/2015
Metals	
Iron	3,400
Magnesium	234,000
Manganese	350
Volatile Organic Compounds	
cis-1,2-Dichloroethene	10 U
Tetrachloroethene	10 U
trans-1,2-Dichloroethene	10 U
Trichloroethene	10 U
Vinyl chloride	50

LEGEND

TCE AREA MONITORING WELL WITHIN THE DELPHI HARRISON THERMAL SYSTEM SITE AREA (SITE #932 113) (APPROXIMATE LOCATION).

LOCATION OF BCP MONITORING WELL

NOTES

1. THIS FIGURE IS BASED ON THE DRAWING PROVIDED BY DELPHI THERMAL AND INTERIOR SYSTEMS, DATED SEPTEMBER 2007.
2. THE LOCATIONS OF THE MONITORING WELLS WERE DETERMINED BY GZA GEOENVIRONMENTAL OF NEW YORK AND ARE CONSIDERED APPROXIMATE.
3. DATA IN UNITS OF UG/L.
4. CONTAMINANTS OF CONCERN SHOWN IN DATABOXES.
5. DATA QUALIFIERS:
   U - RESULT WAS NOT DETECTED ABOVE REPORTING LIMIT.
   J OR B - ESTIMATED RESULT

N

0 200 400 600 800

SCALE IN FEET

HALEY ALDRICH

GM COMPONENTS HOLDINGS, LLC
LOCKPORT FACILITY
200 UPPER MOUNTAIN ROAD
LOCKPORT, NEW YORK

BCP SITE GROUNDWATER ANALYTICAL RESULTS SUMMARY 2015

SCALE: AS SHOWN
NOVEMBER 2016

FIGURE 7

VARI, KATALIN Printed: 11/9/2016 5:11 PM Layout: FIG 7
\\ROC\COMMON\PROJECTS\36795 GM LOCKPORT\CAD\SMP 2016\127784 007 0007 FIG 7 GW RESULTS.DWG

7-VI-6	7-VI-6IA 1/18/2011	7-VI-6IA 1/20/2011	7-VI-6SS 1/20/2011
1,1,1-Trichloroethane	2.2 U/1.1 U	0.87 U	0.87 U
1,1-Dichloroethene	0.79 U/1.6 U	0.63 U	0.63 U
Carbon tetrachloride	1.3 U/0.64	0.51	0.50 U
cis-1,2-Dichloroethene	0.79 U/1.6 U	1.2	2.0
Tetrachloroethene	9.6/11	4.7	12
Trichloroethene	7.2/5.6	3.5	160
Vinyl chloride	1.0 U/0.51 U	0.41 U	0.41 U

7-VI-7	7-VI-7IA 1/18/2011	7-VI-7SS 1/18/2011
1,1,1-Trichloroethane	1.1 U	10000 U
1,1-Dichloroethene	0.79 U	7900
Carbon tetrachloride	0.63 U	6000 U
cis-1,2-Dichloroethene	1.3	2400000
Tetrachloroethene	16	7600000
Trichloroethene	10	1800000
Vinyl chloride	0.51 U	24000

7-VI-8	7-VI-8IA 1/18/2011	7-VI-8SS 1/18/2011
1,1,1-Trichloroethane	2.3 U	220 U
1,1-Dichloroethene	1.7 U	160 U
Carbon tetrachloride	1.4 U	130 U
cis-1,2-Dichloroethene	34	2000
Tetrachloroethene	230	70000
Trichloroethene	53	16000
Vinyl chloride	1.1 U	100 U

7-VI-9	7-VI-9IA 1/18/2011	7-VI-9SS 1/18/2011
1,1,1-Trichloroethane	0.44 U	20 U
1,1-Dichloroethene	0.32 U	130
Carbon tetrachloride	0.51	11 U
cis-1,2-Dichloroethene	1.9	1000
Tetrachloroethene	5.4	11000
Trichloroethene	5.8	1300
Vinyl chloride	0.24	16

7-VI-3	7-VI-3IA 1/18/2011	7-VI-3SS 1/18/2011
1,1,1-Trichloroethane	1.1 U	1.1 U
1,1-Dichloroethene	0.79 U	0.79 U
Carbon tetrachloride	0.63 U	1.7
cis-1,2-Dichloroethene	1.2	0.79 U
Tetrachloroethene	7.3	290
Trichloroethene	6.9	63
Vinyl chloride	0.51 U	0.51 U

7-VI-10	7-VI-10IA 1/18/2011	7-VI-10SS 1/18/2011
1,1,1-Trichloroethane	4.4 U	2.2 U
1,1-Dichloroethene	3.2 U	1.6 U
Carbon tetrachloride	2.5 U	1.3 U
cis-1,2-Dichloroethene	3.2 U	1.6 U
Tetrachloroethene	13	110
Trichloroethene	7.9	17
Vinyl chloride	2.0 U	1.0 U

7-VI-5	7-VI-5IA 1/18/2011	7-VI-5SS 1/18/2011
1,1,1-Trichloroethane	1.1 U	230 U
1,1-Dichloroethene	0.79 U	170 U
Carbon tetrachloride	0.63 U	130 U
cis-1,2-Dichloroethene	0.86	310
Tetrachloroethene	6.5	760
Trichloroethene	4.8	480
Vinyl chloride	0.51 U	310

7-VI-4	7-VI-4IA 1/18/2011	7-VI-4SS 1/18/2011
1,1,1-Trichloroethane	0.87 U	8.7 U
1,1-Dichloroethene	0.63 U	6.3 U
Carbon tetrachloride	0.61	5.0 U
cis-1,2-Dichloroethene	2.3	1700
Tetrachloroethene	6.7	280
Trichloroethene	7.3	2300
Vinyl chloride	0.41 U	46

7-VI-2	7-VI-2IA 1/18/2011	7-VI-2SS 1/18/2011
1,1,1-Trichloroethane	2.2 U	53 U
1,1-Dichloroethene	1.6 U	41
Carbon tetrachloride	1.3 U	31 U
cis-1,2-Dichloroethene	1.6 U	410
Tetrachloroethene	5.0	2200
Trichloroethene	2.7	10000
Vinyl chloride	1.0 U	25 U

7-VI-1	7-VI-1IA 1/18/2011	7-VI-1SS 1/18/2011
1,1,1-Trichloroethane	4.4 U/2.2 U	4.4 U
1,1-Dichloroethene	3.2 U/1.6 U	3.2 U
Carbon tetrachloride	2.5 U/1.3 U	2.5 U
cis-1,2-Dichloroethene	3.2 U/1.6 U	15
Tetrachloroethene	5.4 U/4.0	39
Trichloroethene	2.7/3.0	9.9
Vinyl chloride	2.0 U/1.0 U	2.0 U

7-VI-11	7-VI-11IA 1/18/2011	7-VI-11SS 1/18/2011
1,1,1-Trichloroethane	0.87 U	1.1 U
1,1-Dichloroethene	0.63 U	0.79 U
Carbon tetrachloride	0.59	0.70
cis-1,2-Dichloroethene	0.63 U	6.4
Tetrachloroethene	8.2	200
Trichloroethene	6.5	15
Vinyl chloride	0.41 U	0.51 U

BCP SITE LIMITS & LIMITS OF INSTITUTIONAL CONTROLS

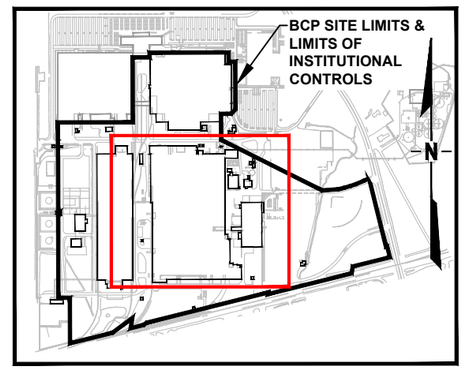
BUILDING 7

LEGEND

- VAPOR INTRUSION SAMPLING POINT
- APPROXIMATE LOCATION OF SOIL BORING
- ERM BORING LOCATION
- APPROXIMATE LOCATION OF MONITORING WELL

NOTES

1. THIS FIGURE IS BASED ON THE DRAWING PROVIDED BY DELPHI THERMAL AND INTERIOR SYSTEMS, DATED SEPTEMBER 2007.
2. THE LOCATIONS OF THE MONITORING WELLS WERE DETERMINED BY GZA GEOENVIRONMENTAL OF NEW YORK. THE LOCATIONS OF MONITORING WELLS SHOULD BE CONSIDERED APPROXIMATE.
3. DATABOXES SHOWN IN UG/M3.
4. ONLY CONTAMINANTS OF CONCERN WITH CRITERIA SHOWN IN BOXES.
5. RESULTS IN RED EXCEED CRITERIA.
6. DATA QUALIFIERS:
   U - RESULT WAS NOT DETECTED ABOVE REPORTING LIMIT.
   J - ESTIMATED RESULT



SITE KEY
NOT TO SCALE

N

0 150 300
SCALE IN FEET

HALEY ALDRICH

GM COMPONENTS HOLDINGS, LLC
LOCKPORT FACILITY
200 UPPER MOUNTAIN ROAD
LOCKPORT, NEW YORK

BUILDING 7 VAPOR INTRUSION RESULTS SUMMARY

SCALE: AS SHOWN
NOVEMBER 2016

FIGURE 8

VARI, KATALIN Printed: 11/14/2016 3:23 PM Layout: VAPOR FIG 8
\\ROC\COMMON\PROJECTS\96795_GM LOCKPORT\CAD\SMP 2016\127784_007_0008_FIG 8_BLDG 7.DWG

8-VI-2	8-VI-2IA 1/18/2011	8-VI-2SS 1/18/2011
1,1,1-Trichloroethane	0.87 U	2.2 U
1,1-Dichloroethene	0.63 U	1.6 U
Carbon tetrachloride	0.54	1.3 U
cis-1,2-Dichloroethene	1.5	190
Tetrachloroethene	5.0	35
Trichloroethene	7.0	190
Vinyl chloride	0.41 U	1.9

8-VI-1	8-VI-1IA 1/18/2011	8-VI-1SS 1/18/2011
1,1,1-Trichloroethane	2.2 U/1.5	0.87 U
1,1-Dichloroethene	1.6 U/0.63 U	0.63 U
Carbon tetrachloride	0.60/1.3 UJ	0.50 U
cis-1,2-Dichloroethene	2.2/2.1	0.63 U
Tetrachloroethene	9.6/8.9	13
Trichloroethene	11/11	5.7
Vinyl chloride	1.0 U/0.41 U	0.41 U

8-VI-4	8-VI-4IA 1/18/2011	8-VI-4SS 1/18/2011
1,1,1-Trichloroethane	0.87 U	2.2 U
1,1-Dichloroethene	0.63 U	1.6 U
Carbon tetrachloride	0.63	1.3 U
cis-1,2-Dichloroethene	3.7	6.7
Tetrachloroethene	8.7	11
Trichloroethene	16	45
Vinyl chloride	0.41 U	1.0 U

8-VI-3	8-VI-3IA 1/18/2011	8-VI-3SS 1/18/2011
1,1,1-Trichloroethane	0.87 U	0.44 U
1,1-Dichloroethene	0.63 U	0.32 U
Carbon tetrachloride	0.63	0.57
cis-1,2-Dichloroethene	2.6	3.3
Tetrachloroethene	7.2	1.2
Trichloroethene	13	19
Vinyl chloride	0.41 U	0.20 U

8-VI-5	8-VI-5IA 1/18/2011	8-VI-5SS 1/18/2011
1,1,1-Trichloroethane	4.4 U	16000 U
1,1-Dichloroethene	3.2 U	12000 U
Carbon tetrachloride	2.5 U	9400 U
cis-1,2-Dichloroethene	3.3	830000
Tetrachloroethene	11	20000 U
Trichloroethene	11	4200000
Vinyl chloride	2.0 U	7700 U

BCP SITE LIMITS & LIMITS OF INSTITUTIONAL CONTROLS

BUILDING 8

8-VI-1 8-VI-2 8-VI-3 8-VI-4 8-VI-5

MW-8-1 MW-8-2 MW-8-3 MW-8-4 MW-8-003-B MW-4 MW-6-F-9 MW-7 MW-3S

8-001-A 8-001-B 8-001-C 8-001-D 8-001-E 8-001-F 8-001-G 8-001-H 8-001-I 8-001-J

8-002-A 8-002-B 8-002-C

8-004-A 8-004-B 8-004-C

8-005-1 8-005-2-A 8-005-2-B 8-005-2-C 8-005-3A 8-005-3B 8-005-3C 8-005-4A 8-005-4B 8-005-4C 8-005-4D 8-005-4E 8-005-5A 8-005-5B 8-005-5C 8-005-5D

8-006-A 8-006-B 8-006-C 8-006-D 8-006-E 8-006-F

8-009-A

8-SB-1 8-SB-2 8-SB-3 8-SB-4 8-SB-5 8-SB-6 8-SB-7 8-SB-8 8-SB-9 8-SB-10 8-SB-11 8-SB-12

GS-C GS-D

7-EE-1 7-M-1 7-M-2 7-SB-1

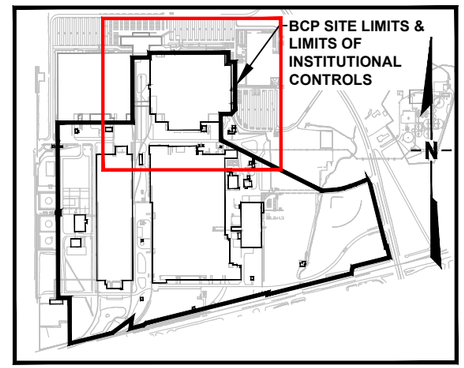
6-F-7

LEGEND

- VAPOR INTRUSION SAMPLING POINT
- TCE AREA MONITORING WELL WITHIN THE ENVIRONMENTAL EASEMENT AREA, PREVIOUSLY LOCATED. (APPROXIMATE LOCATION)
- APPROXIMATE LOCATION OF SOIL BORING
- ERM BORING LOCATION
- APPROXIMATE LOCATION OF MONITORING WELL

NOTES

1. THIS FIGURE IS BASED ON THE DRAWING PROVIDED BY DELPHI THERMAL AND INTERIOR SYSTEMS, DATED SEPTEMBER 2007.
2. THE LOCATIONS OF THE MONITORING WELLS WERE DETERMINED BY GEOENVIRONMENTAL OF NEW YORK. THE LOCATIONS OF MONITORING WELLS SHOULD BE CONSIDERED APPROXIMATE.
3. DATABOXES SHOWN IN UG/M3.
4. ONLY CONTAMINANTS OF CONCERN WITH CRITERIA SHOWN IN BOXES.
5. RESULTS IN RED EXCEED CRITERIA.
6. DATA QUALIFIERS:
   U - RESULT WAS NOT DETECTED ABOVE REPORTING LIMIT.
   J - ESTIMATED RESULT



SITE KEY
NOT TO SCALE

N

0 120 240
SCALE IN FEET

HALEY ALDRICH

GM COMPONENTS HOLDINGS, LLC
LOCKPORT FACILITY
200 UPPER MOUNTAIN ROAD
LOCKPORT, NEW YORK

BUILDING 8
VAPOR INTRUSION RESULTS SUMMARY

SCALE: AS SHOWN
NOVEMBER 2016

FIGURE 9

VARI KATALIN Printed: 11/7/2016 1:24 PM Layout: VAPOR FIG 9
\\ROC\COMMON\PROJECTS\96795 GM LOCKPORT\CADISMP 2016\127784 007 0009 FIG 9 BLDG 8.DWG

10-VI-2	10-VI-2IA 1/18/2011	10-VI-2IA 1/20/2011
1,1,1-Trichloroethane	20 U/20 U	20 U
1,1-Dichloroethene	14 U/14 U	14 U
Carbon tetrachloride	11 U/11 U	11 U
cis-1,2-Dichloroethene	14 U/14 U	14 U
Tetrachloroethene	24 U/24 U	24 U
Trichloroethene	9.7 U/9.7 U	9.7 U
Vinyl chloride	9.2 U/9.2 U	9.2 U

10-VI-1	10-VI-1IA 1/18/2011	10-VI-1IA 1/20/2011
1,1,1-Trichloroethane	38 U	8.2 U
1,1-Dichloroethene	28 U	5.9 U
Carbon tetrachloride	22 U	4.8 U
cis-1,2-Dichloroethene	28 U	5.9 U
Tetrachloroethene	47 U	10 U
Trichloroethene	19 U	4.6
Vinyl chloride	18 U	3.8 U

10-VI-2
10-VI-1
SP-1
SP-2
SP-3
SP-4
SP-5
SP-6
SP-8
SP-9
SP-10
SP-11
SP-12
SP-13
SP-15
SP-16
SP-17
SP-18
SP-19
SP-20
SP-21
7-FF-1
7-FF-2
7-L-1
7-M-5
7-G-7-B
7-G-7A
7-G-11-C
7-G-11-B
7-G-11-A
7-G-3-C
7-G-3-B
7-G-5-C
7-G-8-B
7-G-8-A
7-G-8-C
7-G-5-B
7-G-10-C
7-G-10-B
7-G-10-A
7-G-5-A
7-A-1
7-G-4-A
7-G-4-B
7-G-4-D
7-G-4-E
7-G-4-C
7-G-2-B
7-G-2-C
7-G-4-A
7-G-A-7
7-G-A-8
7-G-A-2
7-G-A-9
7-A-5
7-G-1-A
7-G-1-B
7-G-1-C
7-A-4
7-G-1-D

BUILDING 10

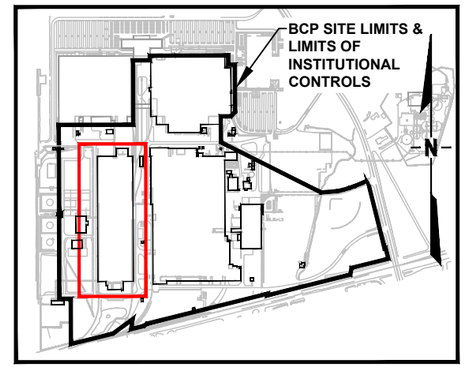
BCP SITE LIMITS & LIMITS OF INSTITUTIONAL CONTROLS

LEGEND

- VAPOR INTRUSION SAMPLING POINT
- ERM BORING LOCATION
- APPROXIMATE LOCATION OF SOIL PROBES (GZA, OCTOBER 2010)

NOTES

1. THIS FIGURE IS BASED ON THE DRAWING PROVIDED BY DELPHI THERMAL AND INTERIOR SYSTEMS, DATED SEPTEMBER 2007.
2. THE LOCATIONS OF THE MONITORING WELLS WERE DETERMINED BY GEOENVIRONMENTAL OF NEW YORK. THE LOCATIONS OF ONITORING WELLS SHOULD BE CONSIDERED APPROXIMATE.
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5. RESULTS IN RED EXCEED CRITERIA.
6. DATA QUALIFIERS:
   U - RESULT WAS NOT DETECTED ABOVE REPORTING LIMIT.
   J - ESTIMATED RESULT



SITE KEY
NOT TO SCALE

N

0 150 300
SCALE IN FEET

HALEY ALDRICH

GM COMPONENTS HOLDINGS, LLC
LOCKPORT FACILITY
200 UPPER MOUNTAIN ROAD
LOCKPORT, NEW YORK

BUILDING 10
VAPOR INTRUSION RESULTS SUMMARY

SCALE: AS SHOWN
NOVEMBER 2016

FIGURE 10

VARI, KATALIN Printed: 11/7/2016 1:50 PM Layout: VAPOR FIG 10
\\ROCCOMMON\PROJECTS\36795_GM LOCKPORT\CAD\SMP 2016\127784_007_0010-FIG 10_BLDG 10.DWG

Figure 11
Groundwater COC Micromolar (uM) Concentration Trend Graph

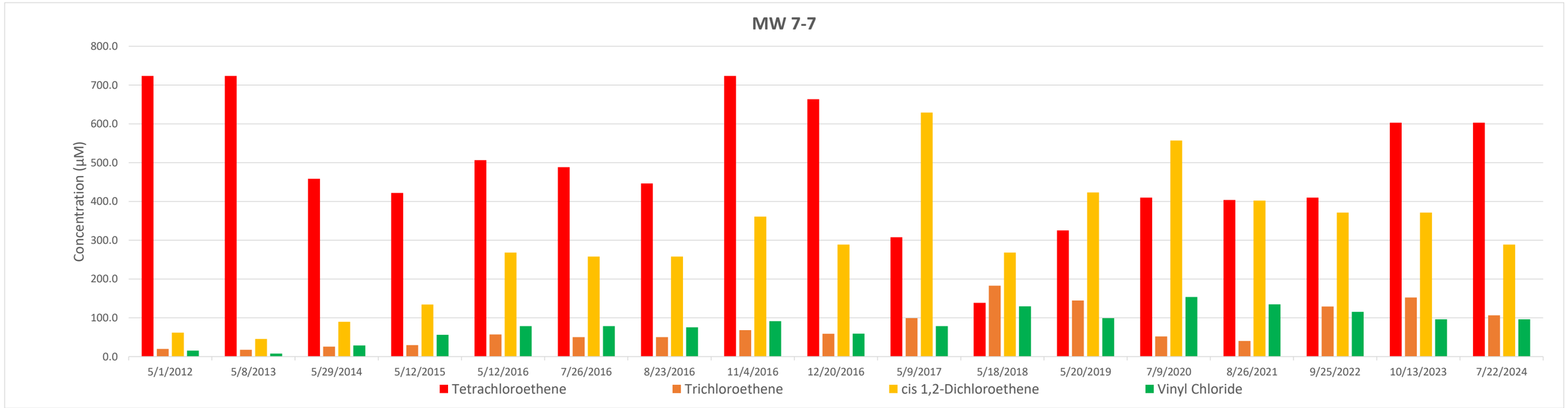


Figure 12
Groundwater COC Micro-Molar (uM) Concentration Trend Graph

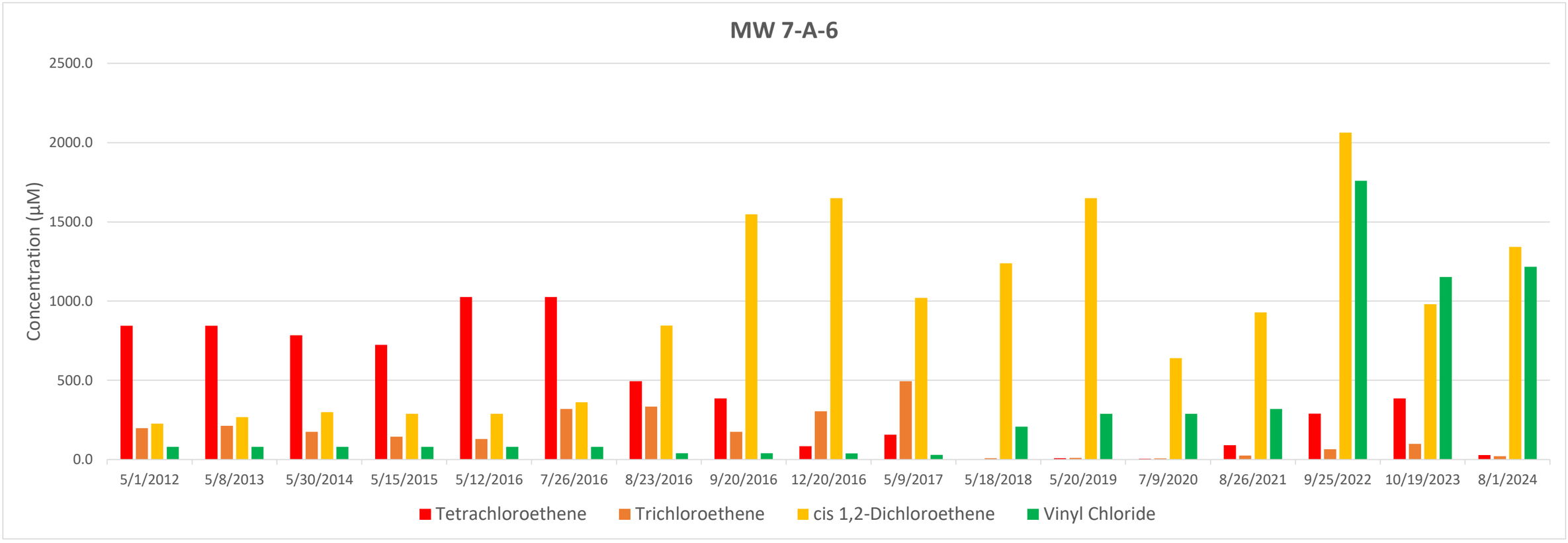


Figure 13
Groundwater COC Micromolar (uM) Concentration Trend Graph

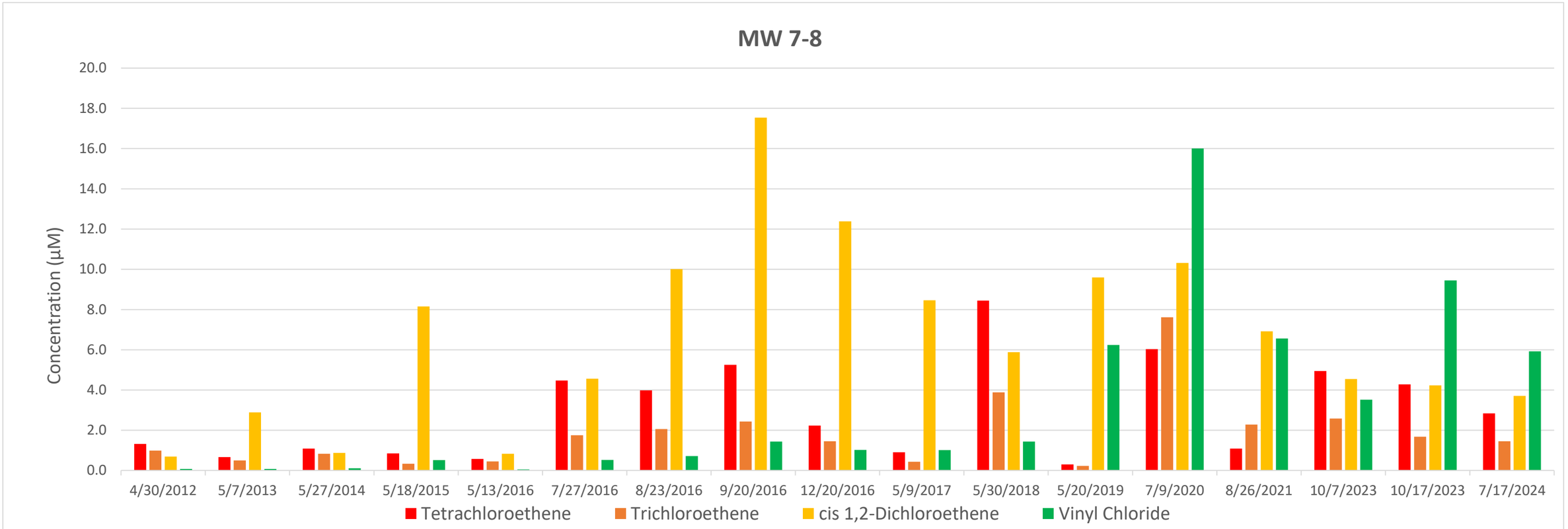
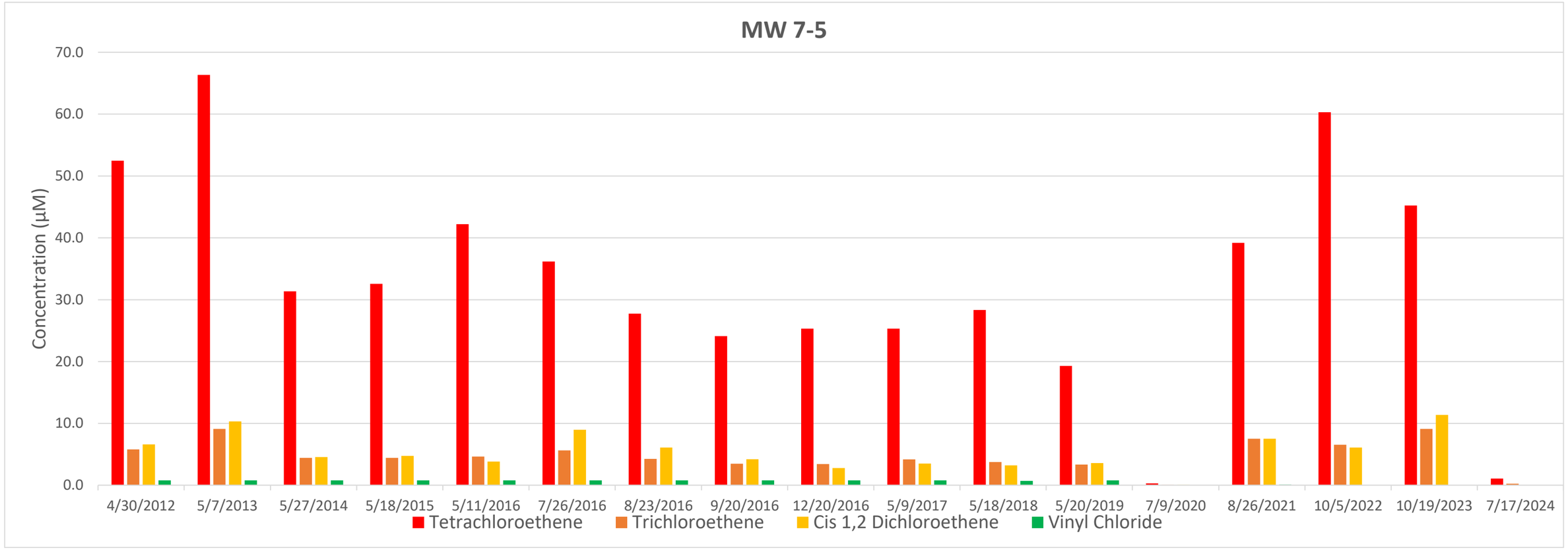


Figure 14
Groundwater COC Micromolar (uM) Concentration Trend Graph



PRR APPENDIX A

Site-wide Inspection Forms & Supporting Documents

HALEY ALDRICH

Table A-1 PRR Appendix A
Cover-Intrusive Activities Summary: 23 April 2024 - 22 April 2025
GMCH Lockport NY Facility - BCP Site No. C932138
Periodic Review Report: 23 April 2024 - 22 April 2025

Plant Excavation Permit No. for Executed Work	Work Date / Range	General Scope	Approximate Work Area	Permit / Scope Reviewed by Plant Environmental Engineering (Yes/No)	Work Location in Potential Area of Remaining Contamination as Defined by SMP (ie Soil or Groundwater) (Yes/No or N/A)	Disturbance to Cover System (Yes/No)	Cover System Type - as defined in SMP	Work Conducted Below Cover System (Yes/No)	Media Type Encountered	Disturbed Area Involved Greater than 10 Cubic Yards of Material (Yes/No)	Change to the Cover System Greater than 500 Square Feet (Yes/No)	Cover System Observed as Restored to Match Existing (Yes/No)	Photos or Sketches included with Event (Yes/No)	Environmentally Impacted Media Encountered (Yes/No)	Waste Material (as defined by SMP) Generated from Work (Yes/No)	Comments or List of other Documents/ Forms / Receipts included with the Work
____	June 24-25, 2024	Water Line Repair (line break)	Between Bldg 7 - 12	Yes	No	Yes	Asphalt	Yes	Fill/Soil	Yes	Yes	Yes	Yes	Yes	Yes	Included in Appendix A (also see note 2 below): - Daily Field Report – 6/24/24, and 6/25/24 - Approximately 1 CY of material loaded into lined soil boxes, remaining material determined to be non-impacted and was returned to excavation to complete the work.
____	March 31, April 1 and April 2, 2025	Fireline Gauge Replacement	Between Bldg 7 and 10	Yes	Yes	Yes	Asphalt	Yes	Fill/Soils	No	No	Yes	Yes	No	No	Included in Appendix A (Also see Note 2 Below) - Daily Field Reports - 3/31/25, 4/1/25 and 4/2/25 - CAMP monitoring data available (all results ND).

Notes:

1. **Information summarized in this Table is based on review of Plant Excavation Permits, Excavation Permit Logs, and scope review with GMCH environmental personnel.**
2. **Daily Field Reports, and field oversight provided by Haley & Aldrich's subconsultant GZA GeoEnvironmental of New York to observe field activities by GMCH and their subcontractors. Applicable laboratory reports and manifests provided by GMCH.**

N/A **Not Applicable**
SMP **Site Management Plan (as approved by NYSDEC - November 2016)**

DATE	June 24, 2024
PROJECT NUMBER	21.0056546.20 Task 9
PROJECT	GMCH Lockport BCP Site – Soil Screening – Water Main Break Repair Between Buildings 7 and 12
GENERAL WEATHER CONDITIONS	Sunny
TEMPERATURE (°F)	Approximately 60-80
WIND SPEED (mph)/DIRECTION	Approximately 10 mph NW

Site Conditions: Good/Dry

Contractors on Site: State Group

GZA Personnel On-Site: Elizabeth Alvut and Thomas Bohlen

GZA's Equipment On-Site: MiniRAE 3000 Photoionization Detector (PID, 10.6 eV bulb)

Name of NYSDEC Representative(s) on-site: NA
Issues Discussed with NYSDEC: NA

Time of arrival: 0745
Time of departure: 1430

SUMMARY OF WORK OBSERVED: (See attached field sketch)

GZA on-site to conduct soil screening associated with a water line repair between Buildings 7 and 12. State Group already on-site, Lindsay Romano (GM) at work area. While GM secured excavation permit, State Group removed crusher run limestone cover to daylight top of concrete utility tunnel. Part of the concrete slab was stone cut/hammered and removed. Excavation activities scheduled to resume tomorrow (6/25/24).

Prepared by: Elizabeth Alvut

Reviewed by: Thomas Bohlen

DATE	June 25, 2024
PROJECT NUMBER	21.0056546.20 Task 9
PROJECT	GMCH Lockport BCP Site – Soil Screening – Water Main Break Repair Between Buildings 7 and 12
GENERAL WEATHER CONDITIONS	Cloudy
TEMPERATURE (°F)	Approximately 70
WIND SPEED (mph)/DIRECTION	Approximately 9 mph SSW

Site Conditions: Good/Dry

Contractors on Site: State Group

GZA Personnel On-Site: Elizabeth Alvut

GZA's Equipment On-Site: MiniRAE 3000 Photoionization Detector (PID, 10.6 eV bulb)

Name of NYSDEC Representative(s) on-site: NA
Issues Discussed with NYSDEC: NA

Time of arrival: 0745
Time of departure: 1445

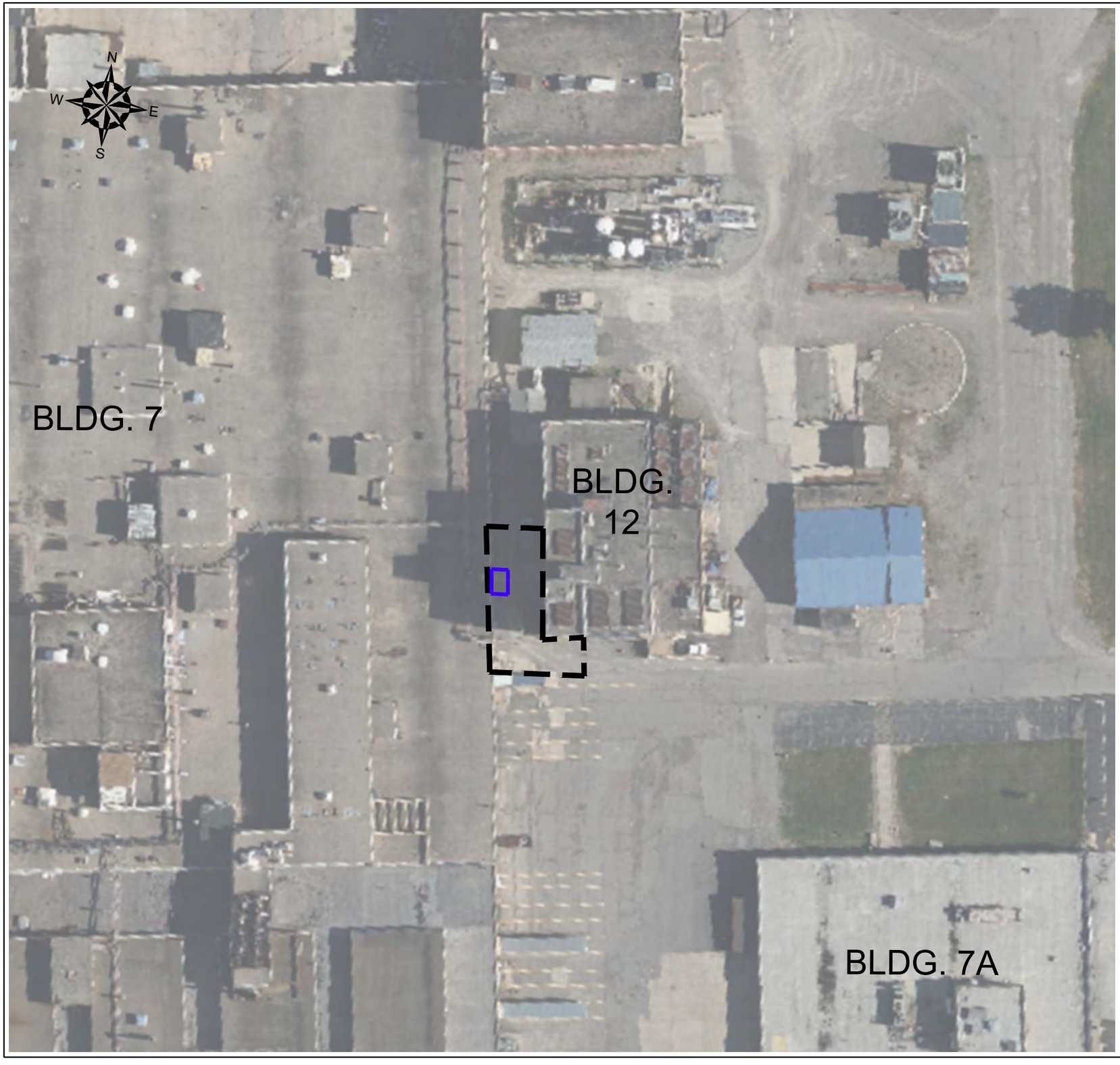
SUMMARY OF WORK OBSERVED: (See attached field sketch)

GZA on-site to conduct soil screening associated with a water line repair between Buildings 7 and 12. State Group and Lindsay Romano (GM) on-site. State Group removed surface concrete and portions of an adjacent former steel rail line. Near surface fill was screened while excavated. Visual and/or olfactory evidence of contamination were not observed. PID screening results were non-detect/not above background concentrations (0.0 parts per million (ppm)).

State Group daylighted the water line and the split section/break was identified. A sheen was observed on groundwater in the excavation. Soils excavated proximate to the water line exhibited black/gray staining and a petroleum odor. PID screening results of the stained soils ranged from non-detect to 0.8 ppm above background. PID screening results in the breathing space were non-detect. Excavated materials which exhibited evidence of contamination were segregated and containerized within lined gondola containers and/or with polyethylene sheeting. The material is to be characterized and disposed by GM. Approximately one cubic yard of contaminated material was containerized. Additional excavation is not anticipated associated with the water line repair.

Prepared by: Elizabeth Alvut

Reviewed by: Thomas Bohlen



LEGEND:

APPROXIMATE AREA OF EXCAVATION FOR WATER MAIN BREAK REPAIR

APPROXIMATE LOCATION OF WORK AREA

NOTES:

1. BASE MAP IMPORTED VIA AUTODESK CIVIL 3D 2022 GEOLOCATION TOOL.

2. THE SIZE AND LOCATION OF EXISTING SITE FEATURES SHOULD BE CONSIDERED APPROXIMATE.

DRAWN BY: **MDK**

DATE: **JUNE 2024**

GZA GeoEnvironmental of New York

0 50 100 200

GM COMPONENTS HOLDINGS, LLC

BCP SITE
200 UPPER MOUNTAIN ROAD
LOCKPORT, NEW YORK
SITE NO. 9-32-113

AREAS OF EXCAVATION

PROJECT No.
21.0056546.20

FIGURE No.
1

© 2024 GZA GeoEnvironmental of New York

GZA-K:\21\PROJECTS\56500s\56546 GM Component LLC\SMP Implementation\CY2024\Water main Break Exc Bid 7&12 June 2024.dwg [FigX - water main break June 2024] June 28, 2024 - 10:45am Michael.Kress

Electronic copy only

August 14th, 2025

Mr. Matthew Slominski
Assistant Engineer
NYSDEC
700 Delaware Avenue
Buffalo, NY 14209

Re: Modern Landfill Inc. In-House Non-Hazardous Waste Approvals
Disposal of Contaminated Soil
GM Components Holdings – 200 Upper Mountain Road, Lockport, NY 14094
Waste Approval No. M25-4015

Dear Mr. Slominski,

This office has received documentation from the generator to accept the referenced waste stream into Modern Landfill. Based on the information provided, this waste is acceptable for disposal in our NYS Part 360 Landfill. This application's approval complies with the conditions specified in NYSDEC's self-approval guidelines letter to Modern Landfill, Inc. dated July 12, 2018. This job will expire August 14, 2028.

If you have any questions, please contact me at 716-344-5076 or sbank@modern-corp.com.

Sincerely,

Sierra Bank
Environmental Compliance Specialist
MODERN LANDFILL, INC.

MODERN
4746 Model City Road, P.O. Box 209, Model City, NY 14107-0209
716-754-8226 1-800-330-7107 Fax: 716-754-8964

47-19-7 (10/86) - Text 12
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID AND HAZARDOUS WASTE • BUREAU OF HAZARDOUS WASTE OPERATIONS
50 WOLF ROAD, ALBANY, NEW YORK 12233-4017

FOR STATE USE ONLY		
SITE NO. 32S30	APPLICATION NO. M25-4015	DATE RECEIVED 8/7/25
DEPARTMENT ACTION [X] Approved [ ] Disapproved		DATE 8/14/25

APPLICATION FOR TREATMENT OR DISPOSAL OF AN INDUSTRIAL WASTE STREAM

SEE APPLICATION INSTRUCTIONS ON REVERSE SIDE

1. NAME OF PROJECT/FACILITY	2. COUNTY	3. SITE NUMBER
MODERN LANDFILL, INC.	NIAGARA	32S30
4. NAME OF OWNER	5. ADDRESS (Street, City, State, Zip Code)	6. TELEPHONE NO.
RICHARD WASHUTA	4746 Model City Road, Model City, NY 14107	(716) 754-8226
6. NAME OF OPERATOR	8. ADDRESS (Street, City, State, Zip Code)	9. TELEPHONE NO.
RICHARD WASHUTA	Pletcher & Harold Road, Model City, NY 14107	(716) 754-8226

10. METHOD OF TREATMENT OR DISPOSAL

SANITARY LANDFILL - D90

11. COMPANY GENERATING WASTE	12. ADDRESS OF FACILITY GENERATING WASTE (Street, City, State, Zip Code)	
GM COMPONENTS HOLDINGS	200 UPPER MOUNTAIN ROAD, LOCKPORT, NY 14094	
13. REPRESENTATIVE OF WASTE GENERATOR	14. MAILING ADDRESS OF REPRESENTATIVE	15. TELEPHONE NO.
NEAL FREIERMUTH	17440 COLLEGE PARKWAY, LIVONIA, MICHIGAN 48152	(716) 534-9311

16. DESCRIPTION OF PROCESS PRODUCING WASTE:

SOIL GENERATED FROM STORM DRAIN REPAIRS.

17. EXPECTED ANNUAL WASTE PRODUCTION	18. WASTE HAULED IN				
100 TONS	[ ] Drums	[ ] Bulk Tank	[✓] Roll-Off Container	[ ] Other	
19. WASTE COMPOSITION 19A. Average Percent Solids 100%	19b. Physical State [ ] Liquid [ ] Slurry [ ] Sludge [✓] Solid [ ] Contained Gas			19c. pH Range to	

19d. COMPONENTS	CONCENTRATION (Dry Weight) Upper	Lower	Typical	UNIT (Check One) Wt. %	ppm
1) SOIL				100%	
2)					
3)					
4)					

20. IS AN ANALYSIS OF WASTE ATTACHED?	21. WAS A TCLP TEST CONDUCTED ON THE WASTE?	22. MATERIAL IS:
[✓] YES [ ] NO	[✓] Yes [ ] No If "yes",	[ ] Hazardous [X] Non-Hazardous

23. DETAIL ALL HAZARD AND NUISANCE PROBLEMS ASSOCIATED WITH THE WASTES. List necessary safety, handling, treatment and disposal precautions.

NONE.

24. WHERE WAS MATERIAL DISPOSED OF PREVIOUSLY?

25. NAME OF WASTE TRANSPORTER	26. ADDRESS (Street, City, State, Zip Code)	27. NYSDEC PERMIT No.	28. TELEPHONE NO.
MODERN DISPOSAL	4746 MODELCITY ROAD, MODELCITY, NY	9A-073	(716)-754-8226

29. CERTIFICATION

I hereby affirm under penalty of perjury that information provided on this form and attached statements and exhibits is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

a. SIGNATURE AND TITLE OF REPRESENTATIVE OF WASTE GENERATOR	DATE
Neal Freiermuth → Sr. Env Engineer	8-7-25
b. SIGNATURE AND TITLE OF REPRESENTATIVE OF TREATMENT OR DISPOSAL FACILITY	DATE
Sierra Bank Environmental Compliance Specialist	08/14/2025

MODERN LANDFILL, INC
PO BOX 209
MODEL CITY, NY 14107

GENERATOR WASTE CHARACTERIZATION REPORT

INSTRUCTIONS: Please complete all sections of this report as a fillable pdf or in blue or black ink. Return the completed report, the analytical data report (if required), and the Application for Disposal of an Industrial Waste Stream (47-19-7 form) to Modern. A separate form is required for each waste stream.

GENERATOR INFORMATION:

Generator Name: GM COMPONENT HOLDINGS

Generating Facility Address: 200 UPPER MOUNTAIN ROAD, LOCKPORT, NY 14094

Technical Contact: NEAL FREIERMUTH Phone: (716) 534-9311 Email: Neal.Freiermuth@gm.com

Alternate Contact: _____ Phone: _____ Email: _____

INVOICING INFORMATION: ☐ Same as generator

Contracting Firm: REPUBLIC SERVICES

Contact: TRACE EDWARDS Phone: (631)-637-9421 Email: tedwards@republicservices.com

Do you have an existing account with Modern Landfill? ☑ Yes ☐ No

Billing Address: 17440 COLLEGE PARKWAY, LIVONIA, MICHIGAN 48152

TRANSPORTER INFORMATION:

Hauler Name: MODERN DISPOSAL NYSDEC Permit No: 9A-073

Contact: _____ Phone: _____ Email: _____

If Modern is not hauling, is Modern Landfill on your Transporter Permit? ☐ Yes ☐ No

WASTE INFORMATION:

Common name of waste: CONTAMINATED SOIL

State waste code(s) if applicable: N/A

Description of process generating this waste: SOIL GENERATED FROM REPAIRS ON STORM DRAIN.

One-time disposal or recurring? ☐ One-time ☑ Recurring

Is this waste hazardous under US EPA 40 CFR 261 & 6 NY-CRR Part 371.1 (d)? ☐ Yes ☑ No

Is this waste radioactive under US EPA 40 CFR 191.12? ☐ Yes ☑ No

WASTE CHARACTERISTICS:

Is the waste less than 20% solids?*	☐ Yes	☑ No	Does the waste contain free liquids?*	☐ Yes	☑ No
Is the flashpoint at least 140°F?	☑ Yes	☐ No	Is the pH between 2 and 12.5?	☑ Yes	☐ No
Is the waste reactive (CN^-/S^{2-}?)	☐ Yes	☑ No	Does the waste contain ≥50 ppm PCBs?	☐ Yes	☑ No

** If the answer to either of these questions is "yes", you must also complete a Waste Solidification Profile.*

Color(s): BROWN _____ Odor: ☑ None ☐ Mild ☐ Strong

GENERATOR CERTIFICATION:

I. I certify that this profile and any attachment(s) accurately represent all components of the waste stream and that the information contained herein is true and complete, to the best of my knowledge:
☑ Yes ☐ No

II. I certify that the waste represented by this profile is not a listed hazardous waste, does not contain a listed hazardous waste, and does not exhibit any characteristics of a hazardous waste as defined by 40 CFR 261:
☑ Yes ☐ No

III. I understand that it is my responsibility as the Generator (or its authorized agent) to make this hazardous waste determination in accordance with 40 CFR 262.11. If at any time upon receipt by Modern the material deviates from the components or characteristics certified herein, Modern reserves the right to reject such waste until the waste stream conforms to this profile, or to require completion of a new waste profile appropriately characterizing the waste:
☑ Yes ☐ No

Printed Name: NEAL FREIERMUTH

Title: ENVIRONMENTAL ENGINEER

Company: GM COMPONENT HOLDINGS

Signature: Neal Freiermuth Digitally signed by Neal Freiermuth Date: 2025.08.11 12:08:56 -04'00'

Date: _____

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Casey Essary
General Motors LLC
200 Upper Mountain Road
Lockport, New York 14094

Generated 7/31/2025 6:56:15 AM

JOB DESCRIPTION

Building 7

JOB NUMBER

240-229141-1

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton OH 44203

See page two for job notes and contact information.

myEOL

Job Notes

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

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

Authorization



Generated
7/31/2025 6:56:15 AM

Authorized for release by
Denise Heckler, Project Manager II
Denise.Heckler@et.eurofinsus.com
(330)966-9477

Table of Contents

Cover Page 1
Table of Contents 3
Definitions/Glossary 4
Case Narrative 5
Method Summary 6
Sample Summary 7
Detection Summary 8
Client Sample Results 9
Surrogate Summary 12
QC Sample Results 14
QC Association Summary 19
Lab Chronicle 21
Certification Summary 22
Chain of Custody 23

Definitions/Glossary

Client: General Motors LLC
Project/Site: Building 7

Job ID: 240-229141-1

Qualifiers

General Chemistry

Qualifier	Qualifier Description
HF	Parameter with a holding time of 15 minutes. Test performed by laboratory at client's request. Sample was analyzed outside of hold time.

Glossary

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

Job ID: 240-229141-1 — Eurofins Cleveland

Job Narrative
240-229141-1

Receipt
The sample was received on 7/21/2025 9:00 AM. Unless otherwise noted below, the sample arrived in good condition. The temperature of the cooler at receipt time was 20.2°C.

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

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

PCBs
Method 8082A: The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: BUILDING 7 ROADWAY STORM REPAIR, 240-229107-C-1-D, 240-229107-C-1-E MS and 240-229107-C-1-F MSD.

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.

Method Summary

Client: General Motors LLC
Project/Site: Building 7

Job ID: 240-229141-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET CLE
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET CLE
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET CLE
6010D	Metals (ICP)	SW846	EET CLE
7470A	Mercury (CVAA)	SW846	EET CLE
9045D	pH	SW846	EET CLE
EPA 1010B	Ignitability, Pensky-Martens Closed-Cup Method	SW846	EET CLE
Moisture	Percent Moisture	EPA	EET CLE
1311	TCLP Extraction	SW846	EET CLE
3010A	Preparation, Total Metals	SW846	EET CLE
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET CLE
3546	Microwave Extraction	SW846	EET CLE
5030C	Purge and Trap	SW846	EET CLE
7470A	Preparation, Mercury	SW846	EET CLE

Protocol References:

EPA = US Environmental Protection Agency

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

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

Sample Summary

Client: General Motors LLC
Project/Site: Building 7

Job ID: 240-229141-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-229141-1	BUILDING 7 ROADWAY STORM REPAIR	Solid	07/18/25 12:05	07/21/25 09:00

Detection Summary

Client: General Motors LLC
Project/Site: Building 7

Job ID: 240-229141-1

Client Sample ID: BUILDING 7 ROADWAY STORM REPAIR — Lab Sample ID: 240-229141-1

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Aroclor-1260	60		53		ug/Kg	1	☼	8082A	Total/NA
pH	9.7	HF	0.1		SU	1		9045D	Total/NA
Flashpoint	>200				Degrees F	1		EPA 1010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client: General Motors LLC
Project/Site: Building 7

Job ID: 240-229141-1

Client Sample ID: BUILDING 7 ROADWAY STORM REPAIR

Lab Sample ID: 240-229141-1

Date Collected: 07/18/25 12:05
Matrix: Solid
Date Received: 07/21/25 09:00

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		0.025		mg/L			07/28/25 15:57	1
1,2-Dichloroethane	ND		0.025		mg/L			07/28/25 15:57	1
2-Butanone (MEK)	ND		0.25		mg/L			07/28/25 15:57	1
Benzene	ND		0.025		mg/L			07/28/25 15:57	1
Carbon tetrachloride	ND		0.025		mg/L			07/28/25 15:57	1
Chlorobenzene	ND		0.025		mg/L			07/28/25 15:57	1
Tetrachloroethene	ND		0.025		mg/L			07/28/25 15:57	1
Trichloroethene	ND		0.025		mg/L			07/28/25 15:57	1
Vinyl chloride	ND		0.025		mg/L			07/28/25 15:57	1
Chloroform	ND		0.025		mg/L			07/28/25 15:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*99*		*80 - 120*		*07/28/25 15:57*	*1*
Dibromofluoromethane (Surr)	*92*		*79 - 121*		*07/28/25 15:57*	*1*
4-Bromofluorobenzene (Surr)	*96*		*74 - 120*		*07/28/25 15:57*	*1*
1,2-Dichloroethane-d4 (Surr)	*96*		*74 - 131*		*07/28/25 15:57*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.0040		mg/L		07/25/25 12:43	07/29/25 13:49	1
2,4,5-Trichlorophenol	ND		0.0040		mg/L		07/25/25 12:43	07/29/25 13:49	1
2,4,6-Trichlorophenol	ND		0.0040		mg/L		07/25/25 12:43	07/29/25 13:49	1
2,4-Dinitrotoluene	ND		0.0040		mg/L		07/25/25 12:43	07/29/25 13:49	1
Hexachlorobenzene	ND		0.00079		mg/L		07/25/25 12:43	07/29/25 13:49	1
Hexachlorobutadiene	ND		0.0040		mg/L		07/25/25 12:43	07/29/25 13:49	1
Hexachloroethane	ND		0.0040		mg/L		07/25/25 12:43	07/29/25 13:49	1
2-Methylphenol	ND		0.0040		mg/L		07/25/25 12:43	07/29/25 13:49	1
3 & 4 Methylphenol	ND		0.0040		mg/L		07/25/25 12:43	07/29/25 13:49	1
Nitrobenzene	ND		0.0040		mg/L		07/25/25 12:43	07/29/25 13:49	1
Pentachlorophenol	ND		0.016		mg/L		07/25/25 12:43	07/29/25 13:49	1
Pyridine	ND		0.0040		mg/L		07/25/25 12:43	07/29/25 13:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*73*		*43 - 136*	*07/25/25 12:43*	*07/29/25 13:49*	*1*
Phenol-d5 (Surr)	*57*		*10 - 120*	*07/25/25 12:43*	*07/29/25 13:49*	*1*
Nitrobenzene-d5 (Surr)	*67*		*40 - 120*	*07/25/25 12:43*	*07/29/25 13:49*	*1*
2-Fluorophenol (Surr)	*64*		*10 - 127*	*07/25/25 12:43*	*07/29/25 13:49*	*1*
2-Fluorobiphenyl (Surr)	*78*		*41 - 120*	*07/25/25 12:43*	*07/29/25 13:49*	*1*
2,4,6-Tribromophenol (Surr)	*90*		*23 - 127*	*07/25/25 12:43*	*07/29/25 13:49*	*1*

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Barium	ND		0.50		mg/L		07/24/25 14:00	07/25/25 19:28	1
Cadmium	ND		0.050		mg/L		07/24/25 14:00	07/25/25 19:28	1
Chromium	ND		0.050		mg/L		07/24/25 14:00	07/25/25 19:28	1
Silver	ND		0.050		mg/L		07/24/25 14:00	07/25/25 19:28	1
Arsenic	ND		0.050		mg/L		07/24/25 14:00	07/25/25 19:28	1
Lead	ND		0.050		mg/L		07/24/25 14:00	07/25/25 19:28	1
Selenium	ND		0.050		mg/L		07/24/25 14:00	07/25/25 19:28	1

Client: General Motors LLC
Project/Site: Building 7

Job ID: 240-229141-1

Client Sample ID: BUILDING 7 ROADWAY STORM REPAIR
Lab Sample ID: 240-229141-1
Date Collected: 07/18/25 12:05
Matrix: Solid
Date Received: 07/21/25 09:00

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0020		mg/L		07/24/25 14:00	07/25/25 10:46	1

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	9.7	HF	0.1		SU			07/22/25 15:10	1
Flashpoint (SW846 EPA 1010B)	>200				Degrees F			07/30/25 10:18	1
Percent Solids (EPA Moisture)	91.1		0.1		%			07/22/25 13:24	1
Percent Moisture (EPA Moisture)	8.9		0.1		%			07/22/25 13:24	1

Client: General Motors LLC
Project/Site: Building 7

Job ID: 240-229141-1

Client Sample ID: BUILDING 7 ROADWAY STORM REPAIR
Date Collected: 07/18/25 12:05
Date Received: 07/21/25 09:00

Lab Sample ID: 240-229141-1
Matrix: Solid
Percent Solids: 91.1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		53		ug/Kg	☼	07/23/25 09:13	07/23/25 19:42	1
Aroclor-1221	ND		53		ug/Kg	☼	07/23/25 09:13	07/23/25 19:42	1
Aroclor-1232	ND		53		ug/Kg	☼	07/23/25 09:13	07/23/25 19:42	1
Aroclor-1242	ND		53		ug/Kg	☼	07/23/25 09:13	07/23/25 19:42	1
Aroclor-1248	ND		53		ug/Kg	☼	07/23/25 09:13	07/23/25 19:42	1
Aroclor-1254	ND		53		ug/Kg	☼	07/23/25 09:13	07/23/25 19:42	1
Aroclor-1260	**60**		53		ug/Kg	☼	07/23/25 09:13	07/23/25 19:42	1
Aroclor-1262	ND		53		ug/Kg	☼	07/23/25 09:13	07/23/25 19:42	1
Aroclor-1268	ND		53		ug/Kg	☼	07/23/25 09:13	07/23/25 19:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*62*		*10 - 149*	*07/23/25 09:13*	*07/23/25 19:42*	*1*
DCB Decachlorobiphenyl	*65*		*10 - 174*	*07/23/25 09:13*	*07/23/25 19:42*	*1*

Surrogate Summary

Client: General Motors LLC
Project/Site: Building 7

Job ID: 240-229141-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
		TOL	DBFM	BFB	DCA
Lab Sample ID	Client Sample ID	(80-120)	(79-121)	(74-120)	(74-131)
LCS 240-665407/15	Lab Control Sample	95	97	96	98

Surrogate Legend

TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)

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

Matrix: Solid **Prep Type: TCLP**

		Percent Surrogate Recovery (Acceptance Limits)			
		TOL	DBFM	BFB	DCA
Lab Sample ID	Client Sample ID	(80-120)	(79-121)	(74-120)	(74-131)
240-229141-1	BUILDING 7 ROADWAY STORM	99	92	96	96
LB 240-665213/1-A MB	Method Blank	98	94	95	95

Surrogate Legend

TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)

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

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

		Percent Surrogate Recovery (Acceptance Limits)					
		TPHL	PHL	NBZ	2FP	FBP	TBP
Lab Sample ID	Client Sample ID	(43-136)	(10-120)	(40-120)	(10-127)	(41-120)	(23-127)
LCS 240-665330/2-A	Lab Control Sample	70	62	70	68	72	84
MB 240-665330/1-A	Method Blank	80	59	69	67	81	85

Surrogate Legend

TPHL = Terphenyl-d14 (Surr)
PHL = Phenol-d5 (Surr)
NBZ = Nitrobenzene-d5 (Surr)
2FP = 2-Fluorophenol (Surr)
FBP = 2-Fluorobiphenyl (Surr)
TBP = 2,4,6-Tribromophenol (Surr)

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

Matrix: Solid **Prep Type: TCLP**

		Percent Surrogate Recovery (Acceptance Limits)					
		TPHL	PHL	NBZ	2FP	FBP	TBP
Lab Sample ID	Client Sample ID	(43-136)	(10-120)	(40-120)	(10-127)	(41-120)	(23-127)
240-229141-1	BUILDING 7 ROADWAY STORM	73	57	67	64	78	90

Surrogate Legend

TPHL = Terphenyl-d14 (Surr)
PHL = Phenol-d5 (Surr)
NBZ = Nitrobenzene-d5 (Surr)
2FP = 2-Fluorophenol (Surr)

Surrogate Summary

Client: General Motors LLC
Project/Site: Building 7

Job ID: 240-229141-1

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

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

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

		Percent Surrogate Recovery (Acceptance Limits)	
		TCX1	DCBP1
Lab Sample ID	Client Sample ID	(10-149)	(10-174)
240-229141-1	BUILDING 7 ROADWAY STORM	62	65
LCS 240-664915/2-A	Lab Control Sample	85	96
MB 240-664915/1-A	Method Blank	72	76

Surrogate Legend

TCX = Tetrachloro-m-xylene
DCBP = DCB Decachlorobiphenyl

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

Lab Sample ID: LCS 240-665407/15
Matrix: Solid
Analysis Batch: 665407

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			1.25	1.11		mg/L		89	62 - 134		
1,2-Dichloroethane			1.25	1.15		mg/L		92	64 - 125		
2-Butanone (MEK)			2.50	2.16		mg/L		86	58 - 137		
Benzene			1.25	1.16		mg/L		93	72 - 123		
Carbon tetrachloride			1.25	1.00		mg/L		80	60 - 131		
Chlorobenzene			1.25	1.16		mg/L		92	76 - 120		
Tetrachloroethene			1.25	1.17		mg/L		94	73 - 124		
Trichloroethene			1.25	1.18		mg/L		95	67 - 121		
Vinyl chloride			1.25	1.16		mg/L		93	46 - 140		
Chloroform			1.25	1.15		mg/L		92	72 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*95*		*80 - 120*
Dibromofluoromethane (Surr)	*97*		*79 - 121*
4-Bromofluorobenzene (Surr)	*96*		*74 - 120*
1,2-Dichloroethane-d4 (Surr)	*98*		*74 - 131*

Lab Sample ID: LB 240-665213/1-A MB
Matrix: Solid
Analysis Batch: 665407

Client Sample ID: Method Blank
Prep Type: TCLP

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		0.025		mg/L			07/28/25 12:23	1
1,2-Dichloroethane	ND		0.025		mg/L			07/28/25 12:23	1
2-Butanone (MEK)	ND		0.25		mg/L			07/28/25 12:23	1
Benzene	ND		0.025		mg/L			07/28/25 12:23	1
Carbon tetrachloride	ND		0.025		mg/L			07/28/25 12:23	1
Chlorobenzene	ND		0.025		mg/L			07/28/25 12:23	1
Tetrachloroethene	ND		0.025		mg/L			07/28/25 12:23	1
Trichloroethene	ND		0.025		mg/L			07/28/25 12:23	1
Vinyl chloride	ND		0.025		mg/L			07/28/25 12:23	1
Chloroform	ND		0.025		mg/L			07/28/25 12:23	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*98*		*80 - 120*		*07/28/25 12:23*	*1*
Dibromofluoromethane (Surr)	*94*		*79 - 121*		*07/28/25 12:23*	*1*
4-Bromofluorobenzene (Surr)	*95*		*74 - 120*		*07/28/25 12:23*	*1*
1,2-Dichloroethane-d4 (Surr)	*95*		*74 - 131*		*07/28/25 12:23*	*1*

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

Lab Sample ID: MB 240-665330/1-A
Matrix: Solid
Analysis Batch: 665416

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 665330

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.0040		mg/L		07/25/25 12:43	07/28/25 15:21	1
2,4,5-Trichlorophenol	ND		0.0040		mg/L		07/25/25 12:43	07/28/25 15:21	1

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

Lab Sample ID: MB 240-665330/1-A
Matrix: Solid
Analysis Batch: 665416

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 665330

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
2,4,6-Trichlorophenol	ND		0.0040		mg/L		07/25/25 12:43	07/28/25 15:21	1
2,4-Dinitrotoluene	ND		0.0040		mg/L		07/25/25 12:43	07/28/25 15:21	1
Hexachlorobenzene	ND		0.00080		mg/L		07/25/25 12:43	07/28/25 15:21	1
Hexachlorobutadiene	ND		0.0040		mg/L		07/25/25 12:43	07/28/25 15:21	1
Hexachloroethane	ND		0.0040		mg/L		07/25/25 12:43	07/28/25 15:21	1
2-Methylphenol	ND		0.0040		mg/L		07/25/25 12:43	07/28/25 15:21	1
3 & 4 Methylphenol	ND		0.0040		mg/L		07/25/25 12:43	07/28/25 15:21	1
Nitrobenzene	ND		0.0040		mg/L		07/25/25 12:43	07/28/25 15:21	1
Pentachlorophenol	ND		0.016		mg/L		07/25/25 12:43	07/28/25 15:21	1
Pyridine	ND		0.0040		mg/L		07/25/25 12:43	07/28/25 15:21	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*80*		*43 - 136*	*07/25/25 12:43*	*07/28/25 15:21*	*1*
Phenol-d5 (Surr)	*59*		*10 - 120*	*07/25/25 12:43*	*07/28/25 15:21*	*1*
Nitrobenzene-d5 (Surr)	*69*		*40 - 120*	*07/25/25 12:43*	*07/28/25 15:21*	*1*
2-Fluorophenol (Surr)	*67*		*10 - 127*	*07/25/25 12:43*	*07/28/25 15:21*	*1*
2-Fluorobiphenyl (Surr)	*81*		*41 - 120*	*07/25/25 12:43*	*07/28/25 15:21*	*1*
2,4,6-Tribromophenol (Surr)	*85*		*23 - 127*	*07/25/25 12:43*	*07/28/25 15:21*	*1*

Lab Sample ID: LCS 240-665330/2-A
Matrix: Solid
Analysis Batch: 665416

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 665330

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,4-Dichlorobenzene			0.0800	0.0615		mg/L		77	42 - 120		
2,4,5-Trichlorophenol			0.0800	0.0705		mg/L		88	51 - 129		
2,4,6-Trichlorophenol			0.0800	0.0642		mg/L		80	51 - 128		
2,4-Dinitrotoluene			0.0800	0.0682		mg/L		85	55 - 131		
Hexachlorobenzene			0.0800	0.0666		mg/L		83	49 - 127		
Hexachlorobutadiene			0.0800	0.0584		mg/L		73	36 - 120		
Hexachloroethane			0.0800	0.0619		mg/L		77	39 - 120		
2-Methylphenol			0.0800	0.0716		mg/L		90	47 - 120		
3 & 4 Methylphenol			0.0800	0.0708		mg/L		89	41 - 120		
Nitrobenzene			0.0800	0.0573		mg/L		72	50 - 123		
Pentachlorophenol			0.160	0.129		mg/L		81	24 - 124		
Pyridine			0.160	0.0947		mg/L		59	10 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Terphenyl-d14 (Surr)	*70*		*43 - 136*
Phenol-d5 (Surr)	*62*		*10 - 120*
Nitrobenzene-d5 (Surr)	*70*		*40 - 120*
2-Fluorophenol (Surr)	*68*		*10 - 127*
2-Fluorobiphenyl (Surr)	*72*		*41 - 120*
2,4,6-Tribromophenol (Surr)	*84*		*23 - 127*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 240-664915/1-A
Matrix: Solid
Analysis Batch: 665012

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 664915

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		50		ug/Kg		07/23/25 09:13	07/23/25 20:47	1
Aroclor-1221	ND		50		ug/Kg		07/23/25 09:13	07/23/25 20:47	1
Aroclor-1232	ND		50		ug/Kg		07/23/25 09:13	07/23/25 20:47	1
Aroclor-1242	ND		50		ug/Kg		07/23/25 09:13	07/23/25 20:47	1
Aroclor-1248	ND		50		ug/Kg		07/23/25 09:13	07/23/25 20:47	1
Aroclor-1254	ND		50		ug/Kg		07/23/25 09:13	07/23/25 20:47	1
Aroclor-1260	ND		50		ug/Kg		07/23/25 09:13	07/23/25 20:47	1
Aroclor-1262	ND		50		ug/Kg		07/23/25 09:13	07/23/25 20:47	1
Aroclor-1268	ND		50		ug/Kg		07/23/25 09:13	07/23/25 20:47	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*72*		*10 - 149*	*07/23/25 09:13*	*07/23/25 20:47*	*1*
DCB Decachlorobiphenyl	*76*		*10 - 174*	*07/23/25 09:13*	*07/23/25 20:47*	*1*

Lab Sample ID: LCS 240-664915/2-A
Matrix: Solid
Analysis Batch: 665012

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 664915

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Aroclor-1016			1000	732		ug/Kg		73	28 - 140		
Aroclor-1260			1000	787		ug/Kg		79	39 - 153		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*85*		*10 - 149*
DCB Decachlorobiphenyl	*96*		*10 - 174*

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 240-665121/2-A
Matrix: Solid
Analysis Batch: 665322

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 665121

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Barium	ND		0.50		mg/L		07/24/25 14:00	07/25/25 18:48	1
Cadmium	ND		0.050		mg/L		07/24/25 14:00	07/25/25 18:48	1
Chromium	ND		0.050		mg/L		07/24/25 14:00	07/25/25 18:48	1
Silver	ND		0.050		mg/L		07/24/25 14:00	07/25/25 18:48	1
Arsenic	ND		0.050		mg/L		07/24/25 14:00	07/25/25 18:48	1
Lead	ND		0.050		mg/L		07/24/25 14:00	07/25/25 18:48	1
Selenium	ND		0.050		mg/L		07/24/25 14:00	07/25/25 18:48	1

Lab Sample ID: LCS 240-665121/3-A
Matrix: Solid
Analysis Batch: 665322

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 665121

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Barium			2.00	2.09		mg/L		105	50 - 150		
Cadmium			1.00	1.08		mg/L		108	50 - 150		

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCS 240-665121/3-A
Matrix: Solid
Analysis Batch: 665322

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 665121

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chromium	1.00	1.05		mg/L		105	50 - 150
Silver	0.100	0.111		mg/L		111	50 - 150
Arsenic	2.00	2.32		mg/L		116	50 - 150
Lead	1.00	0.979		mg/L		98	50 - 150
Selenium	2.00	2.34		mg/L		117	50 - 150

Lab Sample ID: LB 240-665026/1-B
Matrix: Solid
Analysis Batch: 665322

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 665121

Analyte	LB Result	LB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	ND		0.50	mg/L		07/24/25 14:00	07/25/25 18:34	1
Cadmium	ND		0.050	mg/L		07/24/25 14:00	07/25/25 18:34	1
Chromium	ND		0.050	mg/L		07/24/25 14:00	07/25/25 18:34	1
Silver	ND		0.050	mg/L		07/24/25 14:00	07/25/25 18:34	1
Arsenic	ND		0.050	mg/L		07/24/25 14:00	07/25/25 18:34	1
Lead	ND		0.050	mg/L		07/24/25 14:00	07/25/25 18:34	1
Selenium	ND		0.050	mg/L		07/24/25 14:00	07/25/25 18:34	1

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 240-665126/2-A
Matrix: Solid
Analysis Batch: 665337

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 665126

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0020	mg/L		07/24/25 14:00	07/25/25 10:31	1

Lab Sample ID: LCS 240-665126/3-A
Matrix: Solid
Analysis Batch: 665337

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 665126

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00500	0.00507		mg/L		101	80 - 120

Lab Sample ID: LB 240-665026/1-C
Matrix: Solid
Analysis Batch: 665337

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 665126

Analyte	LB Result	LB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0020	mg/L		07/24/25 14:00	07/25/25 10:29	1

Method: EPA 1010B - Ignitability, Pensky-Martens Closed-Cup Method

Lab Sample ID: LCS 240-665728/1
Matrix: Solid
Analysis Batch: 665728

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Flashpoint	81.0	80.2		Degrees F		99	97 - 103

Method: EPA 1010B - Ignitability, Pensky-Martens Closed-Cup Method (Continued)

Lab Sample ID: 240-229141-1 DU
Matrix: Solid
Analysis Batch: 665728

Client Sample ID: BUILDING 7 ROADWAY STORM REPAIR
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Flashpoint	>200			>200		Degrees F				NC	20

QC Association Summary

Client: General Motors LLC
Project/Site: Building 7

Job ID: 240-229141-1

GC/MS VOA

Leach Batch: 665213

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-229141-1	BUILDING 7 ROADWAY STORM REPAIR	TCLP	Solid	1311	
LB 240-665213/1-A MB	Method Blank	TCLP	Solid	1311	

Analysis Batch: 665407

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-229141-1	BUILDING 7 ROADWAY STORM REPAIR	TCLP	Solid	8260D	665213
LB 240-665213/1-A MB	Method Blank	TCLP	Solid	8260D	665213
LCS 240-665407/15	Lab Control Sample	Total/NA	Solid	8260D	

GC/MS Semi VOA

Leach Batch: 665026

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-229141-1	BUILDING 7 ROADWAY STORM REPAIR	TCLP	Solid	1311	

Prep Batch: 665330

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-229141-1	BUILDING 7 ROADWAY STORM REPAIR	TCLP	Solid	3510C	665026
MB 240-665330/1-A	Method Blank	Total/NA	Solid	3510C	
LCS 240-665330/2-A	Lab Control Sample	Total/NA	Solid	3510C	

Analysis Batch: 665416

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 240-665330/1-A	Method Blank	Total/NA	Solid	8270E	665330
LCS 240-665330/2-A	Lab Control Sample	Total/NA	Solid	8270E	665330

Analysis Batch: 665603

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-229141-1	BUILDING 7 ROADWAY STORM REPAIR	TCLP	Solid	8270E	665330

GC Semi VOA

Prep Batch: 664915

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-229141-1	BUILDING 7 ROADWAY STORM REPAIR	Total/NA	Solid	3546	
MB 240-664915/1-A	Method Blank	Total/NA	Solid	3546	
LCS 240-664915/2-A	Lab Control Sample	Total/NA	Solid	3546	

Analysis Batch: 665012

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-229141-1	BUILDING 7 ROADWAY STORM REPAIR	Total/NA	Solid	8082A	664915
MB 240-664915/1-A	Method Blank	Total/NA	Solid	8082A	664915
LCS 240-664915/2-A	Lab Control Sample	Total/NA	Solid	8082A	664915

Metals

Leach Batch: 665026

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-229141-1	BUILDING 7 ROADWAY STORM REPAIR	TCLP	Solid	1311	
LB 240-665026/1-B	Method Blank	TCLP	Solid	1311	
LB 240-665026/1-C	Method Blank	TCLP	Solid	1311	

Metals

Prep Batch: 665121

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-229141-1	BUILDING 7 ROADWAY STORM REPAIR	TCLP	Solid	3010A	665026
LB 240-665026/1-B	Method Blank	TCLP	Solid	3010A	665026
MB 240-665121/2-A	Method Blank	Total/NA	Solid	3010A	
LCS 240-665121/3-A	Lab Control Sample	Total/NA	Solid	3010A	

Prep Batch: 665126

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-229141-1	BUILDING 7 ROADWAY STORM REPAIR	TCLP	Solid	7470A	665026
LB 240-665026/1-C	Method Blank	TCLP	Solid	7470A	665026
MB 240-665126/2-A	Method Blank	Total/NA	Solid	7470A	
LCS 240-665126/3-A	Lab Control Sample	Total/NA	Solid	7470A	

Analysis Batch: 665322

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-229141-1	BUILDING 7 ROADWAY STORM REPAIR	TCLP	Solid	6010D	665121
LB 240-665026/1-B	Method Blank	TCLP	Solid	6010D	665121
MB 240-665121/2-A	Method Blank	Total/NA	Solid	6010D	665121
LCS 240-665121/3-A	Lab Control Sample	Total/NA	Solid	6010D	665121

Analysis Batch: 665337

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-229141-1	BUILDING 7 ROADWAY STORM REPAIR	TCLP	Solid	7470A	665126
LB 240-665026/1-C	Method Blank	TCLP	Solid	7470A	665126
MB 240-665126/2-A	Method Blank	Total/NA	Solid	7470A	665126
LCS 240-665126/3-A	Lab Control Sample	Total/NA	Solid	7470A	665126

General Chemistry

Analysis Batch: 664793

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-229141-1	BUILDING 7 ROADWAY STORM REPAIR	Total/NA	Solid	9045D	
LCS 240-664793/39	Lab Control Sample	Total/NA	Solid	9045D	

Analysis Batch: 664832

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-229141-1	BUILDING 7 ROADWAY STORM REPAIR	Total/NA	Solid	Moisture	

Analysis Batch: 665728

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-229141-1	BUILDING 7 ROADWAY STORM REPAIR	Total/NA	Solid	EPA 1010B	
LCS 240-665728/1	Lab Control Sample	Total/NA	Solid	EPA 1010B	
240-229141-1 DU	BUILDING 7 ROADWAY STORM REPAIR	Total/NA	Solid	EPA 1010B	

Lab Chronicle

Client: General Motors LLC
Project/Site: Building 7

Job ID: 240-229141-1

Client Sample ID: BUILDING 7 ROADWAY STORM REPAIR
Lab Sample ID: 240-229141-1
Date Collected: 07/18/25 12:05
Matrix: Solid
Date Received: 07/21/25 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			665213	KLE	EET CLE	07/24/25 17:40 - 07/25/25 09:50 [1]
TCLP	Analysis	8260D		1	665407	HMB	EET CLE	07/28/25 15:57
TCLP	Leach	1311			665026	DRJ	EET CLE	07/23/25 16:25 - 07/24/25 08:45 [1]
TCLP	Prep	3510C			665330	L6TL	EET CLE	07/25/25 12:43
TCLP	Analysis	8270E		1	665603	JMG	EET CLE	07/29/25 13:49
TCLP	Leach	1311			665026	DRJ	EET CLE	07/23/25 16:25 - 07/24/25 08:45 [1]
TCLP	Prep	3010A			665121	GEV	EET CLE	07/24/25 14:00
TCLP	Analysis	6010D		1	665322	AJC	EET CLE	07/25/25 19:28
TCLP	Leach	1311			665026	DRJ	EET CLE	07/23/25 16:25 - 07/24/25 08:45 [1]
TCLP	Prep	7470A			665126	GEV	EET CLE	07/24/25 14:00
TCLP	Analysis	7470A		1	665337	BN	EET CLE	07/25/25 10:46
Total/NA	Analysis	9045D		1	664793	TAV2	EET CLE	07/22/25 15:10
Total/NA	Analysis	EPA 1010B		1	665728	AJ	EET CLE	07/30/25 10:18
Total/NA	Analysis	Moisture		1	664832	BLW	EET CLE	07/22/25 13:24

Client Sample ID: BUILDING 7 ROADWAY STORM REPAIR
Lab Sample ID: 240-229141-1
Date Collected: 07/18/25 12:05
Matrix: Solid
Date Received: 07/21/25 09:00
Percent Solids: 91.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			664915	BV1	EET CLE	07/23/25 09:13
Total/NA	Analysis	8082A		1	665012	LSH	EET CLE	07/23/25 19:42

[1] This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

Laboratory References:
EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

Accreditation/Certification Summary

Client: General Motors LLC
Project/Site: Building 7

Job ID: 240-229141-1

Laboratory: Eurofins Cleveland

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Connecticut	State	PH-0806	12-31-26
Georgia	State	4062	02-27-26
Illinois	NELAP	200004	08-31-26
Iowa	State	421	06-01-27
Kansas	NELAP	E-10336	01-31-26
Kentucky (UST)	State	112225	02-28-26
Kentucky (WW)	State	KY98016	12-31-25
Minnesota	NELAP	039-999-348	12-31-25
New Hampshire	NELAP	225024	09-30-25
New Jersey	NELAP	OH001	06-30-26
New York	NELAP	10975	04-01-26
North Dakota	State	R-244	02-27-26
Ohio	State	8303	11-04-25
Ohio VAP	State	ORELAP 4062	02-28-26
Oregon	NELAP	4062	02-27-26
Pennsylvania	NELAP	68-00340	08-31-25
Texas	NELAP	T104704517-22-19	08-31-25
US Fish & Wildlife	US Federal Programs	A26406	02-28-26
USDA	US Federal Programs	P330-18-00281	01-05-27
Virginia	NELAP	460175	09-15-25
West Virginia DEP	State	210	12-31-25
Wisconsin	State	399167560	08-31-25

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone: 330-497-9396 Fax: 330-497-0772

19.7/20.2

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Kyle Nichols	Lab PM: Heckler, Denise D	Carrier Tracking No(s):	COC No: 240-134945-46392.1
Client Contact: Casey Essary	Phone: 716-260-3815	E-Mail: Denise.Heckler@et.eurofinsus.com	State of Origin:	Page: Page 1 of 1
Company: General Motors LLC	PWSID:			Job #: 229141
Address: 200 Upper Mountain Road	Due Date Requested:			Preservation Codes: N - None
City: Lockport	TAT Requested (days):			
State, Zip: NY, 14094	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 150601GMLabWater			
Email: casey.essary@gm.com	WO #:			
Project Name: Waste Characterization	Project #: 24021527			Other:
Site:	SSOW#:			

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	6010D - TCLP Metals/VOC/SVOC, PCBs, pH, Flash	Total Number of containers	Special Instructions/Note:
			Preservation Code:			N		
Building 7 Roadway Storm Repair	7-18-25	1205	C	Solid		X		

240-229141 COC

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

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

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by: Kyle Nichols	Date/Time: 7-18-25/1250	Company: Pace	Received by: M. Kocan	Date/Time: 7/21/25 9:00	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

Eurofins – Cleveland Sample Receipt Form/Narrative **Login #** _____
Barberton Facility

Client Comm LLC Site Name 7/21/25
Cooler Received on 7/21/25 Opened on 7/21/25 Cooler unpacked by
FedEx 1st Grd Exp UPS FAS Waypoint Client Drop Off Eurofins Courier Other
Receipt After-hours: Drop-off Date/Time Storage Location
Eurofins Cooler # 2e Foam Box Client Cooler Box Other
Packing material used: Bubble Wrap Foam Plastic Bag None Other
COOLANT Wet Ice Blue Ice Dry Ice Water None

1 Cooler temperature upon receipt ☐ See Multiple Cooler Form
IR GUN # 13 (CF +0.5 °C) Observed Cooler Temp 19.7 °C Corrected Cooler Temp 20.2 °C

2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity	Yes	No
-Were the seals on the outside of the cooler(s) signed & dated?	Yes	No NA
-Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)?	Yes	No
Were tamper/custody seals intact and uncompromised?	Yes	No NA
3 Shippers' packing slip attached to the cooler(s)?	Yes	No
4 Did custody papers accompany the sample(s)?	Yes	No
5 Were the custody papers relinquished & signed in the appropriate place?	Yes	No
6 Was/were the person(s) who collected the samples clearly identified on the COC?	Yes	No
7 Did all bottles arrive in good condition (Unbroken)?	Yes	No
8 Could all bottle labels (ID/Date/Time) be reconciled with the COC?	Yes	No
9 For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp (Y/N)?		
10 Were correct bottle(s) used for the test(s) indicated?	Yes	No
11 Sufficient quantity received to perform indicated analyses?	Yes	No
12. Are these work share samples and all listed on the COC?	Yes	No
If yes, Questions 13-17 have been checked at the originating laboratory		
13 Were all preserved sample(s) at the correct pH upon receipt?	Yes	No NA pH Strip Lot# HC463162
14 Were VOAs on the COC?	Yes	No
15 Were air bubbles >6 mm in any VOA vials? ● ← Larger than this.	Yes	No NA
16 Was a VOA trip blank present in the cooler(s)? Trip Blank Lot #_____	Yes	No
17 Was a LL Hg or Me Hg trip blank present? _____	Yes	No

Tests that are not checked for pH by Receiving.
VOAs
Oil and Grease
TOC

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page

Labeled by:
Labels Verified by:

_____
_____
_____
_____

19 SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired
Sample(s) _____ were received in a broken container
Sample(s) _____ were received with bubble >6 mm in diameter (Notify PM)

20 SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory
Time preserved _____ Preservative(s) added/Lot number(s) _____

VOA Sample Preservation - Date/Time VOAs Frozen _____

7/21/2025

Login Container Summary Report

240-229141

7/31/2025

Temperature readings _____

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
BUILDING 7 ROADWAY STORM REPAIR	240-229141-A-1	Soil jar 32oz - clear glass				

Certificate of Disposal

Modern Landfill

The non-hazardous materials described below were disposed of at the Modern Landfill on the dates below.

Date of disposal: February 23rd, 2026

Description of materials disposed of: Industrial Waste ; Contaminated Soil from Storm Drain Repairs

Method of disposal:
(X) Landfill

Generator Name: GM Components Holding (Lockport)

Profile# M25-4015

Ticket/Manifest # 1003658033 Weight 14.83 Tons

Certified by: _____

MODERN

■ 4746 Model City Road, P.O. Box 209, Model City, NY 14107-0209
■ 716-754-8226 ■ 1-800-330-7107 ■ Fax: 716-754-8964

DATE	3-31-2025			
PROJECT NUMBER	21.0056546.20 Task 9			
PROJECT	GMCH Lockport BCP Site – Soil Screening – Excavation Between Building 7 and 10 – Fire Suppression Water Gauge Repair			
GENERAL WEATHER CONDITIONS	Clear Skies			
TEMPERATURE (°F)	38-50			
WIND SPEED (mph)/DIRECTION	7-13 mph SSE Winds			
SITE CONDITIONS	Good			
CONTRACTORS ON SITE & HEAD COUNT	State Group - three			
GZA PERSONNEL ON-SITE	Ernie Thalhamer			
GZA TIME OF ARRIVAL	0700	GZA TIME OF DEPARTURE	1530	
GZA'S EQUIPMENT ON-SITE	MiniRAE 3000 Photoionization Detector (10.6 eV bulb) Ford Escape Work Vehicle Two Community Air Monitoring Program (CAMP) Monitoring Stations (equipped with a MiniRAE 3000 photoionization detector (PID) and DustTrak particulate monitor (PM-10))			
NYSDEC REPRESENTATIVE(S) ON-SITE	N/A	Time of arrival/departure	N/A	N/A
ISSUES DISCUSSED WITH NYSDEC	N/A			

SUMMARY OF WORK OBSERVED: (See attached field sketch)

CAMP setup:
Upwind monitor (case number FA00950, Dust Track FA02280, PID FA00935) on at 0922
Downwind monitor (case number FA02236, Dust Track FA00942, PID FA05596) on at 0939
Dust Track: Manual_001

CAMP breakdown:
Upwind monitor off at 1354
Downwind monitor off at 1401

State Group and GZA on site at 0700. One member of State Group left to complete annual safety training.

0920: State began equipment prep. GZA set up CAMP monitoring equipment upwind and downwind of the excavation area.
0940: State began excavation around the fire water riser pipe. Excavated material was staged on poly proximate to the excavation.
No visual or olfactory evidence of impacted material was observed during excavation (PID = 0.0).
1100: Water observed within excavation. State staged a water tank adjacent to excavation, and began dewatering the excavation. Water was discharged to the municipal sanitary sewer system in accordance with GMCH's discharge permit.
1345: Excavation complete. State Group covered excavated materials with secured poly.

VOC and particulate monitoring results were below CAMP 15-minute time weighted action levels at the downwind stations. Fugitive dust was not observed leaving the work areas. Logged CAMP data are attached.

Prepared by: Ernie Thalhamer

Reviewed by: Thomas Bohlen

DATE	4-1-2025			
PROJECT NUMBER	21.0056546.20 Task 9			
PROJECT	GMCH Lockport BCP Site – Soil Screening – Excavation Between Building 7 and 10 – Fire Suppression Water Gauge Repair			
GENERAL WEATHER CONDITIONS	Clear Skies			
TEMPERATURE (°F)	32-38			
WIND SPEED (mph)/DIRECTION	9-18 mph NNW Winds			
SITE CONDITIONS	Good			
CONTRACTORS ON SITE & HEAD COUNT	State Group - three Danforth - two			
GZA PERSONNEL ON-SITE	Ernie Thalhamer & Morgan Brown			
GZA TIME OF ARRIVAL	0800	GZA TIME OF DEPARTURE	1730	
GZA'S EQUIPMENT ON-SITE	MiniRAE 3000 Photoionization Detector (10.6 eV bulb) Ford Escape Work Vehicle Two Community Air Monitoring Program (CAMP) Monitoring Stations (equipped with a MiniRAE 3000 photoionization detector (PID) and DustTrak particulate monitor (PM-10))			
NYSDEC REPRESENTATIVE(S) ON-SITE	N/A	Time of arrival/departure	N/A	N/A
ISSUES DISCUSSED WITH NYSDEC	N/A			

SUMMARY OF WORK OBSERVED: (See attached field sketch)

CAMP setup:
Upwind monitor (case number FA00950, Dust Track FA02280, PID FA00935) on at 0952
Downwind monitor (case number FA02236, Dust Track FA00942, PID FA05596) on at 0959
Dust Track: Manual_002

CAMP breakdown:
Upwind monitor off at 1645
Downwind monitor off at 1650

State Group and Danforth on site prior to GZA's arrival.

0940: GZA set up CAMP monitoring equipment upwind and downwind of the excavation area.
No visual fugitive dust observed during soil manipulation activities.

Water observed within excavation was pumped to a water tank staged adjacent to excavation. Water was discharged to the municipal sanitary sewer system in accordance with GMCH's discharge permit.

1700 - Stone from GM facility was placed around riser and piping. Excavated material was secured above and under poly.

VOC and particulate monitoring results were below CAMP 15-minute time weighted action levels at the downwind stations. Fugitive dust was not observed leaving the work areas. Logged CAMP data are attached.

Prepared by: Ernie Thalhamer

Reviewed by: Thomas Bohlen

DATE	4-2-25			
PROJECT NUMBER	21.0056546.20 Task 9			
PROJECT	GMCH Lockport BCP Site – Soil Screening – Excavation Between Building 7 and 10 – Fire Suppression Water Gauge Repair			
GENERAL WEATHER CONDITIONS	Cloudy			
TEMPERATURE (°F)	29-32			
WIND SPEED (mph)/DIRECTION	10-27 mph SE Winds			
SITE CONDITIONS	Good			
CONTRACTORS ON SITE & HEAD COUNT	State Group - three			
GZA PERSONNEL ON-SITE	Morgan Brown			
GZA TIME OF ARRIVAL	0545	GZA TIME OF DEPARTURE	0920	
GZA'S EQUIPMENT ON-SITE	MiniRAE 3000 Photoionization Detector (10.6 eV bulb) Ford Escape Work Vehicle			
NYSDEC REPRESENTATIVE(S) ON-SITE	N/A	Time of arrival/departure	N/A	N/A
ISSUES DISCUSSED WITH NYSDEC	N/A			

SUMMARY OF WORK OBSERVED: (See attached field sketch)

CAMP setup:
Upwind monitor (case number FA00950, Dust Track FA02280, PID FA00935) on at 0623
Downwind monitor (case number FA02236, Dust Track FA00942, PID FA05596) on at 0634
Dust Track: Manual_003

CAMP breakdown:
Upwind monitor off at 0906
Downwind monitor off at 0908

0625: State began equipment prep. Stockpiled material was secured on and under poly at the time of arriving on site. GZA set up CAMP monitoring equipment upwind and downwind of the excavation area.
0715: State backfilled the excavated area with the material staged proximate to the excavation. Fill material was bucket compacted in six-to-ten-inch lifts.
No visual or olfactory evidence of impacted material was observed during backfill (PID = 0.0).
0848: Upon completion of backfilling, surface soils were track compacted to ground surface.
0903: Groundwork complete.

VOC and particulate monitoring results were below CAMP 15-minute time weighted action levels at the downwind stations. Fugitive dust was not observed leaving the work areas. Logged CAMP data are attached.

Prepared by: Morgan Brown

Reviewed by: Thomas Bohlen

PRR APPENDIX B

Progress Summary Report on SSDS Operations

HALEY ALDRICH

HALEY ALDRICH

www.haleyaldrich.com

PROGRESS REPORT ON

SUB-SLAB DEPRESSURIZATION SYSTEM - BUILDINGS 7, 7A, 8
23 APRIL 2024 – 22 APRIL 2025
BCP SITE #C932138
200 UPPER MOUNTAIN ROAD
LOCKPORT, NEW YORK

by H & A of New York, Engineering & Geology LLP
Rochester, New York

on behalf of GM Components Holdings, LLC

included as part of NYSDEC Periodic Review Report – Reporting Period:
23 April 2024 – 22 April 2025

File No. 127784-008
March 2026

List of Tables ii

List of Figures ii

1. Introduction 1

1.1 SSD SYSTEM OBJECTIVES 1

2. SSD System Operations, Maintenance & Monitoring (OM&M) Activities 2

2.1 SSDS OPERATIONS SUMMARY 2
2.2 SSD SYSTEM EMISSIONS SUMMARY 2
2.3 SUB-SLAB VACUUM INFLUENCE ASSESSMENT 3
2.4 INDOOR AIR SYSTEM PERFORMANCE SAMPLING 3

References 5

Tables
Figures
Appendix A – 2025 Projected Annual SSDS Emissions Summary and Laboratory Analytical Report
Appendix B – 2025 SSDS Performance Sampling Field Data and Laboratory Analytical Report

List of Tables

Table No.	Title
I	Summary of Blower System and Suction Pit Operating Data – Buildings 7, 7A, 8
II	Summary of Sub-Slab Vacuum Monitoring Point Readings – Building 7, 7A, 8

List of Figures

Figure No.	Title
1	Outdoor Air Sampling Locations – March 2025
2	Building 7 – SSDS Suction Pits, Sub-Slab Monitoring Points and Indoor Air & Sub-Slab Sampling Locations – March 2025
3	Building 7A – SSDS Suction Pits, Sub-Slab Monitoring Points and Indoor Air & Sub-Slab Sampling Locations – March 2025
4	Building 8 – SSDS Suction Pits, Sub-Slab Monitoring Points and Indoor Air & Sub-Slab Sampling Locations – March 2025
5	Building 10 – SSDS Trench Legs, and Indoor Air & Sub-Slab Sampling Locations – March 2025

1. Introduction

The installation of the Sub-slab Depressurization (SSD) System at the GM Components Holdings (GMCH) Lockport BCP Site #932138 (Site) for Buildings 7, 7A and 8 was completed as an Interim Remedial Measure (IRM) in August 2013 in accordance with the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Agreement (BCA) #C932138-03-10 executed between GMCH and the NYSDEC on May 20, 2010 as amended by Amendment No. 1 dated June 18, 2014 and the IRM Work Plan (Haley & Aldrich 2012), approved by the NYSDEC in December 2012. The SSD system for Building 10 was completed as a conversion of the existing Soil Vapor Extraction (SVE) / SSD system to an SSD system only on September 8, 2016 in accordance with the Building 10 SVE/SSD System – SSD Conversion Activities Notification (Haley & Aldrich 2016) approved by the NYSDEC in July 2016.

H & A of New York, Engineering & Geology (Haley & Aldrich) has prepared this Progress Report which summarizes the SSD System Operations, Maintenance and Monitoring (OM&M) activities for the operating period April 23, 2024 through April 22, 2025, completed in accordance with the Operation and Maintenance Plan contained in the NYSDEC-approved Site Management Plan (Haley & Aldrich 2016).

1.1 SSD SYSTEM OBJECTIVES

The objective of the SSD system within Buildings 7, 7A, and 8 is to operate on a continuous basis to mitigate the potential for volatile organic compound (VOC)-impacted soil vapors to affect the indoor air (IA) quality. This objective is achieved by creating a negative pressure differential between the interior of the building and the subsurface beneath the facility floor slab to induce transport of vapor-phase contaminants through a series of soil vapor collection (suction) pits, and transfer via interconnected piping, for discharge to the atmosphere at the exterior of the buildings. The SVE/SSD System within Building 10 had a blower failure in 2019 and has been shut down since that time. Indoor air (IA) sampling has been conducted periodically to monitor the indoor air quality in Building 10.

2. SSD System Operations, Maintenance & Monitoring (OM&M) Activities

During the operating period April 23, 2024 through April 22, 2025, the following OM&M activities were completed for the SSD Systems:

- Monthly suction pit data collection and quarterly blower systems operating data collection and blower effluent PID field screening measurements for the Buildings 7, 7A, and 8 SSD System. Table I provides a summary of the data collected during the monitoring period,
- Quarterly sub-slab vacuum monitoring point (SMPs – Buildings 7, 7A, 8, VMPs – Building 10) measurements. Table II provides a summary of the data collected during the monitoring period for Buildings 7, 7A, and 8 respectively (no data was collected during the reporting period for Building 10 due to blower shut down),
- 2024 Annual SSD system blower effluent vapor sampling. The 2024 annual projected SSD System emissions rates, Potential-to-Emit (PTE), and laboratory analytical report are provided in Appendix A; and
- 2024 SSD system performance sampling events. The results of the IA sampling, are provided in Appendix B.

2.1 SSD SYSTEM OPERATIONS SUMMARY

As summarized in Table I, the Building 7-7A-8 SSD System blowers/ pits operated on a full-time basis, except blower 8-3 in Building 8 had slightly reduced uptime, due to the conditions noted in the Table. Following the end of the reporting period, blower 8-3 was repaired and the remaining blowers were serviced. This will be discussed further in the next summary report for the April 23, 2025- April 22, 2026 reporting period.

2.2 SSD SYSTEM EMISSIONS SUMMARY

Review of the data from the March 2024 vapor sampling event and comparison to previously completed emissions sampling, indicate a continuing declining to steady trend in the annual SSD System emissions rate, a summary of the PTE data from 2014-2024 is summarized below.

Year	PTE (tons/year)	Sampling Date
2014	0.40	July 2014
2015	0.32	January & April 2015
2016	0.29	January & February 2016
2017	0.23	January 2017
2018	0.18	January 2018
2019	0.23	April 2019
2020	0.13	February 2020
2021	0.048	March 2021
2022	0.059	March 2023
2023	0.077	March 2024
2024	0.023	March 2025

PTE Notes:

1. Data for July 2014 was one-year post startup for the Building 7, 7A, and 8 SSD System.
2. Data for 2014 – 2016 is for Buildings 7, 7A, and 8 SSD only.
3. Data for 2017-2019 is for Buildings 7, 7A, 8 and 10 SSD System.
4. Data for 2020- 2025 is for Buildings 7, 7A, and 8 only.

2.3 SUB-SLAB VACUUM INFLUENCE ASSESSMENT

Based on review of the operating data summarized in Table II for Buildings 7, 7A, and 8, the sub-slab vacuum influence data suggests comparable trends to the conditions presented in the SSDS – Buildings 7, 7A, 8 April 2016 – December 2016 Progress Report (Haley & Aldrich 2017), the Site Management Plan (Haley & Aldrich 2016) and Site Management Period Review Report and IC/EC Certification Submittal – Number 1 (Haley & Aldrich 2018). These data also indicate that instantaneous vacuum readings collected during the quarterly monitoring events in many of the pressure field perimeter SMP/VMPs, fluctuated from at/above to below the target differential pressure of 0.002 inches water column (W.C.). Locations with consistent 0.0 vacuums will be evaluated during the coming year for obstructions or moved if needed.

These observations suggest that the variability in the vacuum readings may be due to changes in Plant operations, or changes in seasonal building HVAC operations (i.e. more negative pressure in the indoor space during the heating season). As further discussed in the September 2025 Periodic Review Report (PRR), Haley & Aldrich recommends that multiple SMPs be replaced during the next reporting period.

2.4 INDOOR AIR SYSTEM PERFORMANCE SAMPLING

To assess the potential effects of variable vacuum influence conditions, as referenced above in Section 2.3, an IA sampling event was conducted in March 2025 in accordance with the Site Management Plan. IA samples were collected from areas proximal to existing SMP/VMP points that have exhibited periodic sub-slab vacuum reading fluctuations and consistent with IA sample locations for the March 2018 sampling event.

A summary of the IA sample locations to SMP/VMPs for the 2025 sampling event is as follows:

Building 7

(7-West)

- 7W-IA-1 – SMP-7W-13
- 7W-IA-2 – SMP-7W-12B
- 7W-IA-3 – SMP-7W-11A
- 7W-IA-4 – SMP-7W-5A
- 7W-IA-5 – SMP-7W-2A

(7-East)

7E-IA-1 – SMP-7E-7A
7E-IA-2 – SMP-7E-1

Building 7A

- 7A-IA-1 – SMP-7A-9
- 7A-IA-2 – SMP-7A-12

Building 8

- 8A-IA-1 – SMP-B8-4
- 8A-IA-2 – SMP-B8-9A

The results of the sampling event conducted between 17 March – 1 April 2025, which include a summary of sampling activities, field notes, facility product inventory lists observed in the sampling areas, laboratory analytical reports, and a results summary data table, are provided in Appendix B.

Some points under Buildings 7 and 8 are showing increasing IA concentration trends. This issue and the proposed next steps to address the situation are discussed further in this PRR.

Please refer to Figures 1 through 5 for the Outdoor Air and IA sample locations associated with Buildings 7, 7A, 8 and 10, March 2025 sampling event.

References

1. Haley & Aldrich of New York, (2012). "Sub Slab Depressurization Systems Pilot Testing Report – Interim Remedial Measures (IRM) Work Plan, BCP Sites Nos. C932138/C932139, 200 Upper Mountain Road, Lockport, NY", November 2012.

2. New York State Department of Environmental Conservation, (2014) Brownfield Cleanup Agreement, dated 14 June 2014 Consolidated Site No. 932138, Buildings 7, 8 and 10.

3. Haley & Aldrich of New York, (2016). "Site Management Plan, BCP Site No. C932138, GM Components Holdings, LLC (GMCH), 200 Upper Mountain Road, Lockport, New York", November 2016.

4. Haley & Aldrich of New York, (2017). "Sub-Slab Depressurization Systems Performance Sampling Plan, GMCH Lockport BCP Site No. C932138, 200 Upper Mountain Road, Lockport, New York", 15 March 2017.

5. Haley & Aldrich of New York, (2017). "Summary of Sub-Slab Depressurization System Performance Results, GMCH Lockport Facility, 200 Upper Mountain Road, Lockport, New York, BCP Site No. C932138, 22-24 March 2017", 21 July 2017.

6. Haley & Aldrich of New York, (2018). "Site Management Periodic Review Report and IC/EC Certification Submittal – Number 1, Reporting Period: 22 December 2016 – 22 April 2018, BCP Site No. C932138, GM Components Holdings, LLC, 200 Upper Mountain Road, Lockport, New York" May 2018.

TABLES

Table 1 - Consolidated
SSD System - Summary of Blower System & Suction Pit Operating Data: 23 April 2019- 17 March 2025
GMCH Lockport NY Facility - BCP Site No. 932138
Buildings 7, 7A, 8
Project No.: 0127784-102

Hide Column

Bldg Location - Fan/Pit Tag	Suction Pit Location (Col No.)	Fan Location	Data Collection Date/ Approximate Time	Suction Pit		Vacuum Blower								Vapor Flow Rate (CFM) (see note 1)	Blower Outlet Vapor Phase PID Reading (ppm)	Available Hrs Between Last Hr Meter Reading	Run Hrs Between Last Readings	% Uptime Between Last Hr Meter Reading (see note 2)	Comments
				Vacuum ("W.C.)	Temp (°F)	Filter Inlet Vacuum ("W.C.)	Blower Inlet Vacuum ("W.C.)	Filter Diff - (calculated) ("W.C.)	Filter Inlet Temp (°F)	Blower Outlet Temp (°F)	Temp Diff - calculated (°F)	Flow Sensor Diff. Press. ("W.C)	Hr Meter Reading						
8-1	HH-87	Penthouse 14 (Fan Serial No. 0613400886)	7/29/2019 14:51	60	91	60	60	0	100	190	90	0	37755.4	46	1.2	2691.2	2691.1	100.0%	
			11/25/2019 12:12	60	80	59	60	1	85	165	80	0	40609.8	46	0.2	2853.3	2854.4	100.0%	
			2/24/2020 11:27	60	78	58	60	2	86	164	78	0	42793.0	46	0.4	2183.3	2183.2	100.0%	
			7/29/2020 11:31	61	90	61	61	0	96	184	88	0	46560.1	44	0.3	3744.1	3767.1	100.6%	
			11/23/2020 11:22	60	75	61	61	0	79	154	75	0	49345.0	44	0.0	2807.9	2784.9	99.2%	
			3/2/2021 13:06	61	76	61	61	0	80	158	78	0	51718.8	44	0.0	2377.7	2373.8	99.8%	Collected blower effluent sample
			7/27/2021 13:48	60	88	60	60	0	96	186	90	0.0	55250.4	46	0.0	3528.7	3531.6	100%	
			11/29/2021 13:00	60	77	59	60	1	84	162	78	0.0	58250.7	46	0.0	2999.2	3000.3	100%	
			2/28/2022 11:43	60	73	60	60	0	80	158	78	0.0	60433.4	46	0.0	2182.7	2182.7	100%	
			7/21/2022 12:01	60	91	60	60	0	99	189	90	0.0	63864.7	46	0.0	3432.3	3431.3	100%	
			12/14/2022 11:50	60	78	60	60	0	80	160	80	0.0	67369.6	46	0.2	3503.8	3504.9	100%	
			3/27/2023 11:25	60	81	60	60	0	84	168	84	0.0	69840.1	46	0.0	2471.6	2470.5	100%	
			8/9/2023 10:07	60	90	60	60	0	97	187	90	0.0	73077.1	46	0.1	3238.7	3237.0	100%	
			12/15/2023 11:24	60	78	60	60	0	83	160	77	0.0	76151.4	46	0.2	3073.3	3074.3	100%	
			3/20/2024 11:58	59	74	60	60	0	80	157	77	0.0	78455.0	46	0.1	2304.6	2303.6	100%	
			8/21/2024 11:05	60	89	59	60	1	97	178	81	0.0	82146.9	46	0.3	3695.1	3691.9	100%	
			12/18/2024 9:18	59	78	60	60	0	85	161	76	0.0	84996.8	46	0.0	2854.2	2849.9	100%	
			3/17/2025 10:42	13	79	4	29	25	81	88	7	0.0	101082.6	111	0.3	2137.4	16085.8	753%	
			Min	13	66	4	29		70	88	0			43	0.0				
			Max	61	91	61	64		101	196	95			80	3.9				
			Avg	58	80	56	58		86	161	75			50	0.8				
			Min																
			Max																
8-2	PP-89	HVAC Mech Rm (Fan Serial No. 0613400871)	7/29/2019 14:49	38	87	42	50	8	94	146	52	0.05	46814.5	80	1.2	2691.2	2363.9	87.8%	See note 4 regarding uptime
			11/25/2019 12:08	40	73	43	52	9	80	128	48	0	46814.5	75	0.4	2853.3	0.0	0.0%	See note 4 regarding uptime
			2/24/2020 11:39	39	70	43	52	9	78	125	47	0	46814.5	75	0.1	2183.5	0.0	0.0%	See note 4 regarding uptime
			7/29/2020 11:28	38	87	42	50	8	92	144	52	0	46814.5	80	0.3	3743.8	3743.8	100.0%	Blower Operating - likely faulty run hour meter (reading of 46814.5 observed Feb 2020) - see note 4 regarding uptime
			8/20/2020	39	85														Blower run hour meter replaced on 9/11/20
			11/23/2020 11:19	38	72	42	51	9	78	121	43	0	1752.3	78	0.0	2807.9	2807.9	100.0%	
			3/2/2021 9:05	41	70	45	53	8	76	122	46	0	4126.1	71	0.0	2373.8	2373.8	100.0%	
			7/27/2021 13:44	39	84	44	51	7	93	144	51	0.0	7657.7	78	0.0	3532.7	3531.6	100%	
			11/29/2021 12:57	40	73	44	52	8	81	130	49	0.0	10650.3	75	0.0	2999.2	2992.6	100%	
			2/28/2022 11:40	38	64	42	52	10	76	121	45	0.0	12833.0	75	0.0	2182.7	2182.7	100%	
			7/21/2022 11:58	39	86	47	51	4	94	145	51	0.0	16264.3	78	0.4	3432.3	3431.3	100%	
			12/14/2022 11:57	42	72	45	54	9	78	126	48	0.0	19769.3	69	0.1	3504.0	3505.0	100%	
			3/27/2023 11:23	43	72	45	54	9	80	130	50	0.0	22239.6	69	0.0	2471.4	2470.3	100%	
			8/9/2023 10:11	40	84	45	53	8	90	142	52	0.0	25476.2	71	0.1	3238.8	3236.6	100%	
			12/15/2023 11:21	37	70	42	52	10	76	122	46	0.0	28550.6	75	0.1	3073.2	3074.4	100%	
			3/20/2024 11:55	39	69	43	52	9	74	118	44	0.0	30854.2	75	0.0	2304.6	2303.6	100%	
			8/21/2024 11:02	41	84	46	54	8	90	141	51	0.0	34549.2	69	0.0	3695.1	3695.0	100%	
			12/18/2024 9:15	38	71	43	50	7	78	124	46	0.0	37399.9	80	0.1	2854.2	2850.7	100%	
			3/17/2025 10:40	42	71	46	55	9	79	125	46	0.0	39530.8	66	0.0	2137.4	2130.9	100%	
			Min	32	60	35	42		70	110	38			66	0.0				
			Max	43	88	47	55		94	146	52			94	3.7				
			Avg	38	76	41	49		82	129	47			81	0.8				
			Min											10/20/2017					
			Max	10/20/2017		10/20/2017	10/20/2017		7/21/2017	7/21/2017									

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SSD System - Summary of Blower System & Suction Pit Operating Data: 23 April 2019- 17 March 2025
GMCH Lockport NY Facility - BCP Site No. 932138
Buildings 7, 7A, 8
Project No.: 0127784-102

Hide Column

Bldg Location - Fan/Pit Tag	Suction Pit Location (Col No.)	Fan Location	Data Collection Date/ Approximate Time	Suction Pit		Vacuum Blower								Vapor Flow Rate (CFM) (see note 1)	Blower Outlet Vapor Phase PID Reading (ppm)	Available Hrs Between Last Hr Meter Reading	Run Hrs Between Last Readings	% Uptime Between Last Hr Meter Reading (see note 2)	Comments
				Vacuum ("W.C.)	Temp (°F)	Filter Inlet Vacuum ("W.C.)	Blower Inlet Vacuum ("W.C.)	Filter Diff - (calculated) ("W.C.)	Filter Inlet Temp (°F)	Blower Outlet Temp (°F)	Temp Diff - calculated (°F)	Flow Sensor Diff. Press. ("W.C)	Hr Meter Reading						
8-3	HH-91	Penthouse 15 (Fan Serial No. 0613400881)	7/29/2019 14:45	57	88	59	>60	4	99	181	82	0	37212.2	46	105.0	2691.3	2553.2	94.9%	
			11/25/2019 12:01	55	76	59	>60	4	76	104	28	0.01	39953.9	46	29.7	2853.3	2741.7	96.1%	Blower off upon arrival, restarted at 12:01; checked on 11/26/2019 at 16:00, blower still operating
			2/24/2020 11:22	55	74	57	>60	4	82	150	68	0	41751.4	46	25.4	7727.9	1797.5	23.3%	See note 4 regarding uptime
			7/29/2020 11:24	57	89	59	61	2	96	178	82	0	45518.5	45	51.2	3744.0	3767.1	100.6%	
			11/23/2020 11:17	54	72	57	61	4	78	144	66	0	48303.4	45	10.2	2807.9	2784.9	99.2%	
			3/2/2021 9:00	56	73	58	61	3	78	146	68	0	50677.1	45	10.0	2373.7	2373.7	100.0%	
			7/27/2021 13:42	57	86	58	60	2	94	178	84	0.0	53866.2	46	16.8	3532.7	3189.1	90%	See Note 3
			11/29/2021 12:56	55	75	57	60	3	83	153	70	0.0	56866.4	46	6.9	2999.2	3000.2	100%	
			2/28/2022 11:32	56	71	58	60	2	79	149	70	0.0	59049.1	46	4.3	2182.6	2182.7	100%	Collected blower effluent sample
			7/21/2022 11:56	57	89	58	60	2	97	182	85	0.0	62480.4	46	19.8	3432.4	3431.3	100%	
			12/14/2022 11:44	56	75	58	60	2	80	148	68	0.0	65985.3	46	8.9	3503.8	3504.9	100%	
			3/27/2023 11:17	55	77	57	60	3	86	156	70	0.0	68455.8	46	13.4	2471.5	2470.5	100%	Collected blower effluent sample
			8/9/2023 10:13	57	87	59	60	1	83	178	95	0.0	71521.9	46	0.2	3238.9	3066.1	95%	See Note 3. Fan shutdown projected to be on 5/14/23, restarted on 5/24/23 during monthly suction pit vacuum check.
			12/15/2023 11:17	55	74	58	60	2	81	150	69	0.0	74596.0	46	4.6	3073.1	3074.1	100%	
			3/20/2024 11:51	56	72	57	60	3	80	148	68	0.0	76685.6	46	16.5	2304.6	2089.6	91%	Collected blower effluent sample, See Note 3
			8/21/2024 11:00	56	86	58	60	2	94	171	77	0.0	80380.7	46	24.9	3695.2	3695.1	100%	
			12/18/2024 9:12	55	73	58	60	2	82	152	70	0.0	83235.9	46	11.0	2854.2	2855.2	100%	
			3/17/2025 10:35	55	78	57	60	3	84	152	68	0.0	85372.3	46	15.8	2137.4	2136.4	100%	Collected blower effluent sample
			6/4/2025 0:00	55	82	58	60	2	95	135	40	0.0	87260.9	46					Blower restarted
			Min	52	64	54	54		70	104	28			45	0.2				
			Max	57.5	90	59	62		99	182	95			69	375.0				
			Avg	55	77	57	59		84	154	70			48	88.1				
			Min																
			Max	Check															

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GMCH Lockport NY Facility - BCP Site No. 932138
Buildings 7, 7A, 8
Project No.: 0127784-102

Hide Column

Bldg Location - Fan/Pit Tag	Suction Pit Location (Col No.)	Fan Location	Data Collection Date/ Approximate Time	Suction Pit		Vacuum Blower								Vapor Flow Rate (CFM) (see note 1)	Blower Outlet Vapor Phase PID Reading (ppm)	Available Hrs Between Last Hr Meter Reading	Run Hrs Between Last Readings	% Uptime Between Last Hr Meter Reading (see note 2)	Comments
				Vacuum ("W.C.)	Temp (°F)	Filter Inlet Vacuum ("W.C.)	Blower Inlet Vacuum ("W.C.)	Filter Diff - (calculated) ("W.C.)	Filter Inlet Temp (°F)	Blower Outlet Temp (°F)	Temp Diff - calculated (°F)	Flow Sensor Diff. Press. ("W.C)	Hr Meter Reading						
8-4	BB-87	Penthouse 9 (Fan Serial No. 0613400875)	7/29/2019 14:57	45	85	47	52	5	106	166	60	0	50894.6	75	0.1	2691.0	2695.1	100.2%	
			11/25/2019 12:19	45	72	48	52	4	85	147	62	0	53754.5	75	0.6	2853.4	2859.9	100.2%	
			2/24/2020 11:35	46	72	48	53	5	86	140	54	0	55940.3	75	0.3	2183.3	2185.8	100.1%	
			7/29/2020 11:38	46	85	49	54	5	104	170	66	0	59710.4	82	0.5	3744.0	3770.1	100.7%	
			11/23/2020 11:27	46	70	49	53	4	88	147	59	0	62499.3	82	0.0	2807.8	2788.9	99.3%	
			3/2/2021 9:18	48	70	50	55	5	82	138	56	0	64876.6	66	0.0	2373.8	2377.3	100.1%	
			7/27/2021 13:56	47	82	49	57	8	96	153	57	0.0	68413.7	58	0.0	3532.6	3537.1	100%	
			11/29/2021 13:05	46	72	48	52	4	86	140	54	0.0	71418.2	75	0.0	2999.2	3004.5	100%	
			2/28/2022 11:52	46	70	49	53	4	85	141	56	0.0	73602.7	71	0.0	2182.8	2184.5	100%	
			7/21/2022 12:07	47	82	49	53	4	99	157	58	0.0	77039.8	71	0.3	3432.3	3437.1	100%	
			12/14/2022 12:00	46	70	48	53	5	80	129	49	0.0	78672.8	71	0.4	3503.9	1633.0	100%	See Note 4, projected uptime 100%
			3/27/2023 11:32	46	74	48	53	5	90	146	56	0.0	78677.2	71	0.0	2471.5	4.4	100%	See Note 4, projected uptime 100%
			8/9/2023 10:16	47	80	49	53	4	94	151	57	0.0	78677.2	71	0.1	3238.7	0.0	100%	See Note 4, projected uptime 100%
			12/15/2023 11:30	48	70	50	55	5	86	145	59	0.0	78677.2	66	0.3	3073.2	0.0	100%	See Note 4, projected uptime 100%
			3/20/2024 12:03	48	70	50	55	5	82	140	58	0.0	78677.2	66	0.6	2304.6	0.0	100%	See Note 4, projected uptime 100%
			8/21/2024 11:12	55	80	57	60	3	95	169	74	0.0	78677.2	46	0.4	3695.2	0.0	100%	See Note 4, projected uptime 100%
			12/18/2024 9:23	54	71	59	60	1	88	116	28	0.0	78677.2	46	0.0	2854.2	0.0	100%	See Note 4, projected uptime 100%
			3/17/2025 10:49	2	74	2	5	3	88	96	8	0.0	78677.2	141	-	2137.4	0.0	100%	
			Min	2	60	2	5		71	96	0			46	0.0				
			Max	59	85	59	60		106	196	104			141	3.4				
			Avg	45	75	44	47		89	155	68			87	1.3				
			Min	11/20/2017	2/28/2014	12/1/2017	12/1/2017		10/20/2015						4/20/2017				
			Max	7/25/2014	6/20/2016 8/24/2016	7/25/2014	7/25/2014			7/21/2017	12/1/2017			12/1/2017	4/17/2015				
8-5	DD-81	Penthouse 14 (Fan Serial No. 0613400885)	7/29/2019 14:51	56	92	56	60	4	96	170	74	0.1	51880.3	46	0.1	2691.2	2691.2	100.0%	
			11/25/2019 12:11	55	80	56	60	4	85	154	69	0.15	54734.6	46	1.0	2853.3	2854.3	100.0%	
			2/24/2020 11:27	55	80	56	60	4	86	156	70	0.02	56917.8	46	0.6	2183.3	2183.2	100.0%	
			7/29/2020 11:30	56	92	56	61	5	94	166	72	0.1	60684.9	45	0.5	3744.0	3767.1	100.6%	
			11/23/2020 11:22	53	76	54	61	7	79	142	63	0.1	63469.7	45	0.2	2807.9	2784.8	99.2%	
			3/2/2021 9:07	61	72	58	61	3	80	151	71	0.1	65843.4	45	0.1	2373.8	2373.7	100.0%	
			7/27/2021 13:48	60	87	57	60	3	94	170	76	0.1	69375.1	46	0.0	3532.7	3531.7	100%	
			11/29/2021 13:00	60	78	57	60	3	82	152	70	0.1	72375.3	46	0.2	2999.2	3000.2	100%	
			2/28/2022 11:43	60	69	60	60	0	81	172	91	0.0	74558.0	46	0.1	2182.7	2182.7	100%	
			7/21/2022 12:01	90	90	56	60	4	98	172	74	0.1	77989.2	46	0.3	3432.3	3431.2	100%	
			12/14/2022 11:50	60	76	55	60	5	80	146	66	0.1	81494.1	46	0.7	3503.8	3504.9	100%	
			3/27/2023 11:25	60	81	56	60	4	86	159	73	0.0	83964.6	46	0.1	2471.6	2470.5	100%	
			8/9/2023 10:07	60	88	57	60	3	94	170	76	0.1	87201.5	46	0.1	3238.7	3236.9	100%	
			12/15/2023 11:24	60	80	56	60	4	82	150	68	0.0	90275.8	46	0.4	3073.3	3074.3	100%	
			3/20/2024 11:58	60	82	55	60	5	80	147	67	0.1	92579.3	46	0.6	2304.6	2303.5	100%	
			8/21/2024 11:05	60	88	57	60	3	92	165	73	0.0	96274.4	46	2.2	3695.1	3695.1	100%	
			12/18/2024 9:17	60	80	56	60	4	84	156	72	0.1	99129.6	46	0.3	2854.2	2855.2	100%	
			3/17/2025 10:42	60	82	57	60	3	84	152	68	0.0	101266.0	46	0.4	2137.4	2136.4	100%	
			Min	43.7	69	44	45		70	129	45			45	0				
			Max	90	92	60	62		100	175	91			89	3.3				
			Avg	55	81	54	59		85	153	68			51	1.0				
			Min	7/21/2017		7/21/2017	7/21/2017			7/21/2017	7/21/2017			4/20/2017	4/20/2017				
			Max																

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Bldg Location - Fan/Pit Tag	Suction Pit Location (Col No.)	Fan Location	Data Collection Date/ Approximate Time	Suction Pit		Vacuum Blower								Vapor Flow Rate (CFM) (see note 1)	Blower Outlet Vapor Phase PID Reading (ppm)	Available Hrs Between Last Hr Meter Reading	Run Hrs Between Last Readings	% Uptime Between Last Hr Meter Reading (see note 2)	Comments
				Vacuum ("W.C.)	Temp (°F)	Filter Inlet Vacuum ("W.C.)	Blower Inlet Vacuum ("W.C.)	Filter Diff - (calculated) ("W.C.)	Filter Inlet Temp (°F)	Blower Outlet Temp (°F)	Temp Diff - calculated (°F)	Flow Sensor Diff. Press. ("W.C)	Hr Meter Reading						
8-6	FF-83	Penthouse 14 (Fan Serial No. 0613400877)	7/29/2019 14:51	33	87	32	46	14	98	145	47	0.05	51879.5	88	11.4	2691.2	2691.2	100.0%	
			11/25/2019 12:11	32	80	31	45	14	86	131	45	0	54733.7	89	7.8	2853.3	2854.2	100.0%	
			2/24/2020 11:27	31	78	30	44	14	88	132	44	0	56971.0	91	3.2	2183.3	2237.3	102.5%	
			7/29/2020 11:30	33	88	32	46	14	94	142	48	0.1	60684.9	88	3.5	3744.0	3713.9	99.2%	
			11/23/2020 11:22	31	77	31	45	14	80	122	42	0	63468.8	89	2.3	2807.9	2783.9	99.1%	
			3/2/2021 9:07	32	78	28	46	18	82	126	44	0	65842.5	88	3.2	2373.8	2373.7	100.0%	
			7/27/2021 13:48	34	87	33	47	14	96	144	48	0.0	69374.1	86	1.7	3532.7	3531.6	100%	
			11/29/2021 13:00	32	80	31	45	14	85	128	43	0.0	72374.3	89	0.9	2999.2	3000.2	100%	
			2/28/2022 11:43	31	77	30	45	15	82	125	43	0.0	74557.0	89	1.2	2182.7	2182.7	100%	
			7/21/2022 12:01	34	90	33	47	14	99	147	48	0.0	77988.2	86	3.3	3432.3	3431.2	100%	
			12/14/2022 11:50	33	80	33	48	15	82	128	46	0.0	81493.0	84	1.4	3503.8	3504.8	100%	
			3/27/2023 11:25	36	83	34	49	15	85	136	51	0.0	83963.5	82	1.7	2471.6	2470.5	100%	
			8/9/2023 10:07	35	90	34	48	14	96	146	50	0.0	87200.4	84	0.1	3238.7	3236.9	100%	
			12/15/2023 11:24	31	78	30	46	16	84	126	42	0.0	90274.7	88	1.4	3073.3	3074.3	100%	
			3/20/2024 11:58	30	78	29	46	17	81	125	44	0.0	92578.2	88	3.1	2304.6	2303.5	100%	
			8/21/2024 11:05	34	82	33	48	15	95	142	47	0.0	96273.2	84	0.2	3695.1	3695.0	100%	
			12/18/2024 9:17	32	80	31	47	16	87	130	43	0.0	99128.4	86	1.1	2854.2	2855.2	100%	
			3/17/2025 10:42	32	84	47	49	2	85	130	45	0.0	101264.8	82	1.8	2137.4	2136.4	100%	
			Min	25	64	25	27		72	109	37			82	0.1				
			Max	36	90	47	49		100	148	51			112	15.2				
			Avg	31	80	31	42		87	130	44			92	5.4				
			Min																
			Max																
8-7	MM-85	Penthouse 14 (Fan Serial No. 0613400869)	7/29/2019 14:51	57	88	58	60	2	95	169	74	0	51522.0	46	0.8	2691.2	2691.2	100.0%	
			11/25/2019 12:12	55	80	58	60	2	84	153	69	0	54376.3	46	0.5	2853.3	2854.3	100.0%	
			2/24/2020 11:27	56	76	57	60	3	84	150	66	0	56559.5	46	0.4	2183.3	2183.2	100.0%	
			7/29/2020 11:31	57	87	58	61	3	92	166	74	0	60326.5	45	0.2	3744.1	3767.0	100.6%	
			11/23/2020 11:22	57	74	58	61	3	77	142	65	0	63111.3	45	0.1	2807.9	2784.8	99.2%	
			3/2/2021 9:09	57	75	58	61	3	79	136	57	0	65485.1	45	0.0	2373.8	2373.8	100.0%	
			7/27/2021 13:48	57	85	58	60	2	92	166	74	0.0	69016.7	46	0.1	3532.6	3531.6	100%	
			11/29/2021 13:00	58	75	59	60	1	81	130	49	0.0	72016.7	46	0.0	2999.2	3000.0	100%	
			2/28/2022 11:43	55	72	57	60	3	78	140	62	0.0	74199.5	46	0.0	2182.7	2182.8	100%	
			7/21/2022 12:01	57	88	58	60	2	95	170	75	0.0	77630.7	46	0.1	3432.3	3431.2	100%	
			12/14/2022 11:50	58	78	60	60	0	80	148	68	0.0	81135.4	46	0.3	3503.8	3504.7	100%	
			3/27/2023 11:25	58	77	59	60	1	82	154	72	0.0	83606.0	46	0.0	2471.6	2470.6	100%	
			8/9/2023 10:07	58	86	59	60	1	93	168	75	0.0	86842.9	46	0.1	3238.7	3236.9	100%	
			12/15/2023 11:24	55	70	58	60	2	83	143	60	0.0	89917.2	46	0.3	3073.3	3074.3	100%	
			3/20/2024 11:58	53	69	55	60	5	75	137	62	0.0	92220.7	46	0.1	2304.6	2303.5	100%	
			8/21/2024 11:05	58	84	60	60	0	92	166	74	0.0	95915.7	46	0.0	3695.1	3695.0	100%	
			12/18/2024 9:18	55	70	56	60	4	80	144	64	0.0	98770.9	46	0.1	2854.2	2855.2	100%	
			3/17/2025 10:42	58	73	58	60	2	80	145	65	0.0	100907.3	46	0.1	2137.4	2136.4	100%	
			Min	45	60	48	52		68	119	49			40	0.00				
			Max	58	88	60	63		96	170	75			79	2.9				
			Avg	56	77	56	59		83	149	66			54	0.5				
			Min																
			Max	10/20/2017					7/21/2017	7/21/2017	7/21/2017								

Nomenclature

"W.C.	inches water column
°F	degrees Fahrenheit
ppm	parts per million
%R.H.	percent Relative Humidity
NM	Not Measured
NR	Not Recorded
	Calculated value based on operating data

Notes

1. Flow rate as read from the blower curve data based on the operating vacuum at the blower inlet.
2. % uptime is +/- 2% based on actual field reading times and accuracy of the hour meter.
3. Decreased uptime percent typically related to intermittent power service based on review of hour meter reading and projected run time
   Fan was fully operational during routine system checks and observed monthly vacuum readings at suction pit or as noted.
4. Hour meter to be replaced, fan was fully operational during routine system checks and observed monthly vacuum readings at suction pit.

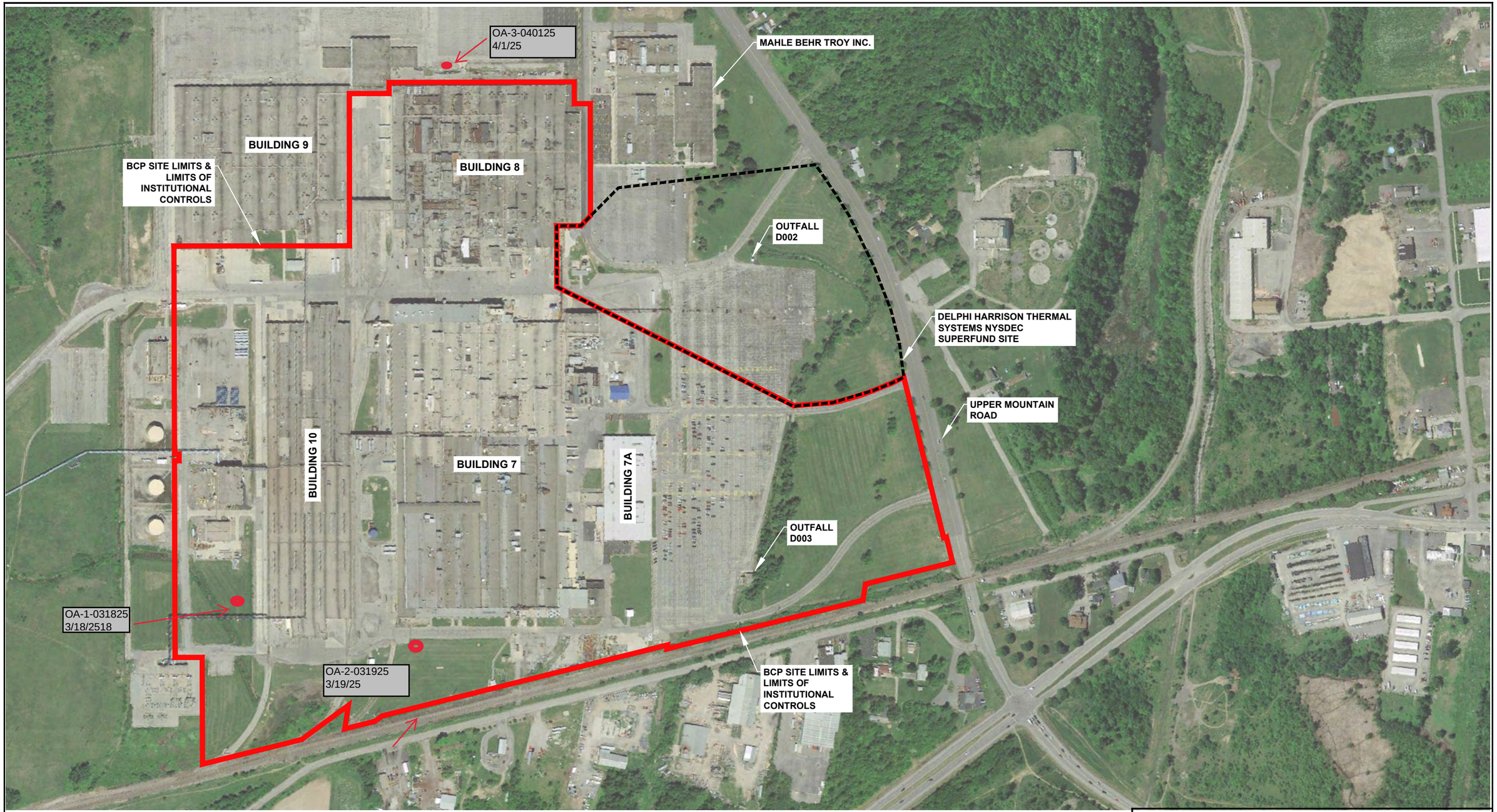
Table II
SSD System - Sub Slab Vacuum Monitoring Point Reading 23 April 2019- 22 April 2025
GMCH Lockport NY Facility - BCP Site No. 932138
Buildings 7, 7A, 8
Project No.: 0127784-102

	Data Collection Date:	29-Jul-2019	25-Nov-2019	24-Feb-2020	29-Jul-2020	23-Nov-2020	2-Mar-2021	27-Jul-2021	29-Nov-2021	28-Feb-2022	21-Jul-2022	14-Dec-2022	27-Mar-2023	9-Aug-2023	15-Dec-2023	20-Mar-2024	17-Mar-25
Location	Sub Slab Monitoring Point (SMP) ID	Vacuum Reading (inches water column)			Vacuum Reading (inches water column)			Vacuum Reading (inches water column)			Vacuum Reading (inches water column)			Vacuum Reading (inches water column)			
Bldg 7-West	SMP-7W-1	0.000	0.000	0.000	0.000	**+0.002**	0.000	0.000	0.000	0.000	Point inaccessible	**0.006**	0.000	0.000	**0.005**	0.000	0.000
	SMP-7W-2	Point inaccessible	**0.002**	0.000	**+0.004**	0.000	0.000	0.000	Point covered	0.000	Point covered	Point covered	0.000	Point covered	**0.039**	0.000	0.000
	SMP-7W-2A	**0.020**	Point inaccessible	Point inaccessible	**0.016**	0.000	0.000	**0.033**	**0.010**	**0.002**	**0.022**	**0.004**	**0.005**	**0.022**	**0.021**	**0.005**	**0.002**
	SMP-7W-4	**0.043**	Point inaccessible	**0.120**	Point inaccessible	**0.044**	**0.025**	Point covered	0.000	0.000	Point covered	Point covered	Point covered	**0.023**	**0.013**	0.000	0.000
	SMP-7W-5A	0.000	0.000	0.000	0.000	0.000	0.000	**0.014**	0.000	**0.069**	0.000	0.000	0.000	**0.003**	**0.001**	0.000	**0.009**
	SMP-7W-6	**0.132**	**0.084**	Point inaccessible	**0.004**	**0.084**	0.000	**0.250**	**0.113**	0.000	**0.020**	0.000	**0.058**	**0.224**	**0.017**	**0.082**	**0.035**
	SMP-7W-7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Point covered	Point covered	Point covered	Point covered	0.000	0.000	0.000
	SMP-7W-9	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Point Sealed - See Note 6	Point Sealed - See Note 6	NM
	SMP-7W-11A	0.000	0.000	0.000	0.000	0.000	**+0.002**	Point covered	0.000	0.000	0.000	0.000	0.000	0.000	Point covered	Point covered	NM
	SMP-7W-12B	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Point covered	Point covered	Point covered	Point covered	Point covered	Point covered	NM
	SMP-7W-13	0.000	**+0.007**	0.000	0.000	**+0.017**	**+0.004**	**0.002**	**+0.004**	0.000	0.000	**0.002**	Point Temporarily Removed - See Note 5	Point Temporarily Removed - See Note 5	0.000	Point inaccessible	0.000
Bldg 7-East	SMP-7E-1	**0.010**	0.000	**0.006**	**0.005**	0.000	**0.003**	**0.012**	**0.006**	0.000	**0.016**	**0.005**	**0.004**	**0.007**	**0.003**	**0.003**	**0.004**
	SMP-7E-3	**0.024**	**0.006**	**0.003**	**0.010**	0.000	**0.004**	**0.018**	**0.005**	0.000	Point covered	Point covered	Point covered	Point covered	Point covered	Point covered	0.000
	SMP-7E-3A	**0.007**	0.000	0.000	**0.003**	0.000	0.000	**0.009**	**0.005**	**0.013**	**0.001**	**0.002**	**0.002**	0.000	0.000	0.000	NM
	SMP-7E-4A	**0.059**	**0.035**	**0.035**	**0.028**	**0.030**	**0.028**	**0.066**	**0.041**	**0.036**	**0.080**	**0.042**	**0.030**	**0.069**	**0.035**	**0.022**	**0.041**
	SMP-7E-6	**0.004**	0.000	0.000	0.000	0.000	0.000	**0.030**	Point covered	Point covered	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	SMP-7E-6A	**0.020**	**0.250**	**0.003**	0.000	**0.004**	0.000	**0.037**	**0.004**	**0.012**	**0.017**	**0.009**	**0.002**	**0.003**	**0.004**	0.000	0.000
	SMP-7E-7A	0.000	**0.002**	0.000	0.000	0.000	0.000	**0.002**	0.000	0.000	**0.003**	0.000	0.000	0.000	**0.002**	0.000	**0.003**
	SMP-7E-8A	Point Covered	Point Covered	**0.006**	Point covered	0.000	0.000	**0.016**	**0.006**	0.000	Point covered	**0.008**	**0.002**	**0.017**	**0.004**	**0.002**	**0.005**
	SMP-7E-8B	**0.042**	**0.020**	**0.020**	**0.036**	**0.014**	**0.013**	**0.038**	**0.002**	**0.026**	**0.063**	Point covered	Point covered	Point covered	**0.000**	Point covered	NM
Bldg - 7A	SMP-7A-1	**0.007**	**0.077**	**0.045**	**0.003**	**0.006**	**0.004**	**0.046**	**0.028**	**0.028**	**0.003**	**0.002**	**0.033**	**0.009**	**0.023**	**0.014**	0.000
	SMP-7A-2	**0.005**	**0.002**	**+0.002**	**0.009**	**+0.003**	**+0.004**	**0.012**	0.000	0.000	**0.014**	0.000	0.000	0.000	**0.002**	0.000	**0.002**
	SMP-7A-3	**0.250**	**0.002**	**0.046**	**0.250**	**0.250**	**0.250**	**0.250**	**0.037**	**0.250**	**0.250**	**0.140**	**0.134**	**0.250**	**0.191**	**0.250**	**0.048**
	SMP-7A-4	**0.000**	**0.058**	**0.000**	**0.008**	0.000	0.000	0.000	**0.026**	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	SMP-7A-5	**0.131**	**0.000**	**0.047**	**0.030**	**0.088**	**0.058**	**0.188**	**0.026**	**0.009**	**0.002**	0.000	**0.003**	**0.144**	**0.004**	0.000	0.000
	SMP-7A-6	**0.070**	**0.035**	**0.017**	**0.002**	**0.003**	**0.004**	**0.068**	**0.007**	0.000	0.000	0.000	0.000	0.000	**0.002**	0.000	0.000
	SMP-7A-7	**0.012**	0.000	0.000	**0.003**	**+0.003**	**+0.007**	**0.005**	**+0.004**	0.000	**0.002**	**0.001**	0.000	**0.006**	0.000	0.000	**0.002**
	SMP-7A-8	0.000	0.000	0.000	0.000	0.000	Point inaccessible	0.000	**+0.004**	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	SMP-7A-9	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.001**	**0.001**	**0.001**	0.000	**0.001**	0.000	0.000
	SMP-7A-12	0.000	**0.006**	0.000	0.000	**+0.005**	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.002**	0.000	0.000	0.000
	SMP-7A-13	**0.250**	**0.015**	0.000	0.000	0.000	**0.004**	**0.003**	0.000	0.000	0.000	0.000	**0.003**	0.000	0.000	0.000	**0.003**
	SMP-7A-13A	**+0.005**	**0.250**	**0.250**	**0.250**	**0.250**	**0.250**	**0.250**	**0.250**	**0.250**	**0.250**	**0.250**	**0.250**	**0.250**	**0.250**	**0.250**	**0.069**
	SMP-7A-14	0.000	**0.004**	**+0.004**	0.000	**+0.008**	**+0.003**	**0.009**	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	SMP-7A-14A	**+0.002**	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.006**	0.000	0.000	0.000
Bldg 8	SMP-B8-1A	**0.007**	**0.013**	**0.000**	**0.029**	**0.043**	**0.030**	**0.073**	**0.005**	**0.002**	**0.004**	**0.047**	**0.062**	**0.017**	**0.010**	**0.023**	**0.022**
	SMP-B8-2	**0.250**	**0.250**	**0.016**	**0.002**	**0.138**	**0.043**	**0.250**	**0.018**	**0.003**	**0.152**	**0.007**	**0.172**	**0.250**	**0.011**	**0.250**	0.000
	SMP-B8-3	**0.250**	**0.250**	**0.116**	**0.150**	**0.141**	**0.240**	**0.250**	**0.250**	**0.250**	**0.250**	**0.250**	**0.250**	**0.250**	**0.016**	**0.250**	**0.250**
	SMP-B8-4	**0.020**	**0.018**	**0.002**	0.000	**0.003**	**0.003**	**0.250**	**0.017**	0.000	0.000	**0.002**	**0.021**	**0.073**	Point covered	**0.003**	0.000
	SMP-B8-4A	**0.250**	**0.070**	**0.043**	**0.250**	**0.026**	**0.032**	**0.250**	**0.059**	**0.032**	**0.081**	**0.030**	**0.036**	**0.250**	**0.011**	**0.039**	**0.065**
	SMP-B8-7	0.000	0.000	0.000	0.000	0.000	0.000	**0.016**	Point covered	**0.002**	0.000	0.000	**0.004**	**0.003**	0.000	0.000	0.000
	SMP-B8-7A	**0.250**	**0.250**	**0.250**	**0.250**	**0.182**	**0.075**	**0.250**	**0.250**	**0.250**	**0.112**	**0.250**	**0.138**	**0.250**	**0.138**	**0.250**	0.000
	SMP-B8-9	**0.030**	**0.020**	**0.019**	**0.024**	**0.011**	**0.010**	**0.028**	**0.017**	**0.009**	**0.032**	0.000	**0.018**	**0.027**	**0.028**	**0.016**	**0.010**
	SMP-B8-9A	0.000	**0.002**	**0.007**	0.000	**0.007**	**0.004**	**0.002**	**0.007**	**0.007**	**0.002**	0.000	**0.001**	0.000	**0.026**	**0.003**	**0.005**
	SMP-B8-10	**0.005**	**0.002**	0.000	**0.002**	0.000	0.000	**0.250**	0.000	**0.176**	0.000	0.000	0.000	**0.003**	0.000	0.000	0.000
	SMP-B8-10A	0.000	**0.250**	**0.250**	0.000	0.000	**0.034**	**0.250**	**0.025**	**0.002**	0.000	0.000	0.000	**0.250**	0.000	**0.214**	NM
	SMP-B8-11	0.000	0.000	**0.003**	0.000	0.000	0.000	**0.003**	0.000	0.000	**0.009**	**0.003**	0.000	**0.004**	0.000	0.000	0.000
	SMP-B8-13A	**0.250**	**0.250**	**0.250**	**0.250**	**0.250**	**0.250**	**0.023**	**0.250**	**0.250**	**0.250**	**0.250**	**0.250**	**0.250**	**0.250**	**0.250**	**0.235**

Notes

1. SMP - permanent sub-slab monitoring point
2. ***0.0001*** indcates vacuum response but below 0.001 inches water column
3. **+0.001** indicates postive pressure reading
4. Point covered or inaccessible during site review, no reading was collected
5. Point temporarily removed due to construction work and concrete floor removal and replacement in Bldg 7W High Bay Area
6. Point sealed to due to construction work in Bldg 7W High Bay Area and new interior production vehicle traffic patterns
7. NM indicates Not Measured

FIGURES



NOTES

1. THE BACKGROUND AND SITE FEATURES SHOWN IN THIS FIGURE ARE BASED ON FIGURE 2 CONTAINED IN THE SITE MANAGEMENT PLAN (NOVEMBER 2016).
2. OUTDOOR AIR (OA) SAMPLING LOCATIONS WITH SAMPLE ID AND DATE COLLECTED DURING THE 3/18/25 - 4/1/25 SUB-SLAB DEPRESSURIZATION SYSTEM PERFORMANCE SAMPLING EVENT.
3. PREDOMINANT WIND DIRECTION OBSERVED DURING THE OA SAMPLING.

N

0 400 800

SCALE IN FEET

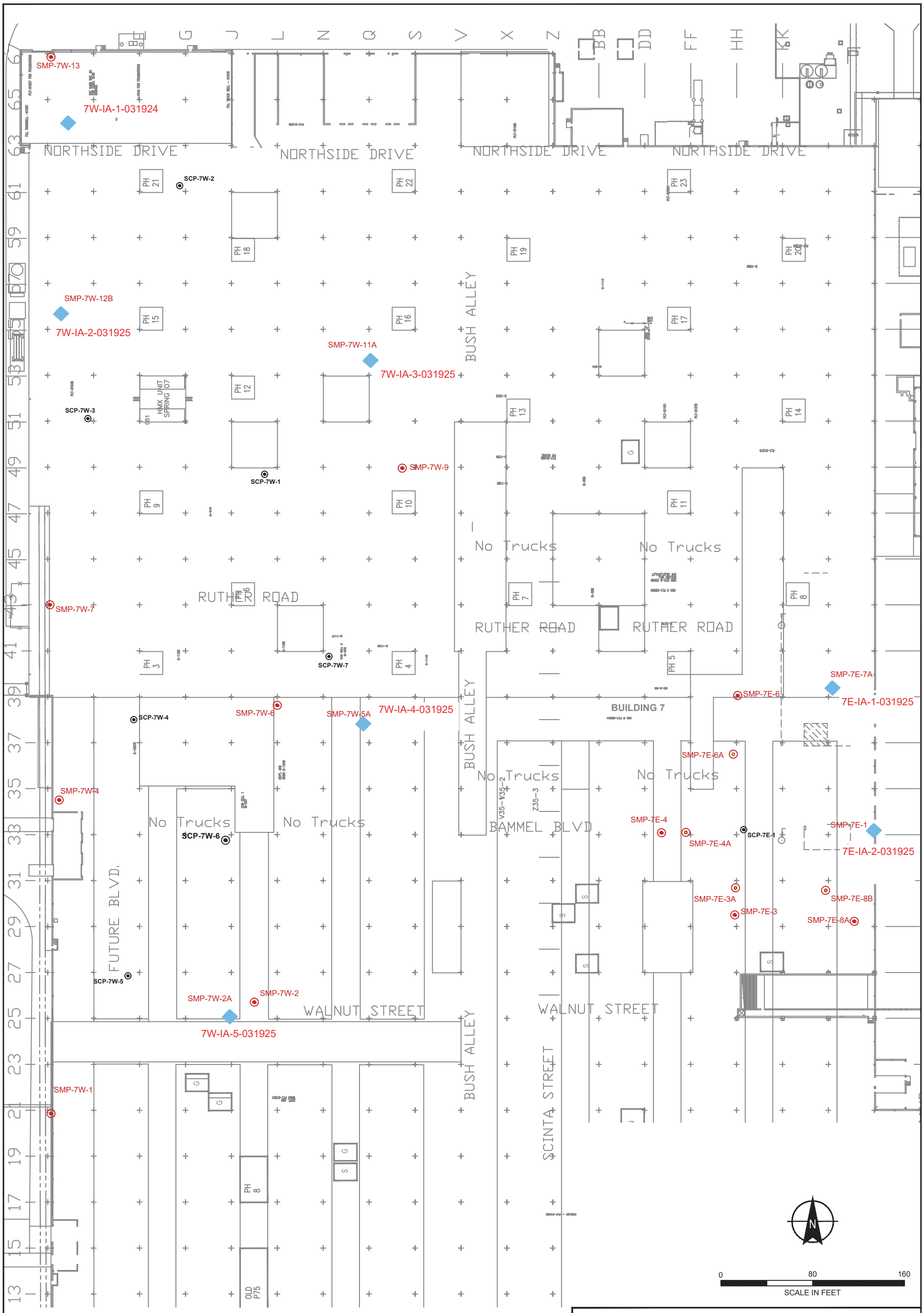
HALEY ALDRICH

GM COMPONENTS HOLDINGS, LLC
LOCKPORT FACILITY
200 UPPER MOUNTAIN ROAD LOCKPORT, NEW YORK

OUTDOOR AIR SAMPLING LOCATIONS - MARCH 2018

SCALE: AS SHOWN
AUGUST 2025

FIGURE 1



LEGEND

7W-IA-1-2018 INDOOR AIR SAMPLE LOCATION SAMPLES

SMP-7W-1 SUB-SLAB MONITORING POINT

SCP-7W-1 SUB-SLAB SUCTION PIT

NOTE

ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.

HALEY ALDRICH

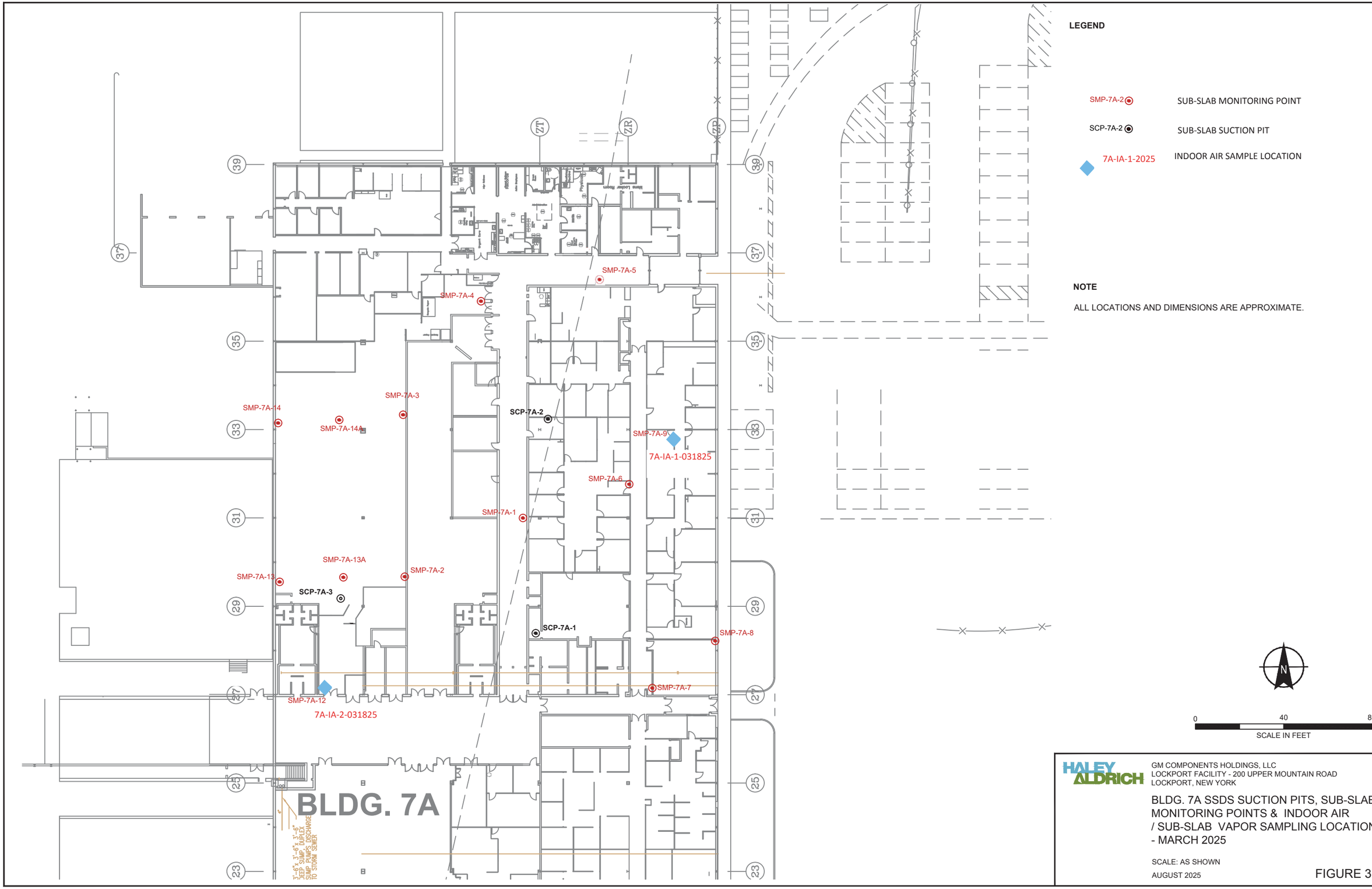
GM COMPONENTS HOLDINGS, LLC
LOCKPORT FACILITY - 200 UPPER MOUNTAIN ROAD
LOCKPORT, NEW YORK

BLDG. 7 - SSDS SUCTION PITS, SUB-SLAB MONITORING POINTS & INDOOR AIR / SUB-SLAB VAPOR SAMPLING LOCATIONS - MARCH 2025

SCALE: AS SHOWN

AUGUST 2025

FIGURE 2



HALEY ALDRICH

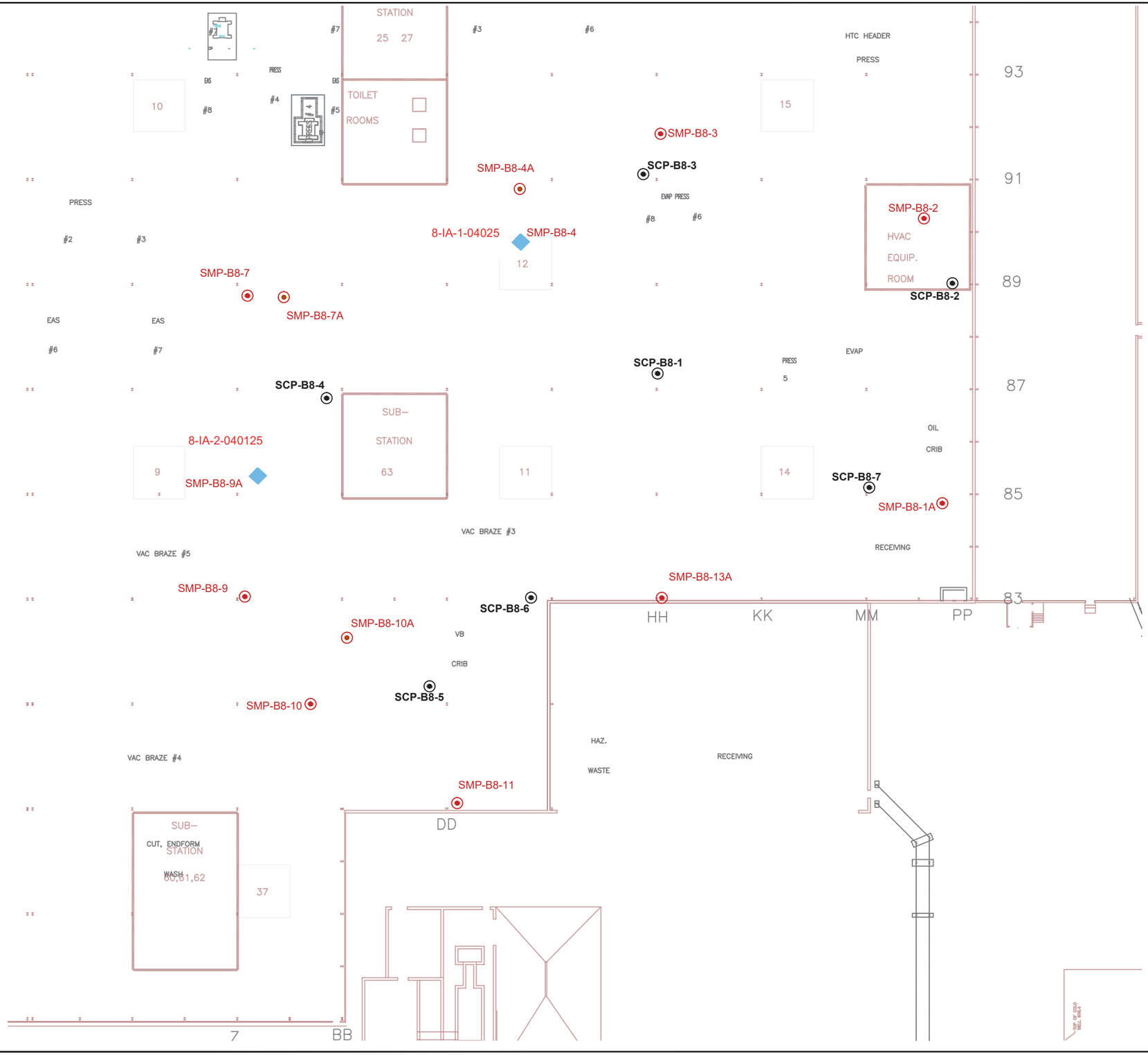
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LOCKPORT, NEW YORK

BLDG. 7A SSDS SUCTION PITS, SUB-SLAB MONITORING POINTS & INDOOR AIR / SUB-SLAB VAPOR SAMPLING LOCATIONS - MARCH 2025

SCALE: AS SHOWN

AUGUST 2025

FIGURE 3



LEGEND

SMP-B8-11 SUB-SLAB MONITORING POINT

SCP-B8-5 SUB SLAB SUCTION PIT

8-IA-1-2018 INDOOR AIR SAMPLE LOCATION

N

0 40 80

SCALE IN FEET

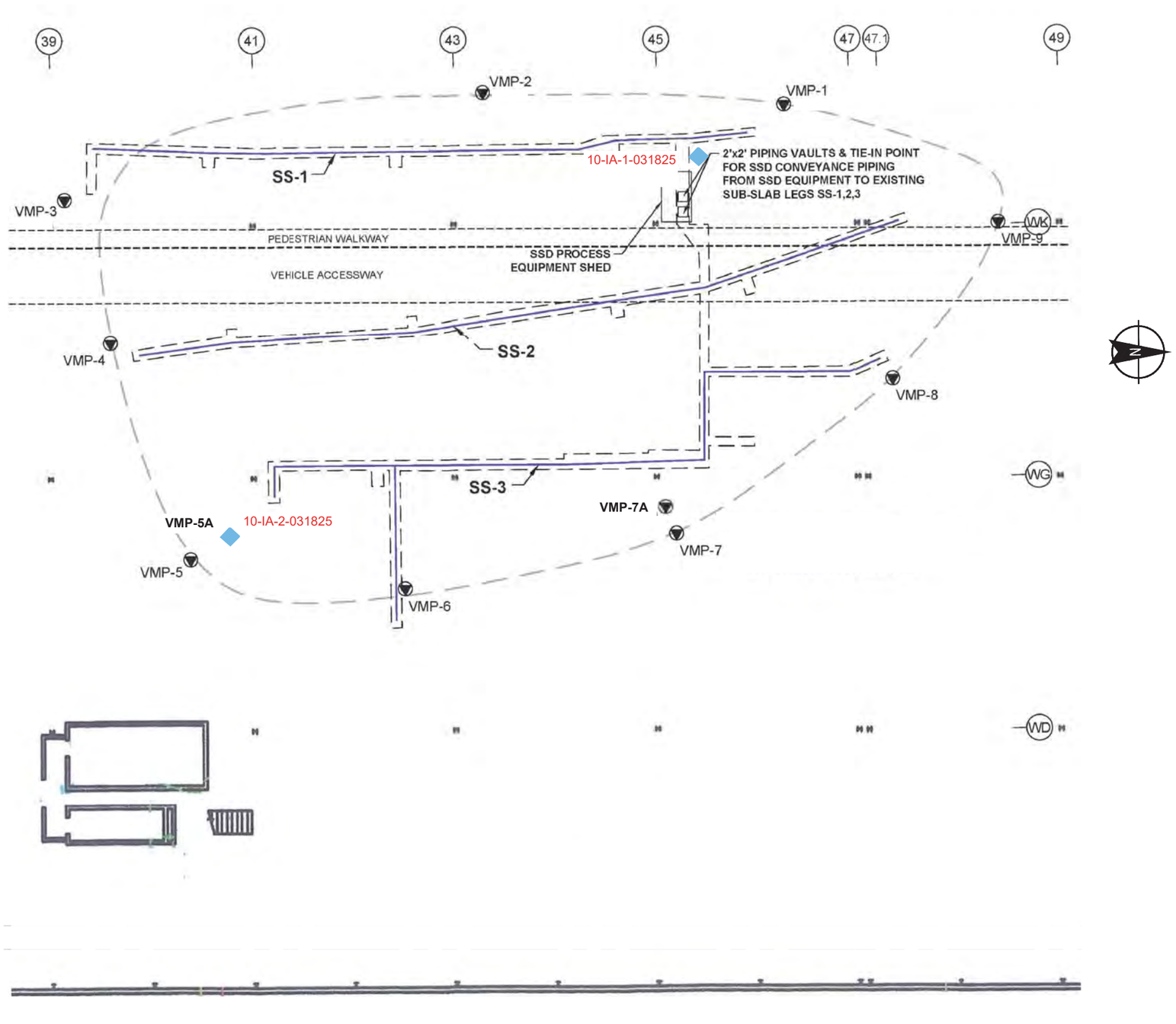
HALEY ALDRICH

GM COMPONENTS HOLDINGS, LLC
LOCKPORT FACILITY - 200 UPPER MOUNTAIN ROAD
LOCKPORT, NEW YORK

BLDG. 8 - SSDS SUCTION PITS, SUB-SLAB MONITORING POINTS & INDOOR AIR & SUB-SLAB VAPOR SAMPLING LOCATIONS - MARCH 2025

SCALE: AS SHOWN
AUGUST 2025

FIGURE 4



LEGEND

APPROXIMATE LOCATION OF TRENCHES INSTALLED BENEATH CONCRETE SLAB FOR FORMER SVE AND CURRENT SSD PIPING

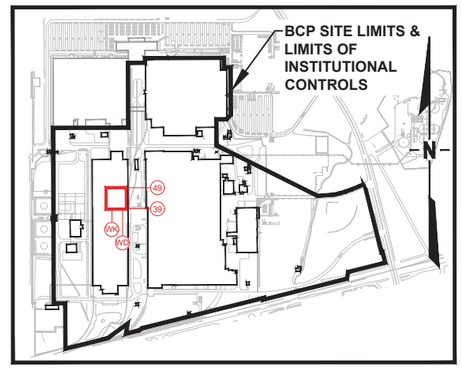
SS-1 SUB-SLAB LEG-1

VMP-1 APPROXIMATE LOCATION AND DESIGNATION OF VACUUM MONITORING POINT

10-IA-1-031825
OA-1-031825 INDOOR AIR SAMPLE LOCATION OR EXTERIOR AMBIENT AIR SAMPLE LOCATION

NOTES

1. THIS FIGURE IS BASED ON A PDF IMAGE ENTITLED "BUILDING 10 SSD SYSTEM OPERATION MAINTENANCE AND MONITORING PLAN" DATED AUGUST 2015 FROM GZA GEOENVIRONMENTAL OF N.Y.
2. THE SIZE AND LOCATION OF EXISTING SITE FEATURES SHOULD BE CONSIDERED APPROXIMATE.



SITE KEY
NOT TO SCALE

0 24 48
SCALE IN FEET

HALEY ALDRICH

GM COMPONENTS HOLDINGS, LLC
LOCKPORT FACILITY
200 UPPER MOUNTAIN ROAD
LOCKPORT, NEW YORK

BUILDING 10 - INDOOR AIR SAMPLING LOCATIONS

SCALE: AS SHOWN
AUGUST 2025

FIGURE 5

APPENDIX A
2025 Projected SSDS Emissions Summary

HALEY ALDRICH

Air Guide -1 Review
Area Source Method - SSDS Operations - 23 April 2024 - 22 April 2025
GMCH - Lockport Facility - BCP Site No. 932138

Bldg No: 7, 7A, 8
Project No.: 127784-009

s - Bldg side length (ft) - Bldg 7A 500 (Assumes area source is a square)

Contaminant	Q (lb/hr)	Q_a (lb/yr)	C_a (mg/m^3)	C_p (mg/m^3)	AGC (mg/m^3)	C_{st} (mg/m^3)	SGC (mg/m^3)
Bldg 7W SCP-1							
tetrachloroethene	0.0002	2.1	0.002	0.002	4.0	0.06	300
trichloroethene	0.0001	0.6	0.001	0.001	0.2	0.02	20

s - Bldg side length (ft) - Bldg 7 600 (Assumes 600 ft for conservative value) (Bldg is ~600' x1200')

Bldg 7W SCP-3							
cis, 1-2 dichloroethene	0.00000	0.009	0.000007	0.000007	63.0	0.0002	NGV
tetrachloroethene	0.00034	3.0	0.0023	0.0023	4.0	0.06	300
trichloroethene	0.00001	0.1	0.0001	0.0001	0.2	0.00	20

s - Bldg side length (ft) - Bldg 8 600 (Assumes area source is a square)

Bldg 8 SCP-3							
cis, 1-2 dichloroethene	0.00029	2.54	0.0019	0.0019	63.0	0.05	NGV
trichloroethene	0.003	27.07	0.02	0.02	0.2	0.52	20
vinyl chloride	0.00010	0.85	0.0006	0.0006	0.11	0.02	180000

Assumptions
Method used to determine the maximum overall actual annual, potential annual, and short term impacts from an area source.

Calculations
Maximum Actual Annual Impact (C_a): C_a (mg/m^3) = $(76.6*Q_a)/(s^{1.8})$
Maximum Potential Annual Impact (C_p): C_p (mg/m^3) = $(670600*Q)/(s^{1.8})$
Maximum Short Term Impact (C_{st}): C_{st} (mg/m^3) = C_p * 25

Q: Hourly Emissions (lbs/hr)
Q_a: Annual Emissions Rate (lbs/yr)
s: Building Side Dimension (feet)
SGC: Short-Term Guidance Concentrations - Guidance Values - July 2016
AGC: Annual Guidance Concentrations - Guidance Valves - July 2016
NGV: No Guidance Value
mg/m^3 micro-grams per cubic meter

Sub-Slab Depressurization System - Potential Annual Emissions 2025
GMCH Lockport - BCP Site No. 932138
SSDS Blower Effluent Samples Collected: 3/17/25
SSDS Operations - 23 April 2024 - 22 April 2025

Suction Pit / System Location	Analyte	Vapor Phase Concentration (mg/m3) ***A***	Vapor Flow Rate (CFM) ***B***	HAPs Potential to Emit (lb/yr) ***C***	HAPs Potential to Emit (ton/yr) ***D***	Field PID Reading (PPM)
Bldg 7W SCP-1	Tetrachloroethene*	0.87	75	2.1	0.0011	6.8
	Trichloroethene*	0.23		0.6	0.0003	
	Total HAPs	1.1		2.7	0.0014	
Bldg 7W SCP-3	cis-1,2-Dichloroethene	0.0047	60	0.009	0.0000	6.9
	Trichloroethene*	0.045		0.1	0.0000	
	Tetrachloroethene*	1.5		3.0	0.0015	
	Total HAPs	1.5497		3.1	0.0015	
Bldg 8 SCP-3	cis-1,2-Dichloroethene	3.10	25	2.5	0.0013	15.8
	Trichloroethene*	33		27.1	0.0135	
	Vinyl chloride*	0.097		0.85	0.0004	
	Total HAPs	36.20		29.7	0.015	

* - hazardous air pollutant (HAP)

Conversion equation:

$$\boldsymbol{A}\,\frac{mg}{m^3} \times \frac{1\ lb}{453{,}592.37\ mg} \times \boldsymbol{B}\,\frac{ft^3}{min} \times \frac{m^3}{35.31\ ft^3} \times \frac{525{,}600\ min}{1\ yr} = \boldsymbol{C}\,\frac{lb}{yr}$$

Location	Suction Pit Number	Flow (SCFM)	PID (PPMV)	PTE Lb/yr	PTE tons/yr
Bldg 7W	2	50	3.1	5.1	0.0025
	4	60	5.2	10.2	0.0051
	5	40	6.0	7.9	0.0039
	6	48	5.3	8.3	0.0042
	7	40	2.5	3.3	0.0016
Bldg 7E	1	75	1.4	3.4	0.0017
Bldg 7A	1 and 3	25	0.3	0.2	0.0001
	2	25	0.1	0.1	0.0000
Bldg 8	1	75	0.1	0.2	0.0001
	2	40	0.1	0.1	0.0001
	4	115	0.9	3.4	0.0017
	5	25	0.4	0.3	0.0002
	6	48	1.8	2.8	0.0014
	7	27	0.1	0.1	0.0000

Total Lb/yr	**45.6**
Total PTE tons/yr	**0.023**

HAPs Potential to Emit(ton/yr)D Updated projection	
Bldg 7W SCP-1	0.001
Bldg 7W SCP-3	0.002
Bldg 8 SCP-3	0.015
Remaining 14 Units in Bldg 7,7A,8****	0.023
Bldg 10 SSD	0.000
TOTAL ESTIMATED PTE	**0.0405**

(**** calculated highest blower flow rates and PID readings estimated to equal mg/m3, during data collection period)

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ANALYTICAL REPORT

PREPARED FOR

Attn: Christopher Arcuri
GHD Services Inc.
2055 Niagara Falls Blvd., Suite 3
Niagara Falls, New York 14304

Generated 4/14/2025 10:20:01 AM

JOB DESCRIPTION

12616852, GM-Lockport Air 256042

JOB NUMBER

480-227934-1

Eurofins Buffalo
10 Hazelwood Drive
Amherst NY 14228-2298

See page two for job notes and contact information.

myEOL

Job Notes

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Authorization



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Table of Contents

Cover Page 1
Table of Contents 3
Definitions/Glossary 4
Case Narrative 5
Detection Summary 6
Client Sample Results 7
Surrogate Summary 9
QC Sample Results 10
QC Association Summary 11
Lab Chronicle 12
Certification Summary 13
Method Summary 14
Sample Summary 15
Chain of Custody 16
Receipt Checklists 18
Air Canister Dilution 19

Definitions/Glossary

Client: GHD Services Inc.
Job ID: 480-227934-1
Project/Site: 12616852, GM-Lockport Air 256042

Qualifiers

Air - 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.

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

Job ID: 480-227934-1 Eurofins Buffalo

Job Narrative
480-227934-1

Receipt
The samples were received on 3/18/2025 10:15 AM. Unless otherwise noted below, the samples arrived in good condition.

Air - GC/MS VOA
Method Air Transfer: The following samples were received in air sample bags: 7W-1-031725 (480-227934-1), 7W-3-031725 (480-227934-2) and 8-3-031725 (480-227934-3). In order to extend the holding times, these samples were transferred from the air sample bags into Summa canisters.

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

Detection Summary

Client: GHD Services Inc.
Project/Site: 12616852, GM-Lockport Air 256042

Job ID: 480-227934-1

Client Sample ID: 7W-1-031725 — Lab Sample ID: 480-227934-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	8.0	J	16	2.0	ug/m3	31.22		TO-14A	Total/NA
Methylene Chloride	75		69	60	ug/m3	31.22		TO-14A	Total/NA
Tetrachloroethene	870		27	3.9	ug/m3	31.22		TO-14A	Total/NA
Trichloroethene	23		21	3.5	ug/m3	31.22		TO-14A	Total/NA
1,2-Dichloroethene, Total	8.0	J	32	2.0	ug/m3	31.22		TO-14A	Total/NA

Client Sample ID: 7W-3-031725 — Lab Sample ID: 480-227934-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	4.7	J	17	2.1	ug/m3	42.45		TO-14A	Total/NA
Methylene Chloride	84		74	63	ug/m3	42.45		TO-14A	Total/NA
Tetrachloroethene	1500		29	4.2	ug/m3	42.45		TO-14A	Total/NA
Trichloroethene	45		23	3.8	ug/m3	42.45		TO-14A	Total/NA
1,2-Dichloroethene, Total	4.7	J	34	2.1	ug/m3	42.45		TO-14A	Total/NA

Client Sample ID: 8-3-031725 — Lab Sample ID: 480-227934-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	3100		460	58	ug/m3	731.97		TO-14A	Total/NA
Trichloroethene	33000		630	100	ug/m3	731.97		TO-14A	Total/NA
1,2-Dichloroethene, Total	3100		930	58	ug/m3	731.97		TO-14A	Total/NA

This Detection Summary does not include radiochemical test results.

Client: GHD Services Inc.
Project/Site: 12616852, GM-Lockport Air 256042

Job ID: 480-227934-1

Client Sample ID: 7W-1-031725

Lab Sample ID: 480-227934-1

Date Collected: 03/17/25 12:55
Matrix: Air
Date Received: 03/18/25 10:15
Sample Container: Tedlar Bag 1L

Method: EPA-21 TO-14A - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		22	16	ug/m3		03/18/25 12:43	04/02/25 09:11	31.22
1,1-Dichloroethane	ND		16	2.2	ug/m3		03/18/25 12:43	04/02/25 09:11	31.22
1,1-Dichloroethene	ND		16	2.5	ug/m3		03/18/25 12:43	04/02/25 09:11	31.22
1,2-Dichloroethane	ND		16	3.1	ug/m3		03/18/25 12:43	04/02/25 09:11	31.22
Benzene	ND		13	2.1	ug/m3		03/18/25 12:43	04/02/25 09:11	31.22
Carbon tetrachloride	ND		25	4.0	ug/m3		03/18/25 12:43	04/02/25 09:11	31.22
Chloroform	ND		20	3.5	ug/m3		03/18/25 12:43	04/02/25 09:11	31.22
cis-1,2-Dichloroethene	**8.0**	**J**	16	2.0	ug/m3		03/18/25 12:43	04/02/25 09:11	31.22
Methylene Chloride	**75**		69	60	ug/m3		03/18/25 12:43	04/02/25 09:11	31.22
Tetrachloroethene	**870**		27	3.9	ug/m3		03/18/25 12:43	04/02/25 09:11	31.22
trans-1,2-Dichloroethene	ND		16	2.6	ug/m3		03/18/25 12:43	04/02/25 09:11	31.22
Trichloroethene	**23**		21	3.5	ug/m3		03/18/25 12:43	04/02/25 09:11	31.22
Vinyl chloride	ND		20	3.3	ug/m3		03/18/25 12:43	04/02/25 09:11	31.22
1,2-Dichloroethene, Total	**8.0**	**J**	32	2.0	ug/m3		03/18/25 12:43	04/02/25 09:11	31.22

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*60 - 140*	*03/18/25 12:43*	*04/02/25 09:11*	*31.22*

Client Sample ID: 7W-3-031725

Lab Sample ID: 480-227934-2

Date Collected: 03/17/25 13:00
Matrix: Air
Date Received: 03/18/25 10:15
Sample Container: Tedlar Bag 1L

Method: EPA-21 TO-14A - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		23	17	ug/m3		03/18/25 12:43	04/01/25 18:20	42.45
1,1-Dichloroethane	ND		17	2.3	ug/m3		03/18/25 12:43	04/01/25 18:20	42.45
1,1-Dichloroethene	ND		17	2.7	ug/m3		03/18/25 12:43	04/01/25 18:20	42.45
1,2-Dichloroethane	ND		17	3.3	ug/m3		03/18/25 12:43	04/01/25 18:20	42.45
Benzene	ND		14	2.2	ug/m3		03/18/25 12:43	04/01/25 18:20	42.45
Carbon tetrachloride	ND		27	4.3	ug/m3		03/18/25 12:43	04/01/25 18:20	42.45
Chloroform	ND		21	3.7	ug/m3		03/18/25 12:43	04/01/25 18:20	42.45
cis-1,2-Dichloroethene	**4.7**	**J**	17	2.1	ug/m3		03/18/25 12:43	04/01/25 18:20	42.45
Methylene Chloride	**84**		74	63	ug/m3		03/18/25 12:43	04/01/25 18:20	42.45
Tetrachloroethene	**1500**		29	4.2	ug/m3		03/18/25 12:43	04/01/25 18:20	42.45
trans-1,2-Dichloroethene	ND		17	2.8	ug/m3		03/18/25 12:43	04/01/25 18:20	42.45
Trichloroethene	**45**		23	3.8	ug/m3		03/18/25 12:43	04/01/25 18:20	42.45
Vinyl chloride	ND		22	3.5	ug/m3		03/18/25 12:43	04/01/25 18:20	42.45
1,2-Dichloroethene, Total	**4.7**	**J**	34	2.1	ug/m3		03/18/25 12:43	04/01/25 18:20	42.45

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*60 - 140*	*03/18/25 12:43*	*04/01/25 18:20*	*42.45*

Client Sample Results

Client: GHD Services Inc.
Job ID: 480-227934-1
Project/Site: 12616852, GM-Lockport Air 256042

Client Sample ID: 8-3-031725
Lab Sample ID: 480-227934-3

Date Collected: 03/17/25 10:35
Matrix: Air
Date Received: 03/18/25 10:15
Sample Container: Tedlar Bag 1L

Method: EPA-21 TO-14A - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		640	480	ug/m3		03/18/25 12:43	04/01/25 19:08	731.97
1,1-Dichloroethane	ND		470	64	ug/m3		03/18/25 12:43	04/01/25 19:08	731.97
1,1-Dichloroethene	ND		460	74	ug/m3		03/18/25 12:43	04/01/25 19:08	731.97
1,2-Dichloroethane	ND		470	90	ug/m3		03/18/25 12:43	04/01/25 19:08	731.97
Benzene	ND		370	62	ug/m3		03/18/25 12:43	04/01/25 19:08	731.97
Carbon tetrachloride	ND		740	120	ug/m3		03/18/25 12:43	04/01/25 19:08	731.97
Chloroform	ND		570	100	ug/m3		03/18/25 12:43	04/01/25 19:08	731.97
cis-1,2-Dichloroethene	**3100**		460	58	ug/m3		03/18/25 12:43	04/01/25 19:08	731.97
Methylene Chloride	ND		2000	1700	ug/m3		03/18/25 12:43	04/01/25 19:08	731.97
Tetrachloroethene	ND		790	120	ug/m3		03/18/25 12:43	04/01/25 19:08	731.97
trans-1,2-Dichloroethene	ND		460	77	ug/m3		03/18/25 12:43	04/01/25 19:08	731.97
Trichloroethene	**33000**		630	100	ug/m3		03/18/25 12:43	04/01/25 19:08	731.97
Vinyl chloride	ND		600	97	ug/m3		03/18/25 12:43	04/01/25 19:08	731.97
1,2-Dichloroethene, Total	**3100**		930	58	ug/m3		03/18/25 12:43	04/01/25 19:08	731.97

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*60 - 140*	*03/18/25 12:43*	*04/01/25 19:08*	*731.97*

Surrogate Summary

Client: GHD Services Inc.
Project/Site: 12616852, GM-Lockport Air 256042

Job ID: 480-227934-1

Method: TO-14A - Volatile Organic Compounds in Ambient Air

Matrix: Air

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)								
		BFB								
Lab Sample ID	Client Sample ID	(60-140)								
480-227934-1	7W-1-031725	93								
480-227934-2	7W-3-031725	93								
480-227934-3	8-3-031725	96								
LCS 140-97744/1002	Lab Control Sample	103								
MB 140-97744/4	Method Blank	96								

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

Method: TO-14A - Volatile Organic Compounds in Ambient Air

Lab Sample ID: MB 140-97744/4
Matrix: Air
Analysis Batch: 97744

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-Trichloroethane	ND		1.1	0.82	ug/m3			04/01/25 13:45	1
1,1-Dichloroethane	ND		0.81	0.11	ug/m3			04/01/25 13:45	1
1,1-Dichloroethene	ND		0.79	0.13	ug/m3			04/01/25 13:45	1
1,2-Dichloroethane	ND		0.81	0.15	ug/m3			04/01/25 13:45	1
Benzene	ND		0.64	0.11	ug/m3			04/01/25 13:45	1
Carbon tetrachloride	ND		1.3	0.20	ug/m3			04/01/25 13:45	1
Chloroform	ND		0.98	0.18	ug/m3			04/01/25 13:45	1
cis-1,2-Dichloroethene	ND		0.79	0.099	ug/m3			04/01/25 13:45	1
Methylene Chloride	ND		3.5	3.0	ug/m3			04/01/25 13:45	1
Tetrachloroethene	ND		1.4	0.20	ug/m3			04/01/25 13:45	1
trans-1,2-Dichloroethene	ND		0.79	0.13	ug/m3			04/01/25 13:45	1
Trichloroethene	ND		1.1	0.18	ug/m3			04/01/25 13:45	1
Vinyl chloride	ND		1.0	0.17	ug/m3			04/01/25 13:45	1
1,2-Dichloroethene, Total	ND		1.6	0.099	ug/m3			04/01/25 13:45	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*60 - 140*		*04/01/25 13:45*	*1*

Lab Sample ID: LCS 140-97744/1002
Matrix: Air
Analysis Batch: 97744

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-Trichloroethane	10.9	8.50		ug/m3		78	70 - 130
1,1-Dichloroethane	8.09	6.76		ug/m3		84	70 - 130
1,1-Dichloroethene	7.93	7.16		ug/m3		90	70 - 130
1,2-Dichloroethane	8.09	6.00		ug/m3		74	70 - 130
Benzene	6.39	6.08		ug/m3		95	70 - 130
Carbon tetrachloride	12.6	11.3		ug/m3		90	70 - 130
Chloroform	9.77	7.96		ug/m3		81	70 - 130
cis-1,2-Dichloroethene	7.93	7.32		ug/m3		92	70 - 130
Methylene Chloride	6.95	6.42		ug/m3		92	70 - 130
Tetrachloroethene	13.6	11.7		ug/m3		86	70 - 130
trans-1,2-Dichloroethene	7.93	7.37		ug/m3		93	70 - 130
Trichloroethene	10.7	9.62		ug/m3		89	70 - 130
Vinyl chloride	5.11	3.85		ug/m3		75	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*60 - 140*

QC Association Summary

Client: GHD Services Inc.
Job ID: 480-227934-1
Project/Site: 12616852, GM-Lockport Air 256042

Air - GC/MS VOA

Prep Batch: 97382

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-227934-1	7W-1-031725	Total/NA	Air	Air Transfer	
480-227934-2	7W-3-031725	Total/NA	Air	Air Transfer	
480-227934-3	8-3-031725	Total/NA	Air	Air Transfer	

Analysis Batch: 97744

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-227934-1	7W-1-031725	Total/NA	Air	TO-14A	97382
480-227934-2	7W-3-031725	Total/NA	Air	TO-14A	97382
480-227934-3	8-3-031725	Total/NA	Air	TO-14A	97382
MB 140-97744/4	Method Blank	Total/NA	Air	TO-14A	
LCS 140-97744/1002	Lab Control Sample	Total/NA	Air	TO-14A	

Lab Chronicle

Client: GHD Services Inc.
Job ID: 480-227934-1
Project/Site: 12616852, GM-Lockport Air 256042

Client Sample ID: 7W-1-031725
Lab Sample ID: 480-227934-1
Date Collected: 03/17/25 12:55
Matrix: Air
Date Received: 03/18/25 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	Air Transfer			97382	AMN	EET KNX	03/18/25 12:43
Total/NA	Analysis	TO-14A		31.22	97744	S1K	EET KNX	04/02/25 09:11

Client Sample ID: 7W-3-031725
Lab Sample ID: 480-227934-2
Date Collected: 03/17/25 13:00
Matrix: Air
Date Received: 03/18/25 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	Air Transfer			97382	AMN	EET KNX	03/18/25 12:43
Total/NA	Analysis	TO-14A		42.45	97744	S1K	EET KNX	04/01/25 18:20

Client Sample ID: 8-3-031725
Lab Sample ID: 480-227934-3
Date Collected: 03/17/25 10:35
Matrix: Air
Date Received: 03/18/25 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	Air Transfer			97382	AMN	EET KNX	03/18/25 12:43
Total/NA	Analysis	TO-14A		731.97	97744	S1K	EET KNX	04/01/25 19:08

Laboratory References:

EET KNX = Eurofins Knoxville, 5815 Middlebrook Pike, Knoxville, TN 37921, TEL (865)291-3000

Accreditation/Certification Summary

Client: GHD Services Inc.
Job ID: 480-227934-1
Project/Site: 12616852, GM-Lockport Air 256042

Laboratory: Eurofins Knoxville

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10781	04-01-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
TO-14A	Air Transfer	Air	1,2-Dichloroethene, Total
TO-14A	Air Transfer	Air	trans-1,2-Dichloroethene

Method Summary

Client: GHD Services Inc.
Job ID: 480-227934-1
Project/Site: 12616852, GM-Lockport Air 256042

Method	Method Description	Protocol	Laboratory
TO-14A	Volatile Organic Compounds in Ambient Air	EPA-21	EET KNX
Air Transfer	Transfer Air Matrix to Summa Canister	None	EET KNX

Protocol References:

EPA-21 = "Compendium Of Methods For The Determination Of Toxic Organic Compounds In Ambient Air", Second Edition, EPA/625/R-96/010B, January 1999
None = None

Laboratory References:

EET KNX = Eurofins Knoxville, 5815 Middlebrook Pike, Knoxville, TN 37921, TEL (865)291-3000

Sample Summary

Client: GHD Services Inc.
Job ID: 480-227934-1
Project/Site: 12616852, GM-Lockport Air 256042

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-227934-1	7W-1-031725	Air	03/17/25 12:55	03/18/25 10:15
480-227934-2	7W-3-031725	Air	03/17/25 13:00	03/18/25 10:15
480-227934-3	8-3-031725	Air	03/17/25 10:35	03/18/25 10:15

Eurofins Knoxville
5815 Middlebrook Pike
Knoxville, TN 37921
Phone: 865-291-3000 Fax: 865-584-4315

Chain of Custody Record

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Client Information	Sampler: Morgan Brown	Lab PM: Heckler, Denise D	Carrier Tracking No(s):	COC No: 480-203100-31731.1
Client Contact: Mr. Thomas Bohlen	Phone: 716 803 5717	E-Mail: Denise.Heckler@et.eurofinsus.com	State of Origin:	Page: Page 1 of 1
Company: GZA GeoEnvironmental, Inc.	PWSID:			Job #: 21.0058546.20 T8
Address: 300 Pearl St. Suite 700	Due Date Requested:			
City: Buffalo	TAT Requested (days):			
State, Zip: NY, 14202	Compliance Project: Δ Yes Δ No			
Phone: 717-585-6408(Tel)	PO #: Purchase Order Requested			
Email: thomas.bohlen@gza.com	WO #: 12616852			
Project Name: 058507, GM-Lockport Air Samples	Project #: 48009685			
Site:	SSOW#:			

Analysis Requested

Preservation Codes: N - None

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	TO_14A - VOCs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N		
TW-1-031725	3/17/25	1255	G	Air			X		
TW-3-031725	1	1300	1	Air			X		
8-3-031725	1	1035	1	Air			X		
				Air					
No Custody Seal				Air					
Received Ambient				Air					
OH 3/18/25									
1Box FedEx 4328 9526 4667 PO									

480-227934 Chain of Custody

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

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

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

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

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Morgan Brown	3/17/24	GZA		3/18/25 10:15	ETAKNX
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

Ver: 10/10/2024

Loc: 480
227934

EUROFINS KNOXVILLE SAMPLE RECEIPT/CONDITION UPON RECEIPT ANOMALY CHECKLIST Log In Number:

Review Items	Yes	No	NA	If No, what was the problem?
1. Are the shipping containers intact?	✓			☐ Containers, Broken
2. Were ambient air containers received intact?	✓			☐ Checked in lab
3. The coolers/containers custody seal if present, is it intact?			✓	☐ Yes ☐ NA
4. Is the cooler temperature within limits? (> freezing temp. of water to 6 °C, VOST: 10°C) Thermometer ID :_____ Correction factor: _____			✓	☐ Cooler Out of Temp, Client Contacted, Proceed/Cancel ☐ Cooler Out of Temp, Same Day Receipt
5. Were all of the sample containers received intact?	✓			☐ Containers, Broken
6. Were samples received in appropriate containers?	✓			☐ Containers, Improper; Client Contacted; Proceed/Cancel
7. Do sample container labels match COC? (IDs, Dates, Times)	✓			☐ COC & Samples Do Not Match ☐ COC Incorrect/Incomplete ☐ COC Not Received
8. Were all of the samples listed on the COC received?	✓			☐ Sample Received, Not on COC ☐ Sample on COC, Not Received
9. Is the date/time of sample collection noted?	✓			☐ COC; No Date/Time; Client Contacted
10. Was the sampler identified on the COC?	✓			☐ Sampler Not Listed on COC
11. Is the client and project name/# identified?	✓			☐ COC Incorrect/Incomplete
12. Are tests/parameters listed for each sample?	✓			☐ COC No tests on COC
13. Is the matrix of the samples noted?	✓			☐ COC Incorrect/Incomplete
14. Was COC relinquished? (Signed/Dated/Timed)	✓			☐ COC Incorrect/Incomplete
15. Were samples received within holding time?	✓			☐ Holding Time - Receipt
16. Were samples received with correct chemical preservative (excluding Encore)?			✓	☐ pH Adjusted, pH Included (See box 16A) ☐ Incorrect Preservative
17. Were VOA samples received without headspace?			✓	☐ Headspace (VOA only)
18. Did you check for residual chlorine, if necessary? (e.g. 1613B, 1668) Chlorine test strip lot number:			✓	☐ Residual Chlorine
19. For 1613B water samples is pH<9?			✓	☐ If no, notify lab to adjust
20. For rad samples was sample activity info. Provided?			✓	☐ Project missing info

Comments/Actions Taken

Labeling Verified by: **Date:**

pH test strip lot number:

	Box 16A: pH Preservation	Box 18A: Residual Chlorine
Preservative:		
Lot Number:		
Exp Date:		
Analyst:		
Date:		
Time:		

Project #: 48009685 PM Instructions:

Sample Receiving Associate: Dan Hunt Date: 3/18/25

QA026R33.doc, 11/10/23

4/14/2025

Login Sample Receipt Checklist

Client: GHD Services Inc.

Job Number: 480-227934-1

Login Number: 227934
List Number: 2
Creator: Hickson, Deanna A

List Source: Eurofins Buffalo

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

Summa Canister Dilution Worksheet

Client: GHD Services Inc.
Project/Site: 12616852, GM-Lockport Air 256042

Job No.: 480-227934-1

Lab Sample ID	Canister Volume (L)	Preadjusted Pressure ("Hg)	Preadjusted Pressure (atm)	Preadjusted Volume (L)	Adjusted Pressure (psig)	Adjusted Pressure (atm)	Adjusted Volume (L)	Initial Volume (mL)	Dilution Factor	Final Dilution Factor	Pressure Gauge ID	Date	Analyst Initals
480-227934-1	6	0	1.00	6.00	0.6	1.04	6.24	200	31.22	31.22	g5 8251	03/18/25 12:58	AMN
480-227934-2	6	0	1.00	6.00	0.9	1.06	6.37	150	42.45	42.45	g5 10823	03/18/25 13:19	AMN
480-227934-3	6	0	1.00	6.00	12.2	1.83	10.98	15	731.97	731.97	g5 34001672	03/18/25 14:18	AMN

Formulae:

Preadjusted Volume (L) = ((Preadjusted Pressure ("Hg) + 29.92 "Hg) * Vol L) / 29.92 "Hg
Adjusted Volume (L) = ((Adjusted Pressure (psig) + 14.7 psig)* Vol L) / 14.7 psig
Dilution Factor = Adjusted Volume (L) / Preadjusted Volume (L)

Where:

29.92 "Hg = Standard atmospheric pressure in inches of Mercury (“Hg)
14.7 psig = Standard atmospheric pressure in pounds per square inch gauge (psig)

APPENDIX B
2025 Summary of SSDS Performance Sampling Results

HALEY ALDRICH

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ANALYTICAL REPORT

PREPARED FOR

Attn: Christopher Arcuri
GHD Services Inc.
2055 Niagara Falls Blvd., Suite 3
Niagara Falls, New York 14304

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JOB DESCRIPTION

12616852, GM-Lockport Air 256042

JOB NUMBER

480-226507-1

Eurofins Buffalo
10 Hazelwood Drive
Amherst NY 14228-2298

See page two for job notes and contact information.

Job Notes

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

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

Authorization



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Authorized for release by
Denise Heckler, Project Manager II
Denise.Heckler@et.eurofinsus.com
(330)966-9477

Table of Contents

Cover Page 1
Table of Contents 3
Definitions/Glossary 4
Case Narrative 5
Detection Summary 6
Client Sample Results 8
QC Sample Results 17
QC Association Summary 24
Lab Chronicle 25
Certification Summary 26
Method Summary 27
Sample Summary 28
Chain of Custody 29
Receipt Checklists 31
Clean Canister Certification 32
Pre-Ship Certification 32
Clean Canister Data 33

Definitions/Glossary

Client: GHD Services Inc.
Job ID: 480-226507-1
Project/Site: 12616852, GM-Lockport Air 256042

Qualifiers

Air - GC/MS VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
E	Result exceeded calibration range.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

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

Job ID: 480-226507-1 Eurofins Buffalo

Job Narrative
480-226507-1

Receipt
The samples were received on 12/20/2024 11:20 AM. Unless otherwise noted below, the samples arrived in good condition.

Receipt Exceptions
During the canister pressure check performed upon receipt, the following sample was found to be received at ambient pressure: IA-10-2-121824 (480-226507-3). The associated flow controller was evaluated and was found to be outside the acceptable flow range as compared to the original set flow rate.

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

Detection Summary

Client: GHD Services Inc.
Job ID: 480-226507-1
Project/Site: 12616852, GM-Lockport Air 256042

Client Sample ID: OA-10-121824 — Lab Sample ID: 480-226507-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.7		2.5	0.54	ug/m3	1		TO-15	Total/NA
Freon 22	1.3	J	1.8	0.42	ug/m3	1		TO-15	Total/NA
Chloromethane	3.5		1.0	0.31	ug/m3	1		TO-15	Total/NA
n-Butane	3.3		1.2	0.48	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.3		1.1	0.28	ug/m3	1		TO-15	Total/NA
Freon TF	0.51	J	1.5	0.41	ug/m3	1		TO-15	Total/NA
Acetone	8.2	J	12	3.8	ug/m3	1		TO-15	Total/NA
Methylene Chloride	2.3		1.7	0.63	ug/m3	1		TO-15	Total/NA
n-Hexane	0.92	J	1.8	0.39	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone	1.5		1.5	1.4	ug/m3	1		TO-15	Total/NA
Cyclohexane	0.32	J	0.69	0.20	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.20	J	1.3	0.14	ug/m3	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.19	J	0.93	0.18	ug/m3	1		TO-15	Total/NA
Benzene	0.56	J	0.64	0.14	ug/m3	1		TO-15	Total/NA
n-Heptane	0.44	J	0.82	0.23	ug/m3	1		TO-15	Total/NA
Toluene	2.0		0.75	0.23	ug/m3	1		TO-15	Total/NA
m,p-Xylene	0.54	J	2.2	0.41	ug/m3	1		TO-15	Total/NA
Xylene (total)	0.54	J	3.0	0.23	ug/m3	1		TO-15	Total/NA

Client Sample ID: IA-10-1-121824 — Lab Sample ID: 480-226507-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.4	J	2.5	0.54	ug/m3	1		TO-15	Total/NA
Freon 22	2.5		1.8	0.42	ug/m3	1		TO-15	Total/NA
Chloromethane	2.7		1.0	0.31	ug/m3	1		TO-15	Total/NA
n-Butane	5.1		1.2	0.48	ug/m3	1		TO-15	Total/NA
1,3-Butadiene	0.35	J	0.44	0.086	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.2		1.1	0.28	ug/m3	1		TO-15	Total/NA
Freon TF	0.49	J	1.5	0.41	ug/m3	1		TO-15	Total/NA
Acetone	400	E	12	3.8	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	6.5	J	12	3.9	ug/m3	1		TO-15	Total/NA
Carbon disulfide	1.3	J	1.6	0.40	ug/m3	1		TO-15	Total/NA
Methylene Chloride	1.5	J	1.7	0.63	ug/m3	1		TO-15	Total/NA
n-Hexane	240	E	1.8	0.39	ug/m3	1		TO-15	Total/NA
cis-1,2-Dichloroethene	0.84	B	0.79	0.083	ug/m3	1		TO-15	Total/NA
1,2-Dichloroethene, Total	0.84	J B	1.6	0.083	ug/m3	1		TO-15	Total/NA
Cyclohexane	1.3		0.69	0.20	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.41	J	1.3	0.14	ug/m3	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.20	J	0.93	0.18	ug/m3	1		TO-15	Total/NA
Benzene	2.0		0.64	0.14	ug/m3	1		TO-15	Total/NA
n-Heptane	0.67	J	0.82	0.23	ug/m3	1		TO-15	Total/NA
Trichloroethene	0.80	J	1.1	0.13	ug/m3	1		TO-15	Total/NA
1,4-Dioxane	0.79	J	18	0.30	ug/m3	1		TO-15	Total/NA
Toluene	260	E	0.75	0.23	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	7.9		1.4	0.14	ug/m3	1		TO-15	Total/NA
Chlorobenzene	0.81	J	0.92	0.20	ug/m3	1		TO-15	Total/NA
Ethylbenzene	0.42	J	0.87	0.30	ug/m3	1		TO-15	Total/NA
m,p-Xylene	0.92	J	2.2	0.41	ug/m3	1		TO-15	Total/NA
Xylene, o-	0.33	J	0.87	0.27	ug/m3	1		TO-15	Total/NA
Xylene (total)	1.3	J	3.0	0.23	ug/m3	1		TO-15	Total/NA
Styrene	0.28	J	0.85	0.25	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Client Sample ID: IA-10-1-121824 (Continued)
Lab Sample ID: 480-226507-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	0.46	J	0.98	0.39	ug/m3	1		TO-15	Total/NA
n-Butane - DL	6.2	J	12	4.8	ug/m3	10		TO-15	Total/NA
Acetone - DL	500		120	38	ug/m3	10		TO-15	Total/NA
n-Hexane - DL	280		18	3.9	ug/m3	10		TO-15	Total/NA
Benzene - DL	2.3	J	6.4	1.4	ug/m3	10		TO-15	Total/NA
Toluene - DL	280		7.5	2.3	ug/m3	10		TO-15	Total/NA
Tetrachloroethene - DL	7.6	J	14	1.4	ug/m3	10		TO-15	Total/NA

Client Sample ID: IA-10-2-121824
Lab Sample ID: 480-226507-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.5		2.5	0.54	ug/m3	1		TO-15	Total/NA
Freon 22	2.1		1.8	0.42	ug/m3	1		TO-15	Total/NA
Chloromethane	16		1.0	0.31	ug/m3	1		TO-15	Total/NA
n-Butane	6.5		1.2	0.48	ug/m3	1		TO-15	Total/NA
1,3-Butadiene	0.33	J	0.44	0.086	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.4		1.1	0.28	ug/m3	1		TO-15	Total/NA
Freon TF	0.49	J	1.5	0.41	ug/m3	1		TO-15	Total/NA
Acetone	370	E	12	3.8	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	12		12	3.9	ug/m3	1		TO-15	Total/NA
Carbon disulfide	1.6		1.6	0.40	ug/m3	1		TO-15	Total/NA
Methylene Chloride	4.0		1.7	0.63	ug/m3	1		TO-15	Total/NA
n-Hexane	220	E	1.8	0.39	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone	1.8		1.5	1.4	ug/m3	1		TO-15	Total/NA
cis-1,2-Dichloroethene	0.82	B	0.79	0.083	ug/m3	1		TO-15	Total/NA
1,2-Dichloroethene, Total	0.82	J B	1.6	0.083	ug/m3	1		TO-15	Total/NA
Cyclohexane	1.7		0.69	0.20	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.43	J	1.3	0.14	ug/m3	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.44	J	0.93	0.18	ug/m3	1		TO-15	Total/NA
Benzene	2.4		0.64	0.14	ug/m3	1		TO-15	Total/NA
n-Heptane	1.2		0.82	0.23	ug/m3	1		TO-15	Total/NA
Trichloroethene	0.95	J	1.1	0.13	ug/m3	1		TO-15	Total/NA
Toluene	260	E	0.75	0.23	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	9.1		1.4	0.14	ug/m3	1		TO-15	Total/NA
Chlorobenzene	0.61	J	0.92	0.20	ug/m3	1		TO-15	Total/NA
Ethylbenzene	0.91		0.87	0.30	ug/m3	1		TO-15	Total/NA
m,p-Xylene	2.5		2.2	0.41	ug/m3	1		TO-15	Total/NA
Xylene, o-	0.94		0.87	0.27	ug/m3	1		TO-15	Total/NA
Xylene (total)	3.4		3.0	0.23	ug/m3	1		TO-15	Total/NA
Styrene	0.64	J	0.85	0.25	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.74	J	0.98	0.39	ug/m3	1		TO-15	Total/NA
4-Isopropyltoluene	0.76	J	1.1	0.33	ug/m3	1		TO-15	Total/NA
Chloromethane - DL	16		10	3.1	ug/m3	10		TO-15	Total/NA
n-Butane - DL	8.4	J	12	4.8	ug/m3	10		TO-15	Total/NA
Acetone - DL	450		120	38	ug/m3	10		TO-15	Total/NA
n-Hexane - DL	250		18	3.9	ug/m3	10		TO-15	Total/NA
Benzene - DL	2.7	J	6.4	1.4	ug/m3	10		TO-15	Total/NA
Toluene - DL	280		7.5	2.3	ug/m3	10		TO-15	Total/NA
Tetrachloroethene - DL	8.8	J	14	1.4	ug/m3	10		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client: GHD Services Inc.
Project/Site: 12616852, GM-Lockport Air 256042

Job ID: 480-226507-1

Client Sample ID: OA-10-121824
Date Collected: 12/18/24 15:10
Date Received: 12/20/24 11:20
Sample Container: Summa Canister 6L

Lab Sample ID: 480-226507-1
Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.7**		2.5	0.54	ug/m3			01/03/25 14:14	1
Freon 22	**1.3**	**J**	1.8	0.42	ug/m3			01/03/25 14:14	1
1,2-Dichlorotetrafluoroethane	ND		1.4	0.34	ug/m3			01/03/25 14:14	1
Chloromethane	**3.5**		1.0	0.31	ug/m3			01/03/25 14:14	1
n-Butane	**3.3**		1.2	0.48	ug/m3			01/03/25 14:14	1
Vinyl chloride	ND		0.51	0.054	ug/m3			01/03/25 14:14	1
1,3-Butadiene	ND		0.44	0.086	ug/m3			01/03/25 14:14	1
Bromomethane	ND		0.78	0.28	ug/m3			01/03/25 14:14	1
Chloroethane	ND		1.3	0.47	ug/m3			01/03/25 14:14	1
Bromoethene(Vinyl Bromide)	ND		0.87	0.22	ug/m3			01/03/25 14:14	1
Trichlorofluoromethane	**1.3**		1.1	0.28	ug/m3			01/03/25 14:14	1
Freon TF	**0.51**	**J**	1.5	0.41	ug/m3			01/03/25 14:14	1
1,1-Dichloroethene	ND		0.79	0.10	ug/m3			01/03/25 14:14	1
Acetone	**8.2**	**J**	12	3.8	ug/m3			01/03/25 14:14	1
Isopropyl alcohol	ND		12	3.9	ug/m3			01/03/25 14:14	1
Carbon disulfide	ND		1.6	0.40	ug/m3			01/03/25 14:14	1
3-Chloropropene	ND		1.6	0.38	ug/m3			01/03/25 14:14	1
Methylene Chloride	**2.3**		1.7	0.63	ug/m3			01/03/25 14:14	1
tert-Butyl alcohol	ND		15	3.6	ug/m3			01/03/25 14:14	1
Methyl tert-butyl ether	ND		0.72	0.13	ug/m3			01/03/25 14:14	1
trans-1,2-Dichloroethene	ND		0.79	0.091	ug/m3			01/03/25 14:14	1
n-Hexane	**0.92**	**J**	1.8	0.39	ug/m3			01/03/25 14:14	1
1,1-Dichloroethane	ND		0.81	0.10	ug/m3			01/03/25 14:14	1
Methyl Ethyl Ketone	**1.5**		1.5	1.4	ug/m3			01/03/25 14:14	1
cis-1,2-Dichloroethene	ND		0.79	0.083	ug/m3			01/03/25 14:14	1
1,2-Dichloroethene, Total	ND		1.6	0.083	ug/m3			01/03/25 14:14	1
Chloroform	ND		0.98	0.20	ug/m3			01/03/25 14:14	1
Tetrahydrofuran	ND		15	3.8	ug/m3			01/03/25 14:14	1
1,1,1-Trichloroethane	ND		1.1	0.24	ug/m3			01/03/25 14:14	1
Cyclohexane	**0.32**	**J**	0.69	0.20	ug/m3			01/03/25 14:14	1
Carbon tetrachloride	**0.20**	**J**	1.3	0.14	ug/m3			01/03/25 14:14	1
2,2,4-Trimethylpentane	**0.19**	**J**	0.93	0.18	ug/m3			01/03/25 14:14	1
Benzene	**0.56**	**J**	0.64	0.14	ug/m3			01/03/25 14:14	1
1,2-Dichloroethane	ND		0.81	0.38	ug/m3			01/03/25 14:14	1
n-Heptane	**0.44**	**J**	0.82	0.23	ug/m3			01/03/25 14:14	1
Trichloroethene	ND		1.1	0.13	ug/m3			01/03/25 14:14	1
Methyl methacrylate	ND		2.0	0.57	ug/m3			01/03/25 14:14	1
1,2-Dichloropropane	ND		0.92	0.43	ug/m3			01/03/25 14:14	1
1,4-Dioxane	ND		18	0.30	ug/m3			01/03/25 14:14	1
Bromodichloromethane	ND		1.3	0.34	ug/m3			01/03/25 14:14	1
cis-1,3-Dichloropropene	ND		0.91	0.20	ug/m3			01/03/25 14:14	1
methyl isobutyl ketone	ND		2.0	0.53	ug/m3			01/03/25 14:14	1
Toluene	**2.0**		0.75	0.23	ug/m3			01/03/25 14:14	1
trans-1,3-Dichloropropene	ND		0.91	0.25	ug/m3			01/03/25 14:14	1
1,1,2-Trichloroethane	ND		1.1	0.40	ug/m3			01/03/25 14:14	1
Tetrachloroethene	ND		1.4	0.14	ug/m3			01/03/25 14:14	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.61	ug/m3			01/03/25 14:14	1
Dibromochloromethane	ND		1.7	0.54	ug/m3			01/03/25 14:14	1

Client Sample ID: OA-10-121824
Lab Sample ID: 480-226507-1

Date Collected: 12/18/24 15:10
Matrix: Air
Date Received: 12/20/24 11:20
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		1.5	0.32	ug/m3			01/03/25 14:14	1
Chlorobenzene	ND		0.92	0.20	ug/m3			01/03/25 14:14	1
Ethylbenzene	ND		0.87	0.30	ug/m3			01/03/25 14:14	1
m,p-Xylene	**0.54**	**J**	2.2	0.41	ug/m3			01/03/25 14:14	1
Xylene, o-	ND		0.87	0.27	ug/m3			01/03/25 14:14	1
Xylene (total)	**0.54**	**J**	3.0	0.23	ug/m3			01/03/25 14:14	1
Styrene	ND		0.85	0.25	ug/m3			01/03/25 14:14	1
Bromoform	ND		2.1	1.2	ug/m3			01/03/25 14:14	1
Cumene	ND		0.98	0.20	ug/m3			01/03/25 14:14	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.30	ug/m3			01/03/25 14:14	1
n-Propylbenzene	ND		0.98	0.23	ug/m3			01/03/25 14:14	1
4-Ethyltoluene	ND		0.98	0.24	ug/m3			01/03/25 14:14	1
1,3,5-Trimethylbenzene	ND		0.98	0.23	ug/m3			01/03/25 14:14	1
2-Chlorotoluene	ND		1.0	0.24	ug/m3			01/03/25 14:14	1
tert-Butylbenzene	ND		1.1	0.26	ug/m3			01/03/25 14:14	1
1,2,4-Trimethylbenzene	ND		0.98	0.39	ug/m3			01/03/25 14:14	1
sec-Butylbenzene	ND		1.1	0.25	ug/m3			01/03/25 14:14	1
4-Isopropyltoluene	ND		1.1	0.33	ug/m3			01/03/25 14:14	1
1,3-Dichlorobenzene	ND		1.2	0.44	ug/m3			01/03/25 14:14	1
1,4-Dichlorobenzene	ND		1.2	0.54	ug/m3			01/03/25 14:14	1
Benzyl chloride	ND		1.0	0.46	ug/m3			01/03/25 14:14	1
n-Butylbenzene	ND		1.1	0.60	ug/m3			01/03/25 14:14	1
1,2-Dichlorobenzene	ND		1.2	0.40	ug/m3			01/03/25 14:14	1
1,2,4-Trichlorobenzene	ND		3.7	2.4	ug/m3			01/03/25 14:14	1
Hexachlorobutadiene	ND		2.1	1.2	ug/m3			01/03/25 14:14	1
Naphthalene	ND		2.6	1.6	ug/m3			01/03/25 14:14	1

Client Sample ID: IA-10-1-121824
Lab Sample ID: 480-226507-2

Date Collected: 12/18/24 12:20
Matrix: Air
Date Received: 12/20/24 11:20
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.4**	**J**	2.5	0.54	ug/m3			01/03/25 15:06	1
Freon 22	**2.5**		1.8	0.42	ug/m3			01/03/25 15:06	1
1,2-Dichlorotetrafluoroethane	ND		1.4	0.34	ug/m3			01/03/25 15:06	1
Chloromethane	**2.7**		1.0	0.31	ug/m3			01/03/25 15:06	1
n-Butane	**5.1**		1.2	0.48	ug/m3			01/03/25 15:06	1
Vinyl chloride	ND		0.51	0.054	ug/m3			01/03/25 15:06	1
1,3-Butadiene	**0.35**	**J**	0.44	0.086	ug/m3			01/03/25 15:06	1
Bromomethane	ND		0.78	0.28	ug/m3			01/03/25 15:06	1
Chloroethane	ND		1.3	0.47	ug/m3			01/03/25 15:06	1
Bromoethene(Vinyl Bromide)	ND		0.87	0.22	ug/m3			01/03/25 15:06	1
Trichlorofluoromethane	**1.2**		1.1	0.28	ug/m3			01/03/25 15:06	1
Freon TF	**0.49**	**J**	1.5	0.41	ug/m3			01/03/25 15:06	1
1,1-Dichloroethene	ND		0.79	0.10	ug/m3			01/03/25 15:06	1
Acetone	**400**	**E**	12	3.8	ug/m3			01/03/25 15:06	1
Isopropyl alcohol	**6.5**	**J**	12	3.9	ug/m3			01/03/25 15:06	1

Client: GHD Services Inc.
Job ID: 480-226507-1
Project/Site: 12616852, GM-Lockport Air 256042

Client Sample ID: IA-10-1-121824
Lab Sample ID: 480-226507-2
Date Collected: 12/18/24 12:20
Matrix: Air
Date Received: 12/20/24 11:20
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	**1.3**	**J**	1.6	0.40	ug/m3			01/03/25 15:06	1
3-Chloropropene	ND		1.6	0.38	ug/m3			01/03/25 15:06	1
Methylene Chloride	**1.5**	**J**	1.7	0.63	ug/m3			01/03/25 15:06	1
tert-Butyl alcohol	ND		15	3.6	ug/m3			01/03/25 15:06	1
Methyl tert-butyl ether	ND		0.72	0.13	ug/m3			01/03/25 15:06	1
trans-1,2-Dichloroethene	ND		0.79	0.091	ug/m3			01/03/25 15:06	1
n-Hexane	**240**	**E**	1.8	0.39	ug/m3			01/03/25 15:06	1
1,1-Dichloroethane	ND		0.81	0.10	ug/m3			01/03/25 15:06	1
Methyl Ethyl Ketone	ND		1.5	1.4	ug/m3			01/03/25 15:06	1
cis-1,2-Dichloroethene	**0.84**	**B**	0.79	0.083	ug/m3			01/03/25 15:06	1
1,2-Dichloroethene, Total	**0.84**	**J B**	1.6	0.083	ug/m3			01/03/25 15:06	1
Chloroform	ND		0.98	0.20	ug/m3			01/03/25 15:06	1
Tetrahydrofuran	ND		15	3.8	ug/m3			01/03/25 15:06	1
1,1,1-Trichloroethane	ND		1.1	0.24	ug/m3			01/03/25 15:06	1
Cyclohexane	**1.3**		0.69	0.20	ug/m3			01/03/25 15:06	1
Carbon tetrachloride	**0.41**	**J**	1.3	0.14	ug/m3			01/03/25 15:06	1
2,2,4-Trimethylpentane	**0.20**	**J**	0.93	0.18	ug/m3			01/03/25 15:06	1
Benzene	**2.0**		0.64	0.14	ug/m3			01/03/25 15:06	1
1,2-Dichloroethane	ND		0.81	0.38	ug/m3			01/03/25 15:06	1
n-Heptane	**0.67**	**J**	0.82	0.23	ug/m3			01/03/25 15:06	1
Trichloroethene	**0.80**	**J**	1.1	0.13	ug/m3			01/03/25 15:06	1
Methyl methacrylate	ND		2.0	0.57	ug/m3			01/03/25 15:06	1
1,2-Dichloropropane	ND		0.92	0.43	ug/m3			01/03/25 15:06	1
1,4-Dioxane	**0.79**	**J**	18	0.30	ug/m3			01/03/25 15:06	1
Bromodichloromethane	ND		1.3	0.34	ug/m3			01/03/25 15:06	1
cis-1,3-Dichloropropene	ND		0.91	0.20	ug/m3			01/03/25 15:06	1
methyl isobutyl ketone	ND		2.0	0.53	ug/m3			01/03/25 15:06	1
Toluene	**260**	**E**	0.75	0.23	ug/m3			01/03/25 15:06	1
trans-1,3-Dichloropropene	ND		0.91	0.25	ug/m3			01/03/25 15:06	1
1,1,2-Trichloroethane	ND		1.1	0.40	ug/m3			01/03/25 15:06	1
Tetrachloroethene	**7.9**		1.4	0.14	ug/m3			01/03/25 15:06	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.61	ug/m3			01/03/25 15:06	1
Dibromochloromethane	ND		1.7	0.54	ug/m3			01/03/25 15:06	1
1,2-Dibromoethane	ND		1.5	0.32	ug/m3			01/03/25 15:06	1
Chlorobenzene	**0.81**	**J**	0.92	0.20	ug/m3			01/03/25 15:06	1
Ethylbenzene	**0.42**	**J**	0.87	0.30	ug/m3			01/03/25 15:06	1
m,p-Xylene	**0.92**	**J**	2.2	0.41	ug/m3			01/03/25 15:06	1
Xylene, o-	**0.33**	**J**	0.87	0.27	ug/m3			01/03/25 15:06	1
Xylene (total)	**1.3**	**J**	3.0	0.23	ug/m3			01/03/25 15:06	1
Styrene	**0.28**	**J**	0.85	0.25	ug/m3			01/03/25 15:06	1
Bromoform	ND		2.1	1.2	ug/m3			01/03/25 15:06	1
Cumene	ND		0.98	0.20	ug/m3			01/03/25 15:06	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.30	ug/m3			01/03/25 15:06	1
n-Propylbenzene	ND		0.98	0.23	ug/m3			01/03/25 15:06	1
4-Ethyltoluene	ND		0.98	0.24	ug/m3			01/03/25 15:06	1
1,3,5-Trimethylbenzene	ND		0.98	0.23	ug/m3			01/03/25 15:06	1
2-Chlorotoluene	ND		1.0	0.24	ug/m3			01/03/25 15:06	1
tert-Butylbenzene	ND		1.1	0.26	ug/m3			01/03/25 15:06	1

Client: GHD Services Inc.
Job ID: 480-226507-1
Project/Site: 12616852, GM-Lockport Air 256042

Client Sample ID: IA-10-1-121824
Lab Sample ID: 480-226507-2
Date Collected: 12/18/24 12:20
Matrix: Air
Date Received: 12/20/24 11:20
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	**0.46**	**J**	0.98	0.39	ug/m3			01/03/25 15:06	1
sec-Butylbenzene	ND		1.1	0.25	ug/m3			01/03/25 15:06	1
4-Isopropyltoluene	ND		1.1	0.33	ug/m3			01/03/25 15:06	1
1,3-Dichlorobenzene	ND		1.2	0.44	ug/m3			01/03/25 15:06	1
1,4-Dichlorobenzene	ND		1.2	0.54	ug/m3			01/03/25 15:06	1
Benzyl chloride	ND		1.0	0.46	ug/m3			01/03/25 15:06	1
n-Butylbenzene	ND		1.1	0.60	ug/m3			01/03/25 15:06	1
1,2-Dichlorobenzene	ND		1.2	0.40	ug/m3			01/03/25 15:06	1
1,2,4-Trichlorobenzene	ND		3.7	2.4	ug/m3			01/03/25 15:06	1
Hexachlorobutadiene	ND		2.1	1.2	ug/m3			01/03/25 15:06	1
Naphthalene	ND		2.6	1.6	ug/m3			01/03/25 15:06	1

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		25	5.4	ug/m3			01/04/25 14:05	10
Freon 22	ND		18	4.2	ug/m3			01/04/25 14:05	10
1,2-Dichlorotetrafluoroethane	ND		14	3.4	ug/m3			01/04/25 14:05	10
Chloromethane	ND		10	3.1	ug/m3			01/04/25 14:05	10
n-Butane	**6.2**	**J**	12	4.8	ug/m3			01/04/25 14:05	10
Vinyl chloride	ND		5.1	0.54	ug/m3			01/04/25 14:05	10
1,3-Butadiene	ND		4.4	0.86	ug/m3			01/04/25 14:05	10
Bromomethane	ND		7.8	2.8	ug/m3			01/04/25 14:05	10
Chloroethane	ND		13	4.7	ug/m3			01/04/25 14:05	10
Bromoethene(Vinyl Bromide)	ND		8.7	2.2	ug/m3			01/04/25 14:05	10
Trichlorofluoromethane	ND		11	2.8	ug/m3			01/04/25 14:05	10
Freon TF	ND		15	4.1	ug/m3			01/04/25 14:05	10
1,1-Dichloroethene	ND		7.9	1.0	ug/m3			01/04/25 14:05	10
Acetone	**500**		120	38	ug/m3			01/04/25 14:05	10
Isopropyl alcohol	ND		120	39	ug/m3			01/04/25 14:05	10
Carbon disulfide	ND		16	4.0	ug/m3			01/04/25 14:05	10
3-Chloropropene	ND		16	3.8	ug/m3			01/04/25 14:05	10
Methylene Chloride	ND		17	6.3	ug/m3			01/04/25 14:05	10
tert-Butyl alcohol	ND		150	36	ug/m3			01/04/25 14:05	10
Methyl tert-butyl ether	ND		7.2	1.3	ug/m3			01/04/25 14:05	10
trans-1,2-Dichloroethene	ND		7.9	0.91	ug/m3			01/04/25 14:05	10
n-Hexane	**280**		18	3.9	ug/m3			01/04/25 14:05	10
1,1-Dichloroethane	ND		8.1	1.0	ug/m3			01/04/25 14:05	10
Methyl Ethyl Ketone	ND		15	14	ug/m3			01/04/25 14:05	10
cis-1,2-Dichloroethene	ND		7.9	0.83	ug/m3			01/04/25 14:05	10
1,2-Dichloroethene, Total	ND		16	0.83	ug/m3			01/04/25 14:05	10
Chloroform	ND		9.8	2.0	ug/m3			01/04/25 14:05	10
Tetrahydrofuran	ND		150	38	ug/m3			01/04/25 14:05	10
1,1,1-Trichloroethane	ND		11	2.4	ug/m3			01/04/25 14:05	10
Cyclohexane	ND		6.9	2.0	ug/m3			01/04/25 14:05	10
Carbon tetrachloride	ND		13	1.4	ug/m3			01/04/25 14:05	10
2,2,4-Trimethylpentane	ND		9.3	1.8	ug/m3			01/04/25 14:05	10
Benzene	**2.3**	**J**	6.4	1.4	ug/m3			01/04/25 14:05	10
1,2-Dichloroethane	ND		8.1	3.8	ug/m3			01/04/25 14:05	10
n-Heptane	ND		8.2	2.3	ug/m3			01/04/25 14:05	10

Client Sample ID: IA-10-1-121824

Lab Sample ID: 480-226507-2

Date Collected: 12/18/24 12:20
Matrix: Air
Date Received: 12/20/24 11:20
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		11	1.3	ug/m3			01/04/25 14:05	10
Methyl methacrylate	ND		20	5.7	ug/m3			01/04/25 14:05	10
1,2-Dichloropropane	ND		9.2	4.3	ug/m3			01/04/25 14:05	10
1,4-Dioxane	ND		180	3.0	ug/m3			01/04/25 14:05	10
Bromodichloromethane	ND		13	3.4	ug/m3			01/04/25 14:05	10
cis-1,3-Dichloropropene	ND		9.1	2.0	ug/m3			01/04/25 14:05	10
methyl isobutyl ketone	ND		20	5.3	ug/m3			01/04/25 14:05	10
Toluene	**280**		7.5	2.3	ug/m3			01/04/25 14:05	10
trans-1,3-Dichloropropene	ND		9.1	2.5	ug/m3			01/04/25 14:05	10
1,1,2-Trichloroethane	ND		11	4.0	ug/m3			01/04/25 14:05	10
Tetrachloroethene	**7.6**	**J**	14	1.4	ug/m3			01/04/25 14:05	10
Methyl Butyl Ketone (2-Hexanone)	ND		20	6.1	ug/m3			01/04/25 14:05	10
Dibromochloromethane	ND		17	5.4	ug/m3			01/04/25 14:05	10
1,2-Dibromoethane	ND		15	3.2	ug/m3			01/04/25 14:05	10
Chlorobenzene	ND		9.2	2.0	ug/m3			01/04/25 14:05	10
Ethylbenzene	ND		8.7	3.0	ug/m3			01/04/25 14:05	10
m,p-Xylene	ND		22	4.1	ug/m3			01/04/25 14:05	10
Xylene, o-	ND		8.7	2.7	ug/m3			01/04/25 14:05	10
Xylene (total)	ND		30	2.3	ug/m3			01/04/25 14:05	10
Styrene	ND		8.5	2.5	ug/m3			01/04/25 14:05	10
Bromoform	ND		21	12	ug/m3			01/04/25 14:05	10
Cumene	ND		9.8	2.0	ug/m3			01/04/25 14:05	10
1,1,2,2-Tetrachloroethane	ND		14	3.0	ug/m3			01/04/25 14:05	10
n-Propylbenzene	ND		9.8	2.3	ug/m3			01/04/25 14:05	10
4-Ethyltoluene	ND		9.8	2.4	ug/m3			01/04/25 14:05	10
1,3,5-Trimethylbenzene	ND		9.8	2.3	ug/m3			01/04/25 14:05	10
2-Chlorotoluene	ND		10	2.4	ug/m3			01/04/25 14:05	10
tert-Butylbenzene	ND		11	2.6	ug/m3			01/04/25 14:05	10
1,2,4-Trimethylbenzene	ND		9.8	3.9	ug/m3			01/04/25 14:05	10
sec-Butylbenzene	ND		11	2.5	ug/m3			01/04/25 14:05	10
4-Isopropyltoluene	ND		11	3.3	ug/m3			01/04/25 14:05	10
1,3-Dichlorobenzene	ND		12	4.4	ug/m3			01/04/25 14:05	10
1,4-Dichlorobenzene	ND		12	5.4	ug/m3			01/04/25 14:05	10
Benzyl chloride	ND		10	4.6	ug/m3			01/04/25 14:05	10
n-Butylbenzene	ND		11	6.0	ug/m3			01/04/25 14:05	10
1,2-Dichlorobenzene	ND		12	4.0	ug/m3			01/04/25 14:05	10
1,2,4-Trichlorobenzene	ND		37	24	ug/m3			01/04/25 14:05	10
Hexachlorobutadiene	ND		21	12	ug/m3			01/04/25 14:05	10
Naphthalene	ND		26	16	ug/m3			01/04/25 14:05	10

Client Sample ID: IA-10-2-121824

Lab Sample ID: 480-226507-3

Date Collected: 12/18/24 16:00
Matrix: Air
Date Received: 12/20/24 11:20
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.5**		2.5	0.54	ug/m3			01/03/25 15:57	1
Freon 22	**2.1**		1.8	0.42	ug/m3			01/03/25 15:57	1

Client: GHD Services Inc.
Job ID: 480-226507-1
Project/Site: 12616852, GM-Lockport Air 256042

Client Sample ID: IA-10-2-121824
Lab Sample ID: 480-226507-3
Date Collected: 12/18/24 16:00
Matrix: Air
Date Received: 12/20/24 11:20
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorotetrafluoroethane	ND		1.4	0.34	ug/m3			01/03/25 15:57	1
Chloromethane	**16**		1.0	0.31	ug/m3			01/03/25 15:57	1
n-Butane	**6.5**		1.2	0.48	ug/m3			01/03/25 15:57	1
Vinyl chloride	ND		0.51	0.054	ug/m3			01/03/25 15:57	1
1,3-Butadiene	**0.33**	**J**	0.44	0.086	ug/m3			01/03/25 15:57	1
Bromomethane	ND		0.78	0.28	ug/m3			01/03/25 15:57	1
Chloroethane	ND		1.3	0.47	ug/m3			01/03/25 15:57	1
Bromoethene(Vinyl Bromide)	ND		0.87	0.22	ug/m3			01/03/25 15:57	1
Trichlorofluoromethane	**1.4**		1.1	0.28	ug/m3			01/03/25 15:57	1
Freon TF	**0.49**	**J**	1.5	0.41	ug/m3			01/03/25 15:57	1
1,1-Dichloroethene	ND		0.79	0.10	ug/m3			01/03/25 15:57	1
Acetone	**370**	**E**	12	3.8	ug/m3			01/03/25 15:57	1
Isopropyl alcohol	**12**		12	3.9	ug/m3			01/03/25 15:57	1
Carbon disulfide	**1.6**		1.6	0.40	ug/m3			01/03/25 15:57	1
3-Chloropropene	ND		1.6	0.38	ug/m3			01/03/25 15:57	1
Methylene Chloride	**4.0**		1.7	0.63	ug/m3			01/03/25 15:57	1
tert-Butyl alcohol	ND		15	3.6	ug/m3			01/03/25 15:57	1
Methyl tert-butyl ether	ND		0.72	0.13	ug/m3			01/03/25 15:57	1
trans-1,2-Dichloroethene	ND		0.79	0.091	ug/m3			01/03/25 15:57	1
n-Hexane	**220**	**E**	1.8	0.39	ug/m3			01/03/25 15:57	1
1,1-Dichloroethane	ND		0.81	0.10	ug/m3			01/03/25 15:57	1
Methyl Ethyl Ketone	**1.8**		1.5	1.4	ug/m3			01/03/25 15:57	1
cis-1,2-Dichloroethene	**0.82**	**B**	0.79	0.083	ug/m3			01/03/25 15:57	1
1,2-Dichloroethene, Total	**0.82**	**J B**	1.6	0.083	ug/m3			01/03/25 15:57	1
Chloroform	ND		0.98	0.20	ug/m3			01/03/25 15:57	1
Tetrahydrofuran	ND		15	3.8	ug/m3			01/03/25 15:57	1
1,1,1-Trichloroethane	ND		1.1	0.24	ug/m3			01/03/25 15:57	1
Cyclohexane	**1.7**		0.69	0.20	ug/m3			01/03/25 15:57	1
Carbon tetrachloride	**0.43**	**J**	1.3	0.14	ug/m3			01/03/25 15:57	1
2,2,4-Trimethylpentane	**0.44**	**J**	0.93	0.18	ug/m3			01/03/25 15:57	1
Benzene	**2.4**		0.64	0.14	ug/m3			01/03/25 15:57	1
1,2-Dichloroethane	ND		0.81	0.38	ug/m3			01/03/25 15:57	1
n-Heptane	**1.2**		0.82	0.23	ug/m3			01/03/25 15:57	1
Trichloroethene	**0.95**	**J**	1.1	0.13	ug/m3			01/03/25 15:57	1
Methyl methacrylate	ND		2.0	0.57	ug/m3			01/03/25 15:57	1
1,2-Dichloropropane	ND		0.92	0.43	ug/m3			01/03/25 15:57	1
1,4-Dioxane	ND		18	0.30	ug/m3			01/03/25 15:57	1
Bromodichloromethane	ND		1.3	0.34	ug/m3			01/03/25 15:57	1
cis-1,3-Dichloropropene	ND		0.91	0.20	ug/m3			01/03/25 15:57	1
methyl isobutyl ketone	ND		2.0	0.53	ug/m3			01/03/25 15:57	1
Toluene	**260**	**E**	0.75	0.23	ug/m3			01/03/25 15:57	1
trans-1,3-Dichloropropene	ND		0.91	0.25	ug/m3			01/03/25 15:57	1
1,1,2-Trichloroethane	ND		1.1	0.40	ug/m3			01/03/25 15:57	1
Tetrachloroethene	**9.1**		1.4	0.14	ug/m3			01/03/25 15:57	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.61	ug/m3			01/03/25 15:57	1
Dibromochloromethane	ND		1.7	0.54	ug/m3			01/03/25 15:57	1
1,2-Dibromoethane	ND		1.5	0.32	ug/m3			01/03/25 15:57	1
Chlorobenzene	**0.61**	**J**	0.92	0.20	ug/m3			01/03/25 15:57	1

Client Sample ID: IA-10-2-121824
Date Collected: 12/18/24 16:00
Date Received: 12/20/24 11:20
Sample Container: Summa Canister 6L

Lab Sample ID: 480-226507-3
Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	**0.91**		0.87	0.30	ug/m3			01/03/25 15:57	1
m,p-Xylene	**2.5**		2.2	0.41	ug/m3			01/03/25 15:57	1
Xylene, o-	**0.94**		0.87	0.27	ug/m3			01/03/25 15:57	1
Xylene (total)	**3.4**		3.0	0.23	ug/m3			01/03/25 15:57	1
Styrene	**0.64**	**J**	0.85	0.25	ug/m3			01/03/25 15:57	1
Bromoform	ND		2.1	1.2	ug/m3			01/03/25 15:57	1
Cumene	ND		0.98	0.20	ug/m3			01/03/25 15:57	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.30	ug/m3			01/03/25 15:57	1
n-Propylbenzene	ND		0.98	0.23	ug/m3			01/03/25 15:57	1
4-Ethyltoluene	ND		0.98	0.24	ug/m3			01/03/25 15:57	1
1,3,5-Trimethylbenzene	ND		0.98	0.23	ug/m3			01/03/25 15:57	1
2-Chlorotoluene	ND		1.0	0.24	ug/m3			01/03/25 15:57	1
tert-Butylbenzene	ND		1.1	0.26	ug/m3			01/03/25 15:57	1
1,2,4-Trimethylbenzene	**0.74**	**J**	0.98	0.39	ug/m3			01/03/25 15:57	1
sec-Butylbenzene	ND		1.1	0.25	ug/m3			01/03/25 15:57	1
4-Isopropyltoluene	**0.76**	**J**	1.1	0.33	ug/m3			01/03/25 15:57	1
1,3-Dichlorobenzene	ND		1.2	0.44	ug/m3			01/03/25 15:57	1
1,4-Dichlorobenzene	ND		1.2	0.54	ug/m3			01/03/25 15:57	1
Benzyl chloride	ND		1.0	0.46	ug/m3			01/03/25 15:57	1
n-Butylbenzene	ND		1.1	0.60	ug/m3			01/03/25 15:57	1
1,2-Dichlorobenzene	ND		1.2	0.40	ug/m3			01/03/25 15:57	1
1,2,4-Trichlorobenzene	ND		3.7	2.4	ug/m3			01/03/25 15:57	1
Hexachlorobutadiene	ND		2.1	1.2	ug/m3			01/03/25 15:57	1
Naphthalene	ND		2.6	1.6	ug/m3			01/03/25 15:57	1

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		25	5.4	ug/m3			01/04/25 14:57	10
Freon 22	ND		18	4.2	ug/m3			01/04/25 14:57	10
1,2-Dichlorotetrafluoroethane	ND		14	3.4	ug/m3			01/04/25 14:57	10
Chloromethane	**16**		10	3.1	ug/m3			01/04/25 14:57	10
n-Butane	**8.4**	**J**	12	4.8	ug/m3			01/04/25 14:57	10
Vinyl chloride	ND		5.1	0.54	ug/m3			01/04/25 14:57	10
1,3-Butadiene	ND		4.4	0.86	ug/m3			01/04/25 14:57	10
Bromomethane	ND		7.8	2.8	ug/m3			01/04/25 14:57	10
Chloroethane	ND		13	4.7	ug/m3			01/04/25 14:57	10
Bromoethene(Vinyl Bromide)	ND		8.7	2.2	ug/m3			01/04/25 14:57	10
Trichlorofluoromethane	ND		11	2.8	ug/m3			01/04/25 14:57	10
Freon TF	ND		15	4.1	ug/m3			01/04/25 14:57	10
1,1-Dichloroethene	ND		7.9	1.0	ug/m3			01/04/25 14:57	10
Acetone	**450**		120	38	ug/m3			01/04/25 14:57	10
Isopropyl alcohol	ND		120	39	ug/m3			01/04/25 14:57	10
Carbon disulfide	ND		16	4.0	ug/m3			01/04/25 14:57	10
3-Chloropropene	ND		16	3.8	ug/m3			01/04/25 14:57	10
Methylene Chloride	ND		17	6.3	ug/m3			01/04/25 14:57	10
tert-Butyl alcohol	ND		150	36	ug/m3			01/04/25 14:57	10
Methyl tert-butyl ether	ND		7.2	1.3	ug/m3			01/04/25 14:57	10
trans-1,2-Dichloroethene	ND		7.9	0.91	ug/m3			01/04/25 14:57	10
n-Hexane	**250**		18	3.9	ug/m3			01/04/25 14:57	10

Client: GHD Services Inc.
Job ID: 480-226507-1
Project/Site: 12616852, GM-Lockport Air 256042

Client Sample ID: IA-10-2-121824
Lab Sample ID: 480-226507-3
Date Collected: 12/18/24 16:00
Matrix: Air
Date Received: 12/20/24 11:20
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		8.1	1.0	ug/m3			01/04/25 14:57	10
Methyl Ethyl Ketone	ND		15	14	ug/m3			01/04/25 14:57	10
cis-1,2-Dichloroethene	ND		7.9	0.83	ug/m3			01/04/25 14:57	10
1,2-Dichloroethene, Total	ND		16	0.83	ug/m3			01/04/25 14:57	10
Chloroform	ND		9.8	2.0	ug/m3			01/04/25 14:57	10
Tetrahydrofuran	ND		150	38	ug/m3			01/04/25 14:57	10
1,1,1-Trichloroethane	ND		11	2.4	ug/m3			01/04/25 14:57	10
Cyclohexane	ND		6.9	2.0	ug/m3			01/04/25 14:57	10
Carbon tetrachloride	ND		13	1.4	ug/m3			01/04/25 14:57	10
2,2,4-Trimethylpentane	ND		9.3	1.8	ug/m3			01/04/25 14:57	10
Benzene	**2.7**	**J**	6.4	1.4	ug/m3			01/04/25 14:57	10
1,2-Dichloroethane	ND		8.1	3.8	ug/m3			01/04/25 14:57	10
n-Heptane	ND		8.2	2.3	ug/m3			01/04/25 14:57	10
Trichloroethene	ND		11	1.3	ug/m3			01/04/25 14:57	10
Methyl methacrylate	ND		20	5.7	ug/m3			01/04/25 14:57	10
1,2-Dichloropropane	ND		9.2	4.3	ug/m3			01/04/25 14:57	10
1,4-Dioxane	ND		180	3.0	ug/m3			01/04/25 14:57	10
Bromodichloromethane	ND		13	3.4	ug/m3			01/04/25 14:57	10
cis-1,3-Dichloropropene	ND		9.1	2.0	ug/m3			01/04/25 14:57	10
methyl isobutyl ketone	ND		20	5.3	ug/m3			01/04/25 14:57	10
Toluene	**280**		7.5	2.3	ug/m3			01/04/25 14:57	10
trans-1,3-Dichloropropene	ND		9.1	2.5	ug/m3			01/04/25 14:57	10
1,1,2-Trichloroethane	ND		11	4.0	ug/m3			01/04/25 14:57	10
Tetrachloroethene	**8.8**	**J**	14	1.4	ug/m3			01/04/25 14:57	10
Methyl Butyl Ketone (2-Hexanone)	ND		20	6.1	ug/m3			01/04/25 14:57	10
Dibromochloromethane	ND		17	5.4	ug/m3			01/04/25 14:57	10
1,2-Dibromoethane	ND		15	3.2	ug/m3			01/04/25 14:57	10
Chlorobenzene	ND		9.2	2.0	ug/m3			01/04/25 14:57	10
Ethylbenzene	ND		8.7	3.0	ug/m3			01/04/25 14:57	10
m,p-Xylene	ND		22	4.1	ug/m3			01/04/25 14:57	10
Xylene, o-	ND		8.7	2.7	ug/m3			01/04/25 14:57	10
Xylene (total)	ND		30	2.3	ug/m3			01/04/25 14:57	10
Styrene	ND		8.5	2.5	ug/m3			01/04/25 14:57	10
Bromoform	ND		21	12	ug/m3			01/04/25 14:57	10
Cumene	ND		9.8	2.0	ug/m3			01/04/25 14:57	10
1,1,2,2-Tetrachloroethane	ND		14	3.0	ug/m3			01/04/25 14:57	10
n-Propylbenzene	ND		9.8	2.3	ug/m3			01/04/25 14:57	10
4-Ethyltoluene	ND		9.8	2.4	ug/m3			01/04/25 14:57	10
1,3,5-Trimethylbenzene	ND		9.8	2.3	ug/m3			01/04/25 14:57	10
2-Chlorotoluene	ND		10	2.4	ug/m3			01/04/25 14:57	10
tert-Butylbenzene	ND		11	2.6	ug/m3			01/04/25 14:57	10
1,2,4-Trimethylbenzene	ND		9.8	3.9	ug/m3			01/04/25 14:57	10
sec-Butylbenzene	ND		11	2.5	ug/m3			01/04/25 14:57	10
4-Isopropyltoluene	ND		11	3.3	ug/m3			01/04/25 14:57	10
1,3-Dichlorobenzene	ND		12	4.4	ug/m3			01/04/25 14:57	10
1,4-Dichlorobenzene	ND		12	5.4	ug/m3			01/04/25 14:57	10
Benzyl chloride	ND		10	4.6	ug/m3			01/04/25 14:57	10
n-Butylbenzene	ND		11	6.0	ug/m3			01/04/25 14:57	10

Client: GHD Services Inc.
Job ID: 480-226507-1
Project/Site: 12616852, GM-Lockport Air 256042

Client Sample ID: IA-10-2-121824
Lab Sample ID: 480-226507-3
Date Collected: 12/18/24 16:00
Matrix: Air
Date Received: 12/20/24 11:20
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		12	4.0	ug/m3			01/04/25 14:57	10
1,2,4-Trichlorobenzene	ND		37	24	ug/m3			01/04/25 14:57	10
Hexachlorobutadiene	ND		21	12	ug/m3			01/04/25 14:57	10
Naphthalene	ND		26	16	ug/m3			01/04/25 14:57	10

Client: GHD Services Inc.
Job ID: 480-226507-1
Project/Site: 12616852, GM-Lockport Air 256042

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Lab Sample ID: MB 200-212534/4
Matrix: Air
Analysis Batch: 212534

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		2.5	0.54	ug/m3			01/03/25 09:37	1
Freon 22	ND		1.8	0.42	ug/m3			01/03/25 09:37	1
1,2-Dichlorotetrafluoroethane	ND		1.4	0.34	ug/m3			01/03/25 09:37	1
Chloromethane	ND		1.0	0.31	ug/m3			01/03/25 09:37	1
n-Butane	ND		1.2	0.48	ug/m3			01/03/25 09:37	1
Vinyl chloride	ND		0.51	0.054	ug/m3			01/03/25 09:37	1
1,3-Butadiene	ND		0.44	0.086	ug/m3			01/03/25 09:37	1
Bromomethane	ND		0.78	0.28	ug/m3			01/03/25 09:37	1
Chloroethane	ND		1.3	0.47	ug/m3			01/03/25 09:37	1
Bromoethene(Vinyl Bromide)	ND		0.87	0.22	ug/m3			01/03/25 09:37	1
Trichlorofluoromethane	ND		1.1	0.28	ug/m3			01/03/25 09:37	1
Freon TF	ND		1.5	0.41	ug/m3			01/03/25 09:37	1
1,1-Dichloroethene	ND		0.79	0.10	ug/m3			01/03/25 09:37	1
Acetone	ND		12	3.8	ug/m3			01/03/25 09:37	1
Isopropyl alcohol	ND		12	3.9	ug/m3			01/03/25 09:37	1
Carbon disulfide	ND		1.6	0.40	ug/m3			01/03/25 09:37	1
3-Chloropropene	ND		1.6	0.38	ug/m3			01/03/25 09:37	1
Methylene Chloride	ND		1.7	0.63	ug/m3			01/03/25 09:37	1
tert-Butyl alcohol	ND		15	3.6	ug/m3			01/03/25 09:37	1
Methyl tert-butyl ether	ND		0.72	0.13	ug/m3			01/03/25 09:37	1
trans-1,2-Dichloroethene	ND		0.79	0.091	ug/m3			01/03/25 09:37	1
n-Hexane	ND		1.8	0.39	ug/m3			01/03/25 09:37	1
1,1-Dichloroethane	ND		0.81	0.10	ug/m3			01/03/25 09:37	1
Methyl Ethyl Ketone	ND		1.5	1.4	ug/m3			01/03/25 09:37	1
cis-1,2-Dichloroethene	0.120	J	0.79	0.083	ug/m3			01/03/25 09:37	1
1,2-Dichloroethene, Total	0.120	J	1.6	0.083	ug/m3			01/03/25 09:37	1
Chloroform	ND		0.98	0.20	ug/m3			01/03/25 09:37	1
Tetrahydrofuran	ND		15	3.8	ug/m3			01/03/25 09:37	1
1,1,1-Trichloroethane	ND		1.1	0.24	ug/m3			01/03/25 09:37	1
Cyclohexane	ND		0.69	0.20	ug/m3			01/03/25 09:37	1
Carbon tetrachloride	ND		1.3	0.14	ug/m3			01/03/25 09:37	1
2,2,4-Trimethylpentane	ND		0.93	0.18	ug/m3			01/03/25 09:37	1
Benzene	ND		0.64	0.14	ug/m3			01/03/25 09:37	1
1,2-Dichloroethane	ND		0.81	0.38	ug/m3			01/03/25 09:37	1
n-Heptane	ND		0.82	0.23	ug/m3			01/03/25 09:37	1
Trichloroethene	ND		1.1	0.13	ug/m3			01/03/25 09:37	1
Methyl methacrylate	ND		2.0	0.57	ug/m3			01/03/25 09:37	1
1,2-Dichloropropane	ND		0.92	0.43	ug/m3			01/03/25 09:37	1
1,4-Dioxane	ND		18	0.30	ug/m3			01/03/25 09:37	1
Bromodichloromethane	ND		1.3	0.34	ug/m3			01/03/25 09:37	1
cis-1,3-Dichloropropene	ND		0.91	0.20	ug/m3			01/03/25 09:37	1
methyl isobutyl ketone	ND		2.0	0.53	ug/m3			01/03/25 09:37	1
Toluene	ND		0.75	0.23	ug/m3			01/03/25 09:37	1
trans-1,3-Dichloropropene	ND		0.91	0.25	ug/m3			01/03/25 09:37	1
1,1,2-Trichloroethane	ND		1.1	0.40	ug/m3			01/03/25 09:37	1
Tetrachloroethene	ND		1.4	0.14	ug/m3			01/03/25 09:37	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.61	ug/m3			01/03/25 09:37	1
Dibromochloromethane	ND		1.7	0.54	ug/m3			01/03/25 09:37	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-212534/4
Matrix: Air
Analysis Batch: 212534

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		1.5	0.32	ug/m3			01/03/25 09:37	1
Chlorobenzene	ND		0.92	0.20	ug/m3			01/03/25 09:37	1
Ethylbenzene	ND		0.87	0.30	ug/m3			01/03/25 09:37	1
m,p-Xylene	ND		2.2	0.41	ug/m3			01/03/25 09:37	1
Xylene, o-	ND		0.87	0.27	ug/m3			01/03/25 09:37	1
Xylene (total)	ND		3.0	0.23	ug/m3			01/03/25 09:37	1
Styrene	ND		0.85	0.25	ug/m3			01/03/25 09:37	1
Bromoform	ND		2.1	1.2	ug/m3			01/03/25 09:37	1
Cumene	ND		0.98	0.20	ug/m3			01/03/25 09:37	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.30	ug/m3			01/03/25 09:37	1
n-Propylbenzene	ND		0.98	0.23	ug/m3			01/03/25 09:37	1
4-Ethyltoluene	ND		0.98	0.24	ug/m3			01/03/25 09:37	1
1,3,5-Trimethylbenzene	ND		0.98	0.23	ug/m3			01/03/25 09:37	1
2-Chlorotoluene	ND		1.0	0.24	ug/m3			01/03/25 09:37	1
tert-Butylbenzene	ND		1.1	0.26	ug/m3			01/03/25 09:37	1
1,2,4-Trimethylbenzene	ND		0.98	0.39	ug/m3			01/03/25 09:37	1
sec-Butylbenzene	ND		1.1	0.25	ug/m3			01/03/25 09:37	1
4-Isopropyltoluene	ND		1.1	0.33	ug/m3			01/03/25 09:37	1
1,3-Dichlorobenzene	ND		1.2	0.44	ug/m3			01/03/25 09:37	1
1,4-Dichlorobenzene	ND		1.2	0.54	ug/m3			01/03/25 09:37	1
Benzyl chloride	ND		1.0	0.46	ug/m3			01/03/25 09:37	1
n-Butylbenzene	ND		1.1	0.60	ug/m3			01/03/25 09:37	1
1,2-Dichlorobenzene	ND		1.2	0.40	ug/m3			01/03/25 09:37	1
1,2,4-Trichlorobenzene	ND		3.7	2.4	ug/m3			01/03/25 09:37	1
Hexachlorobutadiene	ND		2.1	1.2	ug/m3			01/03/25 09:37	1
Naphthalene	ND		2.6	1.6	ug/m3			01/03/25 09:37	1

Lab Sample ID: LCS 200-212534/3
Matrix: Air
Analysis Batch: 212534

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dichlorodifluoromethane	49.4	56.5		ug/m3		114	61 - 142
Freon 22	35.4	39.8		ug/m3		113	60 - 147
1,2-Dichlorotetrafluoroethane	69.9	81.4		ug/m3		116	71 - 141
Chloromethane	20.6	23.3		ug/m3		113	56 - 141
n-Butane	23.8	18.8		ug/m3		79	53 - 151
Vinyl chloride	25.6	19.6		ug/m3		77	61 - 135
1,3-Butadiene	22.1	15.7		ug/m3		71	58 - 139
Bromomethane	38.8	43.9		ug/m3		113	72 - 124
Chloroethane	26.4	28.8		ug/m3		109	68 - 130
Bromoethene(Vinyl Bromide)	43.7	49.6		ug/m3		113	75 - 125
Trichlorofluoromethane	56.2	58.7		ug/m3		104	70 - 129
Freon TF	76.6	72.6		ug/m3		95	70 - 121
1,1-Dichloroethene	39.6	39.3		ug/m3		99	68 - 120
Acetone	23.7	19.8		ug/m3		84	54 - 154
Isopropyl alcohol	24.6	23.1		ug/m3		94	53 - 142
Carbon disulfide	31.1	28.7		ug/m3		92	71 - 138
3-Chloropropene	31.3	20.8		ug/m3		67	50 - 150

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-212534/3
Matrix: Air
Analysis Batch: 212534

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methylene Chloride	34.7	29.1		ug/m3		84	59 - 137
tert-Butyl alcohol	30.3	26.0		ug/m3		86	66 - 132
Methyl tert-butyl ether	36.0	33.4		ug/m3		93	70 - 127
trans-1,2-Dichloroethene	39.6	35.5		ug/m3		90	69 - 137
n-Hexane	35.2	31.8		ug/m3		90	63 - 138
1,1-Dichloroethane	40.5	34.8		ug/m3		86	66 - 130
Methyl Ethyl Ketone	29.5	25.5		ug/m3		86	72 - 124
cis-1,2-Dichloroethene	39.6	36.7		ug/m3		93	72 - 121
Chloroform	48.8	43.2		ug/m3		89	73 - 124
Tetrahydrofuran	29.5	24.4		ug/m3		83	60 - 149
1,1,1-Trichloroethane	54.6	50.2		ug/m3		92	72 - 127
Cyclohexane	34.4	32.8		ug/m3		95	76 - 124
Carbon tetrachloride	62.9	59.8		ug/m3		95	71 - 133
2,2,4-Trimethylpentane	46.7	43.1		ug/m3		92	68 - 131
Benzene	31.9	29.6		ug/m3		93	73 - 119
1,2-Dichloroethane	40.5	34.3		ug/m3		85	68 - 135
n-Heptane	41.0	36.9		ug/m3		90	60 - 142
Trichloroethene	53.7	50.7		ug/m3		94	73 - 122
Methyl methacrylate	40.9	36.8		ug/m3		90	73 - 129
1,2-Dichloropropane	46.2	41.1		ug/m3		89	69 - 128
1,4-Dioxane	36.0	29.1		ug/m3		81	66 - 129
Bromodichloromethane	67.0	59.9		ug/m3		89	75 - 127
cis-1,3-Dichloropropene	45.4	42.2		ug/m3		93	74 - 125
methyl isobutyl ketone	41.0	35.8		ug/m3		87	58 - 144
Toluene	37.7	36.7		ug/m3		97	75 - 122
trans-1,3-Dichloropropene	45.4	44.6		ug/m3		98	74 - 128
1,1,2-Trichloroethane	54.6	50.7		ug/m3		93	75 - 126
Tetrachloroethene	67.8	71.8		ug/m3		106	70 - 125
Methyl Butyl Ketone (2-Hexanone)	41.0	36.3		ug/m3		89	57 - 143
Dibromochloromethane	85.2	77.2		ug/m3		91	73 - 125
1,2-Dibromoethane	76.8	72.8		ug/m3		95	78 - 122
Chlorobenzene	46.0	44.5		ug/m3		97	76 - 119
Ethylbenzene	43.4	41.7		ug/m3		96	74 - 122
m,p-Xylene	86.8	86.2		ug/m3		99	76 - 121
Xylene, o-	43.4	44.2		ug/m3		102	73 - 123
Styrene	42.6	43.2		ug/m3		101	74 - 125
Bromoform	103	82.7		ug/m3		80	53 - 149
Cumene	49.1	49.7		ug/m3		101	73 - 123
1,1,2,2-Tetrachloroethane	68.6	61.9		ug/m3		90	74 - 126
n-Propylbenzene	49.1	47.9		ug/m3		98	73 - 127
4-Ethyltoluene	49.2	49.9		ug/m3		102	75 - 129
1,3,5-Trimethylbenzene	49.2	48.9		ug/m3		100	72 - 126
2-Chlorotoluene	51.8	48.6		ug/m3		94	74 - 126
tert-Butylbenzene	54.9	55.8		ug/m3		102	71 - 125
1,2,4-Trimethylbenzene	49.2	49.4		ug/m3		101	71 - 129
sec-Butylbenzene	54.9	55.2		ug/m3		101	70 - 128
4-Isopropyltoluene	54.9	55.6		ug/m3		101	68 - 130
1,3-Dichlorobenzene	60.1	60.2		ug/m3		100	69 - 131

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-212534/3
Matrix: Air
Analysis Batch: 212534

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,4-Dichlorobenzene	60.1	60.2		ug/m3		100	67 - 132
Benzyl chloride	51.8	48.8		ug/m3		94	60 - 136
n-Butylbenzene	54.9	53.6		ug/m3		98	65 - 137
1,2-Dichlorobenzene	60.1	59.5		ug/m3		99	68 - 129
1,2,4-Trichlorobenzene	74.2	81.5		ug/m3		110	50 - 150
Hexachlorobutadiene	107	127		ug/m3		119	58 - 130
Naphthalene	52.4	55.7		ug/m3		106	50 - 150

Lab Sample ID: MB 200-212559/4
Matrix: Air
Analysis Batch: 212559

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		2.5	0.54	ug/m3			01/04/25 11:21	1
Freon 22	ND		1.8	0.42	ug/m3			01/04/25 11:21	1
1,2-Dichlorotetrafluoroethane	ND		1.4	0.34	ug/m3			01/04/25 11:21	1
Chloromethane	ND		1.0	0.31	ug/m3			01/04/25 11:21	1
n-Butane	ND		1.2	0.48	ug/m3			01/04/25 11:21	1
Vinyl chloride	ND		0.51	0.054	ug/m3			01/04/25 11:21	1
1,3-Butadiene	ND		0.44	0.086	ug/m3			01/04/25 11:21	1
Bromomethane	ND		0.78	0.28	ug/m3			01/04/25 11:21	1
Chloroethane	ND		1.3	0.47	ug/m3			01/04/25 11:21	1
Bromoethene(Vinyl Bromide)	ND		0.87	0.22	ug/m3			01/04/25 11:21	1
Trichlorofluoromethane	ND		1.1	0.28	ug/m3			01/04/25 11:21	1
Freon TF	ND		1.5	0.41	ug/m3			01/04/25 11:21	1
1,1-Dichloroethene	ND		0.79	0.10	ug/m3			01/04/25 11:21	1
Acetone	ND		12	3.8	ug/m3			01/04/25 11:21	1
Isopropyl alcohol	ND		12	3.9	ug/m3			01/04/25 11:21	1
Carbon disulfide	ND		1.6	0.40	ug/m3			01/04/25 11:21	1
3-Chloropropene	ND		1.6	0.38	ug/m3			01/04/25 11:21	1
Methylene Chloride	ND		1.7	0.63	ug/m3			01/04/25 11:21	1
tert-Butyl alcohol	ND		15	3.6	ug/m3			01/04/25 11:21	1
Methyl tert-butyl ether	ND		0.72	0.13	ug/m3			01/04/25 11:21	1
trans-1,2-Dichloroethene	ND		0.79	0.091	ug/m3			01/04/25 11:21	1
n-Hexane	ND		1.8	0.39	ug/m3			01/04/25 11:21	1
1,1-Dichloroethane	ND		0.81	0.10	ug/m3			01/04/25 11:21	1
Methyl Ethyl Ketone	ND		1.5	1.4	ug/m3			01/04/25 11:21	1
cis-1,2-Dichloroethene	0.118	J	0.79	0.083	ug/m3			01/04/25 11:21	1
1,2-Dichloroethene, Total	0.118	J	1.6	0.083	ug/m3			01/04/25 11:21	1
Chloroform	ND		0.98	0.20	ug/m3			01/04/25 11:21	1
Tetrahydrofuran	ND		15	3.8	ug/m3			01/04/25 11:21	1
1,1,1-Trichloroethane	ND		1.1	0.24	ug/m3			01/04/25 11:21	1
Cyclohexane	ND		0.69	0.20	ug/m3			01/04/25 11:21	1
Carbon tetrachloride	ND		1.3	0.14	ug/m3			01/04/25 11:21	1
2,2,4-Trimethylpentane	ND		0.93	0.18	ug/m3			01/04/25 11:21	1
Benzene	ND		0.64	0.14	ug/m3			01/04/25 11:21	1
1,2-Dichloroethane	ND		0.81	0.38	ug/m3			01/04/25 11:21	1
n-Heptane	ND		0.82	0.23	ug/m3			01/04/25 11:21	1
Trichloroethene	ND		1.1	0.13	ug/m3			01/04/25 11:21	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-212559/4
Matrix: Air
Analysis Batch: 212559

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl methacrylate	ND		2.0	0.57	ug/m3			01/04/25 11:21	1
1,2-Dichloropropane	ND		0.92	0.43	ug/m3			01/04/25 11:21	1
1,4-Dioxane	ND		18	0.30	ug/m3			01/04/25 11:21	1
Bromodichloromethane	ND		1.3	0.34	ug/m3			01/04/25 11:21	1
cis-1,3-Dichloropropene	ND		0.91	0.20	ug/m3			01/04/25 11:21	1
methyl isobutyl ketone	ND		2.0	0.53	ug/m3			01/04/25 11:21	1
Toluene	ND		0.75	0.23	ug/m3			01/04/25 11:21	1
trans-1,3-Dichloropropene	ND		0.91	0.25	ug/m3			01/04/25 11:21	1
1,1,2-Trichloroethane	ND		1.1	0.40	ug/m3			01/04/25 11:21	1
Tetrachloroethene	ND		1.4	0.14	ug/m3			01/04/25 11:21	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.61	ug/m3			01/04/25 11:21	1
Dibromochloromethane	ND		1.7	0.54	ug/m3			01/04/25 11:21	1
1,2-Dibromoethane	ND		1.5	0.32	ug/m3			01/04/25 11:21	1
Chlorobenzene	ND		0.92	0.20	ug/m3			01/04/25 11:21	1
Ethylbenzene	ND		0.87	0.30	ug/m3			01/04/25 11:21	1
m,p-Xylene	ND		2.2	0.41	ug/m3			01/04/25 11:21	1
Xylene, o-	ND		0.87	0.27	ug/m3			01/04/25 11:21	1
Xylene (total)	ND		3.0	0.23	ug/m3			01/04/25 11:21	1
Styrene	ND		0.85	0.25	ug/m3			01/04/25 11:21	1
Bromoform	ND		2.1	1.2	ug/m3			01/04/25 11:21	1
Cumene	ND		0.98	0.20	ug/m3			01/04/25 11:21	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.30	ug/m3			01/04/25 11:21	1
n-Propylbenzene	ND		0.98	0.23	ug/m3			01/04/25 11:21	1
4-Ethyltoluene	ND		0.98	0.24	ug/m3			01/04/25 11:21	1
1,3,5-Trimethylbenzene	ND		0.98	0.23	ug/m3			01/04/25 11:21	1
2-Chlorotoluene	ND		1.0	0.24	ug/m3			01/04/25 11:21	1
tert-Butylbenzene	ND		1.1	0.26	ug/m3			01/04/25 11:21	1
1,2,4-Trimethylbenzene	ND		0.98	0.39	ug/m3			01/04/25 11:21	1
sec-Butylbenzene	ND		1.1	0.25	ug/m3			01/04/25 11:21	1
4-Isopropyltoluene	ND		1.1	0.33	ug/m3			01/04/25 11:21	1
1,3-Dichlorobenzene	ND		1.2	0.44	ug/m3			01/04/25 11:21	1
1,4-Dichlorobenzene	ND		1.2	0.54	ug/m3			01/04/25 11:21	1
Benzyl chloride	ND		1.0	0.46	ug/m3			01/04/25 11:21	1
n-Butylbenzene	ND		1.1	0.60	ug/m3			01/04/25 11:21	1
1,2-Dichlorobenzene	ND		1.2	0.40	ug/m3			01/04/25 11:21	1
1,2,4-Trichlorobenzene	ND		3.7	2.4	ug/m3			01/04/25 11:21	1
Hexachlorobutadiene	ND		2.1	1.2	ug/m3			01/04/25 11:21	1
Naphthalene	ND		2.6	1.6	ug/m3			01/04/25 11:21	1

Lab Sample ID: LCS 200-212559/3
Matrix: Air
Analysis Batch: 212559

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dichlorodifluoromethane	49.4	52.4		ug/m3		106	61 - 142
Freon 22	35.4	38.5		ug/m3		109	60 - 147
1,2-Dichlorotetrafluoroethane	69.9	76.4		ug/m3		109	71 - 141
Chloromethane	20.6	22.9		ug/m3		111	56 - 141
n-Butane	23.8	23.1		ug/m3		97	53 - 151

Client: GHD Services Inc.
Project/Site: 12616852, GM-Lockport Air 256042

Job ID: 480-226507-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-212559/3
Matrix: Air
Analysis Batch: 212559

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Vinyl chloride	25.6	23.3		ug/m3		91	61 - 135
1,3-Butadiene	22.1	19.2		ug/m3		87	58 - 139
Bromomethane	38.8	42.1		ug/m3		108	72 - 124
Chloroethane	26.4	28.7		ug/m3		109	68 - 130
Bromoethene(Vinyl Bromide)	43.7	47.9		ug/m3		109	75 - 125
Trichlorofluoromethane	56.2	58.3		ug/m3		104	70 - 129
Freon TF	76.6	73.9		ug/m3		97	70 - 121
1,1-Dichloroethene	39.6	39.8		ug/m3		100	68 - 120
Acetone	23.7	23.1		ug/m3		97	54 - 154
Isopropyl alcohol	24.6	26.3		ug/m3		107	53 - 142
Carbon disulfide	31.1	30.4		ug/m3		98	71 - 138
3-Chloropropene	31.3	24.1		ug/m3		77	50 - 150
Methylene Chloride	34.7	33.8		ug/m3		97	59 - 137
tert-Butyl alcohol	30.3	28.6		ug/m3		94	66 - 132
Methyl tert-butyl ether	36.0	36.0		ug/m3		100	70 - 127
trans-1,2-Dichloroethene	39.6	39.8		ug/m3		100	69 - 137
n-Hexane	35.2	35.6		ug/m3		101	63 - 138
1,1-Dichloroethane	40.5	38.9		ug/m3		96	66 - 130
Methyl Ethyl Ketone	29.5	27.6		ug/m3		94	72 - 124
cis-1,2-Dichloroethene	39.6	38.6		ug/m3		97	72 - 121
Chloroform	48.8	47.0		ug/m3		96	73 - 124
Tetrahydrofuran	29.5	28.5		ug/m3		97	60 - 149
1,1,1-Trichloroethane	54.6	53.5		ug/m3		98	72 - 127
Cyclohexane	34.4	34.4		ug/m3		100	76 - 124
Carbon tetrachloride	62.9	62.7		ug/m3		100	71 - 133
2,2,4-Trimethylpentane	46.7	48.3		ug/m3		103	68 - 131
Benzene	31.9	31.6		ug/m3		99	73 - 119
1,2-Dichloroethane	40.5	38.5		ug/m3		95	68 - 135
n-Heptane	41.0	43.3		ug/m3		106	60 - 142
Trichloroethene	53.7	53.2		ug/m3		99	73 - 122
Methyl methacrylate	40.9	40.0		ug/m3		98	73 - 129
1,2-Dichloropropane	46.2	45.8		ug/m3		99	69 - 128
1,4-Dioxane	36.0	30.6		ug/m3		85	66 - 129
Bromodichloromethane	67.0	64.9		ug/m3		97	75 - 127
cis-1,3-Dichloropropene	45.4	45.2		ug/m3		100	74 - 125
methyl isobutyl ketone	41.0	41.7		ug/m3		102	58 - 144
Toluene	37.7	38.6		ug/m3		102	75 - 122
trans-1,3-Dichloropropene	45.4	48.2		ug/m3		106	74 - 128
1,1,2-Trichloroethane	54.6	54.1		ug/m3		99	75 - 126
Tetrachloroethene	67.8	71.7		ug/m3		106	70 - 125
Methyl Butyl Ketone (2-Hexanone)	41.0	42.5		ug/m3		104	57 - 143
Dibromochloromethane	85.2	79.9		ug/m3		94	73 - 125
1,2-Dibromoethane	76.8	76.0		ug/m3		99	78 - 122
Chlorobenzene	46.0	45.8		ug/m3		100	76 - 119
Ethylbenzene	43.4	44.0		ug/m3		101	74 - 122
m,p-Xylene	86.8	90.2		ug/m3		104	76 - 121
Xylene, o-	43.4	46.0		ug/m3		106	73 - 123
Styrene	42.6	44.9		ug/m3		106	74 - 125

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-212559/3
Matrix: Air
Analysis Batch: 212559

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromoform	103	83.3		ug/m3		81	53 - 149
Cumene	49.1	51.8		ug/m3		105	73 - 123
1,1,2,2-Tetrachloroethane	68.6	66.6		ug/m3		97	74 - 126
n-Propylbenzene	49.1	50.8		ug/m3		103	73 - 127
4-Ethyltoluene	49.2	52.4		ug/m3		107	75 - 129
1,3,5-Trimethylbenzene	49.2	51.4		ug/m3		105	72 - 126
2-Chlorotoluene	51.8	51.7		ug/m3		100	74 - 126
tert-Butylbenzene	54.9	57.7		ug/m3		105	71 - 125
1,2,4-Trimethylbenzene	49.2	51.6		ug/m3		105	71 - 129
sec-Butylbenzene	54.9	58.2		ug/m3		106	70 - 128
4-Isopropyltoluene	54.9	58.1		ug/m3		106	68 - 130
1,3-Dichlorobenzene	60.1	61.5		ug/m3		102	69 - 131
1,4-Dichlorobenzene	60.1	62.1		ug/m3		103	67 - 132
Benzyl chloride	51.8	51.4		ug/m3		99	60 - 136
n-Butylbenzene	54.9	57.5		ug/m3		105	65 - 137
1,2-Dichlorobenzene	60.1	61.3		ug/m3		102	68 - 129
1,2,4-Trichlorobenzene	74.2	80.7		ug/m3		109	50 - 150
Hexachlorobutadiene	107	125		ug/m3		117	58 - 130
Naphthalene	52.4	56.6		ug/m3		108	50 - 150

QC Association Summary

Client: GHD Services Inc.
Job ID: 480-226507-1
Project/Site: 12616852, GM-Lockport Air 256042

Air - GC/MS VOA

Analysis Batch: 212534

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-226507-1	OA-10-121824	Total/NA	Air	TO-15	
480-226507-2	IA-10-1-121824	Total/NA	Air	TO-15	
480-226507-3	IA-10-2-121824	Total/NA	Air	TO-15	
MB 200-212534/4	Method Blank	Total/NA	Air	TO-15	
LCS 200-212534/3	Lab Control Sample	Total/NA	Air	TO-15	

Analysis Batch: 212559

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-226507-2 - DL	IA-10-1-121824	Total/NA	Air	TO-15	
480-226507-3 - DL	IA-10-2-121824	Total/NA	Air	TO-15	
MB 200-212559/4	Method Blank	Total/NA	Air	TO-15	
LCS 200-212559/3	Lab Control Sample	Total/NA	Air	TO-15	

Lab Chronicle

Client: GHD Services Inc.
Project/Site: 12616852, GM-Lockport Air 256042

Job ID: 480-226507-1

Client Sample ID: OA-10-121824

Lab Sample ID: 480-226507-1

Date Collected: 12/18/24 15:10

Matrix: Air

Date Received: 12/20/24 11:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	212534	A1B	EET BUR	01/03/25 14:14

Client Sample ID: IA-10-1-121824

Lab Sample ID: 480-226507-2

Date Collected: 12/18/24 12:20

Matrix: Air

Date Received: 12/20/24 11:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	212534	A1B	EET BUR	01/03/25 15:06
Total/NA	Analysis	TO-15	DL	10	212559	K1P	EET BUR	01/04/25 14:05

Client Sample ID: IA-10-2-121824

Lab Sample ID: 480-226507-3

Date Collected: 12/18/24 16:00

Matrix: Air

Date Received: 12/20/24 11:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	212534	A1B	EET BUR	01/03/25 15:57
Total/NA	Analysis	TO-15	DL	10	212559	K1P	EET BUR	01/04/25 14:57

Laboratory References:

EET BUR = Eurofins Burlington, 530 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Accreditation/Certification Summary

Client: GHD Services Inc. Job ID: 480-226507-1
Project/Site: 12616852, GM-Lockport Air 256042

Laboratory: Eurofins Burlington

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10391	03-31-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
TO-15		Air	1,2-Dichloroethene, Total
TO-15		Air	4-Ethyltoluene
TO-15		Air	4-Isopropyltoluene
TO-15		Air	Freon 22
TO-15		Air	Methyl Butyl Ketone (2-Hexanone)
TO-15		Air	n-Butane
TO-15		Air	n-Butylbenzene
TO-15		Air	n-Propylbenzene
TO-15		Air	sec-Butylbenzene
TO-15		Air	tert-Butylbenzene
TO-15		Air	Tetrahydrofuran

Method Summary

Client: GHD Services Inc.
Project/Site: 12616852, GM-Lockport Air 256042

Job ID: 480-226507-1

Method	Method Description	Protocol	Laboratory
TO-15	Volatile Organic Compounds in Ambient Air	EPA	EET BUR

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

EET BUR = Eurofins Burlington, 530 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Sample Summary

Client: GHD Services Inc.
Job ID: 480-226507-1
Project/Site: 12616852, GM-Lockport Air 256042

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-226507-1	OA-10-121824	Air	12/18/24 15:10	12/20/24 11:20	Air Canister (6-Liter) #4820
480-226507-2	IA-10-1-121824	Air	12/18/24 12:20	12/20/24 11:20	Air Canister (6-Liter) #4871
480-226507-3	IA-10-2-121824	Air	12/18/24 16:00	12/20/24 11:20	Air Canister (6-Liter) #34001655

Eurofins TestAmerica, Burlington
530 Community Drive
Suite 11
South Burlington, VT 05403-6809
phone 802 660.1990 fax 802 660.1919

Canister Samples Chain of Custody Record

TestAmerica Laboratories, Inc. assumes no liability with respect to the collection and shipment of these samples

480-226507 Chain of Custody

Te

Client Contact Information	Client Project Manager: Thomas Bohlen	Samples Collected By: Morgan Brown	COC No
Company Name GZA	Phone:		1 of 1 COCs
Address 300 Pearl St. #700	Email: Thomas.bohlen@gza.com		TALS Project #
City/State/Zip Buffalo, NY, 14203			For Lab Use Only:
Phone 716 805 5717	Site Contact: Morgan Brown		Walk-in Client:
FAX	Tel/Fax 716 805 5717		Lab Sampling.
Project Name GMCH Monthly IA	Analysis Turnaround Time		Job / SDG No
Site/Location 200 Upper Mountain Rd	Standard (Specific). X		(See below for Add'l Items)
P O # 21.0056546.10	Rush (Specifiy):		

Sample Identification	Sample Start Date	Time Start	Sample End Date	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-14/15 (Standard / Low Level)	TO-15 SIM	EPA 3C	EPA 25C	ASTM D-1946	EPA 15/16	Other (Please specify in notes section)	Sample Type	Indoor Air/Ambient Air	Sub-Slab	Soil Gas	Soil Vapor Extraction (SVE)	Landfill Gas	Other (Please specify in notes section)	Sample Specific Notes:
OA-10-121824	12/18/24	0756	12/18/24	1510	28	5	7496	4820	X														See D. Heckler
IA-B-1-121824	1	0802	1	1220	29	5	5175	4871		X													For reporting
IA-10-2-121824	1	0804	1	1600	30	5	3936	3900655		X													

Temperature (Fahrenheit)			
Start	Interior ~~70~~	Ambient 35	
Stop	70	~~36~~	

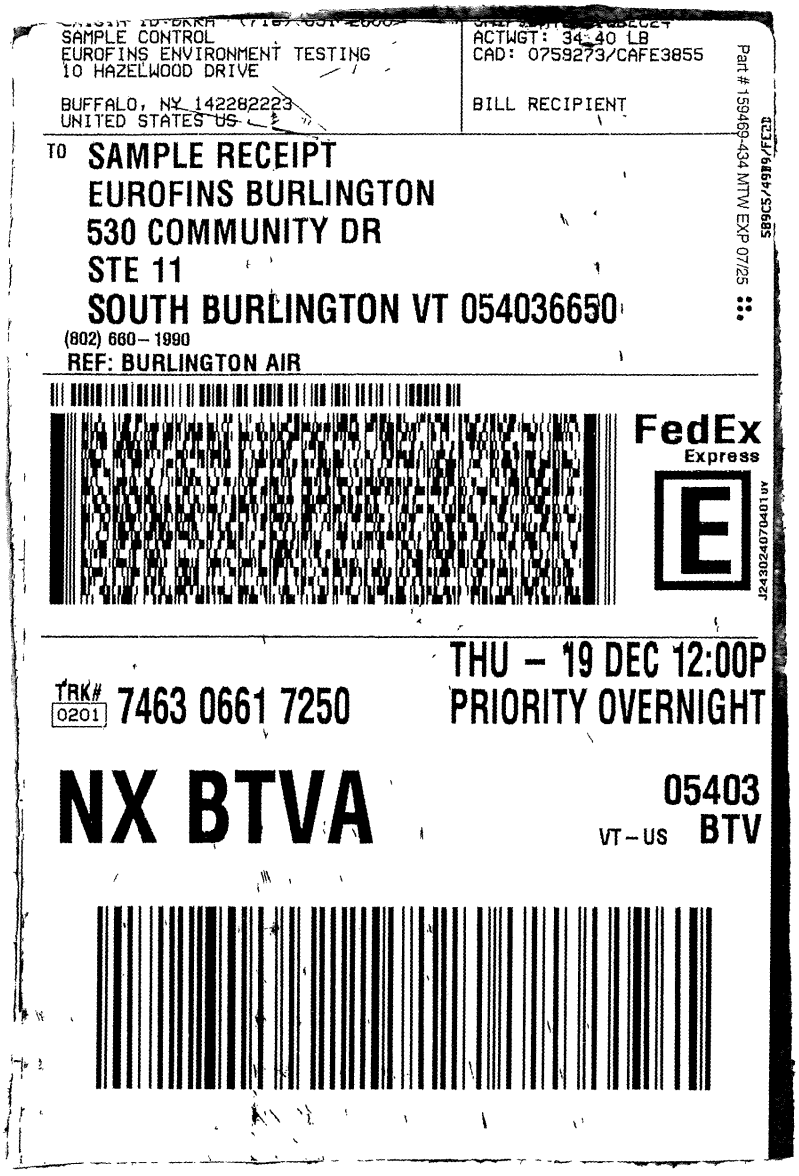
Pressure (inches of Hg)			
Start	Interior 30.20	Ambient 30.20	
Stop	~~00.85~~	30 ~~20~~	

Special Instructions/QC Requirements & Comments:

Samples Shipped by:	Date / Time: 12/18/24 1620	Samples Received by:	
Samples Relinquished by:	Date / Time: 12/18/24 1700	Received by: FEDEX 12/20/24 1120	
Relinquished by:	Date / Time:	Received by:	

Lab Use Only: Shipper Name: Opened by: Condition:

Form No. CA-C-WI-003, Rev. 2.28, dated 1/8/2021


SAMPLE CONTROL
EUROFINS ENVIRONMENT TESTING
10 HAZELWOOD DRIVE
BUFFALO, NY 142282223
UNITED STATES US
ACTWGT: 34.40 LB
CAD: 0759273/CAFE3855
BILL RECIPIENT
Part # 159469-434 MTW EXP 07/25
TO SAMPLE RECEIPT
EUROFINS BURLINGTON
530 COMMUNITY DR
STE 11
SOUTH BURLINGTON VT 054036650
(802) 660-1990
REF: BURLINGTON AIR
FedEx
Express
TRK# 0201 7463 0661 7250
THU - 19 DEC 12:00P
PRIORITY OVERNIGHT
NX BTVA
05403
VT-US
BTV

Login Sample Receipt Checklist

Client: GHD Services Inc.

Job Number: 480-226507-1

Login Number: 226507
List Number: 1
Creator: Reynolds, Jamie K

List Source: Eurofins Buffalo

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	N/A	Not present
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.	N/A	Thermal preservation not required.
Cooler Temperature is acceptable.	N/A	
Cooler Temperature is recorded.	N/A	Thermal preservation not required.
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.	N/A	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Pre-Shipment Clean Canister Certification Report

Canister Cleaning & Pre-Shipment Leak Test

System ID	Max DF#	# Cycles	Cleaning Start Date/Time		System Start Temp(s):		Technician	Can Size	Certification Type:
Oven 3/4	10		12/9/2024	1308	22	22	SML	6 liter	batch

Port	Can ID	Initial[1] (psia)	Final (psia)	Diff.[3]	Final ("Hg)	Initial Reading Gauge:	Date:	Time:	Tech:	Temp:	Final Reading Gauge:	Date:	Time:	Tech:	Temp:
1	4871	Ø	Ø	Ø	29.6	GA01	12/10/24	1227	←	22.0	GA01	12/11/24	1152	←	22.0
2	4476		Ø	Ø		GA01					GA01				
3	5962		Ø	Ø		GA01					GA01				
4	2598		Ø	Ø		GA01					GA01				
5	34001655	←	Ø	Ø	↓	GA01	↓	↓	↓	↓	GA01	↓	↓	↓	↓
6	5695	Ø	Ø	Ø	30.9	GA01	12/11/24	1152	←	22.0	GA01	12/14/24	1052	←	22.0
7	2622	Ø	Ø	Ø	29.6	GA01	12/10/24	1227	←	22.0	GA01	12/11/24	1152	←	22.0
8	4820		.19	.19		GA01					GA01				
9	3835		Ø	Ø		GA01					GA01				
10	4347		.20	.20		GA01					GA01				
11	5983		.23	.23		GA01					GA01				
12	5620	←	Ø	Ø	↓	GA01	↓	↓	↓	↓	GA01	↓	↓	↓	↓

[1] Batch Certification: The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.

[3] Difference = Final Pressure - Initial Pressure . Acceptance Criteria: (1) The difference must be less than or equal to + 0.25psi. (2) Pressure readings must be at least 24 hours apart.

If time frame was not met, the PM must authorize shipment of canister **PM Authorization** **Date:**

Clean Canister Certification Analysis & Authorization of Release to Inventory

Test Method: ☒ TO15 Routine ☐ TO15 LL

Can ID	Date	Sequence	Analyst	Inventory Level 1	2	3	4	Secondary Review Limited	Review Date	Reviewer
5695	12/11/24	63297	KPI		XXXXXXX				12/11/24	JPB

Inventory Level 1: Individual Canister Certification (TO15LL 0.01).

Inventory Level 2: Individual or Batch Certification (TO15 0.04 ppbv).

Inventory Level 3: Individual or Batch Certification (TO15 0.2 ppbv).

Inventory Level Limited: Canisters may only be used for certain projects.

Dup Tees/Vac gauges (enter IDs if included):

Comments:

Form ID: FAI023:12
Revision Date: 12/18/2018

200-76176-A-6
6695
Location: Air-Storage
Bottle: Summa Canister 6L
Sampled: 12/9/2024 12:00 AM 200-1864748
Loc: 200
76176
#6 A
Air-Storag

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76176-1

SDG No.:

Client Sample ID: 5695 Lab Sample ID: 200-76176-6

Matrix: Air Lab File ID: 63297-25.d

Analysis Method: TO-15 Date Collected: 12/09/2024 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 12/11/2024 04:48

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 211862 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.028	U	0.028	0.028
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.028	U	0.028	0.028
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.10	U	0.10	0.10
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.028	U	0.028	0.028
540-59-0	1,2-Dichloroethene, Total	0.080	U	0.080	0.080
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76176-1

SDG No.:

Client Sample ID: 5695 Lab Sample ID: 200-76176-6

Matrix: Air Lab File ID: 63297-25.d

Analysis Method: TO-15 Date Collected: 12/09/2024 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 12/11/2024 04:48

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 211862 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.028	U	0.028	0.028
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.028	U	0.028	0.028
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.14	U	0.14	0.14
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76176-1

SDG No.:

Client Sample ID: 5695 Lab Sample ID: 200-76176-6

Matrix: Air Lab File ID: 63297-25.d

Analysis Method: TO-15 Date Collected: 12/09/2024 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 12/11/2024 04:48

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 211862 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20241210-63297.b\63297-25.d
Lims ID: 200-76176-A-6
Client ID: 5695
Sample Type: Client
Inject. Date: 11-Dec-2024 04:48:30 ALS Bottle#: 24 Worklist Smp#: 25
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0063297-025
Operator ID: vtp Instrument ID: CHW.i

Method: \\chromfs\Burlington\ChromData\CHW.i\20241210-63297.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 11-Dec-2024 08:55:10 Calib Date: 04-Dec-2024 09:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20241203-63216.b\63216-20.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1613

First Level Reviewer: BKZ7 Date: 11-Dec-2024 08:55:10

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	1 Propene	41		4.072				ND	
	2 Dichlorodifluoromethane	85		4.168				ND	
	3 Chlorodifluoromethane	51		4.206				ND	
	4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.511				ND	
	5 Chloromethane	50		4.623				ND	7
	6 Vinyl chloride	62		4.917				ND	
	7 Butane	43		4.923				ND	7
	8 Butadiene	54		5.030				ND	
	9 Bromomethane	94		5.773				ND	
	10 Chloroethane	64		6.067				ND	
	13 Vinyl bromide	106		6.544				ND	
	14 Trichlorofluoromethane	101		6.726				ND	
	16 Ethanol	45		7.170				ND	
	20 1,1-Dichloroethene	96		7.967				ND	
	21 1,1,2-Trichloro-1,2,2-trifluoroe	101		8.015				ND	
	22 Acetone	43		8.052				ND	
	23 Isopropyl alcohol	45		8.411				ND	
	24 Carbon disulfide	76	8.459	8.454	0.006	94	944	0.0191	
	26 3-Chloro-1-propene	41		8.796				ND	
	27 Methylene Chloride	49		9.074				ND	7
	28 2-Methyl-2-propanol	59		9.325				ND	
	31 Methyl tert-butyl ether	73		9.684				ND	
	30 trans-1,2-Dichloroethene	61		9.684				ND	
S	35 1,2-Dichloroethene, Total	61		10.200				ND	7
	32 Hexane	57		10.288				ND	
	33 1,1-Dichloroethane	63		10.583				ND	
	34 Vinyl acetate	43		10.588				ND	
	36 2-Butanone (MEK)	72		11.679				ND	
	37 cis-1,2-Dichloroethene	96		11.717				ND	
	38 Ethyl acetate	88		11.776				ND	
*	39 Chlorobromomethane	128	12.187	12.182	0.005	87	137516	10.0	
	40 Tetrahydrofuran	42		12.236				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
41 Chloroform	83		12.375				ND	
42 1,1,1-Trichloroethane	97		12.723				ND	
43 Cyclohexane	84		12.883				ND	
44 Carbon tetrachloride	117		13.033				ND	
45 Benzene	78		13.407				ND	
46 1,2-Dichloroethane	62		13.482				ND	
47 Isooctane	57		13.637				ND	
48 n-Heptane	43		13.964				ND	
* 49 1,4-Difluorobenzene	114	14.194	14.188	0.006	93	675769	10.0	
51 Trichloroethene	95		14.659				ND	
53 1,2-Dichloropropane	63		15.141				ND	
54 Methyl methacrylate	69		15.215				ND	
55 1,4-Dioxane	88		15.269				ND	
57 Dibromomethane	174		15.312				ND	
58 Dichlorobromomethane	83		15.627				ND	
59 cis-1,3-Dichloropropene	75		16.467				ND	
61 4-Methyl-2-pentanone (MIBK)	43		16.719				ND	
62 Toluene	92		17.141				ND	
66 trans-1,3-Dichloropropene	75		17.553				ND	
67 1,1,2-Trichloroethane	83		17.944				ND	
68 Tetrachloroethene	166		18.174				ND	
69 2-Hexanone	43		18.340				ND	
70 Chlorodibromomethane	129		18.720				ND	
71 Ethylene Dibromide	107		18.976				ND	
* 73 Chlorobenzene-d5	117	19.907	19.902	0.005	84	599463	10.0	
74 Chlorobenzene	112		19.966				ND	
S 80 Xylenes, Total	106		20.100				ND	7
75 Ethylbenzene	91		20.148				ND	MU
76 m-Xylene & p-Xylene	106		20.405				ND	
78 o-Xylene	106		21.111				ND	
79 Styrene	104		21.143				ND	
81 Bromoform	173		21.464				ND	
82 Isopropylbenzene	105		21.731				ND	
83 1,1,2,2-Tetrachloroethane	83		22.191				ND	
85 N-Propylbenzene	91		22.389				ND	
86 2-Chlorotoluene	91		22.539				ND	
87 4-Ethyltoluene	105		22.566				ND	
88 1,3,5-Trimethylbenzene	105		22.652				ND	
91 tert-Butylbenzene	119		23.117				ND	
92 1,2,4-Trimethylbenzene	105		23.197				ND	
93 sec-Butylbenzene	105		23.433				ND	
94 1,3-Dichlorobenzene	146		23.625				ND	
95 4-Isopropyltoluene	119		23.647				ND	
96 1,4-Dichlorobenzene	146		23.775				ND	
97 Benzyl chloride	91		23.925				ND	
98 n-Butylbenzene	91		24.251				ND	
99 1,2-Dichlorobenzene	146		24.310				ND	
102 1,2,4-Trichlorobenzene	180		27.022				ND	
103 Hexachlorobutadiene	225		27.295				ND	
104 Naphthalene	128		27.579				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

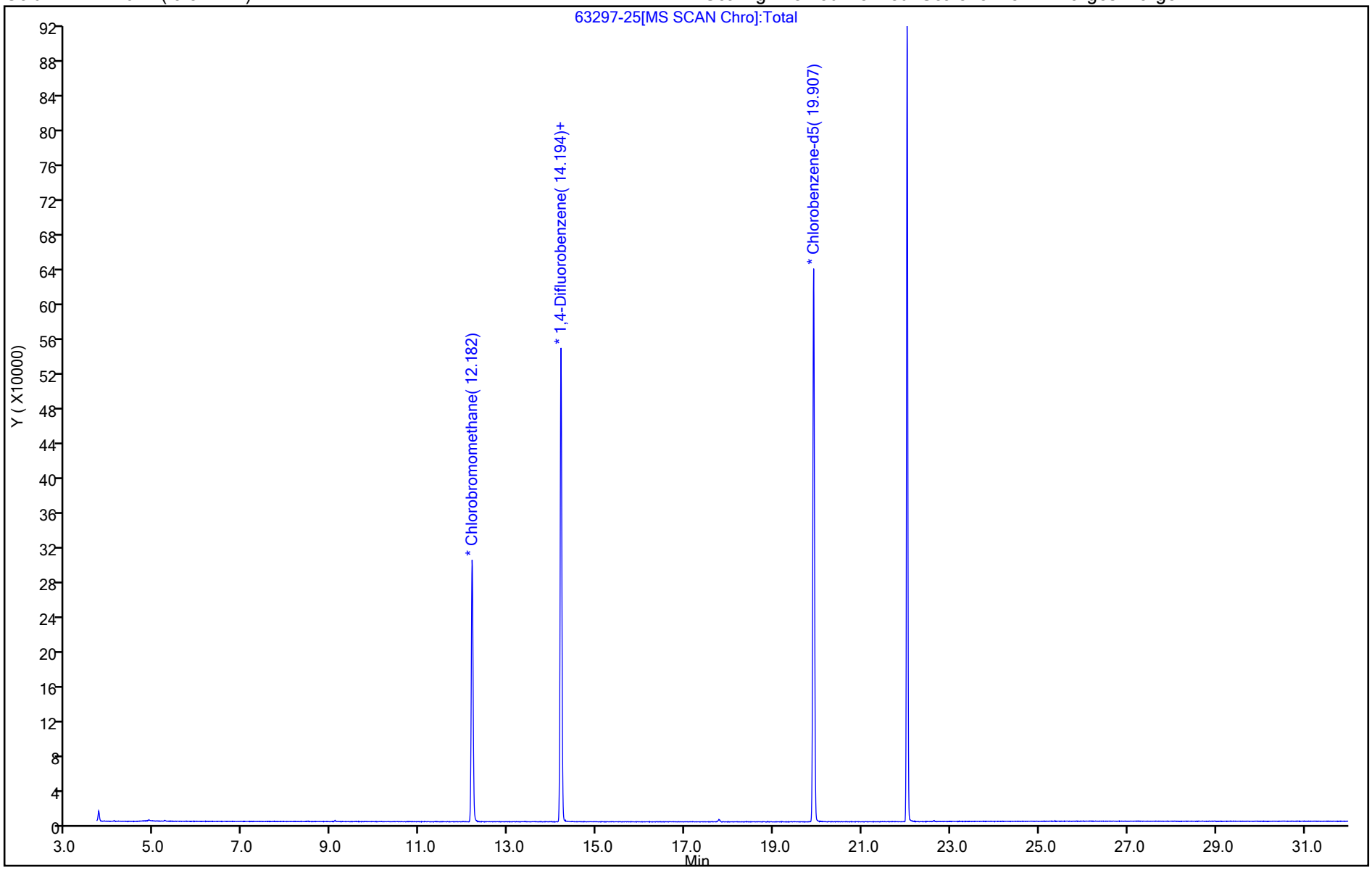
ATTO15WISs_00010 Amount Added: 20.00 Units: mL Run Reagent

Report Date: 11-Dec-2024 08:55:10 Chrom Revision: 2.3 12-Nov-2024 16:55:22

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20241210-63297.b\63297-25.d				
Injection Date:	11-Dec-2024 04:48:30	Instrument ID:	CHW.i	Operator ID:	vtp
Lims ID:	200-76176-A-6	Lab Sample ID:	200-76176-6	Worklist Smp#:	25
Client ID:	5695				
Purge Vol:	200.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	24
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



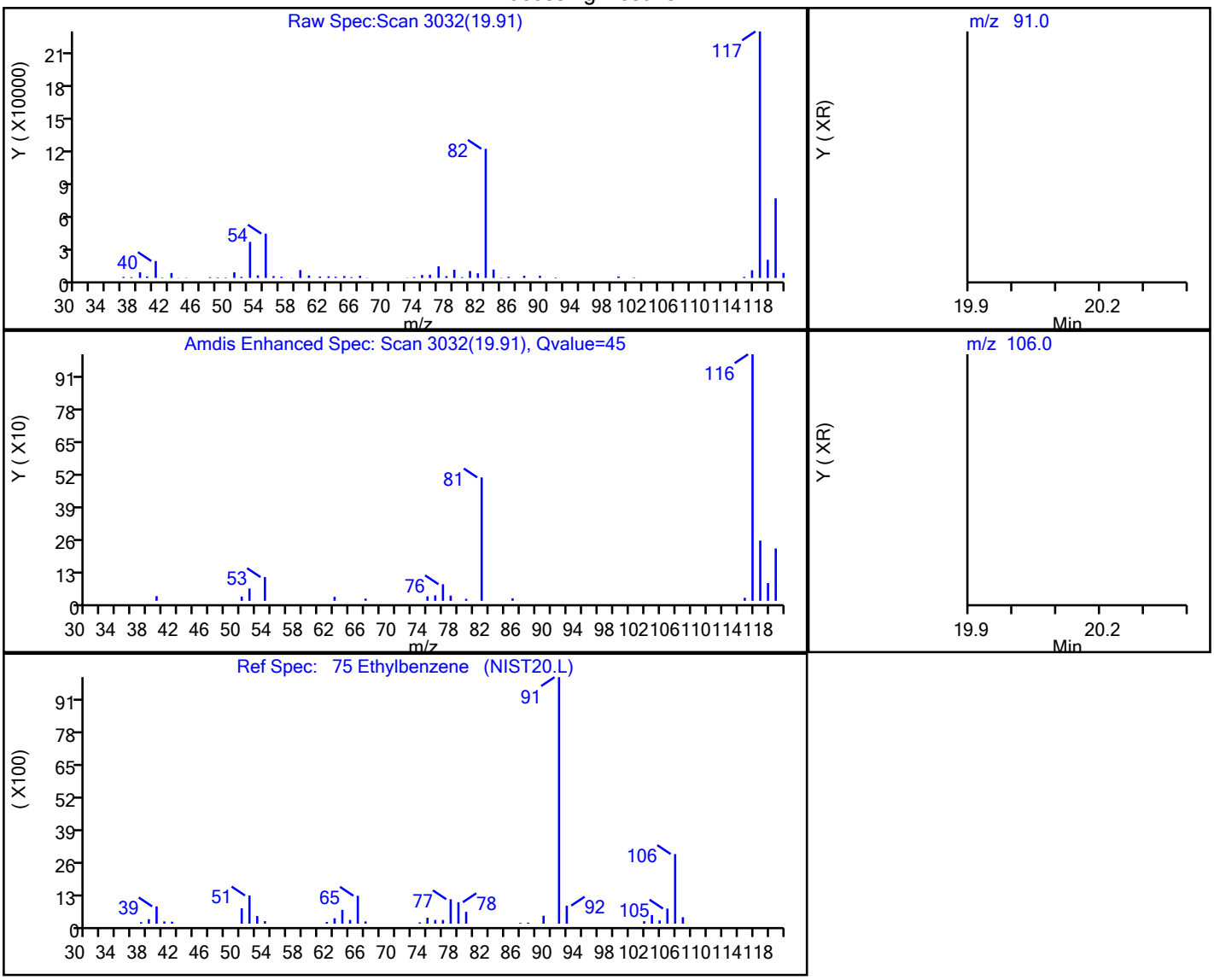
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHW.i\20241210-63297.b\63297-25.d				
Injection Date:	11-Dec-2024 04:48:30	Instrument ID:	CHW.i		
Lims ID:	200-76176-A-6	Lab Sample ID:	200-76176-6		
Client ID:	5695				
Operator ID:	vtp	ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

75 Ethylbenzene, CAS: 100-41-4

Processing Results



RT	Mass	Response	Amount
19.91	91.00	1018	0.010889
20.15	106.00	0	

Reviewer: BKZ7, 11-Dec-2024 08:54:59 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Christopher Arcuri
GHD Services Inc.
2055 Niagara Falls Blvd., Suite 3
Niagara Falls, New York 14304

Generated 8/28/2024 9:15:34 AM

JOB DESCRIPTION

12616852, GM-Lockport Air 256042

JOB NUMBER

480-222809-1

Eurofins Buffalo
10 Hazelwood Drive
Amherst NY 14228-2298

See page two for job notes and contact information.

my EOL

Job Notes

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

Authorization



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8/28/2024 9:15:34 AM

Authorized for release by
Denise Heckler, Project Manager II
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Table of Contents

Cover Page 1
Table of Contents 3
Definitions/Glossary 4
Case Narrative 5
Detection Summary 6
Client Sample Results 8
QC Sample Results 13
QC Association Summary 18
Lab Chronicle 19
Certification Summary 20
Method Summary 21
Sample Summary 22
Canister QC Documents 23
Chain of Custody 24
Receipt Checklists 26
Clean Canister Certification 27
Pre-Ship Certification 27
Clean Canister Data 29
Air Canister Dilution 45

Definitions/Glossary

Client: GHD Services Inc.
Job ID: 480-222809-1
Project/Site: 12616852, GM-Lockport Air 256042

Qualifiers

Air - 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.

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

Job ID: 480-222809-1 Eurofins Buffalo

Job Narrative
480-222809-1

Receipt
The samples were received on 8/23/2024 10:40 AM. Unless otherwise noted below, the samples arrived in good condition.

Receipt Exceptions
During the canister pressure check performed upon receipt, it was observed that the following samples were received at an elevated residual vacuum level: IA-10-1-082124 (480-222809-2) and IA-10-2-082124 (480-222809-3). The associated flow controller was evaluated upon receipt and was found to be outside the acceptable flow range as compared to the original set flow rate.

Clean nitrogen will be added to the cans to bring the pressures into range. Additional sample volume will be used so the sample RLs will not increase.

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

Detection Summary

Client: GHD Services Inc.
Job ID: 480-222809-1
Project/Site: 12616852, GM-Lockport Air 256042

Client Sample ID: OA-10-082124 — Lab Sample ID: 480-222809-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	1.8	J	2.5	0.54	ug/m3	1		TO-15	Total/NA
Freon 22	1.1	J	1.8	0.42	ug/m3	1		TO-15	Total/NA
Chloromethane	1.1		1.0	0.31	ug/m3	1		TO-15	Total/NA
n-Butane	1.0	J	1.2	0.48	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	0.92	J	1.1	0.28	ug/m3	1		TO-15	Total/NA
Acetone	12		12	3.8	ug/m3	1		TO-15	Total/NA
Carbon disulfide	1.0	J	1.6	0.40	ug/m3	1		TO-15	Total/NA
Methylene Chloride	8.5		1.7	0.63	ug/m3	1		TO-15	Total/NA
n-Hexane	3.7		1.8	0.39	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.28	J	1.3	0.14	ug/m3	1		TO-15	Total/NA
Benzene	0.20	J	0.64	0.14	ug/m3	1		TO-15	Total/NA
n-Heptane	0.38	J	0.82	0.23	ug/m3	1		TO-15	Total/NA
1,4-Dioxane	0.42	J	18	0.30	ug/m3	1		TO-15	Total/NA
Toluene	0.79		0.75	0.23	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	0.28	J	1.4	0.14	ug/m3	1		TO-15	Total/NA

Client Sample ID: IA-10-1-082124 — Lab Sample ID: 480-222809-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	1.6	J	2.5	0.54	ug/m3	1		TO-15	Total/NA
Freon 22	1.9		1.8	0.42	ug/m3	1		TO-15	Total/NA
Chloromethane	1.1		1.0	0.31	ug/m3	1		TO-15	Total/NA
n-Butane	1.1	J	1.2	0.48	ug/m3	1		TO-15	Total/NA
Vinyl chloride	0.16	J	0.51	0.054	ug/m3	1		TO-15	Total/NA
1,3-Butadiene	0.15	J	0.44	0.086	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	0.98	J	1.1	0.28	ug/m3	1		TO-15	Total/NA
Freon TF	0.47	J	1.5	0.41	ug/m3	1		TO-15	Total/NA
Acetone	95		12	3.8	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	6.6	J	12	3.9	ug/m3	1		TO-15	Total/NA
Carbon disulfide	0.64	J	1.6	0.40	ug/m3	1		TO-15	Total/NA
Methylene Chloride	9.1		1.7	0.63	ug/m3	1		TO-15	Total/NA
n-Hexane	44		1.8	0.39	ug/m3	1		TO-15	Total/NA
cis-1,2-Dichloroethene	0.94		0.79	0.083	ug/m3	1		TO-15	Total/NA
1,2-Dichloroethene, Total	0.94	J	1.6	0.083	ug/m3	1		TO-15	Total/NA
Cyclohexane	4.6		0.69	0.20	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.30	J	1.3	0.14	ug/m3	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.78	J	0.93	0.18	ug/m3	1		TO-15	Total/NA
Benzene	0.78		0.64	0.14	ug/m3	1		TO-15	Total/NA
n-Heptane	0.48	J	0.82	0.23	ug/m3	1		TO-15	Total/NA
Trichloroethene	1.1		1.1	0.13	ug/m3	1		TO-15	Total/NA
Toluene	68		0.75	0.23	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	13		1.4	0.14	ug/m3	1		TO-15	Total/NA
Chlorobenzene	0.33	J	0.92	0.20	ug/m3	1		TO-15	Total/NA
Ethylbenzene	0.35	J	0.87	0.30	ug/m3	1		TO-15	Total/NA
m,p-Xylene	1.1	J	2.2	0.41	ug/m3	1		TO-15	Total/NA
Xylene, o-	0.36	J	0.87	0.27	ug/m3	1		TO-15	Total/NA
Xylene (total)	1.5	J	3.0	0.23	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.45	J	0.98	0.39	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: GHD Services Inc.
Job ID: 480-222809-1
Project/Site: 12616852, GM-Lockport Air 256042

Client Sample ID: IA-10-2-082124
Lab Sample ID: 480-222809-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	1.6	J	2.5	0.54	ug/m3	1		TO-15	Total/NA
Freon 22	1.7	J	1.8	0.42	ug/m3	1		TO-15	Total/NA
Chloromethane	1.3		1.0	0.31	ug/m3	1		TO-15	Total/NA
n-Butane	2.9		1.2	0.48	ug/m3	1		TO-15	Total/NA
Vinyl chloride	0.20	J	0.51	0.054	ug/m3	1		TO-15	Total/NA
1,3-Butadiene	0.14	J	0.44	0.086	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.1		1.1	0.28	ug/m3	1		TO-15	Total/NA
Freon TF	0.43	J	1.5	0.41	ug/m3	1		TO-15	Total/NA
Acetone	95		12	3.8	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	8.9	J	12	3.9	ug/m3	1		TO-15	Total/NA
Methylene Chloride	60		1.7	0.63	ug/m3	1		TO-15	Total/NA
trans-1,2-Dichloroethene	0.17	J	0.79	0.091	ug/m3	1		TO-15	Total/NA
n-Hexane	64		1.8	0.39	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone	2.0		1.5	1.4	ug/m3	1		TO-15	Total/NA
cis-1,2-Dichloroethene	1.1		0.79	0.083	ug/m3	1		TO-15	Total/NA
1,2-Dichloroethene, Total	1.3	J	1.6	0.083	ug/m3	1		TO-15	Total/NA
Cyclohexane	4.3		0.69	0.20	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.17	J	1.3	0.14	ug/m3	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.74	J	0.93	0.18	ug/m3	1		TO-15	Total/NA
Benzene	0.78		0.64	0.14	ug/m3	1		TO-15	Total/NA
n-Heptane	1.2		0.82	0.23	ug/m3	1		TO-15	Total/NA
Trichloroethene	0.97	J	1.1	0.13	ug/m3	1		TO-15	Total/NA
Toluene	63		0.75	0.23	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	8.1		1.4	0.14	ug/m3	1		TO-15	Total/NA
Chlorobenzene	0.27	J	0.92	0.20	ug/m3	1		TO-15	Total/NA
Ethylbenzene	0.63	J	0.87	0.30	ug/m3	1		TO-15	Total/NA
m,p-Xylene	2.4		2.2	0.41	ug/m3	1		TO-15	Total/NA
Xylene, o-	0.71	J	0.87	0.27	ug/m3	1		TO-15	Total/NA
Xylene (total)	3.1		3.0	0.23	ug/m3	1		TO-15	Total/NA
Styrene	0.53	J	0.85	0.25	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.86	J	0.98	0.39	ug/m3	1		TO-15	Total/NA
Naphthalene	1.7	J	2.6	1.6	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client: GHD Services Inc.
Project/Site: 12616852, GM-Lockport Air 256042

Job ID: 480-222809-1

Client Sample ID: OA-10-082124
Date Collected: 08/21/24 16:37
Date Received: 08/23/24 10:40
Sample Container: Summa Canister 6L

Lab Sample ID: 480-222809-1
Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**1.8**	**J**	2.5	0.54	ug/m3			08/23/24 19:10	1
Freon 22	**1.1**	**J**	1.8	0.42	ug/m3			08/23/24 19:10	1
1,2-Dichlorotetrafluoroethane	ND		1.4	0.34	ug/m3			08/23/24 19:10	1
Chloromethane	**1.1**		1.0	0.31	ug/m3			08/23/24 19:10	1
n-Butane	**1.0**	**J**	1.2	0.48	ug/m3			08/23/24 19:10	1
Vinyl chloride	ND		0.51	0.054	ug/m3			08/23/24 19:10	1
1,3-Butadiene	ND		0.44	0.086	ug/m3			08/23/24 19:10	1
Bromomethane	ND		0.78	0.28	ug/m3			08/23/24 19:10	1
Chloroethane	ND		1.3	0.47	ug/m3			08/23/24 19:10	1
Bromoethene(Vinyl Bromide)	ND		0.87	0.22	ug/m3			08/23/24 19:10	1
Trichlorofluoromethane	**0.92**	**J**	1.1	0.28	ug/m3			08/23/24 19:10	1
Freon TF	ND		1.5	0.41	ug/m3			08/23/24 19:10	1
1,1-Dichloroethene	ND		0.79	0.10	ug/m3			08/23/24 19:10	1
Acetone	**12**		12	3.8	ug/m3			08/23/24 19:10	1
Isopropyl alcohol	ND		12	3.9	ug/m3			08/23/24 19:10	1
Carbon disulfide	**1.0**	**J**	1.6	0.40	ug/m3			08/23/24 19:10	1
3-Chloropropene	ND		1.6	0.38	ug/m3			08/23/24 19:10	1
Methylene Chloride	**8.5**		1.7	0.63	ug/m3			08/23/24 19:10	1
tert-Butyl alcohol	ND		15	3.6	ug/m3			08/23/24 19:10	1
Methyl tert-butyl ether	ND		0.72	0.13	ug/m3			08/23/24 19:10	1
trans-1,2-Dichloroethene	ND		0.79	0.091	ug/m3			08/23/24 19:10	1
n-Hexane	**3.7**		1.8	0.39	ug/m3			08/23/24 19:10	1
1,1-Dichloroethane	ND		0.81	0.10	ug/m3			08/23/24 19:10	1
Methyl Ethyl Ketone	ND		1.5	1.4	ug/m3			08/23/24 19:10	1
cis-1,2-Dichloroethene	ND		0.79	0.083	ug/m3			08/23/24 19:10	1
1,2-Dichloroethene, Total	ND		1.6	0.083	ug/m3			08/23/24 19:10	1
Chloroform	ND		0.98	0.20	ug/m3			08/23/24 19:10	1
Tetrahydrofuran	ND		15	3.8	ug/m3			08/23/24 19:10	1
1,1,1-Trichloroethane	ND		1.1	0.24	ug/m3			08/23/24 19:10	1
Cyclohexane	ND		0.69	0.20	ug/m3			08/23/24 19:10	1
Carbon tetrachloride	**0.28**	**J**	1.3	0.14	ug/m3			08/23/24 19:10	1
2,2,4-Trimethylpentane	ND		0.93	0.18	ug/m3			08/23/24 19:10	1
Benzene	**0.20**	**J**	0.64	0.14	ug/m3			08/23/24 19:10	1
1,2-Dichloroethane	ND		0.81	0.38	ug/m3			08/23/24 19:10	1
n-Heptane	**0.38**	**J**	0.82	0.23	ug/m3			08/23/24 19:10	1
Trichloroethene	ND		1.1	0.13	ug/m3			08/23/24 19:10	1
Methyl methacrylate	ND		2.0	0.57	ug/m3			08/23/24 19:10	1
1,2-Dichloropropane	ND		0.92	0.43	ug/m3			08/23/24 19:10	1
1,4-Dioxane	**0.42**	**J**	18	0.30	ug/m3			08/23/24 19:10	1
Bromodichloromethane	ND		1.3	0.34	ug/m3			08/23/24 19:10	1
cis-1,3-Dichloropropene	ND		0.91	0.20	ug/m3			08/23/24 19:10	1
methyl isobutyl ketone	ND		2.0	0.53	ug/m3			08/23/24 19:10	1
Toluene	**0.79**		0.75	0.23	ug/m3			08/23/24 19:10	1
trans-1,3-Dichloropropene	ND		0.91	0.25	ug/m3			08/23/24 19:10	1
1,1,2-Trichloroethane	ND		1.1	0.40	ug/m3			08/23/24 19:10	1
Tetrachloroethene	**0.28**	**J**	1.4	0.14	ug/m3			08/23/24 19:10	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.61	ug/m3			08/23/24 19:10	1
Dibromochloromethane	ND		1.7	0.54	ug/m3			08/23/24 19:10	1

Client: GHD Services Inc.
Job ID: 480-222809-1
Project/Site: 12616852, GM-Lockport Air 256042

Client Sample ID: OA-10-082124
Lab Sample ID: 480-222809-1
Date Collected: 08/21/24 16:37
Matrix: Air
Date Received: 08/23/24 10:40
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		1.5	0.32	ug/m3			08/23/24 19:10	1
Chlorobenzene	ND		0.92	0.20	ug/m3			08/23/24 19:10	1
Ethylbenzene	ND		0.87	0.30	ug/m3			08/23/24 19:10	1
m,p-Xylene	ND		2.2	0.41	ug/m3			08/23/24 19:10	1
Xylene, o-	ND		0.87	0.27	ug/m3			08/23/24 19:10	1
Xylene (total)	ND		3.0	0.23	ug/m3			08/23/24 19:10	1
Styrene	ND		0.85	0.25	ug/m3			08/23/24 19:10	1
Bromoform	ND		2.1	1.2	ug/m3			08/23/24 19:10	1
Cumene	ND		0.98	0.20	ug/m3			08/23/24 19:10	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.30	ug/m3			08/23/24 19:10	1
n-Propylbenzene	ND		0.98	0.23	ug/m3			08/23/24 19:10	1
4-Ethyltoluene	ND		0.98	0.24	ug/m3			08/23/24 19:10	1
1,3,5-Trimethylbenzene	ND		0.98	0.23	ug/m3			08/23/24 19:10	1
2-Chlorotoluene	ND		1.0	0.24	ug/m3			08/23/24 19:10	1
tert-Butylbenzene	ND		1.1	0.26	ug/m3			08/23/24 19:10	1
1,2,4-Trimethylbenzene	ND		0.98	0.39	ug/m3			08/23/24 19:10	1
sec-Butylbenzene	ND		1.1	0.25	ug/m3			08/23/24 19:10	1
4-Isopropyltoluene	ND		1.1	0.33	ug/m3			08/23/24 19:10	1
1,3-Dichlorobenzene	ND		1.2	0.44	ug/m3			08/23/24 19:10	1
1,4-Dichlorobenzene	ND		1.2	0.54	ug/m3			08/23/24 19:10	1
Benzyl chloride	ND		1.0	0.46	ug/m3			08/23/24 19:10	1
n-Butylbenzene	ND		1.1	0.60	ug/m3			08/23/24 19:10	1
1,2-Dichlorobenzene	ND		1.2	0.40	ug/m3			08/23/24 19:10	1
1,2,4-Trichlorobenzene	ND		3.7	2.4	ug/m3			08/23/24 19:10	1
Hexachlorobutadiene	ND		2.1	1.2	ug/m3			08/23/24 19:10	1
Naphthalene	ND		2.6	1.6	ug/m3			08/23/24 19:10	1

Client Sample ID: IA-10-1-082124
Lab Sample ID: 480-222809-2
Date Collected: 08/21/24 16:46
Matrix: Air
Date Received: 08/23/24 10:40
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**1.6**	**J**	2.5	0.54	ug/m3			08/23/24 20:53	1
Freon 22	**1.9**		1.8	0.42	ug/m3			08/23/24 20:53	1
1,2-Dichlorotetrafluoroethane	ND		1.4	0.34	ug/m3			08/23/24 20:53	1
Chloromethane	**1.1**		1.0	0.31	ug/m3			08/23/24 20:53	1
n-Butane	**1.1**	**J**	1.2	0.48	ug/m3			08/23/24 20:53	1
Vinyl chloride	**0.16**	**J**	0.51	0.054	ug/m3			08/23/24 20:53	1
1,3-Butadiene	**0.15**	**J**	0.44	0.086	ug/m3			08/23/24 20:53	1
Bromomethane	ND		0.78	0.28	ug/m3			08/23/24 20:53	1
Chloroethane	ND		1.3	0.47	ug/m3			08/23/24 20:53	1
Bromoethene(Vinyl Bromide)	ND		0.87	0.22	ug/m3			08/23/24 20:53	1
Trichlorofluoromethane	**0.98**	**J**	1.1	0.28	ug/m3			08/23/24 20:53	1
Freon TF	**0.47**	**J**	1.5	0.41	ug/m3			08/23/24 20:53	1
1,1-Dichloroethene	ND		0.79	0.10	ug/m3			08/23/24 20:53	1
Acetone	**95**		12	3.8	ug/m3			08/23/24 20:53	1
Isopropyl alcohol	**6.6**	**J**	12	3.9	ug/m3			08/23/24 20:53	1

Client: GHD Services Inc.
Project/Site: 12616852, GM-Lockport Air 256042

Job ID: 480-222809-1

Client Sample ID: IA-10-1-082124
Date Collected: 08/21/24 16:46
Date Received: 08/23/24 10:40
Sample Container: Summa Canister 6L

Lab Sample ID: 480-222809-2
Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	**0.64**	**J**	1.6	0.40	ug/m3			08/23/24 20:53	1
3-Chloropropene	ND		1.6	0.38	ug/m3			08/23/24 20:53	1
Methylene Chloride	**9.1**		1.7	0.63	ug/m3			08/23/24 20:53	1
tert-Butyl alcohol	ND		15	3.6	ug/m3			08/23/24 20:53	1
Methyl tert-butyl ether	ND		0.72	0.13	ug/m3			08/23/24 20:53	1
trans-1,2-Dichloroethene	ND		0.79	0.091	ug/m3			08/23/24 20:53	1
n-Hexane	**44**		1.8	0.39	ug/m3			08/23/24 20:53	1
1,1-Dichloroethane	ND		0.81	0.10	ug/m3			08/23/24 20:53	1
Methyl Ethyl Ketone	ND		1.5	1.4	ug/m3			08/23/24 20:53	1
cis-1,2-Dichloroethene	**0.94**		0.79	0.083	ug/m3			08/23/24 20:53	1
1,2-Dichloroethene, Total	**0.94**	**J**	1.6	0.083	ug/m3			08/23/24 20:53	1
Chloroform	ND		0.98	0.20	ug/m3			08/23/24 20:53	1
Tetrahydrofuran	ND		15	3.8	ug/m3			08/23/24 20:53	1
1,1,1-Trichloroethane	ND		1.1	0.24	ug/m3			08/23/24 20:53	1
Cyclohexane	**4.6**		0.69	0.20	ug/m3			08/23/24 20:53	1
Carbon tetrachloride	**0.30**	**J**	1.3	0.14	ug/m3			08/23/24 20:53	1
2,2,4-Trimethylpentane	**0.78**	**J**	0.93	0.18	ug/m3			08/23/24 20:53	1
Benzene	**0.78**		0.64	0.14	ug/m3			08/23/24 20:53	1
1,2-Dichloroethane	ND		0.81	0.38	ug/m3			08/23/24 20:53	1
n-Heptane	**0.48**	**J**	0.82	0.23	ug/m3			08/23/24 20:53	1
Trichloroethene	**1.1**		1.1	0.13	ug/m3			08/23/24 20:53	1
Methyl methacrylate	ND		2.0	0.57	ug/m3			08/23/24 20:53	1
1,2-Dichloropropane	ND		0.92	0.43	ug/m3			08/23/24 20:53	1
1,4-Dioxane	ND		18	0.30	ug/m3			08/23/24 20:53	1
Bromodichloromethane	ND		1.3	0.34	ug/m3			08/23/24 20:53	1
cis-1,3-Dichloropropene	ND		0.91	0.20	ug/m3			08/23/24 20:53	1
methyl isobutyl ketone	ND		2.0	0.53	ug/m3			08/23/24 20:53	1
Toluene	**68**		0.75	0.23	ug/m3			08/23/24 20:53	1
trans-1,3-Dichloropropene	ND		0.91	0.25	ug/m3			08/23/24 20:53	1
1,1,2-Trichloroethane	ND		1.1	0.40	ug/m3			08/23/24 20:53	1
Tetrachloroethene	**13**		1.4	0.14	ug/m3			08/23/24 20:53	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.61	ug/m3			08/23/24 20:53	1
Dibromochloromethane	ND		1.7	0.54	ug/m3			08/23/24 20:53	1
1,2-Dibromoethane	ND		1.5	0.32	ug/m3			08/23/24 20:53	1
Chlorobenzene	**0.33**	**J**	0.92	0.20	ug/m3			08/23/24 20:53	1
Ethylbenzene	**0.35**	**J**	0.87	0.30	ug/m3			08/23/24 20:53	1
m,p-Xylene	**1.1**	**J**	2.2	0.41	ug/m3			08/23/24 20:53	1
Xylene, o-	**0.36**	**J**	0.87	0.27	ug/m3			08/23/24 20:53	1
Xylene (total)	**1.5**	**J**	3.0	0.23	ug/m3			08/23/24 20:53	1
Styrene	ND		0.85	0.25	ug/m3			08/23/24 20:53	1
Bromoform	ND		2.1	1.2	ug/m3			08/23/24 20:53	1
Cumene	ND		0.98	0.20	ug/m3			08/23/24 20:53	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.30	ug/m3			08/23/24 20:53	1
n-Propylbenzene	ND		0.98	0.23	ug/m3			08/23/24 20:53	1
4-Ethyltoluene	ND		0.98	0.24	ug/m3			08/23/24 20:53	1
1,3,5-Trimethylbenzene	ND		0.98	0.23	ug/m3			08/23/24 20:53	1
2-Chlorotoluene	ND		1.0	0.24	ug/m3			08/23/24 20:53	1
tert-Butylbenzene	ND		1.1	0.26	ug/m3			08/23/24 20:53	1

Client Sample ID: IA-10-1-082124
Lab Sample ID: 480-222809-2

Date Collected: 08/21/24 16:46
Matrix: Air
Date Received: 08/23/24 10:40
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	**0.45**	**J**	0.98	0.39	ug/m3			08/23/24 20:53	1
sec-Butylbenzene	ND		1.1	0.25	ug/m3			08/23/24 20:53	1
4-Isopropyltoluene	ND		1.1	0.33	ug/m3			08/23/24 20:53	1
1,3-Dichlorobenzene	ND		1.2	0.44	ug/m3			08/23/24 20:53	1
1,4-Dichlorobenzene	ND		1.2	0.54	ug/m3			08/23/24 20:53	1
Benzyl chloride	ND		1.0	0.46	ug/m3			08/23/24 20:53	1
n-Butylbenzene	ND		1.1	0.60	ug/m3			08/23/24 20:53	1
1,2-Dichlorobenzene	ND		1.2	0.40	ug/m3			08/23/24 20:53	1
1,2,4-Trichlorobenzene	ND		3.7	2.4	ug/m3			08/23/24 20:53	1
Hexachlorobutadiene	ND		2.1	1.2	ug/m3			08/23/24 20:53	1
Naphthalene	ND		2.6	1.6	ug/m3			08/23/24 20:53	1

Client Sample ID: IA-10-2-082124
Lab Sample ID: 480-222809-3

Date Collected: 08/21/24 16:53
Matrix: Air
Date Received: 08/23/24 10:40
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**1.6**	**J**	2.5	0.54	ug/m3			08/23/24 21:44	1
Freon 22	**1.7**	**J**	1.8	0.42	ug/m3			08/23/24 21:44	1
1,2-Dichlorotetrafluoroethane	ND		1.4	0.34	ug/m3			08/23/24 21:44	1
Chloromethane	**1.3**		1.0	0.31	ug/m3			08/23/24 21:44	1
n-Butane	**2.9**		1.2	0.48	ug/m3			08/23/24 21:44	1
Vinyl chloride	**0.20**	**J**	0.51	0.054	ug/m3			08/23/24 21:44	1
1,3-Butadiene	**0.14**	**J**	0.44	0.086	ug/m3			08/23/24 21:44	1
Bromomethane	ND		0.78	0.28	ug/m3			08/23/24 21:44	1
Chloroethane	ND		1.3	0.47	ug/m3			08/23/24 21:44	1
Bromoethene(Vinyl Bromide)	ND		0.87	0.22	ug/m3			08/23/24 21:44	1
Trichlorofluoromethane	**1.1**		1.1	0.28	ug/m3			08/23/24 21:44	1
Freon TF	**0.43**	**J**	1.5	0.41	ug/m3			08/23/24 21:44	1
1,1-Dichloroethene	ND		0.79	0.10	ug/m3			08/23/24 21:44	1
Acetone	**95**		12	3.8	ug/m3			08/23/24 21:44	1
Isopropyl alcohol	**8.9**	**J**	12	3.9	ug/m3			08/23/24 21:44	1
Carbon disulfide	ND		1.6	0.40	ug/m3			08/23/24 21:44	1
3-Chloropropene	ND		1.6	0.38	ug/m3			08/23/24 21:44	1
Methylene Chloride	**60**		1.7	0.63	ug/m3			08/23/24 21:44	1
tert-Butyl alcohol	ND		15	3.6	ug/m3			08/23/24 21:44	1
Methyl tert-butyl ether	ND		0.72	0.13	ug/m3			08/23/24 21:44	1
trans-1,2-Dichloroethene	**0.17**	**J**	0.79	0.091	ug/m3			08/23/24 21:44	1
n-Hexane	**64**		1.8	0.39	ug/m3			08/23/24 21:44	1
1,1-Dichloroethane	ND		0.81	0.10	ug/m3			08/23/24 21:44	1
Methyl Ethyl Ketone	**2.0**		1.5	1.4	ug/m3			08/23/24 21:44	1
cis-1,2-Dichloroethene	**1.1**		0.79	0.083	ug/m3			08/23/24 21:44	1
1,2-Dichloroethene, Total	**1.3**	**J**	1.6	0.083	ug/m3			08/23/24 21:44	1
Chloroform	ND		0.98	0.20	ug/m3			08/23/24 21:44	1
Tetrahydrofuran	ND		15	3.8	ug/m3			08/23/24 21:44	1
1,1,1-Trichloroethane	ND		1.1	0.24	ug/m3			08/23/24 21:44	1
Cyclohexane	**4.3**		0.69	0.20	ug/m3			08/23/24 21:44	1

Client: GHD Services Inc.
Job ID: 480-222809-1
Project/Site: 12616852, GM-Lockport Air 256042

Client Sample ID: IA-10-2-082124
Lab Sample ID: 480-222809-3
Date Collected: 08/21/24 16:53
Matrix: Air
Date Received: 08/23/24 10:40
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	**0.17**	**J**	1.3	0.14	ug/m3			08/23/24 21:44	1
2,2,4-Trimethylpentane	**0.74**	**J**	0.93	0.18	ug/m3			08/23/24 21:44	1
Benzene	**0.78**		0.64	0.14	ug/m3			08/23/24 21:44	1
1,2-Dichloroethane	ND		0.81	0.38	ug/m3			08/23/24 21:44	1
n-Heptane	**1.2**		0.82	0.23	ug/m3			08/23/24 21:44	1
Trichloroethene	**0.97**	**J**	1.1	0.13	ug/m3			08/23/24 21:44	1
Methyl methacrylate	ND		2.0	0.57	ug/m3			08/23/24 21:44	1
1,2-Dichloropropane	ND		0.92	0.43	ug/m3			08/23/24 21:44	1
1,4-Dioxane	ND		18	0.30	ug/m3			08/23/24 21:44	1
Bromodichloromethane	ND		1.3	0.34	ug/m3			08/23/24 21:44	1
cis-1,3-Dichloropropene	ND		0.91	0.20	ug/m3			08/23/24 21:44	1
methyl isobutyl ketone	ND		2.0	0.53	ug/m3			08/23/24 21:44	1
Toluene	**63**		0.75	0.23	ug/m3			08/23/24 21:44	1
trans-1,3-Dichloropropene	ND		0.91	0.25	ug/m3			08/23/24 21:44	1
1,1,2-Trichloroethane	ND		1.1	0.40	ug/m3			08/23/24 21:44	1
Tetrachloroethene	**8.1**		1.4	0.14	ug/m3			08/23/24 21:44	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.61	ug/m3			08/23/24 21:44	1
Dibromochloromethane	ND		1.7	0.54	ug/m3			08/23/24 21:44	1
1,2-Dibromoethane	ND		1.5	0.32	ug/m3			08/23/24 21:44	1
Chlorobenzene	**0.27**	**J**	0.92	0.20	ug/m3			08/23/24 21:44	1
Ethylbenzene	**0.63**	**J**	0.87	0.30	ug/m3			08/23/24 21:44	1
m,p-Xylene	**2.4**		2.2	0.41	ug/m3			08/23/24 21:44	1
Xylene, o-	**0.71**	**J**	0.87	0.27	ug/m3			08/23/24 21:44	1
Xylene (total)	**3.1**		3.0	0.23	ug/m3			08/23/24 21:44	1
Styrene	**0.53**	**J**	0.85	0.25	ug/m3			08/23/24 21:44	1
Bromoform	ND		2.1	1.2	ug/m3			08/23/24 21:44	1
Cumene	ND		0.98	0.20	ug/m3			08/23/24 21:44	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.30	ug/m3			08/23/24 21:44	1
n-Propylbenzene	ND		0.98	0.23	ug/m3			08/23/24 21:44	1
4-Ethyltoluene	ND		0.98	0.24	ug/m3			08/23/24 21:44	1
1,3,5-Trimethylbenzene	ND		0.98	0.23	ug/m3			08/23/24 21:44	1
2-Chlorotoluene	ND		1.0	0.24	ug/m3			08/23/24 21:44	1
tert-Butylbenzene	ND		1.1	0.26	ug/m3			08/23/24 21:44	1
1,2,4-Trimethylbenzene	**0.86**	**J**	0.98	0.39	ug/m3			08/23/24 21:44	1
sec-Butylbenzene	ND		1.1	0.25	ug/m3			08/23/24 21:44	1
4-Isopropyltoluene	ND		1.1	0.33	ug/m3			08/23/24 21:44	1
1,3-Dichlorobenzene	ND		1.2	0.44	ug/m3			08/23/24 21:44	1
1,4-Dichlorobenzene	ND		1.2	0.54	ug/m3			08/23/24 21:44	1
Benzyl chloride	ND		1.0	0.46	ug/m3			08/23/24 21:44	1
n-Butylbenzene	ND		1.1	0.60	ug/m3			08/23/24 21:44	1
1,2-Dichlorobenzene	ND		1.2	0.40	ug/m3			08/23/24 21:44	1
1,2,4-Trichlorobenzene	ND		3.7	2.4	ug/m3			08/23/24 21:44	1
Hexachlorobutadiene	ND		2.1	1.2	ug/m3			08/23/24 21:44	1
Naphthalene	**1.7**	**J**	2.6	1.6	ug/m3			08/23/24 21:44	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Lab Sample ID: MB 200-207921/9
Matrix: Air
Analysis Batch: 207921

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		2.5	0.54	ug/m3			08/23/24 14:01	1
Freon 22	ND		1.8	0.42	ug/m3			08/23/24 14:01	1
1,2-Dichlorotetrafluoroethane	ND		1.4	0.34	ug/m3			08/23/24 14:01	1
Chloromethane	ND		1.0	0.31	ug/m3			08/23/24 14:01	1
n-Butane	ND		1.2	0.48	ug/m3			08/23/24 14:01	1
Vinyl chloride	ND		0.51	0.054	ug/m3			08/23/24 14:01	1
1,3-Butadiene	ND		0.44	0.086	ug/m3			08/23/24 14:01	1
Bromomethane	ND		0.78	0.28	ug/m3			08/23/24 14:01	1
Chloroethane	ND		1.3	0.47	ug/m3			08/23/24 14:01	1
Bromoethene(Vinyl Bromide)	ND		0.87	0.22	ug/m3			08/23/24 14:01	1
Trichlorofluoromethane	ND		1.1	0.28	ug/m3			08/23/24 14:01	1
Freon TF	ND		1.5	0.41	ug/m3			08/23/24 14:01	1
1,1-Dichloroethene	ND		0.79	0.10	ug/m3			08/23/24 14:01	1
Acetone	ND		12	3.8	ug/m3			08/23/24 14:01	1
Isopropyl alcohol	ND		12	3.9	ug/m3			08/23/24 14:01	1
Carbon disulfide	ND		1.6	0.40	ug/m3			08/23/24 14:01	1
3-Chloropropene	ND		1.6	0.38	ug/m3			08/23/24 14:01	1
Methylene Chloride	ND		1.7	0.63	ug/m3			08/23/24 14:01	1
tert-Butyl alcohol	ND		15	3.6	ug/m3			08/23/24 14:01	1
Methyl tert-butyl ether	ND		0.72	0.13	ug/m3			08/23/24 14:01	1
trans-1,2-Dichloroethene	ND		0.79	0.091	ug/m3			08/23/24 14:01	1
n-Hexane	ND		1.8	0.39	ug/m3			08/23/24 14:01	1
1,1-Dichloroethane	ND		0.81	0.10	ug/m3			08/23/24 14:01	1
Methyl Ethyl Ketone	ND		1.5	1.4	ug/m3			08/23/24 14:01	1
cis-1,2-Dichloroethene	ND		0.79	0.083	ug/m3			08/23/24 14:01	1
1,2-Dichloroethene, Total	ND		1.6	0.083	ug/m3			08/23/24 14:01	1
Chloroform	ND		0.98	0.20	ug/m3			08/23/24 14:01	1
Tetrahydrofuran	ND		15	3.8	ug/m3			08/23/24 14:01	1
1,1,1-Trichloroethane	ND		1.1	0.24	ug/m3			08/23/24 14:01	1
Cyclohexane	ND		0.69	0.20	ug/m3			08/23/24 14:01	1
Carbon tetrachloride	ND		1.3	0.14	ug/m3			08/23/24 14:01	1
2,2,4-Trimethylpentane	ND		0.93	0.18	ug/m3			08/23/24 14:01	1
Benzene	ND		0.64	0.14	ug/m3			08/23/24 14:01	1
1,2-Dichloroethane	ND		0.81	0.38	ug/m3			08/23/24 14:01	1
n-Heptane	ND		0.82	0.23	ug/m3			08/23/24 14:01	1
Trichloroethene	ND		1.1	0.13	ug/m3			08/23/24 14:01	1
Methyl methacrylate	ND		2.0	0.57	ug/m3			08/23/24 14:01	1
1,2-Dichloropropane	ND		0.92	0.43	ug/m3			08/23/24 14:01	1
1,4-Dioxane	ND		18	0.30	ug/m3			08/23/24 14:01	1
Bromodichloromethane	ND		1.3	0.34	ug/m3			08/23/24 14:01	1
cis-1,3-Dichloropropene	ND		0.91	0.20	ug/m3			08/23/24 14:01	1
methyl isobutyl ketone	ND		2.0	0.53	ug/m3			08/23/24 14:01	1
Toluene	ND		0.75	0.23	ug/m3			08/23/24 14:01	1
trans-1,3-Dichloropropene	ND		0.91	0.25	ug/m3			08/23/24 14:01	1
1,1,2-Trichloroethane	ND		1.1	0.40	ug/m3			08/23/24 14:01	1
Tetrachloroethene	ND		1.4	0.14	ug/m3			08/23/24 14:01	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.61	ug/m3			08/23/24 14:01	1
Dibromochloromethane	ND		1.7	0.54	ug/m3			08/23/24 14:01	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-207921/9
Matrix: Air
Analysis Batch: 207921

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		1.5	0.32	ug/m3			08/23/24 14:01	1
Chlorobenzene	ND		0.92	0.20	ug/m3			08/23/24 14:01	1
Ethylbenzene	ND		0.87	0.30	ug/m3			08/23/24 14:01	1
m,p-Xylene	ND		2.2	0.41	ug/m3			08/23/24 14:01	1
Xylene, o-	ND		0.87	0.27	ug/m3			08/23/24 14:01	1
Xylene (total)	ND		3.0	0.23	ug/m3			08/23/24 14:01	1
Styrene	ND		0.85	0.25	ug/m3			08/23/24 14:01	1
Bromoform	ND		2.1	1.2	ug/m3			08/23/24 14:01	1
Cumene	ND		0.98	0.20	ug/m3			08/23/24 14:01	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.30	ug/m3			08/23/24 14:01	1
n-Propylbenzene	ND		0.98	0.23	ug/m3			08/23/24 14:01	1
4-Ethyltoluene	ND		0.98	0.24	ug/m3			08/23/24 14:01	1
1,3,5-Trimethylbenzene	ND		0.98	0.23	ug/m3			08/23/24 14:01	1
2-Chlorotoluene	ND		1.0	0.24	ug/m3			08/23/24 14:01	1
tert-Butylbenzene	ND		1.1	0.26	ug/m3			08/23/24 14:01	1
1,2,4-Trimethylbenzene	ND		0.98	0.39	ug/m3			08/23/24 14:01	1
sec-Butylbenzene	ND		1.1	0.25	ug/m3			08/23/24 14:01	1
4-Isopropyltoluene	ND		1.1	0.33	ug/m3			08/23/24 14:01	1
1,3-Dichlorobenzene	ND		1.2	0.44	ug/m3			08/23/24 14:01	1
1,4-Dichlorobenzene	ND		1.2	0.54	ug/m3			08/23/24 14:01	1
Benzyl chloride	ND		1.0	0.46	ug/m3			08/23/24 14:01	1
n-Butylbenzene	ND		1.1	0.60	ug/m3			08/23/24 14:01	1
1,2-Dichlorobenzene	ND		1.2	0.40	ug/m3			08/23/24 14:01	1
1,2,4-Trichlorobenzene	ND		3.7	2.4	ug/m3			08/23/24 14:01	1
Hexachlorobutadiene	ND		2.1	1.2	ug/m3			08/23/24 14:01	1
Naphthalene	ND		2.6	1.6	ug/m3			08/23/24 14:01	1

Lab Sample ID: LCS 200-207921/8
Matrix: Air
Analysis Batch: 207921

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dichlorodifluoromethane	49.4	47.3		ug/m3		96	61 - 142
Freon 22	35.4	38.4		ug/m3		109	60 - 147
1,2-Dichlorotetrafluoroethane	69.9	70.8		ug/m3		101	71 - 141
Chloromethane	20.6	23.7		ug/m3		115	56 - 141
n-Butane	23.8	24.3		ug/m3		102	53 - 151
Vinyl chloride	25.6	23.6		ug/m3		93	61 - 135
1,3-Butadiene	22.1	20.0		ug/m3		91	58 - 139
Bromomethane	38.8	38.3		ug/m3		99	72 - 124
Chloroethane	26.4	28.6		ug/m3		108	68 - 130
Bromoethene(Vinyl Bromide)	43.7	41.3		ug/m3		94	75 - 125
Trichlorofluoromethane	56.2	51.1		ug/m3		91	70 - 129
Freon TF	76.6	69.8		ug/m3		91	70 - 121
1,1-Dichloroethene	39.6	36.1		ug/m3		91	68 - 120
Acetone	23.7	24.2		ug/m3		102	54 - 154
Isopropyl alcohol	24.6	25.5		ug/m3		104	53 - 142
Carbon disulfide	31.1	30.4		ug/m3		98	71 - 138
3-Chloropropene	31.3	27.6		ug/m3		88	50 - 150

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-207921/8
Matrix: Air
Analysis Batch: 207921

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methylene Chloride	34.7	32.6		ug/m3		94	59 - 137
tert-Butyl alcohol	30.3	30.0		ug/m3		99	66 - 132
Methyl tert-butyl ether	36.0	33.5		ug/m3		93	70 - 127
trans-1,2-Dichloroethene	39.6	35.4		ug/m3		89	69 - 137
n-Hexane	35.2	32.2		ug/m3		91	63 - 138
1,1-Dichloroethane	40.5	36.1		ug/m3		89	66 - 130
Methyl Ethyl Ketone	29.5	27.8		ug/m3		94	72 - 124
cis-1,2-Dichloroethene	39.6	35.0		ug/m3		88	72 - 121
Chloroform	48.8	43.1		ug/m3		88	73 - 124
Tetrahydrofuran	29.5	27.9		ug/m3		95	60 - 149
1,1,1-Trichloroethane	54.6	46.5		ug/m3		85	72 - 127
Cyclohexane	34.4	31.3		ug/m3		91	76 - 124
Carbon tetrachloride	62.9	52.6		ug/m3		84	71 - 133
2,2,4-Trimethylpentane	46.7	42.8		ug/m3		92	68 - 131
Benzene	31.9	29.2		ug/m3		91	73 - 119
1,2-Dichloroethane	40.5	34.5		ug/m3		85	68 - 135
n-Heptane	41.0	36.7		ug/m3		90	60 - 142
Trichloroethene	53.7	46.9		ug/m3		87	73 - 122
Methyl methacrylate	40.9	38.5		ug/m3		94	73 - 129
1,2-Dichloropropane	46.2	42.6		ug/m3		92	69 - 128
1,4-Dioxane	36.0	36.3		ug/m3		101	66 - 129
Bromodichloromethane	67.0	58.7		ug/m3		88	75 - 127
cis-1,3-Dichloropropene	45.4	41.5		ug/m3		91	74 - 125
methyl isobutyl ketone	41.0	38.0		ug/m3		93	58 - 144
Toluene	37.7	35.0		ug/m3		93	75 - 122
trans-1,3-Dichloropropene	45.4	41.0		ug/m3		90	74 - 128
1,1,2-Trichloroethane	54.6	50.8		ug/m3		93	75 - 126
Tetrachloroethene	67.8	58.4		ug/m3		86	70 - 125
Methyl Butyl Ketone (2-Hexanone)	41.0	38.8		ug/m3		95	57 - 143
Dibromochloromethane	85.2	76.1		ug/m3		89	73 - 125
1,2-Dibromoethane	76.8	70.7		ug/m3		92	78 - 122
Chlorobenzene	46.0	42.2		ug/m3		92	76 - 119
Ethylbenzene	43.4	40.3		ug/m3		93	74 - 122
m,p-Xylene	86.8	80.4		ug/m3		93	76 - 121
Xylene, o-	43.4	40.1		ug/m3		92	73 - 123
Styrene	42.6	39.9		ug/m3		94	74 - 125
Bromoform	103	90.3		ug/m3		87	53 - 149
Cumene	49.1	45.8		ug/m3		93	73 - 123
1,1,2,2-Tetrachloroethane	68.6	65.8		ug/m3		96	74 - 126
n-Propylbenzene	49.1	47.4		ug/m3		96	73 - 127
4-Ethyltoluene	49.2	47.0		ug/m3		96	75 - 129
1,3,5-Trimethylbenzene	49.2	47.0		ug/m3		96	72 - 126
2-Chlorotoluene	51.8	48.1		ug/m3		93	74 - 126
tert-Butylbenzene	54.9	51.3		ug/m3		93	71 - 125
1,2,4-Trimethylbenzene	49.2	47.1		ug/m3		96	71 - 129
sec-Butylbenzene	54.9	52.9		ug/m3		96	70 - 128
4-Isopropyltoluene	54.9	53.1		ug/m3		97	68 - 130
1,3-Dichlorobenzene	60.1	56.3		ug/m3		94	69 - 131

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-207921/8
Matrix: Air
Analysis Batch: 207921

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,4-Dichlorobenzene	60.1	56.2		ug/m3		93	67 - 132
Benzyl chloride	51.8	51.9		ug/m3		100	60 - 136
n-Butylbenzene	54.9	54.3		ug/m3		99	65 - 137
1,2-Dichlorobenzene	60.1	56.7		ug/m3		94	68 - 129
1,2,4-Trichlorobenzene	74.2	68.6		ug/m3		93	50 - 150
Hexachlorobutadiene	107	92.7		ug/m3		87	58 - 130
Naphthalene	52.4	63.6		ug/m3		121	50 - 150

Lab Sample ID: 480-222809-1 DU
Matrix: Air
Analysis Batch: 207921

Client Sample ID: OA-10-082124
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Dichlorodifluoromethane	1.8	J	1.74	J	ug/m3		1	25
Freon 22	1.1	J	1.10	J	ug/m3		3	25
1,2-Dichlorotetrafluoroethane	ND		ND		ug/m3		NC	25
Chloromethane	1.1		1.14		ug/m3		4	25
n-Butane	1.0	J	0.998	J	ug/m3		1	25
Vinyl chloride	ND		ND		ug/m3		NC	25
1,3-Butadiene	ND		ND		ug/m3		NC	25
Bromomethane	ND		ND		ug/m3		NC	25
Chloroethane	ND		ND		ug/m3		NC	25
Bromoethene(Vinyl Bromide)	ND		ND		ug/m3		NC	25
Trichlorofluoromethane	0.92	J	0.945	J	ug/m3		2	25
Freon TF	ND		ND		ug/m3		NC	25
1,1-Dichloroethene	ND		ND		ug/m3		NC	25
Acetone	12		12.0		ug/m3		3	25
Isopropyl alcohol	ND		ND		ug/m3		NC	25
Carbon disulfide	1.0	J	1.03	J	ug/m3		2	25
3-Chloropropene	ND		ND		ug/m3		NC	25
Methylene Chloride	8.5		8.86		ug/m3		4	25
tert-Butyl alcohol	ND		ND		ug/m3		NC	25
Methyl tert-butyl ether	ND		ND		ug/m3		NC	25
trans-1,2-Dichloroethene	ND		ND		ug/m3		NC	25
n-Hexane	3.7		3.67		ug/m3		0.2	25
1,1-Dichloroethane	ND		ND		ug/m3		NC	25
Methyl Ethyl Ketone	ND		ND		ug/m3		NC	25
cis-1,2-Dichloroethene	ND		ND		ug/m3		NC	25
1,2-Dichloroethene, Total	ND		ND		ug/m3		NC	25
Chloroform	ND		ND		ug/m3		NC	25
Tetrahydrofuran	ND		ND		ug/m3		NC	25
1,1,1-Trichloroethane	ND		ND		ug/m3		NC	25
Cyclohexane	ND		ND		ug/m3		NC	25
Carbon tetrachloride	0.28	J	0.300	J	ug/m3		5	25
2,2,4-Trimethylpentane	ND		ND		ug/m3		NC	25
Benzene	0.20	J	0.203	J	ug/m3		0.6	25
1,2-Dichloroethane	ND		ND		ug/m3		NC	25
n-Heptane	0.38	J	0.394	J	ug/m3		5	25
Trichloroethene	ND		ND		ug/m3		NC	25

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: 480-222809-1 DU
Matrix: Air
Analysis Batch: 207921

Client Sample ID: OA-10-082124
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Methyl methacrylate	ND		ND		ug/m3		NC	25
1,2-Dichloropropane	ND		ND		ug/m3		NC	25
1,4-Dioxane	0.42	J	0.445	J	ug/m3		5	25
Bromodichloromethane	ND		ND		ug/m3		NC	25
cis-1,3-Dichloropropene	ND		ND		ug/m3		NC	25
methyl isobutyl ketone	ND		ND		ug/m3		NC	25
Toluene	0.79		0.792		ug/m3		0	25
trans-1,3-Dichloropropene	ND		ND		ug/m3		NC	25
1,1,2-Trichloroethane	ND		ND		ug/m3		NC	25
Tetrachloroethene	0.28	J	0.280	J	ug/m3		1	25
Methyl Butyl Ketone (2-Hexanone)	ND		ND		ug/m3		NC	25
Dibromochloromethane	ND		ND		ug/m3		NC	25
1,2-Dibromoethane	ND		ND		ug/m3		NC	25
Chlorobenzene	ND		ND		ug/m3		NC	25
Ethylbenzene	ND		ND		ug/m3		NC	25
m,p-Xylene	ND		ND		ug/m3		NC	25
Xylene, o-	ND		ND		ug/m3		NC	25
Xylene (total)	ND		ND		ug/m3		NC	25
Styrene	ND		ND		ug/m3		NC	25
Bromoform	ND		ND		ug/m3		NC	25
Cumene	ND		ND		ug/m3		NC	25
1,1,2,2-Tetrachloroethane	ND		ND		ug/m3		NC	25
n-Propylbenzene	ND		ND		ug/m3		NC	25
4-Ethyltoluene	ND		ND		ug/m3		NC	25
1,3,5-Trimethylbenzene	ND		ND		ug/m3		NC	25
2-Chlorotoluene	ND		ND		ug/m3		NC	25
tert-Butylbenzene	ND		ND		ug/m3		NC	25
1,2,4-Trimethylbenzene	ND		ND		ug/m3		NC	25
sec-Butylbenzene	ND		ND		ug/m3		NC	25
4-Isopropyltoluene	ND		ND		ug/m3		NC	25
1,3-Dichlorobenzene	ND		ND		ug/m3		NC	25
1,4-Dichlorobenzene	ND		ND		ug/m3		NC	25
Benzyl chloride	ND		ND		ug/m3		NC	25
n-Butylbenzene	ND		ND		ug/m3		NC	25
1,2-Dichlorobenzene	ND		ND		ug/m3		NC	25
1,2,4-Trichlorobenzene	ND		ND		ug/m3		NC	25
Hexachlorobutadiene	ND		ND		ug/m3		NC	25
Naphthalene	ND		ND		ug/m3		NC	25

QC Association Summary

Client: GHD Services Inc.
Project/Site: 12616852, GM-Lockport Air 256042

Job ID: 480-222809-1

Air - GC/MS VOA

Analysis Batch: 207921

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-222809-1	OA-10-082124	Total/NA	Air	TO-15	
480-222809-2	IA-10-1-082124	Total/NA	Air	TO-15	
480-222809-3	IA-10-2-082124	Total/NA	Air	TO-15	
MB 200-207921/9	Method Blank	Total/NA	Air	TO-15	
LCS 200-207921/8	Lab Control Sample	Total/NA	Air	TO-15	
480-222809-1 DU	OA-10-082124	Total/NA	Air	TO-15	

Lab Chronicle

Client: GHD Services Inc.
Project/Site: 12616852, GM-Lockport Air 256042

Job ID: 480-222809-1

Client Sample ID: OA-10-082124

Lab Sample ID: 480-222809-1

Date Collected: 08/21/24 16:37

Matrix: Air

Date Received: 08/23/24 10:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	207921	K1P	EET BUR	08/23/24 19:10

Client Sample ID: IA-10-1-082124

Lab Sample ID: 480-222809-2

Date Collected: 08/21/24 16:46

Matrix: Air

Date Received: 08/23/24 10:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	207921	K1P	EET BUR	08/23/24 20:53

Client Sample ID: IA-10-2-082124

Lab Sample ID: 480-222809-3

Date Collected: 08/21/24 16:53

Matrix: Air

Date Received: 08/23/24 10:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	207921	K1P	EET BUR	08/23/24 21:44

Laboratory References:

EET BUR = Eurofins Burlington, 530 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Accreditation/Certification Summary

Client: GHD Services Inc.
Job ID: 480-222809-1
Project/Site: 12616852, GM-Lockport Air 256042

Laboratory: Eurofins Burlington

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10391	03-31-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
TO-15		Air	1,2-Dichloroethene, Total
TO-15		Air	4-Ethyltoluene
TO-15		Air	4-Isopropyltoluene
TO-15		Air	Freon 22
TO-15		Air	Methyl Butyl Ketone (2-Hexanone)
TO-15		Air	n-Butane
TO-15		Air	n-Butylbenzene
TO-15		Air	n-Propylbenzene
TO-15		Air	sec-Butylbenzene
TO-15		Air	tert-Butylbenzene
TO-15		Air	Tetrahydrofuran

Method Summary

Client: GHD Services Inc.
Project/Site: 12616852, GM-Lockport Air 256042

Job ID: 480-222809-1

Method	Method Description	Protocol	Laboratory
TO-15	Volatile Organic Compounds in Ambient Air	EPA	EET BUR

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

EET BUR = Eurofins Burlington, 530 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Sample Summary

Client: GHD Services Inc.
Job ID: 480-222809-1
Project/Site: 12616852, GM-Lockport Air 256042

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-222809-1	OA-10-082124	Air	08/21/24 16:37	08/23/24 10:40	Air Canister (6-Liter) #5646
480-222809-2	IA-10-1-082124	Air	08/21/24 16:46	08/23/24 10:40	Air Canister (6-Liter) #4297
480-222809-3	IA-10-2-082124	Air	08/21/24 16:53	08/23/24 10:40	Air Canister (6-Liter) #4820

Post-Sampling Air Canister Pressure Check Record

Login # (w/ Location Code)	Date	Time (Military)	Lab BP ("Hg)	Lab Temp (°C)	Pressure Gauge ID	Analyst
480-222809	08/23/24	14:42	30.2	23	G43	SML III

Sampling Information and Return Equipment Check	Yes	N o	Comments
(1) Is a Field Test Data Sheet (FTDS) or similar sampling documentation present?	X		
(2) Is the flow controller ID used for each canister recorded?	X		
(3) MA MCP & NJ DKQP: Check return flow rate for flow controllers		X	
(4) Is visible sign of damage to canister and/or flow controller (FC) present?		X	
If damage observed, list equipment IDs and describe condition:			

Post-Sampling Return Pressure Check

Lab ID	Canister ID	Pressure[1] ("Hg)	Anomaly[2] (Y/N)	FC ID[3]	FC Check[4] Reference	FC Return (Y/N)	Can Cert Batch ID	Comments
480-222809-A-1	5646	-7.7	N	6554	02/46	Y	4015-61086	
480-222809-A-2	4297	-13.1	Y	3743	02/46	Y	4015-61086	
480-222809-A-3	4820	-16.0	Y	8863	02/46	Y	5680-61067	

[1] Criteria: Return Pressure should be between -1 and -10 ("Hg) with the exception of grab samples or those using 100 or 200mL/minute flow controllers. These samples must be returned at no lower than -10"Hg, but have no specific criteria otherwise.

[2] If return pressure is not within criteria, initiate Non-Conformance Memo.

[3] Record the ID of the FC used for sampling if information is provided, otherwise leave blank.

[4] Record the Flow Controller Set Flow Rate Logbook ID and Page number in which the original FC Check was recorded

Eurofins TestAmerica, Burlington
530 Community Drive
Suite 11
South Burlington, VT 05403-6809
phone 802 660 1990 fax 802 660 1919

Canister Samples Chain of Custody Record

TestAmerica Laboratories, Inc. assumes no liability with respect to the collection and shipment of these samples.

eurofins | Environment Testing America

TestAmerica Laboratories, Inc. d/b/a Eurofins TestAmerica

Client Contact Information	Client Project Manager: Thomas Bohlen	Samples Collected By: Morgan Brown CMB	COC No
Company Name GZA	Phone: (716) 570-5483		1 of 1 COCs
Address 300 Pearl St. Suite 700	Email: thomas.bohlen@gza.com		TALS Project #
City/State/Zip Buffalo NY 14202			For Lab Use Only:
Phone 716 803 5717	Site Contact: Morgan Brown		Walk-in Client:
FAX.	Tel/Fax 716 803 5717		Lab Sampling
Project Name GMCH Lockport	Analysis Turnaround Time		
Site/Location	Standard (Specific): X		Job / SDG No
PO # 20.0056546.20	Rush (Specifiy)		(See below for Add'l Items)

Sample Identification	Sample Start Date	Time Start	Sample End Date	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-14/15 (Standard / Low Level)	TO-15 SIM	EPA 3C	EPA 25C	ASTM D-1946	EPA 15/16	Other (Please specify in notes section)	Sample Type	Indoor Air/Ambient Air	Sub-Slab	Soil Gas	Soil Vapor Extraction (SVE)	Landfill Gas	Other (Please specify in notes section)	Sample Specific Notes:
OA-10-082124	8/21/24	0837	8/21/24	1637	26	5	6654	5646	X														
1A-10-1-082124	1	0846	1	1646	29	11	3743	4297		X													
1A-10-2-082124	1	0853	1	1653	30	15	8863	4820		X													

Temperature (Fahrenheit)			
Start	Interior —	Ambient	57
Stop	—		69

Pressure (inches of Hg)			
Start	Interior 30 30	Ambient	30. 30
Stop	30 17		30. 17

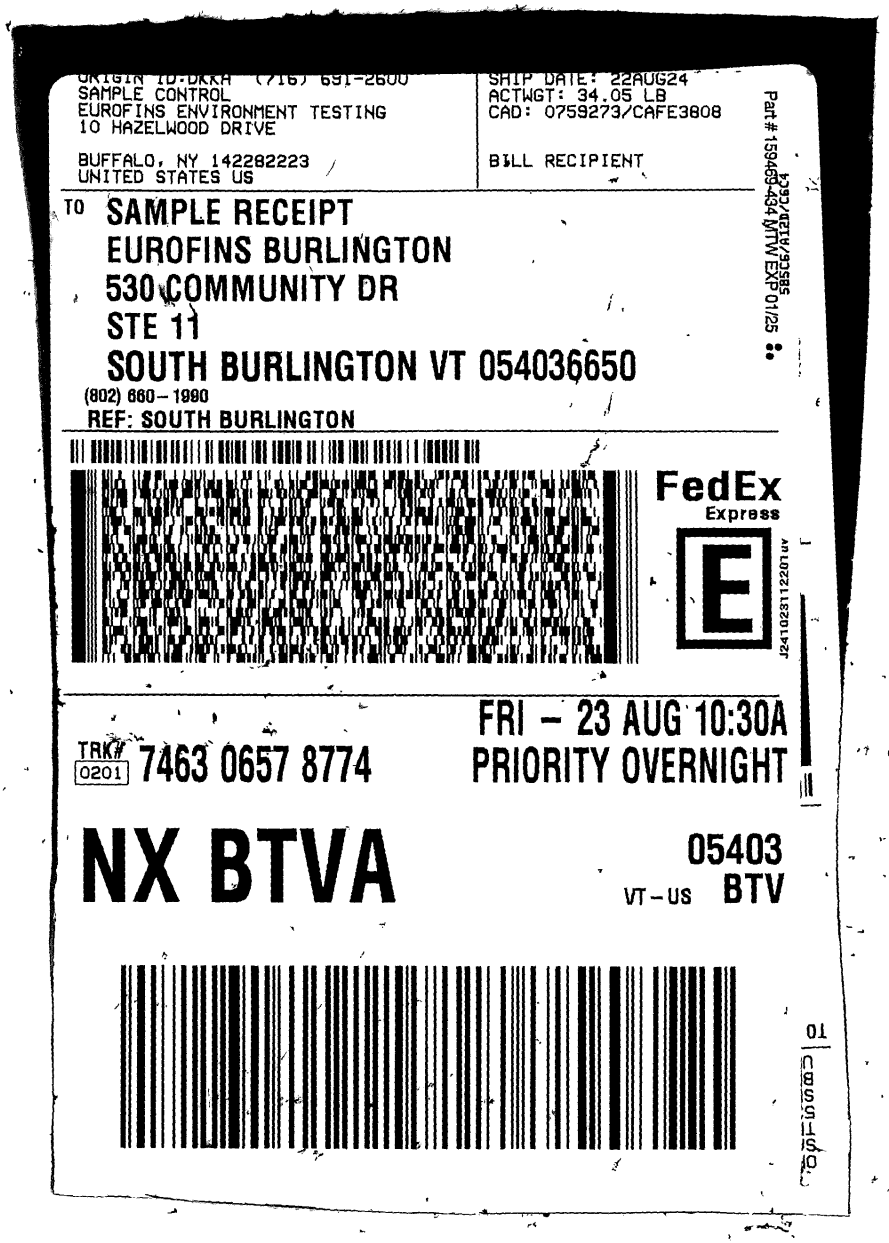
480-222809 Chain of Custody

Special Instructions/QC Requirements & Comments:

Samples Shipped by:	Date / Time: 8/21/24 1717	Samples Received by: SM 5:17PM
Samples Relinquished by:	Date / Time:	Received by: ETABUN 8/23/24 1040
Relinquished by:	Date / Time:	Received by:
Lab Use Only: Shipper Name:	Opened by:	Condition:

Form No. CA-C-WI-003, Rev. 2.28, dated 1/8/2021

8/28/2024



ORIGIN ID:BKRA (716) 691-2600
SAMPLE CONTROL
EUROFINS ENVIRONMENT TESTING
10 HAZELWOOD DRIVE

BUFFALO, NY 142282223
UNITED STATES US

SHIP DATE: 22AUG24
ACTWGT: 34.05 LB
CAD: 0759273/CAFE3808

BILL RECIPIENT

TO SAMPLE RECEIPT
EUROFINS BURLINGTON
530 COMMUNITY DR
STE 11
SOUTH BURLINGTON VT 054036650
(802) 660-1990
REF: SOUTH BURLINGTON

Part # 159469-434 MTV EXP 01/25

FedEx Express

TRK# 0201 7463 0657 8774

FRI - 23 AUG 10:30A
PRIORITY OVERNIGHT

NX BTVA

05403
VT-US BTV

Login Sample Receipt Checklist

Client: GHD Services Inc.

Job Number: 480-222809-1

Login Number: 222809
List Number: 1
Creator: Lavigne III, Scott N

List Source: Eurofins Buffalo

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	Thermal preservation not required.
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	N/A	Thermal preservation not required.
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.	N/A	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Pre-Shipment Clean Canister Certification Report

Canister Cleaning & Pre-Shipment Leak Test

System ID	Max DF#	# Cycles	Cleaning Start Date/Time		System Start Temp(s):		Technician	Can Size	Certification Type:
Oven 1/2	10	50	7/5/2024	1545	24	24	SML III	6 liter	batch

Port	Can ID	Initial[1] (psia)	Final (psia)	Diff.[3]	Final ("Hg)	Initial Reading Gauge:	Date:	Time:	Tech:	Temp:	Final Reading Gauge:	Date:	Time:	Tech:	Temp:
1	3217	0	0	0	-30.2	GA01	7/6/24	1720		23.0	GA01	7/12/24	1225	KL3	24.0
2	4329			0		GA01					GA01				
3	3627			0		GA01					GA01				
4	5701			0		GA01					GA01				
5	4560			0		GA01					GA01				
6	3380			0		GA01					GA01				
7	5680	0	0	0		GA01	7/6/24	1200	KL3	23.0	GA01	7/23/24	1353	KL3	23.0
8	4288	0	0	0	-30.2	GA01	7/6/24	1720		22.0	GA01	7/12/24	1225	KL3	24.0
9	4820			0		GA01					GA01				
10	3792			0		GA01					GA01				
11	3398			0		GA01					GA01				
12	3248		.13	.13		GA01					GA01				

[1] Batch Certification: The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.

[3] Difference = Final Pressure - Initial Pressure . Acceptance Criteria: (1) The difference must be less than or equal to + 0.25psi. (2) Pressure readings must be at least 24 hours apart.

If time frame was not met, the PM must authorize shipment of canister **PM Authorization** **Date:** 7/9/24

Clean Canister Certification Analysis & Authorization of Release to Inventory

Test Method: ☒ TO15 Routine ☐ TO15 LL

Can ID	Date	Sequence	Analyst	Inventory Level 1	2	3	4	Secondary Review Limited	Review Date	Review
5680	7/6/24	61067	ABI		XXXXXX				7/16/24	TPB

Inventory Level 1: Individual Canister Certification (TO15LL 0.01).

Inventory Level 2: Individual or Batch Certification (TO15 0.04 ppbv).

Inventory Level 3: Individual or Batch Certification (TO15 0.2 ppbv).

Inventory Level Limited: Canisters may only be used for certain projects.

Dup Tees/Vac gauges (enter IDs if included):

Comments:

Form ID: FAI023:12
Revision Date: 12/18/2018

TestAmerica Burlington

200-74215-A-7
5680
Location: Air-Storage
Bottle: Summa Canister 6L
Sampled: 7/5/2024 12:00 AM 200-1903313

Loc: 200
74215
#7 A
Air-Storag

Page 27 of 45

8/28/2024

Pre-Shipment Clean Canister Certification Report

Canister Cleaning & Pre-Shipment Leak Test

System ID	Max DF#	# Cycles	Cleaning Start Date/Time		System Start Temp(s):		Technician	Can Size	Certification Type:
Oven 1/2	10	100	7/7/2024	958	24	24	SML	6 liter	batch

Port	Can ID	Initial[1] (psia)	Final (psia)	Diff.[3]	Final ("Hg)	Initial Reading Gauge:	Date:	Time:	Tech:	Temp:	Final Reading Gauge:	Date:	Time:	Tech:	Temp:
1	4015	0	0	0	0	GA01	7/9/24	0913	KS	23.0	GA01	7/23/24	1350	KS	23.0
2	5429	0	0	0	-30.2	GA01	7/9/24	0913	"	23	GA01				
3	4297			0		GA01					GA01				
4	5646			0		GA01					GA01				
5	3286		.15	.15		GA01					GA01				
6	34001295		0	0		GA01					GA01				
7	8151			0		GA01					GA01				
8	5427			0		GA01					GA01				
9	3257			0		GA01					GA01				
10	3265			0		GA01					GA01				
11	34001293			0		GA01					GA01				
12	34000200			0		GA01					GA01				

NJVI

[1] Batch Certification: The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.

[3] Difference = Final Pressure - Initial Pressure . Acceptance Criteria: (1) The difference must be less than or equal to + 0.25psi. (2) Pressure readings must be at least 24 hours apart.

If time frame was not met, the PM must authorize shipment of canister **PM Authorization** **Date:**

Clean Canister Certification Analysis & Authorization of Release to Inventory

Test Method: ☑ TO15 Routine ☐ TO15 LL

Can ID	Date	Sequence	Analyst	Inventory Level 1	2	3	4	Secondary Review Limited	Review Date	Revie
4015	7/10/24	61086	ABJ		XXXXXXXX				7/10/24	GTB

Inventory Level 1: Individual Canister Certification (TO15LL 0.01).

Inventory Level 2: Individual or Batch Certification (TO15 0.04 ppbv).

Inventory Level 3: Individual or Batch Certification (TO15 0.2 ppbv).

Inventory Level Limited: Canisters may only be used for certain projects.

Dup Tees/Vac gauges (enter IDs if included):

Comments:

8/8/24

200-74226-A-1

Location: Air-Storage

Sampled: 7/7/2024 12:00 AM

200-1903423

4015

200-74226-A-1

Log: 200

74226

#1 A

Air-Storag

Page 28 of 45

8/28/2024

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-74215-1

SDG No.:

Client Sample ID: 5680 Lab Sample ID: 200-74215-7

Matrix: Air Lab File ID: 61067_006.D

Analysis Method: TO-15 Date Collected: 07/05/2024 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 07/08/2024 10:58

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 206062 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.028	U	0.028	0.028
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.028	U	0.028	0.028
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.10	U	0.10	0.10
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.028	U	0.028	0.028
540-59-0	1,2-Dichloroethene, Total	0.080	U	0.080	0.080
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-74215-1

SDG No.:

Client Sample ID: 5680 Lab Sample ID: 200-74215-7

Matrix: Air Lab File ID: 61067_006.D

Analysis Method: TO-15 Date Collected: 07/05/2024 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 07/08/2024 10:58

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 206062 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
56-23-5	Carbon tetrachloride	0.028	U	0.028	0.028
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.028	U	0.028	0.028
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.14	U	0.14	0.14
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-74215-1

SDG No.:

Client Sample ID: 5680 Lab Sample ID: 200-74215-7

Matrix: Air Lab File ID: 61067_006.D

Analysis Method: TO-15 Date Collected: 07/05/2024 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 07/08/2024 10:58

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 206062 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20240708-61067.b\61067_006.D
Lims ID: 200-74215-A-7
Client ID: 5680
Sample Type: Client
Inject. Date: 08-Jul-2024 10:58:28 ALS Bottle#: 0 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0061067-006
Misc. Info.: 74215-7
Operator ID: vtp Instrument ID: CHAM.i

Method: \\chromfs\Burlington\ChromData\CHAM.i\20240708-61067.b\TO15_TO3_Master_Method_AM1.m
Limit Group: AI_TO15_ICAL
Last Update: 09-Jul-2024 08:19:12 Calib Date: 18-Jun-2024 22:56:27
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAM.i\20240618-60827.b\60827_013.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1677

First Level Reviewer: F7XK Date: 09-Jul-2024 08:19:12

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	1 Propene	41		4.316				ND	7
	2 Dichlorodifluoromethane	85		4.412				ND	
	3 Chlorodifluoromethane	51		4.465				ND	
	4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.786				ND	
	5 Chloromethane	50		4.915				ND	7
	7 Butane	43		5.214				ND	7
	6 Vinyl chloride	62		5.214				ND	
	8 Butadiene	54		5.332				ND	
	9 Bromomethane	94		6.081				ND	
	10 Chloroethane	64		6.359				ND	
	13 Vinyl bromide	106		6.793				ND	
	14 Trichlorofluoromethane	101		6.953				ND	
	16 Ethanol	45		7.360				ND	
	20 1,1-Dichloroethene	96		8.034				ND	
	21 1,1,2-Trichloro-1,2,2-trifluoroe	101		8.071				ND	
	22 Acetone	43		8.130				ND	7
	23 Isopropyl alcohol	45		8.435				ND	7
	24 Carbon disulfide	76	8.440	8.440	0.000	99	6085	0.0376	
	26 3-Chloro-1-propene	41		8.745				ND	7
	27 Methylene Chloride	49		8.986				ND	7
	28 2-Methyl-2-propanol	59		9.216				ND	
	30 trans-1,2-Dichloroethene	61		9.483				ND	
	31 Methyl tert-butyl ether	73		9.483				ND	
	32 Hexane	57		9.992				ND	7
S	35 1,2-Dichloroethene, Total	61		10.200				ND	7
	33 1,1-Dichloroethane	63		10.270				ND	
	34 Vinyl acetate	43		10.275				ND	
	36 2-Butanone (MEK)	72		11.260				ND	
	37 cis-1,2-Dichloroethene	96		11.281				ND	
	38 Ethyl acetate	88		11.334				ND	
*	39 Chlorobromomethane	128	11.698	11.698	0.000	96	321810	10.0	

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	40 Tetrahydrofuran	42		11.730				ND	
	41 Chloroform	83		11.880				ND	
	42 1,1,1-Trichloroethane	97		12.174				ND	
	43 Cyclohexane	84		12.303				ND	
	44 Carbon tetrachloride	117		12.453				ND	
	45 Benzene	78		12.806				ND	7
	46 1,2-Dichloroethane	62		12.897				ND	
	47 Isooctane	57		13.009				ND	
	48 n-Heptane	43		13.319				ND	7
*	49 1,4-Difluorobenzene	114	13.549	13.549	0.000	96	1557904	10.0	
	51 Trichloroethene	95		13.983				ND	
	53 1,2-Dichloropropane	63		14.448				ND	
	54 Methyl methacrylate	69		14.534				ND	
	55 1,4-Dioxane	88		14.582				ND	
	57 Dibromomethane	174	14.614	14.614	0.000	81	701	0.009670	7M
	58 Dichlorobromomethane	83		14.924				ND	
	59 cis-1,3-Dichloropropene	75		15.727				ND	
	61 4-Methyl-2-pentanone (MIBK)	43		15.994				ND	
	62 Toluene	92	16.363	16.363	0.005	83	398	0.003197	7M
	66 trans-1,3-Dichloropropene	75		16.791				ND	
	67 1,1,2-Trichloroethane	83		17.166				ND	
	68 Tetrachloroethene	166	17.353	17.352	0.005	92	18665	0.1803	
	69 2-Hexanone	43		17.578				ND	
	70 Chlorodibromomethane	129		17.904				ND	
	71 Ethylene Dibromide	107		18.145				ND	
*	73 Chlorobenzene-d5	117	19.054	19.049	0.005	87	1377397	10.0	
	74 Chlorobenzene	112		19.108				ND	
	75 Ethylbenzene	91		19.295				ND	7
	76 m-Xylene & p-Xylene	106		19.557				ND	
S	80 Xylenes, Total	106		20.100				ND	7
	78 o-Xylene	106		20.327				ND	
	79 Styrene	104		20.365				ND	
	81 Bromoform	173		20.707				ND	
	82 Isopropylbenzene	105		20.996				ND	
	83 1,1,2,2-Tetrachloroethane	83		21.520				ND	7
	85 N-Propylbenzene	91		21.692				ND	
	86 2-Chlorotoluene	91		21.841				ND	
	87 4-Ethyltoluene	105		21.884				ND	
	88 1,3,5-Trimethylbenzene	105		21.975				ND	
	91 tert-Butylbenzene	119		22.451				ND	
	92 1,2,4-Trimethylbenzene	105		22.537				ND	7
	93 sec-Butylbenzene	105		22.772				ND	7
	94 1,3-Dichlorobenzene	146		22.949				ND	7
	95 4-Isopropyltoluene	119		22.981				ND	7
	96 1,4-Dichlorobenzene	146		23.088				ND	7
	97 Benzyl chloride	91		23.243				ND	7
	98 n-Butylbenzene	91		23.548				ND	7
	99 1,2-Dichlorobenzene	146		23.591				ND	7
	102 1,2,4-Trichlorobenzene	180		26.095				ND	7
	103 Hexachlorobutadiene	225		26.341				ND	
	104 Naphthalene	128		26.592				ND	7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

Reagents:

ATTO15AMISs_00003 Amount Added: 20.00 Units: mL Run Reagent

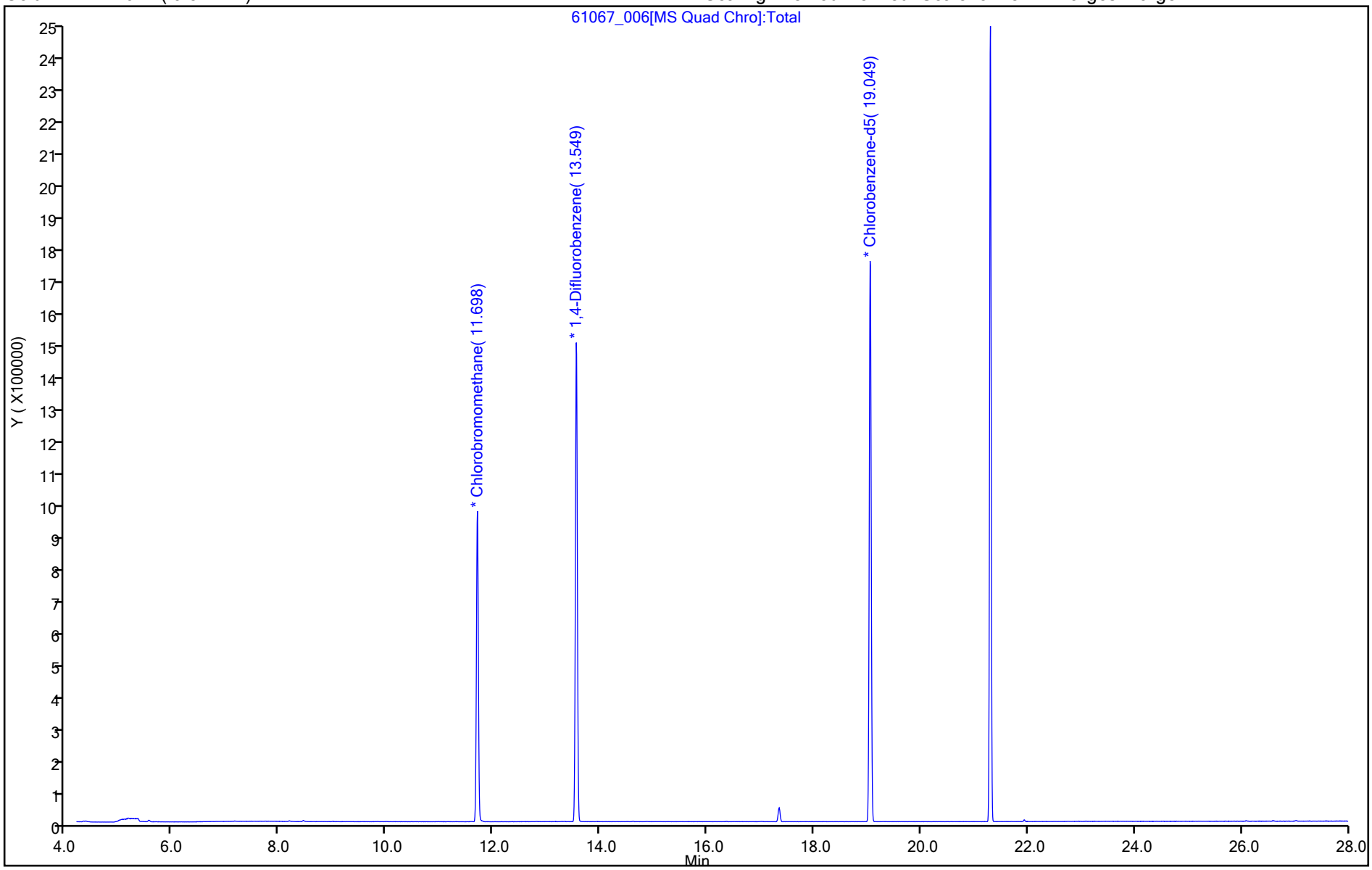
Report Date: 09-Jul-2024 08:19:12 Chrom Revision: 2.3 26-Jun-2024 16:13:32

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20240708-61067.b\61067_006.D

Injection Date:	08-Jul-2024 10:58:28	Instrument ID:	CHAM.i	Operator ID:	vtp
Lims ID:	200-74215-A-7	Lab Sample ID:	200-74215-7	Worklist Smp#:	6
Client ID:	5680				
Purge Vol:	200.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	0
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins Burlington

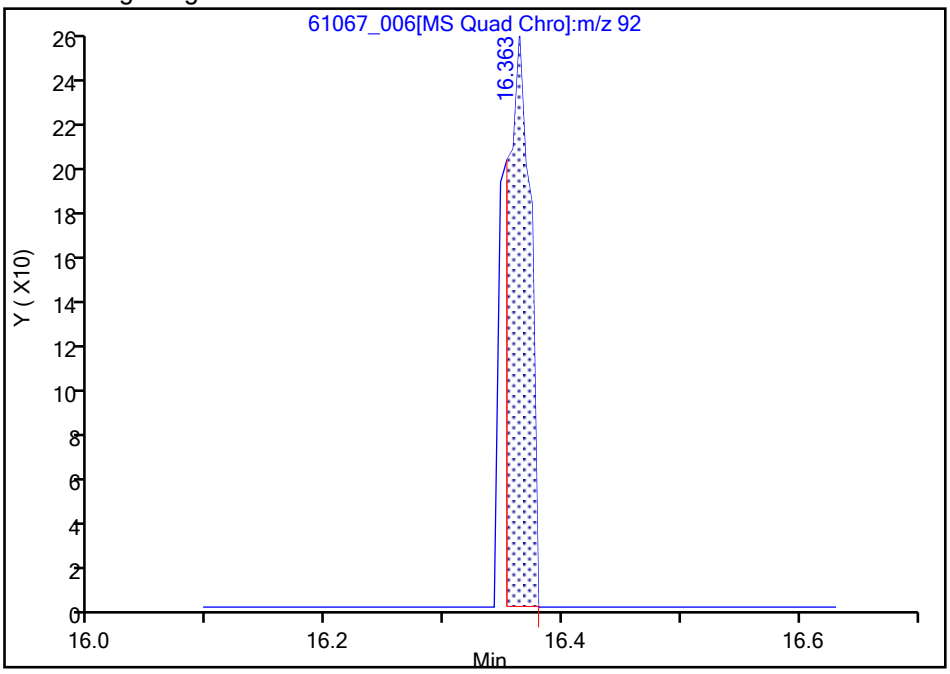
Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20240708-61067.b\61067_006.D				
Injection Date:	08-Jul-2024 10:58:28	Instrument ID:	CHAM.i		
Lims ID:	200-74215-A-7	Lab Sample ID:	200-74215-7		
Client ID:	5680				
Operator ID:	vtp	ALS Bottle#:	0	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

62 Toluene, CAS: 108-88-3

Signal: 1

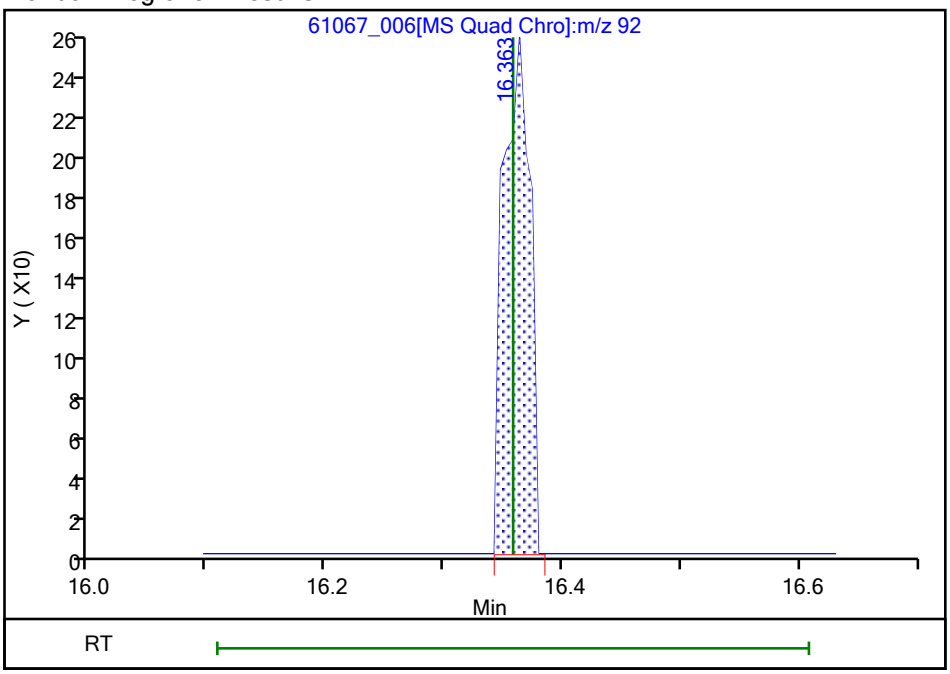
Processing Integration Results

RT: 16.36
Area: 337
Amount: 0.002707
Amount Units: ppb v/v



Manual Integration Results

RT: 16.36
Area: 398
Amount: 0.003197
Amount Units: ppb v/v



Reviewer: F7XK, 09-Jul-2024 08:18:06 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-74227-1

SDG No.:

Client Sample ID: 4015 Lab Sample ID: 200-74227-1

Matrix: Air Lab File ID: 61086-09.d

Analysis Method: TO-15 Date Collected: 07/07/2024 00:00

Sample wt/vol: 200(mL) Date Analyzed: 07/09/2024 15:36

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 206107 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.20	U	0.20	0.069
100-42-5	Styrene	0.20	U	0.20	0.059
10061-01-5	1,3-Dichloropropene, cis-	0.20	U	0.20	0.045
10061-02-6	1,3-Dichloropropene, trans-	0.20	U	0.20	0.054
106-46-7	1,4-Dichlorobenzene	0.20	U	0.20	0.089
106-93-4	1,2-Dibromoethane	0.20	U	0.20	0.042
106-99-0	1,3-Butadiene	0.20	U	0.20	0.039
107-05-1	Allyl chloride	0.50	U	0.50	0.12
107-06-2	1,2-Dichloroethane	0.20	U	0.20	0.093
108-10-1	Methyl isobutyl ketone (MIBK)	0.50	U	0.50	0.13
108-67-8	1,3,5-Trimethylbenzene	0.20	U	0.20	0.047
108-88-3	Toluene	0.20	U	0.20	0.062
108-90-7	Chlorobenzene	0.20	U	0.20	0.044
109-99-9	Tetrahydrofuran	5.0	U	5.0	1.3
110-54-3	Hexane	0.50	U	0.50	0.11
110-82-7	Cyclohexane	0.20	U	0.20	0.058
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.50	0.33
123-91-1	1,4-Dioxane	0.20	U	0.20	0.082
124-48-1	Dibromochloromethane	0.20	U	0.20	0.063
127-18-4	Tetrachloroethene	0.20	U	0.20	0.021
142-82-5	n-Heptane	0.20	U	0.20	0.055
156-59-2	1,2-Dichloroethene, cis-	0.14	U	0.14	0.021
156-60-5	1,2-Dichloroethene, trans-	0.20	U	0.20	0.023
1634-04-4	Methyl tert-butyl ether	0.20	U	0.20	0.036
179601-23-1	m,p-Xylene	0.50	U	0.50	0.095
540-84-1	2,2,4-Trimethylpentane	0.20	U	0.20	0.038
541-73-1	1,3-Dichlorobenzene	0.20	U	0.20	0.074
56-23-5	Carbon tetrachloride	0.14	U	0.14	0.022
593-60-2	Vinyl bromide	0.20	U	0.20	0.050
622-96-8	4-Ethyltoluene	0.20	U	0.20	0.049
64-17-5	Ethanol	5.0	U	5.0	2.6
67-63-0	Isopropanol	5.0	U	5.0	1.6

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-74227-1

SDG No.:

Client Sample ID: 4015 Lab Sample ID: 200-74227-1

Matrix: Air Lab File ID: 61086-09.d

Analysis Method: TO-15 Date Collected: 07/07/2024 00:00

Sample wt/vol: 200(mL) Date Analyzed: 07/09/2024 15:36

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 206107 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	5.0	U	5.0	1.6
67-66-3	Chloroform	0.20	U	0.20	0.041
71-43-2	Benzene	0.20	U	0.20	0.044
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	0.044
74-83-9	Bromomethane	0.20	U	0.20	0.071
74-87-3	Chloromethane	0.50	U	0.50	0.15
75-00-3	Chloroethane	0.50	U	0.50	0.18
75-01-4	Vinyl chloride	0.14	U	0.14	0.021
75-09-2	Methylene Chloride	0.50	U	0.50	0.18
75-15-0	Carbon disulfide	0.50	U	0.50	0.13
75-25-2	Bromoform	0.20	U	0.20	0.12
75-27-4	Bromodichloromethane	0.20	U	0.20	0.050
75-34-3	1,1-Dichloroethane	0.20	U	0.20	0.025
75-35-4	1,1-Dichloroethene	0.14	U	0.14	0.026
75-65-0	tert-Butyl alcohol	5.0	U	5.0	1.2
75-69-4	Trichlorofluoromethane	0.20	U	0.20	0.050
75-71-8	Dichlorodifluoromethane	0.50	U	0.50	0.11
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.20	U	0.20	0.053
76-14-2	1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.048
78-87-5	1,2-Dichloropropane	0.20	U	0.20	0.094
78-93-3	Methyl ethyl ketone (MEK)	0.50	U	0.50	0.49
79-00-5	1,1,2-Trichloroethane	0.20	U	0.20	0.074
79-01-6	Trichloroethene	0.14	U	0.14	0.025
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043
80-62-6	Methyl methacrylate	0.50	U	0.50	0.14
87-68-3	Hexachlorobutadiene	0.20	U	0.20	0.11
91-20-3	Naphthalene	0.50	U	0.50	0.30
95-47-6	Xylene, o-	0.20	U	0.20	0.063
95-49-8	2-Chlorotoluene	0.20	U	0.20	0.046
95-50-1	1,2-Dichlorobenzene	0.20	U	0.20	0.066
95-63-6	1,2,4-Trimethylbenzene	0.20	U	0.20	0.080
591-78-6	2-Hexanone	0.50	U	0.50	0.15

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-74227-1

SDG No.:

Client Sample ID: 4015 Lab Sample ID: 200-74227-1

Matrix: Air Lab File ID: 61086-09.d

Analysis Method: TO-15 Date Collected: 07/07/2024 00:00

Sample wt/vol: 200(mL) Date Analyzed: 07/09/2024 15:36

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 206107 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
115-07-1	Propene	5.0	U	5.0	1.2
75-45-6	Chlorodifluoromethane	0.50	U	0.50	0.12
106-97-8	Butane	0.50	U	0.50	0.20
108-05-4	Vinyl acetate	5.0	U	5.0	1.2
141-78-6	Ethyl acetate	5.0	U	5.0	1.6
98-82-8	Isopropylbenzene	0.20	U	0.20	0.041
103-65-1	N-Propylbenzene	0.20	U	0.20	0.047
98-06-6	tert-Butylbenzene	0.20	U	0.20	0.047
135-98-8	sec-Butylbenzene	0.20	U	0.20	0.045
99-87-6	4-Isopropyltoluene	0.20	U	0.20	0.061
100-44-7	Benzyl chloride	0.20	U	0.20	0.088
104-51-8	n-Butylbenzene	0.20	U	0.20	0.11

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20240709-61086.b\61086-09.d
Lims ID: 200-74227-A-1
Client ID: 4015
Sample Type: Client
Inject. Date: 09-Jul-2024 15:36:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0061086-009
Operator ID: vtp Instrument ID: CHW.i

Method: \\chromfs\Burlington\ChromData\CHW.i\20240709-61086.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 10-Jul-2024 08:56:15 Calib Date: 19-Apr-2024 03:38:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20240418-59993.b\59993-14.d

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1674

First Level Reviewer: F7XK Date: 10-Jul-2024 08:56:15

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1	Propene	41		4.110				ND	
2	Dichlorodifluoromethane	85		4.201				ND	
3	Chlorodifluoromethane	51		4.238				ND	7
4	1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.543				ND	
5	Chloromethane	50		4.655				ND	
6	Vinyl chloride	62		4.960				ND	
7	Butane	43		4.966				ND	
8	Butadiene	54		5.078				ND	
9	Bromomethane	94		5.827				ND	
10	Chloroethane	64		6.121				ND	
13	Vinyl bromide	106		6.586				ND	
14	Trichlorofluoromethane	101		6.774				ND	
16	Ethanol	45		7.196				ND	
20	1,1-Dichloroethene	96		7.999				ND	
21	1,1,2-Trichloro-1,2,2-trifluoroe	101		8.047				ND	7
22	Acetone	43		8.084				ND	
23	Isopropyl alcohol	45		8.443				ND	
24	Carbon disulfide	76	8.507	8.507	0.016	97	1394	0.0389	M
26	3-Chloro-1-propene	41		8.828				ND	
27	Methylene Chloride	49		9.106				ND	7
28	2-Methyl-2-propanol	59		9.368				ND	
30	trans-1,2-Dichloroethene	61		9.711				ND	
31	Methyl tert-butyl ether	73		9.721				ND	
32	Hexane	57		10.315				ND	
33	1,1-Dichloroethane	63		10.604				ND	
34	Vinyl acetate	43		10.615				ND	
36	2-Butanone (MEK)	72		11.706				ND	
37	cis-1,2-Dichloroethene	96		11.738				ND	
38	Ethyl acetate	88		11.802				ND	
* 39	Chlorobromomethane	128	12.209	12.204	0.005	94	87818	10.0	
40	Tetrahydrofuran	42		12.263				ND	
41	Chloroform	83		12.391				ND	

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	42 1,1,1-Trichloroethane	97		12.744				ND	
	43 Cyclohexane	84		12.904				ND	
	44 Carbon tetrachloride	117		13.054				ND	
	45 Benzene	78		13.423				ND	
	46 1,2-Dichloroethane	62		13.498				ND	
	47 Isooctane	57		13.653				ND	
	48 n-Heptane	43		13.980				ND	
*	49 1,4-Difluorobenzene	114	14.210	14.204	0.006	94	445457	10.0	
	51 Trichloroethene	95		14.675				ND	
	53 1,2-Dichloropropane	63		15.157				ND	
	54 Methyl methacrylate	69		15.232				ND	
	55 1,4-Dioxane	88		15.307				ND	
	58 Dichlorobromomethane	83		15.644				ND	
	59 cis-1,3-Dichloropropene	75		16.483				ND	
	61 4-Methyl-2-pentanone (MIBK)	43		16.746				ND	
	62 Toluene	92		17.158				ND	
	66 trans-1,3-Dichloropropene	75		17.564				ND	
	67 1,1,2-Trichloroethane	83		17.960				ND	
	68 Tetrachloroethene	166		18.190				ND	
	69 2-Hexanone	43		18.372				ND	
	70 Chlorodibromomethane	129		18.730				ND	
	71 Ethylene Dibromide	107		18.987				ND	
*	73 Chlorobenzene-d5	117	19.918	19.918	0.000	86	385333	10.0	
	74 Chlorobenzene	112		19.977				ND	
	75 Ethylbenzene	91		20.159				ND	7
	76 m-Xylene & p-Xylene	106		20.410				ND	
	78 o-Xylene	106		21.122				ND	
	79 Styrene	104		21.148				ND	
	81 Bromoform	173		21.475				ND	
	82 Isopropylbenzene	105		21.737				ND	
	83 1,1,2,2-Tetrachloroethane	83		22.197				ND	
	85 N-Propylbenzene	91		22.395				ND	
	86 2-Chlorotoluene	91		22.545				ND	
	87 4-Ethyltoluene	105		22.577				ND	
	88 1,3,5-Trimethylbenzene	105		22.662				ND	
	91 tert-Butylbenzene	119		23.122				ND	
	92 1,2,4-Trimethylbenzene	105		23.203				ND	
	93 sec-Butylbenzene	105		23.443				ND	
	94 1,3-Dichlorobenzene	146		23.636				ND	
	95 4-Isopropyltoluene	119		23.657				ND	
	96 1,4-Dichlorobenzene	146		23.780				ND	
	97 Benzyl chloride	91		23.930				ND	
	98 n-Butylbenzene	91		24.257				ND	
	99 1,2-Dichlorobenzene	146		24.315				ND	
	102 1,2,4-Trichlorobenzene	180		27.038				ND	
	103 Hexachlorobutadiene	225		27.306				ND	
	104 Naphthalene	128		27.589				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

Reagents:

ATTO15WISs_00010 Amount Added: 20.00 Units: mL Run Reagent

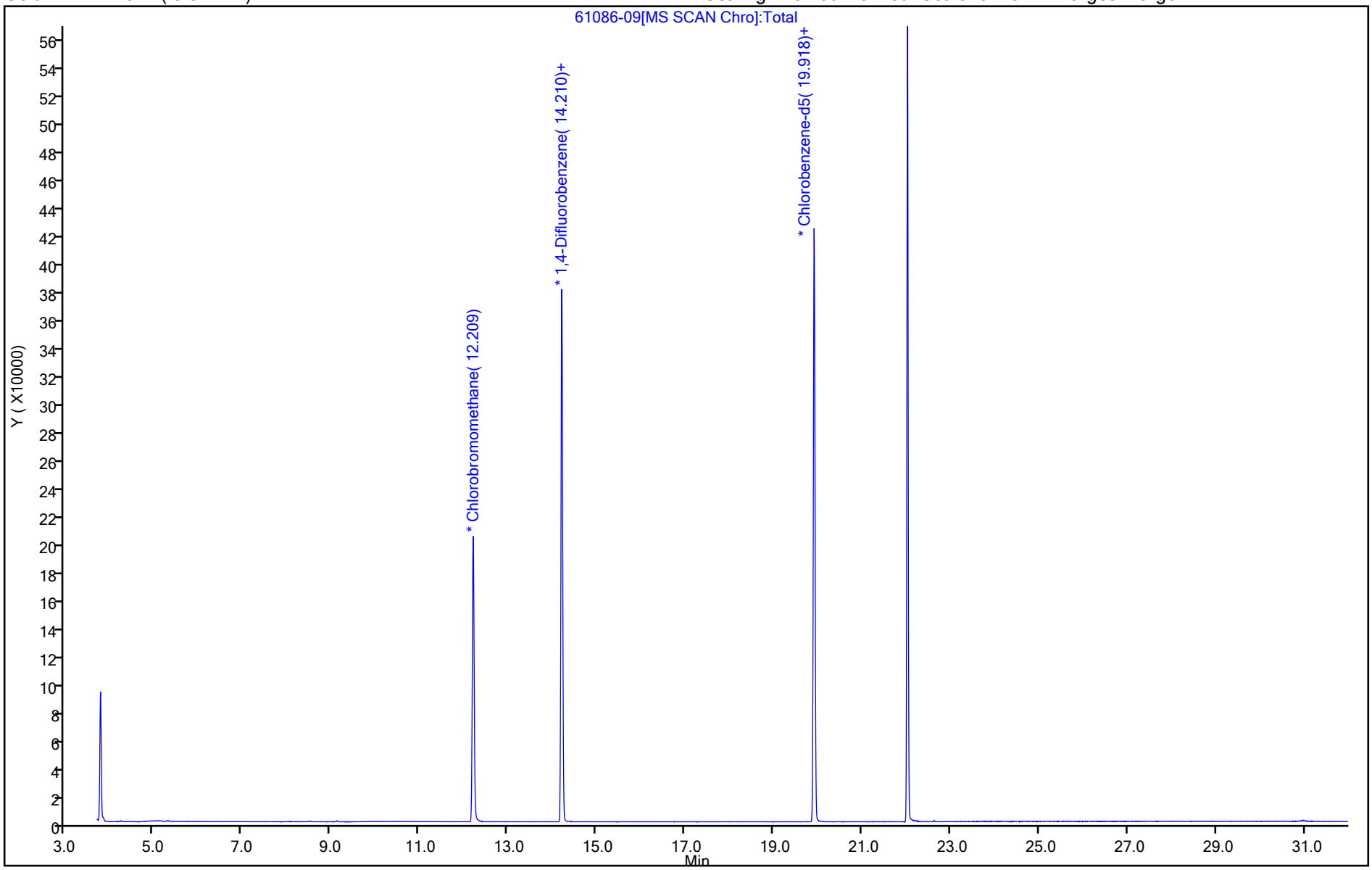
Report Date: 10-Jul-2024 08:56:16 Chrom Revision: 2.3 26-Jun-2024 16:13:32

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20240709-61086.b\61086-09.d

Injection Date:	09-Jul-2024 15:36:30	Instrument ID:	CHW.i	Operator ID:	vtp
Lims ID:	200-74227-A-1	Lab Sample ID:	200-74227-1	Worklist Smp#:	9
Client ID:	4015				
Purge Vol:	200.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins Burlington

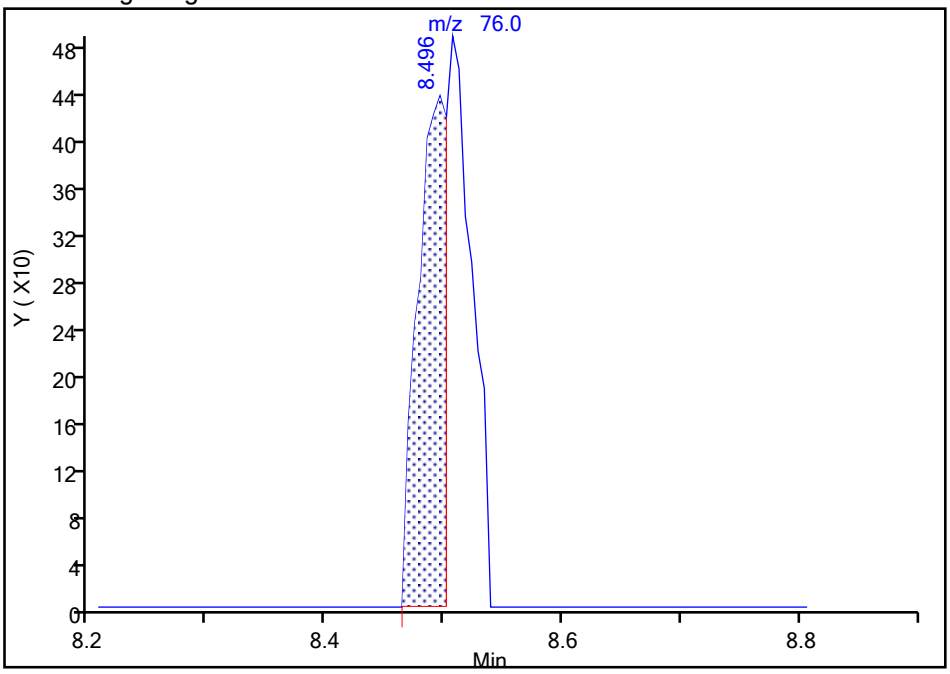
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Injection Date:	09-Jul-2024 15:36:30	Instrument ID:	CHW.i		
Lims ID:	200-74227-A-1	Lab Sample ID:	200-74227-1		
Client ID:	4015				
Operator ID:	vtp	ALS Bottle#:	8	Worklist Smp#:	9
Purge Vol:	200.000 mL	Dil. Factor:	1.0000		
Method:	TO15_TO3_MasterMethod_W	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

24 Carbon disulfide, CAS: 75-15-0

Signal: 1

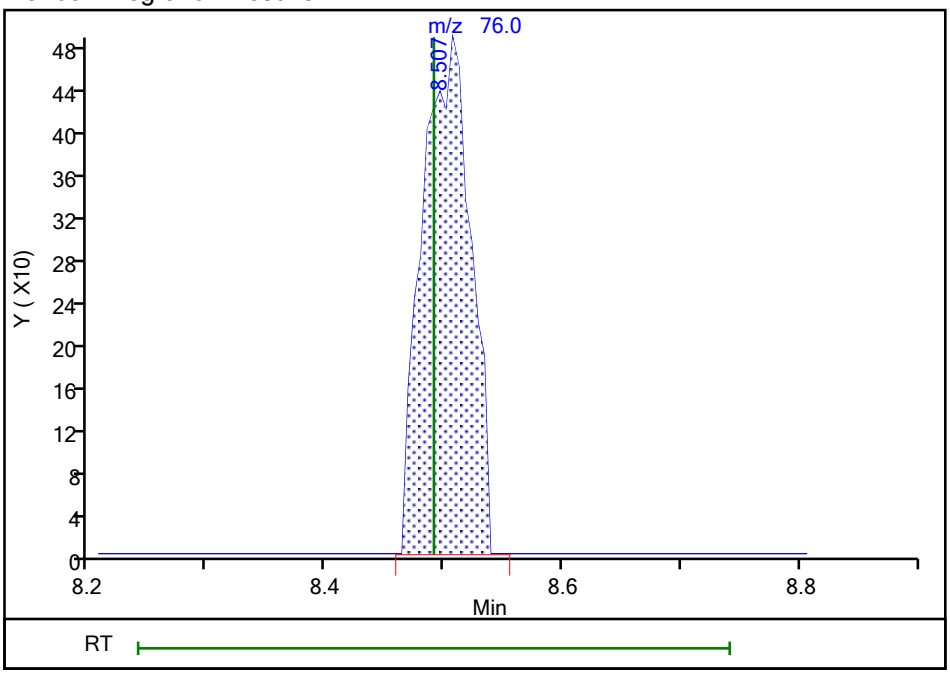
Processing Integration Results

RT: 8.50
Area: 757
Amount: 0.021122
Amount Units: ppb v/v



Manual Integration Results

RT: 8.51
Area: 1394
Amount: 0.038897
Amount Units: ppb v/v



Reviewer: F7XK, 10-Jul-2024 08:54:41 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

Summa Canister Dilution Worksheet

Client: GHD Services Inc.
Project/Site: 12616852, GM-Lockport Air 256042

Job No.: 480-222809-1

Lab Sample ID	Canister Volume (L)	Preadjusted Pressure ("Hg)	Preadjusted Pressure (atm)	Preadjusted Volume (L)	Adjusted Pressure (psig)	Adjusted Pressure (atm)	Adjusted Volume (L)	Initial Volume (mL)	Dilution Factor	Final Dilution Factor	Pressure Gauge ID	Date	Analyst Initals
480-222809-2	6	-13.8	0.54	3.23	-2.75046	0.81	4.88		1.51	1.51	G20	08/23/24 15:03	TPB
480-222809-3	6	-16.5	0.45	2.69	-2.75046	0.81	4.88		1.81	1.81	G20	08/23/24 15:03	TPB

Formulae:

Preadjusted Volume (L) = ((Preadjusted Pressure ("Hg) + 29.92 "Hg) * Vol L) / 29.92 "Hg
Adjusted Volume (L) = ((Adjusted Pressure (psig) + 14.7 psig)* Vol L) / 14.7 psig
Dilution Factor = Adjusted Volume (L) / Preadjusted Volume (L)

Where:

29.92 "Hg = Standard atmospheric pressure in inches of Mercury (“Hg)
14.7 psig = Standard atmospheric pressure in pounds per square inch gauge (psig)

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ANALYTICAL REPORT

PREPARED FOR

Attn: Christopher Arcuri
GHD Services Inc.
2055 Niagara Falls Blvd., Suite 3
Niagara Falls, New York 14304

Generated 4/14/2025 10:20:01 AM

JOB DESCRIPTION

12616852, GM-Lockport Air 256042

JOB NUMBER

480-227934-1

Eurofins Buffalo
10 Hazelwood Drive
Amherst NY 14228-2298

See page two for job notes and contact information.

myEOL

Job Notes

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

Authorization



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4/14/2025 10:20:01 AM

Authorized for release by
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Denise.Heckler@et.eurofinsus.com
(330)966-9477

Table of Contents

Cover Page 1
Table of Contents 3
Definitions/Glossary 4
Case Narrative 5
Detection Summary 6
Client Sample Results 7
Surrogate Summary 9
QC Sample Results 10
QC Association Summary 11
Lab Chronicle 12
Certification Summary 13
Method Summary 14
Sample Summary 15
Chain of Custody 16
Receipt Checklists 18
Air Canister Dilution 19

Definitions/Glossary

Client: GHD Services Inc.
Job ID: 480-227934-1
Project/Site: 12616852, GM-Lockport Air 256042

Qualifiers

Air - 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.

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

Job ID: 480-227934-1 Eurofins Buffalo

Job Narrative
480-227934-1

Receipt
The samples were received on 3/18/2025 10:15 AM. Unless otherwise noted below, the samples arrived in good condition.

Air - GC/MS VOA
Method Air Transfer: The following samples were received in air sample bags: 7W-1-031725 (480-227934-1), 7W-3-031725 (480-227934-2) and 8-3-031725 (480-227934-3). In order to extend the holding times, these samples were transferred from the air sample bags into Summa canisters.

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

Detection Summary

Client: GHD Services Inc.
Project/Site: 12616852, GM-Lockport Air 256042

Job ID: 480-227934-1

Client Sample ID: 7W-1-031725 — Lab Sample ID: 480-227934-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	8.0	J	16	2.0	ug/m3	31.22		TO-14A	Total/NA
Methylene Chloride	75		69	60	ug/m3	31.22		TO-14A	Total/NA
Tetrachloroethene	870		27	3.9	ug/m3	31.22		TO-14A	Total/NA
Trichloroethene	23		21	3.5	ug/m3	31.22		TO-14A	Total/NA
1,2-Dichloroethene, Total	8.0	J	32	2.0	ug/m3	31.22		TO-14A	Total/NA

Client Sample ID: 7W-3-031725 — Lab Sample ID: 480-227934-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	4.7	J	17	2.1	ug/m3	42.45		TO-14A	Total/NA
Methylene Chloride	84		74	63	ug/m3	42.45		TO-14A	Total/NA
Tetrachloroethene	1500		29	4.2	ug/m3	42.45		TO-14A	Total/NA
Trichloroethene	45		23	3.8	ug/m3	42.45		TO-14A	Total/NA
1,2-Dichloroethene, Total	4.7	J	34	2.1	ug/m3	42.45		TO-14A	Total/NA

Client Sample ID: 8-3-031725 — Lab Sample ID: 480-227934-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	3100		460	58	ug/m3	731.97		TO-14A	Total/NA
Trichloroethene	33000		630	100	ug/m3	731.97		TO-14A	Total/NA
1,2-Dichloroethene, Total	3100		930	58	ug/m3	731.97		TO-14A	Total/NA

This Detection Summary does not include radiochemical test results.

Client: GHD Services Inc.
Project/Site: 12616852, GM-Lockport Air 256042

Job ID: 480-227934-1

Client Sample ID: 7W-1-031725

Lab Sample ID: 480-227934-1

Date Collected: 03/17/25 12:55
Matrix: Air
Date Received: 03/18/25 10:15
Sample Container: Tedlar Bag 1L

Method: EPA-21 TO-14A - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		22	16	ug/m3		03/18/25 12:43	04/02/25 09:11	31.22
1,1-Dichloroethane	ND		16	2.2	ug/m3		03/18/25 12:43	04/02/25 09:11	31.22
1,1-Dichloroethene	ND		16	2.5	ug/m3		03/18/25 12:43	04/02/25 09:11	31.22
1,2-Dichloroethane	ND		16	3.1	ug/m3		03/18/25 12:43	04/02/25 09:11	31.22
Benzene	ND		13	2.1	ug/m3		03/18/25 12:43	04/02/25 09:11	31.22
Carbon tetrachloride	ND		25	4.0	ug/m3		03/18/25 12:43	04/02/25 09:11	31.22
Chloroform	ND		20	3.5	ug/m3		03/18/25 12:43	04/02/25 09:11	31.22
cis-1,2-Dichloroethene	**8.0**	**J**	16	2.0	ug/m3		03/18/25 12:43	04/02/25 09:11	31.22
Methylene Chloride	**75**		69	60	ug/m3		03/18/25 12:43	04/02/25 09:11	31.22
Tetrachloroethene	**870**		27	3.9	ug/m3		03/18/25 12:43	04/02/25 09:11	31.22
trans-1,2-Dichloroethene	ND		16	2.6	ug/m3		03/18/25 12:43	04/02/25 09:11	31.22
Trichloroethene	**23**		21	3.5	ug/m3		03/18/25 12:43	04/02/25 09:11	31.22
Vinyl chloride	ND		20	3.3	ug/m3		03/18/25 12:43	04/02/25 09:11	31.22
1,2-Dichloroethene, Total	**8.0**	**J**	32	2.0	ug/m3		03/18/25 12:43	04/02/25 09:11	31.22

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*60 - 140*	*03/18/25 12:43*	*04/02/25 09:11*	*31.22*

Client Sample ID: 7W-3-031725

Lab Sample ID: 480-227934-2

Date Collected: 03/17/25 13:00
Matrix: Air
Date Received: 03/18/25 10:15
Sample Container: Tedlar Bag 1L

Method: EPA-21 TO-14A - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		23	17	ug/m3		03/18/25 12:43	04/01/25 18:20	42.45
1,1-Dichloroethane	ND		17	2.3	ug/m3		03/18/25 12:43	04/01/25 18:20	42.45
1,1-Dichloroethene	ND		17	2.7	ug/m3		03/18/25 12:43	04/01/25 18:20	42.45
1,2-Dichloroethane	ND		17	3.3	ug/m3		03/18/25 12:43	04/01/25 18:20	42.45
Benzene	ND		14	2.2	ug/m3		03/18/25 12:43	04/01/25 18:20	42.45
Carbon tetrachloride	ND		27	4.3	ug/m3		03/18/25 12:43	04/01/25 18:20	42.45
Chloroform	ND		21	3.7	ug/m3		03/18/25 12:43	04/01/25 18:20	42.45
cis-1,2-Dichloroethene	**4.7**	**J**	17	2.1	ug/m3		03/18/25 12:43	04/01/25 18:20	42.45
Methylene Chloride	**84**		74	63	ug/m3		03/18/25 12:43	04/01/25 18:20	42.45
Tetrachloroethene	**1500**		29	4.2	ug/m3		03/18/25 12:43	04/01/25 18:20	42.45
trans-1,2-Dichloroethene	ND		17	2.8	ug/m3		03/18/25 12:43	04/01/25 18:20	42.45
Trichloroethene	**45**		23	3.8	ug/m3		03/18/25 12:43	04/01/25 18:20	42.45
Vinyl chloride	ND		22	3.5	ug/m3		03/18/25 12:43	04/01/25 18:20	42.45
1,2-Dichloroethene, Total	**4.7**	**J**	34	2.1	ug/m3		03/18/25 12:43	04/01/25 18:20	42.45

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*60 - 140*	*03/18/25 12:43*	*04/01/25 18:20*	*42.45*

Client Sample Results

Client: GHD Services Inc.
Job ID: 480-227934-1
Project/Site: 12616852, GM-Lockport Air 256042

Client Sample ID: 8-3-031725
Lab Sample ID: 480-227934-3

Date Collected: 03/17/25 10:35
Matrix: Air
Date Received: 03/18/25 10:15
Sample Container: Tedlar Bag 1L

Method: EPA-21 TO-14A - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		640	480	ug/m3		03/18/25 12:43	04/01/25 19:08	731.97
1,1-Dichloroethane	ND		470	64	ug/m3		03/18/25 12:43	04/01/25 19:08	731.97
1,1-Dichloroethene	ND		460	74	ug/m3		03/18/25 12:43	04/01/25 19:08	731.97
1,2-Dichloroethane	ND		470	90	ug/m3		03/18/25 12:43	04/01/25 19:08	731.97
Benzene	ND		370	62	ug/m3		03/18/25 12:43	04/01/25 19:08	731.97
Carbon tetrachloride	ND		740	120	ug/m3		03/18/25 12:43	04/01/25 19:08	731.97
Chloroform	ND		570	100	ug/m3		03/18/25 12:43	04/01/25 19:08	731.97
cis-1,2-Dichloroethene	**3100**		460	58	ug/m3		03/18/25 12:43	04/01/25 19:08	731.97
Methylene Chloride	ND		2000	1700	ug/m3		03/18/25 12:43	04/01/25 19:08	731.97
Tetrachloroethene	ND		790	120	ug/m3		03/18/25 12:43	04/01/25 19:08	731.97
trans-1,2-Dichloroethene	ND		460	77	ug/m3		03/18/25 12:43	04/01/25 19:08	731.97
Trichloroethene	**33000**		630	100	ug/m3		03/18/25 12:43	04/01/25 19:08	731.97
Vinyl chloride	ND		600	97	ug/m3		03/18/25 12:43	04/01/25 19:08	731.97
1,2-Dichloroethene, Total	**3100**		930	58	ug/m3		03/18/25 12:43	04/01/25 19:08	731.97

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*60 - 140*	*03/18/25 12:43*	*04/01/25 19:08*	*731.97*

Surrogate Summary

Client: GHD Services Inc.
Project/Site: 12616852, GM-Lockport Air 256042

Job ID: 480-227934-1

Method: TO-14A - Volatile Organic Compounds in Ambient Air

Matrix: Air

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)								
		BFB								
Lab Sample ID	Client Sample ID	(60-140)								
480-227934-1	7W-1-031725	93								
480-227934-2	7W-3-031725	93								
480-227934-3	8-3-031725	96								
LCS 140-97744/1002	Lab Control Sample	103								
MB 140-97744/4	Method Blank	96								

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

Method: TO-14A - Volatile Organic Compounds in Ambient Air

Lab Sample ID: MB 140-97744/4
Matrix: Air
Analysis Batch: 97744

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-Trichloroethane	ND		1.1	0.82	ug/m3			04/01/25 13:45	1
1,1-Dichloroethane	ND		0.81	0.11	ug/m3			04/01/25 13:45	1
1,1-Dichloroethene	ND		0.79	0.13	ug/m3			04/01/25 13:45	1
1,2-Dichloroethane	ND		0.81	0.15	ug/m3			04/01/25 13:45	1
Benzene	ND		0.64	0.11	ug/m3			04/01/25 13:45	1
Carbon tetrachloride	ND		1.3	0.20	ug/m3			04/01/25 13:45	1
Chloroform	ND		0.98	0.18	ug/m3			04/01/25 13:45	1
cis-1,2-Dichloroethene	ND		0.79	0.099	ug/m3			04/01/25 13:45	1
Methylene Chloride	ND		3.5	3.0	ug/m3			04/01/25 13:45	1
Tetrachloroethene	ND		1.4	0.20	ug/m3			04/01/25 13:45	1
trans-1,2-Dichloroethene	ND		0.79	0.13	ug/m3			04/01/25 13:45	1
Trichloroethene	ND		1.1	0.18	ug/m3			04/01/25 13:45	1
Vinyl chloride	ND		1.0	0.17	ug/m3			04/01/25 13:45	1
1,2-Dichloroethene, Total	ND		1.6	0.099	ug/m3			04/01/25 13:45	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*60 - 140*		*04/01/25 13:45*	*1*

Lab Sample ID: LCS 140-97744/1002
Matrix: Air
Analysis Batch: 97744

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-Trichloroethane	10.9	8.50		ug/m3		78	70 - 130
1,1-Dichloroethane	8.09	6.76		ug/m3		84	70 - 130
1,1-Dichloroethene	7.93	7.16		ug/m3		90	70 - 130
1,2-Dichloroethane	8.09	6.00		ug/m3		74	70 - 130
Benzene	6.39	6.08		ug/m3		95	70 - 130
Carbon tetrachloride	12.6	11.3		ug/m3		90	70 - 130
Chloroform	9.77	7.96		ug/m3		81	70 - 130
cis-1,2-Dichloroethene	7.93	7.32		ug/m3		92	70 - 130
Methylene Chloride	6.95	6.42		ug/m3		92	70 - 130
Tetrachloroethene	13.6	11.7		ug/m3		86	70 - 130
trans-1,2-Dichloroethene	7.93	7.37		ug/m3		93	70 - 130
Trichloroethene	10.7	9.62		ug/m3		89	70 - 130
Vinyl chloride	5.11	3.85		ug/m3		75	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*60 - 140*

QC Association Summary

Client: GHD Services Inc.
Job ID: 480-227934-1
Project/Site: 12616852, GM-Lockport Air 256042

Air - GC/MS VOA

Prep Batch: 97382

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-227934-1	7W-1-031725	Total/NA	Air	Air Transfer	
480-227934-2	7W-3-031725	Total/NA	Air	Air Transfer	
480-227934-3	8-3-031725	Total/NA	Air	Air Transfer	

Analysis Batch: 97744

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-227934-1	7W-1-031725	Total/NA	Air	TO-14A	97382
480-227934-2	7W-3-031725	Total/NA	Air	TO-14A	97382
480-227934-3	8-3-031725	Total/NA	Air	TO-14A	97382
MB 140-97744/4	Method Blank	Total/NA	Air	TO-14A	
LCS 140-97744/1002	Lab Control Sample	Total/NA	Air	TO-14A	

Lab Chronicle

Client: GHD Services Inc.
Job ID: 480-227934-1
Project/Site: 12616852, GM-Lockport Air 256042

Client Sample ID: 7W-1-031725
Lab Sample ID: 480-227934-1
Date Collected: 03/17/25 12:55
Matrix: Air
Date Received: 03/18/25 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	Air Transfer			97382	AMN	EET KNX	03/18/25 12:43
Total/NA	Analysis	TO-14A		31.22	97744	S1K	EET KNX	04/02/25 09:11

Client Sample ID: 7W-3-031725
Lab Sample ID: 480-227934-2
Date Collected: 03/17/25 13:00
Matrix: Air
Date Received: 03/18/25 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	Air Transfer			97382	AMN	EET KNX	03/18/25 12:43
Total/NA	Analysis	TO-14A		42.45	97744	S1K	EET KNX	04/01/25 18:20

Client Sample ID: 8-3-031725
Lab Sample ID: 480-227934-3
Date Collected: 03/17/25 10:35
Matrix: Air
Date Received: 03/18/25 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	Air Transfer			97382	AMN	EET KNX	03/18/25 12:43
Total/NA	Analysis	TO-14A		731.97	97744	S1K	EET KNX	04/01/25 19:08

Laboratory References:

EET KNX = Eurofins Knoxville, 5815 Middlebrook Pike, Knoxville, TN 37921, TEL (865)291-3000

Accreditation/Certification Summary

Client: GHD Services Inc.
Job ID: 480-227934-1
Project/Site: 12616852, GM-Lockport Air 256042

Laboratory: Eurofins Knoxville

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10781	04-01-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
TO-14A	Air Transfer	Air	1,2-Dichloroethene, Total
TO-14A	Air Transfer	Air	trans-1,2-Dichloroethene

Method Summary

Client: GHD Services Inc.
Job ID: 480-227934-1
Project/Site: 12616852, GM-Lockport Air 256042

Method	Method Description	Protocol	Laboratory
TO-14A	Volatile Organic Compounds in Ambient Air	EPA-21	EET KNX
Air Transfer	Transfer Air Matrix to Summa Canister	None	EET KNX

Protocol References:

EPA-21 = "Compendium Of Methods For The Determination Of Toxic Organic Compounds In Ambient Air", Second Edition, EPA/625/R-96/010B, January 1999
None = None

Laboratory References:

EET KNX = Eurofins Knoxville, 5815 Middlebrook Pike, Knoxville, TN 37921, TEL (865)291-3000

Sample Summary

Client: GHD Services Inc.
Job ID: 480-227934-1
Project/Site: 12616852, GM-Lockport Air 256042

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-227934-1	7W-1-031725	Air	03/17/25 12:55	03/18/25 10:15
480-227934-2	7W-3-031725	Air	03/17/25 13:00	03/18/25 10:15
480-227934-3	8-3-031725	Air	03/17/25 10:35	03/18/25 10:15

Eurofins Knoxville
5815 Middlebrook Pike
Knoxville, TN 37921
Phone: 865-291-3000 Fax: 865-584-4315

Chain of Custody Record

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Client Information	Sampler: Morgan Brown	Lab PM: Heckler, Denise D	Carrier Tracking No(s):	COC No: 480-203100-31731.1
Client Contact: Mr. Thomas Bohlen	Phone: 716 803 5717	E-Mail: Denise.Heckler@et.eurofinsus.com	State of Origin:	Page: Page 1 of 1
Company: GZA GeoEnvironmental, Inc.	PWSID:			Job #: 21.0058546.20 T8
Address: 300 Pearl St. Suite 700	Due Date Requested:			
City: Buffalo	TAT Requested (days):			
State, Zip: NY, 14202	Compliance Project: Δ Yes Δ No			
Phone: 717-585-6408(Tel)	PO #: Purchase Order Requested			
Email: thomas.bohlen@gza.com	WO #: 12616852			
Project Name: 058507, GM-Lockport Air Samples	Project #: 48009685			
Site:	SSOW#:			

Analysis Requested

Preservation Codes: N - None

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	TO_14A - VOCs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N		
TW-1-031725	3/17/25	1255	G	Air			X		
TW-3-031725	1	1300	1	Air			X		
8-3-031725	1	1035	1	Air			X		
				Air					
No Custody Seal				Air					
Received Ambient				Air					
OH 3/18/25									
1Box FedEx 4328 9526 4667 PO									

480-227934 Chain of Custody

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

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

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

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

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Morgan Brown	3/17/24	GZA		3/18/25 10:15	ETAKNX
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

Ver: 10/10/2024

Loc: 480
227934

EUROFINS KNOXVILLE SAMPLE RECEIPT/CONDITION UPON RECEIPT ANOMALY CHECKLIST Log In Number:

Review Items	Yes	No	NA	If No, what was the problem?
1. Are the shipping containers intact?	✓			☐ Containers, Broken
2. Were ambient air containers received intact?	✓			☐ Checked in lab
3. The coolers/containers custody seal if present, is it intact?			✓	☐ Yes ☐ NA
4. Is the cooler temperature within limits? (> freezing temp. of water to 6 °C, VOST: 10°C) Thermometer ID :_____ Correction factor: _____			✓	☐ Cooler Out of Temp, Client Contacted, Proceed/Cancel ☐ Cooler Out of Temp, Same Day Receipt
5. Were all of the sample containers received intact?	✓			☐ Containers, Broken
6. Were samples received in appropriate containers?	✓			☐ Containers, Improper; Client Contacted; Proceed/Cancel
7. Do sample container labels match COC? (IDs, Dates, Times)	✓			☐ COC & Samples Do Not Match ☐ COC Incorrect/Incomplete ☐ COC Not Received
8. Were all of the samples listed on the COC received?	✓			☐ Sample Received, Not on COC ☐ Sample on COC, Not Received
9. Is the date/time of sample collection noted?	✓			☐ COC; No Date/Time; Client Contacted
10. Was the sampler identified on the COC?	✓			☐ Sampler Not Listed on COC
11. Is the client and project name/# identified?	✓			☐ COC Incorrect/Incomplete
12. Are tests/parameters listed for each sample?	✓			☐ COC No tests on COC
13. Is the matrix of the samples noted?	✓			☐ COC Incorrect/Incomplete
14. Was COC relinquished? (Signed/Dated/Timed)	✓			☐ COC Incorrect/Incomplete
15. Were samples received within holding time?	✓			☐ Holding Time - Receipt
16. Were samples received with correct chemical preservative (excluding Encore)?			✓	☐ pH Adjusted, pH Included (See box 16A) ☐ Incorrect Preservative
17. Were VOA samples received without headspace?			✓	☐ Headspace (VOA only)
18. Did you check for residual chlorine, if necessary? (e.g. 1613B, 1668) Chlorine test strip lot number:			✓	☐ Residual Chlorine
19. For 1613B water samples is pH<9?			✓	☐ If no, notify lab to adjust
20. For rad samples was sample activity info. Provided?			✓	☐ Project missing info

Comments/Actions Taken

Labeling Verified by: **Date:**

pH test strip lot number:

	Box 16A: pH Preservation	Box 18A: Residual Chlorine
Preservative:		
Lot Number:		
Exp Date:		
Analyst:		
Date:		
Time:		

Project #: 48009685 PM Instructions:

Sample Receiving Associate: Dan Hunt Date: 3/18/25

QA026R33.doc, 11/10/23

4/14/2025

Login Sample Receipt Checklist

Client: GHD Services Inc.

Job Number: 480-227934-1

Login Number: 227934
List Number: 2
Creator: Hickson, Deanna A

List Source: Eurofins Buffalo

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

Summa Canister Dilution Worksheet

Client: GHD Services Inc.
Project/Site: 12616852, GM-Lockport Air 256042

Job No.: 480-227934-1

Lab Sample ID	Canister Volume (L)	Preadjusted Pressure ("Hg)	Preadjusted Pressure (atm)	Preadjusted Volume (L)	Adjusted Pressure (psig)	Adjusted Pressure (atm)	Adjusted Volume (L)	Initial Volume (mL)	Dilution Factor	Final Dilution Factor	Pressure Gauge ID	Date	Analyst Initals
480-227934-1	6	0	1.00	6.00	0.6	1.04	6.24	200	31.22	31.22	g5 8251	03/18/25 12:58	AMN
480-227934-2	6	0	1.00	6.00	0.9	1.06	6.37	150	42.45	42.45	g5 10823	03/18/25 13:19	AMN
480-227934-3	6	0	1.00	6.00	12.2	1.83	10.98	15	731.97	731.97	g5 34001672	03/18/25 14:18	AMN

Formulae:

Preadjusted Volume (L) = ((Preadjusted Pressure ("Hg) + 29.92 "Hg) * Vol L) / 29.92 "Hg
Adjusted Volume (L) = ((Adjusted Pressure (psig) + 14.7 psig)* Vol L) / 14.7 psig
Dilution Factor = Adjusted Volume (L) / Preadjusted Volume (L)

Where:

29.92 "Hg = Standard atmospheric pressure in inches of Mercury (“Hg)
14.7 psig = Standard atmospheric pressure in pounds per square inch gauge (psig)

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ANALYTICAL REPORT

PREPARED FOR

Attn: Casey Essary
General Motors LLC
200 Upper Mountain Road
Lockport, New York 14094

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JOB DESCRIPTION

Line Breaks

JOB NUMBER

240-233602-1

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton OH 44203

See page two for job notes and contact information.

Job Notes

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

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

Authorization



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Authorized for release by
Denise Heckler, Project Manager II
Denise.Heckler@et.eurofinsus.com
(330)966-9477

Table of Contents

Cover Page 1
Table of Contents 3
Definitions/Glossary 4
Case Narrative 5
Method Summary 6
Sample Summary 7
Detection Summary 8
Client Sample Results 9
Surrogate Summary 12
QC Sample Results 14
QC Association Summary 20
Lab Chronicle 23
Certification Summary 24
Chain of Custody 25

Definitions/Glossary

Client: General Motors LLC
Project/Site: Line Breaks

Job ID: 240-233602-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.

General Chemistry

Qualifier	Qualifier Description
HF	Parameter with a holding time of 15 minutes. Test performed by laboratory at client's request. Sample was analyzed outside of hold time.

Glossary

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

Job Narrative
240-233602-1

Receipt
The sample was received on 9/23/2025 10:30 AM. Unless otherwise noted below, the sample arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.2º C.

GC/MS VOA
Method 8260D: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for preparation batch 240-673160 and analytical batch 240-673309 recovered outside control limits for the following analytes: Chloroform. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8260D: The continuing calibration verification (CCV) associated with batch 240-673309 recovered above the upper control limit for Vinyl chloride. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:2024 Line Breaks.

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

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

GC Semi VOA
Method 8082A: The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: 2024 Line Breaks, 240-233602-B-1-I MS and 240-233602-B-1-J MSD.

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.

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

Method Summary

Client: General Motors LLC
Project/Site: Line Breaks

Job ID: 240-233602-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET CLE
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET CLE
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET CLE
6010D	Metals (ICP)	SW846	EET CLE
7470A	Mercury (CVAA)	SW846	EET CLE
7471B	Mercury (CVAA)	SW846	EET CLE
9045D	pH	SW846	EET CLE
Moisture	Percent Moisture	EPA	EET CLE
1311	TCLP Extraction	SW846	EET CLE
3010A	Preparation, Total Metals	SW846	EET CLE
3050B	Preparation, Metals	SW846	EET CLE
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET CLE
3546	Microwave Extraction	SW846	EET CLE
5030C	Purge and Trap	SW846	EET CLE
7470A	Preparation, Mercury	SW846	EET CLE
7471B	Preparation, Mercury	SW846	EET CLE

Protocol References:

EPA = US Environmental Protection Agency

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

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

Sample Summary

Client: General Motors LLC
Project/Site: Line Breaks

Job ID: 240-233602-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
240-233602-1	2024 Line Breaks	Solid	09/22/25 11:44	09/23/25 10:30	New York

Detection Summary

Client: General Motors LLC
Project/Site: Line Breaks

Job ID: 240-233602-1

Client Sample ID: 2024 Line Breaks

Lab Sample ID: 240-233602-1

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
3 & 4 Methylphenol	0.0052		0.0039		mg/L	1		8270E	TCLP
Aluminum	4600		20		mg/Kg	1	☼	6010D	Total/NA
Barium	46		20		mg/Kg	1	☼	6010D	Total/NA
Calcium	79000		510		mg/Kg	1	☼	6010D	Total/NA
Cobalt	4.5		1.0		mg/Kg	1	☼	6010D	Total/NA
Chromium	8.1		1.0		mg/Kg	1	☼	6010D	Total/NA
Copper	14		2.5		mg/Kg	1	☼	6010D	Total/NA
Iron	11000		20		mg/Kg	1	☼	6010D	Total/NA
Potassium	820		510		mg/Kg	1	☼	6010D	Total/NA
Magnesium	27000		510		mg/Kg	1	☼	6010D	Total/NA
Manganese	530		1.5		mg/Kg	1	☼	6010D	Total/NA
Sodium	1100		510		mg/Kg	1	☼	6010D	Total/NA
Nickel	12		4.1		mg/Kg	1	☼	6010D	Total/NA
Vanadium	11		5.1		mg/Kg	1	☼	6010D	Total/NA
Zinc	220		5.1		mg/Kg	1	☼	6010D	Total/NA
Arsenic	2.7		1.5		mg/Kg	1	☼	6010D	Total/NA
Lead	14		1.0		mg/Kg	1	☼	6010D	Total/NA
Selenium	2.1		2.0		mg/Kg	1	☼	6010D	Total/NA
Barium	0.61		0.50		mg/L	1		6010D	TCLP
pH	9.3	HF	0.1		SU	1		9045D	Total/NA

This Detection Summary does not include radiochemical test results.

Client: General Motors LLC
Project/Site: Line Breaks

Job ID: 240-233602-1

Client Sample ID: 2024 Line Breaks

Date Collected: 09/22/25 11:44
Date Received: 09/23/25 10:30

Lab Sample ID: 240-233602-1

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		0.025		mg/L			09/26/25 03:16	1
1,2-Dichloroethane	ND		0.025		mg/L			09/26/25 03:16	1
2-Butanone (MEK)	ND		0.25		mg/L			09/26/25 03:16	1
Benzene	ND		0.025		mg/L			09/26/25 03:16	1
Carbon tetrachloride	ND		0.025		mg/L			09/26/25 03:16	1
Chlorobenzene	ND		0.025		mg/L			09/26/25 03:16	1
Tetrachloroethene	ND		0.025		mg/L			09/26/25 03:16	1
Trichloroethene	ND		0.025		mg/L			09/26/25 03:16	1
Vinyl chloride	ND		0.025		mg/L			09/26/25 03:16	1
Chloroform	ND	*+	0.025		mg/L			09/26/25 03:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*105*		*80 - 120*		*09/26/25 03:16*	*1*
Dibromofluoromethane (Surr)	*99*		*79 - 121*		*09/26/25 03:16*	*1*
4-Bromofluorobenzene (Surr)	*100*		*74 - 120*		*09/26/25 03:16*	*1*
1,2-Dichloroethane-d4 (Surr)	*108*		*74 - 131*		*09/26/25 03:16*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.0039		mg/L		09/25/25 14:04	09/29/25 11:58	1
2,4,5-Trichlorophenol	ND		0.0039		mg/L		09/25/25 14:04	09/29/25 11:58	1
2,4,6-Trichlorophenol	ND		0.0039		mg/L		09/25/25 14:04	09/29/25 11:58	1
2,4-Dinitrotoluene	ND		0.0039		mg/L		09/25/25 14:04	09/29/25 11:58	1
Hexachlorobenzene	ND		0.00078		mg/L		09/25/25 14:04	09/29/25 11:58	1
Hexachlorobutadiene	ND		0.0039		mg/L		09/25/25 14:04	09/29/25 11:58	1
Hexachloroethane	ND		0.0039		mg/L		09/25/25 14:04	09/29/25 11:58	1
2-Methylphenol	ND		0.0039		mg/L		09/25/25 14:04	09/29/25 11:58	1
3 & 4 Methylphenol	**0.0052**		0.0039		mg/L		09/25/25 14:04	09/29/25 11:58	1
Nitrobenzene	ND		0.0039		mg/L		09/25/25 14:04	09/29/25 11:58	1
Pentachlorophenol	ND		0.016		mg/L		09/25/25 14:04	09/29/25 11:58	1
Pyridine	ND		0.0039		mg/L		09/25/25 14:04	09/29/25 11:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*89*		*43 - 136*	*09/25/25 14:04*	*09/29/25 11:58*	*1*
Phenol-d5 (Surr)	*56*		*10 - 120*	*09/25/25 14:04*	*09/29/25 11:58*	*1*
Nitrobenzene-d5 (Surr)	*74*		*40 - 120*	*09/25/25 14:04*	*09/29/25 11:58*	*1*
2-Fluorophenol (Surr)	*63*		*10 - 127*	*09/25/25 14:04*	*09/29/25 11:58*	*1*
2-Fluorobiphenyl (Surr)	*85*		*41 - 120*	*09/25/25 14:04*	*09/29/25 11:58*	*1*
2,4,6-Tribromophenol (Surr)	*81*		*23 - 127*	*09/25/25 14:04*	*09/29/25 11:58*	*1*

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Barium	**0.61**		0.50		mg/L		09/25/25 14:00	09/26/25 15:15	1
Cadmium	ND		0.050		mg/L		09/25/25 14:00	09/26/25 15:15	1
Chromium	ND		0.050		mg/L		09/25/25 14:00	09/26/25 15:15	1
Silver	ND		0.050		mg/L		09/25/25 14:00	09/26/25 15:15	1
Arsenic	ND		0.050		mg/L		09/25/25 14:00	09/26/25 15:15	1
Lead	ND		0.050		mg/L		09/25/25 14:00	09/26/25 15:15	1
Selenium	ND		0.050		mg/L		09/25/25 14:00	09/26/25 15:15	1

Client Sample Results

Client: General Motors LLC
Project/Site: Line Breaks

Job ID: 240-233602-1

Client Sample ID: 2024 Line Breaks

Date Collected: 09/22/25 11:44
Date Received: 09/23/25 10:30

Lab Sample ID: 240-233602-1

Matrix: Solid

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0020		mg/L		09/25/25 14:00	09/26/25 15:14	1

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	9.3	HF	0.1		SU			09/27/25 11:20	1
Percent Solids (EPA Moisture)	97.2		0.1		%			09/24/25 09:49	1
Percent Moisture (EPA Moisture)	2.8		0.1		%			09/24/25 09:49	1

Client: General Motors LLC
Project/Site: Line Breaks

Job ID: 240-233602-1

Client Sample ID: 2024 Line Breaks

Date Collected: 09/22/25 11:44
Date Received: 09/23/25 10:30

Lab Sample ID: 240-233602-1

Matrix: Solid
Percent Solids: 97.2

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		52		ug/Kg	☼	09/26/25 08:45	09/26/25 14:10	1
Aroclor-1221	ND		52		ug/Kg	☼	09/26/25 08:45	09/26/25 14:10	1
Aroclor-1232	ND		52		ug/Kg	☼	09/26/25 08:45	09/26/25 14:10	1
Aroclor-1242	ND		52		ug/Kg	☼	09/26/25 08:45	09/26/25 14:10	1
Aroclor-1248	ND		52		ug/Kg	☼	09/26/25 08:45	09/26/25 14:10	1
Aroclor-1254	ND		52		ug/Kg	☼	09/26/25 08:45	09/26/25 14:10	1
Aroclor-1260	ND		52		ug/Kg	☼	09/26/25 08:45	09/26/25 14:10	1
Aroclor-1262	ND		52		ug/Kg	☼	09/26/25 08:45	09/26/25 14:10	1
Aroclor-1268	ND		52		ug/Kg	☼	09/26/25 08:45	09/26/25 14:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*45*		*17 - 121*	*09/26/25 08:45*	*09/26/25 14:10*	*1*
DCB Decachlorobiphenyl	*60*		*10 - 137*	*09/26/25 08:45*	*09/26/25 14:10*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**4600**		20		mg/Kg	☼	09/24/25 15:00	09/25/25 18:27	1
Silver	ND		1.0		mg/Kg	☼	09/24/25 15:00	09/25/25 18:27	1
Barium	**46**		20		mg/Kg	☼	09/24/25 15:00	09/25/25 18:27	1
Beryllium	ND		0.51		mg/Kg	☼	09/24/25 15:00	09/25/25 18:27	1
Calcium	**79000**		510		mg/Kg	☼	09/24/25 15:00	09/25/25 18:27	1
Cadmium	ND		0.51		mg/Kg	☼	09/24/25 15:00	09/25/25 18:27	1
Cobalt	**4.5**		1.0		mg/Kg	☼	09/24/25 15:00	09/25/25 18:27	1
Chromium	**8.1**		1.0		mg/Kg	☼	09/24/25 15:00	09/25/25 18:27	1
Copper	**14**		2.5		mg/Kg	☼	09/24/25 15:00	09/25/25 18:27	1
Iron	**11000**		20		mg/Kg	☼	09/24/25 15:00	09/25/25 18:27	1
Potassium	**820**		510		mg/Kg	☼	09/24/25 15:00	09/25/25 18:27	1
Magnesium	**27000**		510		mg/Kg	☼	09/24/25 15:00	09/25/25 18:27	1
Manganese	**530**		1.5		mg/Kg	☼	09/24/25 15:00	09/25/25 18:27	1
Sodium	**1100**		510		mg/Kg	☼	09/24/25 15:00	09/25/25 18:27	1
Nickel	**12**		4.1		mg/Kg	☼	09/24/25 15:00	09/25/25 18:27	1
Antimony	ND		2.0		mg/Kg	☼	09/24/25 15:00	09/25/25 18:27	1
Vanadium	**11**		5.1		mg/Kg	☼	09/24/25 15:00	09/25/25 18:27	1
Zinc	**220**		5.1		mg/Kg	☼	09/24/25 15:00	09/25/25 18:27	1
Arsenic	**2.7**		1.5		mg/Kg	☼	09/24/25 15:00	09/25/25 18:27	1
Lead	**14**		1.0		mg/Kg	☼	09/24/25 15:00	09/25/25 18:27	1
Selenium	**2.1**		2.0		mg/Kg	☼	09/24/25 15:00	09/25/25 18:27	1
Thallium	ND		2.0		mg/Kg	☼	09/24/25 15:00	09/25/25 18:27	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.091		mg/Kg	☼	09/24/25 15:00	09/25/25 10:27	1

Surrogate Summary

Client: General Motors LLC
Project/Site: Line Breaks

Job ID: 240-233602-1

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

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		TOL	DBFM	BFB	DCA
Lab Sample ID	Client Sample ID	(80-120)	(79-121)	(74-120)	(74-131)
LCS 240-673309/8	Lab Control Sample	106	104	102	110

Surrogate Legend

TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)

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

Matrix: Solid — **Prep Type: TCLP**

		Percent Surrogate Recovery (Acceptance Limits)			
		TOL	DBFM	BFB	DCA
Lab Sample ID	Client Sample ID	(80-120)	(79-121)	(74-120)	(74-131)
240-233602-1	2024 Line Breaks	105	99	100	108
LB 240-673160/1-A MB	Method Blank	105	99	100	107

Surrogate Legend

TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)

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

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TPHL	PHL	NBZ	2FP	FBP	TBP
Lab Sample ID	Client Sample ID	(43-136)	(10-120)	(40-120)	(10-127)	(41-120)	(23-127)
LCS 240-673312/2-A	Lab Control Sample	93	66	81	66	87	96
MB 240-673312/1-A	Method Blank	87	57	75	64	83	82

Surrogate Legend

TPHL = Terphenyl-d14 (Surr)
PHL = Phenol-d5 (Surr)
NBZ = Nitrobenzene-d5 (Surr)
2FP = 2-Fluorophenol (Surr)
FBP = 2-Fluorobiphenyl (Surr)
TBP = 2,4,6-Tribromophenol (Surr)

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

Matrix: Solid — **Prep Type: TCLP**

		Percent Surrogate Recovery (Acceptance Limits)					
		TPHL	PHL	NBZ	2FP	FBP	TBP
Lab Sample ID	Client Sample ID	(43-136)	(10-120)	(40-120)	(10-127)	(41-120)	(23-127)
240-233602-1	2024 Line Breaks	89	56	74	63	85	81

Surrogate Legend

TPHL = Terphenyl-d14 (Surr)
PHL = Phenol-d5 (Surr)
NBZ = Nitrobenzene-d5 (Surr)
2FP = 2-Fluorophenol (Surr)

Surrogate Summary

Client: General Motors LLC
Project/Site: Line Breaks

Job ID: 240-233602-1

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

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

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

		Percent Surrogate Recovery (Acceptance Limits)	
		TCX1	DCBP1
Lab Sample ID	Client Sample ID	(17-121)	(10-137)
240-233602-1	2024 Line Breaks	45	60
240-233602-1 MS	2024 Line Breaks	60	79
240-233602-1 MSD	2024 Line Breaks	47	64
LCS 240-673406/2-A	Lab Control Sample	90	114
MB 240-673406/1-A	Method Blank	77	104

Surrogate Legend

TCX = Tetrachloro-m-xylene
DCBP = DCB Decachlorobiphenyl

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

Lab Sample ID: LCS 240-673309/8
Matrix: Solid
Analysis Batch: 673309

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	1.25	1.45		mg/L		116	62 - 134
1,2-Dichloroethane	1.25	1.50		mg/L		120	64 - 125
2-Butanone (MEK)	2.50	3.08		mg/L		123	58 - 137
Benzene	1.25	1.45		mg/L		116	72 - 123
Carbon tetrachloride	1.25	1.46		mg/L		117	60 - 131
Chlorobenzene	1.25	1.36		mg/L		109	76 - 120
Tetrachloroethene	1.25	1.26		mg/L		101	73 - 124
Trichloroethene	1.25	1.30		mg/L		104	67 - 121
Vinyl chloride	1.25	1.56		mg/L		125	46 - 140
Chloroform	1.25	1.53	*+	mg/L		122	72 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*106*		*80 - 120*
Dibromofluoromethane (Surr)	*104*		*79 - 121*
4-Bromofluorobenzene (Surr)	*102*		*74 - 120*
1,2-Dichloroethane-d4 (Surr)	*110*		*74 - 131*

Lab Sample ID: LB 240-673160/1-A MB
Matrix: Solid
Analysis Batch: 673309

Client Sample ID: Method Blank
Prep Type: TCLP

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		0.025	mg/L			09/26/25 00:56	1
1,2-Dichloroethane	ND		0.025	mg/L			09/26/25 00:56	1
2-Butanone (MEK)	ND		0.25	mg/L			09/26/25 00:56	1
Benzene	ND		0.025	mg/L			09/26/25 00:56	1
Carbon tetrachloride	ND		0.025	mg/L			09/26/25 00:56	1
Chlorobenzene	ND		0.025	mg/L			09/26/25 00:56	1
Tetrachloroethene	ND		0.025	mg/L			09/26/25 00:56	1
Trichloroethene	ND		0.025	mg/L			09/26/25 00:56	1
Vinyl chloride	ND		0.025	mg/L			09/26/25 00:56	1
Chloroform	ND		0.025	mg/L			09/26/25 00:56	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*105*		*80 - 120*		*09/26/25 00:56*	*1*
Dibromofluoromethane (Surr)	*99*		*79 - 121*		*09/26/25 00:56*	*1*
4-Bromofluorobenzene (Surr)	*100*		*74 - 120*		*09/26/25 00:56*	*1*
1,2-Dichloroethane-d4 (Surr)	*107*		*74 - 131*		*09/26/25 00:56*	*1*

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

Lab Sample ID: MB 240-673312/1-A
Matrix: Solid
Analysis Batch: 673599

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 673312

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.0040	mg/L		09/25/25 14:04	09/29/25 09:12	1
2,4,5-Trichlorophenol	ND		0.0040	mg/L		09/25/25 14:04	09/29/25 09:12	1

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

Lab Sample ID: MB 240-673312/1-A
Matrix: Solid
Analysis Batch: 673599

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 673312

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
2,4,6-Trichlorophenol	ND		0.0040		mg/L		09/25/25 14:04	09/29/25 09:12	1
2,4-Dinitrotoluene	ND		0.0040		mg/L		09/25/25 14:04	09/29/25 09:12	1
Hexachlorobenzene	ND		0.00080		mg/L		09/25/25 14:04	09/29/25 09:12	1
Hexachlorobutadiene	ND		0.0040		mg/L		09/25/25 14:04	09/29/25 09:12	1
Hexachloroethane	ND		0.0040		mg/L		09/25/25 14:04	09/29/25 09:12	1
2-Methylphenol	ND		0.0040		mg/L		09/25/25 14:04	09/29/25 09:12	1
3 & 4 Methylphenol	ND		0.0040		mg/L		09/25/25 14:04	09/29/25 09:12	1
Nitrobenzene	ND		0.0040		mg/L		09/25/25 14:04	09/29/25 09:12	1
Pentachlorophenol	ND		0.016		mg/L		09/25/25 14:04	09/29/25 09:12	1
Pyridine	ND		0.0040		mg/L		09/25/25 14:04	09/29/25 09:12	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*87*		*43 - 136*	*09/25/25 14:04*	*09/29/25 09:12*	*1*
Phenol-d5 (Surr)	*57*		*10 - 120*	*09/25/25 14:04*	*09/29/25 09:12*	*1*
Nitrobenzene-d5 (Surr)	*75*		*40 - 120*	*09/25/25 14:04*	*09/29/25 09:12*	*1*
2-Fluorophenol (Surr)	*64*		*10 - 127*	*09/25/25 14:04*	*09/29/25 09:12*	*1*
2-Fluorobiphenyl (Surr)	*83*		*41 - 120*	*09/25/25 14:04*	*09/29/25 09:12*	*1*
2,4,6-Tribromophenol (Surr)	*82*		*23 - 127*	*09/25/25 14:04*	*09/29/25 09:12*	*1*

Lab Sample ID: LCS 240-673312/2-A
Matrix: Solid
Analysis Batch: 673599

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 673312

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,4-Dichlorobenzene			0.0800	0.0642		mg/L		80	42 - 120		
2,4,5-Trichlorophenol			0.0800	0.0757		mg/L		95	51 - 129		
2,4,6-Trichlorophenol			0.0800	0.0757		mg/L		95	51 - 128		
2,4-Dinitrotoluene			0.0800	0.0785		mg/L		98	55 - 131		
Hexachlorobenzene			0.0800	0.0823		mg/L		103	49 - 127		
Hexachlorobutadiene			0.0800	0.0679		mg/L		85	36 - 120		
Hexachloroethane			0.0800	0.0636		mg/L		79	39 - 120		
2-Methylphenol			0.0800	0.0676		mg/L		85	47 - 120		
3 & 4 Methylphenol			0.0800	0.0713		mg/L		89	41 - 120		
Nitrobenzene			0.0800	0.0675		mg/L		84	50 - 123		
Pentachlorophenol			0.160	0.153		mg/L		96	24 - 124		
Pyridine			0.160	0.0989		mg/L		62	10 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Terphenyl-d14 (Surr)	*93*		*43 - 136*
Phenol-d5 (Surr)	*66*		*10 - 120*
Nitrobenzene-d5 (Surr)	*81*		*40 - 120*
2-Fluorophenol (Surr)	*66*		*10 - 127*
2-Fluorobiphenyl (Surr)	*87*		*41 - 120*
2,4,6-Tribromophenol (Surr)	*96*		*23 - 127*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 240-673406/1-A
Matrix: Solid
Analysis Batch: 673360

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 673406

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		50		ug/Kg		09/26/25 08:45	09/26/25 12:19	1
Aroclor-1221	ND		50		ug/Kg		09/26/25 08:45	09/26/25 12:19	1
Aroclor-1232	ND		50		ug/Kg		09/26/25 08:45	09/26/25 12:19	1
Aroclor-1242	ND		50		ug/Kg		09/26/25 08:45	09/26/25 12:19	1
Aroclor-1248	ND		50		ug/Kg		09/26/25 08:45	09/26/25 12:19	1
Aroclor-1254	ND		50		ug/Kg		09/26/25 08:45	09/26/25 12:19	1
Aroclor-1260	ND		50		ug/Kg		09/26/25 08:45	09/26/25 12:19	1
Aroclor-1262	ND		50		ug/Kg		09/26/25 08:45	09/26/25 12:19	1
Aroclor-1268	ND		50		ug/Kg		09/26/25 08:45	09/26/25 12:19	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*77*		*17 - 121*	*09/26/25 08:45*	*09/26/25 12:19*	*1*
DCB Decachlorobiphenyl	*104*		*10 - 137*	*09/26/25 08:45*	*09/26/25 12:19*	*1*

Lab Sample ID: LCS 240-673406/2-A
Matrix: Solid
Analysis Batch: 673360

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 673406

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Aroclor-1016			1000	867		ug/Kg		87	22 - 120		
Aroclor-1260			1000	987		ug/Kg		99	29 - 124		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*90*		*17 - 121*
DCB Decachlorobiphenyl	*114*		*10 - 137*

Lab Sample ID: 240-233602-1 MS
Matrix: Solid
Analysis Batch: 673360

Client Sample ID: 2024 Line Breaks
Prep Type: Total/NA
Prep Batch: 673406

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Aroclor-1016	ND		1040	629		ug/Kg	☼	61	10 - 124		
Aroclor-1260	ND		1040	765		ug/Kg	☼	74	10 - 126		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Tetrachloro-m-xylene	*60*		*17 - 121*
DCB Decachlorobiphenyl	*79*		*10 - 137*

Lab Sample ID: 240-233602-1 MSD
Matrix: Solid
Analysis Batch: 673360

Client Sample ID: 2024 Line Breaks
Prep Type: Total/NA
Prep Batch: 673406

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor-1016	ND		1040	494		ug/Kg	☼	48	10 - 124	24	40
Aroclor-1260	ND		1040	586		ug/Kg	☼	56	10 - 126	27	40

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: 240-233602-1 MSD
Matrix: Solid
Analysis Batch: 673360

Client Sample ID: 2024 Line Breaks
Prep Type: Total/NA
Prep Batch: 673406

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*47*		*17 - 121*
DCB Decachlorobiphenyl	*64*		*10 - 137*

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 240-673103/1-A
Matrix: Solid
Analysis Batch: 673439

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 673103

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		20		mg/Kg		09/24/25 15:00	09/25/25 16:10	1
Barium	ND		20		mg/Kg		09/24/25 15:00	09/25/25 16:10	1
Beryllium	ND		0.50		mg/Kg		09/24/25 15:00	09/25/25 16:10	1
Silver	ND		1.0		mg/Kg		09/24/25 15:00	09/25/25 16:10	1
Calcium	ND		500		mg/Kg		09/24/25 15:00	09/25/25 16:10	1
Cadmium	ND		0.50		mg/Kg		09/24/25 15:00	09/25/25 16:10	1
Cobalt	ND		1.0		mg/Kg		09/24/25 15:00	09/25/25 16:10	1
Chromium	ND		1.0		mg/Kg		09/24/25 15:00	09/25/25 16:10	1
Copper	ND		2.5		mg/Kg		09/24/25 15:00	09/25/25 16:10	1
Iron	ND		20		mg/Kg		09/24/25 15:00	09/25/25 16:10	1
Potassium	ND		500		mg/Kg		09/24/25 15:00	09/25/25 16:10	1
Magnesium	ND		500		mg/Kg		09/24/25 15:00	09/25/25 16:10	1
Manganese	ND		1.5		mg/Kg		09/24/25 15:00	09/25/25 16:10	1
Sodium	ND		500		mg/Kg		09/24/25 15:00	09/25/25 16:10	1
Nickel	ND		4.0		mg/Kg		09/24/25 15:00	09/25/25 16:10	1
Antimony	ND		2.0		mg/Kg		09/24/25 15:00	09/25/25 16:10	1
Vanadium	ND		5.0		mg/Kg		09/24/25 15:00	09/25/25 16:10	1
Zinc	ND		5.0		mg/Kg		09/24/25 15:00	09/25/25 16:10	1
Arsenic	ND		1.5		mg/Kg		09/24/25 15:00	09/25/25 16:10	1
Lead	ND		1.0		mg/Kg		09/24/25 15:00	09/25/25 16:10	1
Selenium	ND		2.0		mg/Kg		09/24/25 15:00	09/25/25 16:10	1
Thallium	ND		2.0		mg/Kg		09/24/25 15:00	09/25/25 16:10	1

Lab Sample ID: LCS 240-673103/2-A
Matrix: Solid
Analysis Batch: 673439

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 673103

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Aluminum			1000	995		mg/Kg		100	80 - 120		
Barium			200	198		mg/Kg		99	80 - 120		
Beryllium			100	102		mg/Kg		102	80 - 120		
Silver			10.0	9.65		mg/Kg		97	80 - 120		
Calcium			5000	5010		mg/Kg		100	80 - 120		
Cadmium			100	97.3		mg/Kg		97	80 - 120		
Cobalt			100	98.2		mg/Kg		98	80 - 120		
Chromium			100	98.5		mg/Kg		98	80 - 120		
Copper			100	97.6		mg/Kg		98	80 - 120		
Iron			1000	1010		mg/Kg		101	80 - 120		
Potassium			5000	4930		mg/Kg		99	80 - 120		

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCS 240-673103/2-A
Matrix: Solid
Analysis Batch: 673439

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 673103

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Magnesium	5000	5010		mg/Kg		100	80 - 120
Manganese	100	98.7		mg/Kg		99	80 - 120
Sodium	5000	4970		mg/Kg		99	80 - 120
Nickel	100	99.9		mg/Kg		100	80 - 120
Antimony	100	97.7		mg/Kg		98	80 - 120
Vanadium	100	101		mg/Kg		101	80 - 120
Zinc	100	102		mg/Kg		102	80 - 120
Arsenic	200	204		mg/Kg		102	80 - 120
Lead	100	97.5		mg/Kg		97	80 - 120
Selenium	200	199		mg/Kg		99	80 - 120
Thallium	200	191		mg/Kg		96	80 - 120

Lab Sample ID: MB 240-673250/2-A
Matrix: Solid
Analysis Batch: 673520

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 673250

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	ND		0.50	mg/L		09/25/25 14:00	09/26/25 14:11	1
Silver	ND		0.050	mg/L		09/25/25 14:00	09/26/25 14:11	1
Cadmium	ND		0.050	mg/L		09/25/25 14:00	09/26/25 14:11	1
Chromium	ND		0.050	mg/L		09/25/25 14:00	09/26/25 14:11	1
Arsenic	ND		0.050	mg/L		09/25/25 14:00	09/26/25 14:11	1
Lead	ND		0.050	mg/L		09/25/25 14:00	09/26/25 14:11	1
Selenium	ND		0.050	mg/L		09/25/25 14:00	09/26/25 14:11	1

Lab Sample ID: LCS 240-673250/3-A
Matrix: Solid
Analysis Batch: 673520

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 673250

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Barium	2.00	2.08		mg/L		104	50 - 150
Silver	0.100	0.107		mg/L		107	50 - 150
Cadmium	1.00	1.06		mg/L		106	50 - 150
Chromium	1.00	1.04		mg/L		104	50 - 150
Arsenic	2.00	2.24		mg/L		112	50 - 150
Lead	1.00	0.986		mg/L		99	50 - 150
Selenium	2.00	2.25		mg/L		112	50 - 150

Lab Sample ID: LB 240-673153/1-B
Matrix: Solid
Analysis Batch: 673520

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 673250

Analyte	LB Result	LB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	ND		0.50	mg/L		09/25/25 14:00	09/26/25 13:51	1
Silver	ND		0.050	mg/L		09/25/25 14:00	09/26/25 13:51	1
Cadmium	ND		0.050	mg/L		09/25/25 14:00	09/26/25 13:51	1
Chromium	ND		0.050	mg/L		09/25/25 14:00	09/26/25 13:51	1
Arsenic	ND		0.050	mg/L		09/25/25 14:00	09/26/25 13:51	1
Lead	ND		0.050	mg/L		09/25/25 14:00	09/26/25 13:51	1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LB 240-673153/1-B
Matrix: Solid
Analysis Batch: 673520

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 673250

Analyte	LB Result	LB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.050		mg/L		09/25/25 14:00	09/26/25 13:51	1

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 240-673253/2-A
Matrix: Solid
Analysis Batch: 673532

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 673253

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0020		mg/L		09/25/25 10:54	09/26/25 14:53	1

Lab Sample ID: LCS 240-673253/3-A
Matrix: Solid
Analysis Batch: 673532

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 673253

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.00500	0.00470		mg/L		94	80 - 120		

Lab Sample ID: LB 240-673153/1-C
Matrix: Solid
Analysis Batch: 673532

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 673253

Analyte	LB Result	LB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0020		mg/L		09/25/25 10:54	09/26/25 14:52	1

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 240-673104/1-A
Matrix: Solid
Analysis Batch: 673257

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 673104

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.10		mg/Kg		09/24/25 15:00	09/25/25 09:43	1

Lab Sample ID: LCS 240-673104/2-A
Matrix: Solid
Analysis Batch: 673257

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 673104

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.833	0.821		mg/Kg		99	80 - 120		

QC Association Summary

Client: General Motors LLC
Project/Site: Line Breaks

Job ID: 240-233602-1

GC/MS VOA

Leach Batch: 673160

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-233602-1	2024 Line Breaks	TCLP	Solid	1311	
LB 240-673160/1-A MB	Method Blank	TCLP	Solid	1311	

Analysis Batch: 673309

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-233602-1	2024 Line Breaks	TCLP	Solid	8260D	673160
LB 240-673160/1-A MB	Method Blank	TCLP	Solid	8260D	673160
LCS 240-673309/8	Lab Control Sample	Total/NA	Solid	8260D	

GC/MS Semi VOA

Leach Batch: 673153

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-233602-1	2024 Line Breaks	TCLP	Solid	1311	

Prep Batch: 673312

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-233602-1	2024 Line Breaks	TCLP	Solid	3510C	673153
MB 240-673312/1-A	Method Blank	Total/NA	Solid	3510C	
LCS 240-673312/2-A	Lab Control Sample	Total/NA	Solid	3510C	

Analysis Batch: 673599

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-233602-1	2024 Line Breaks	TCLP	Solid	8270E	673312
MB 240-673312/1-A	Method Blank	Total/NA	Solid	8270E	673312
LCS 240-673312/2-A	Lab Control Sample	Total/NA	Solid	8270E	673312

GC Semi VOA

Analysis Batch: 673360

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-233602-1	2024 Line Breaks	Total/NA	Solid	8082A	673406
MB 240-673406/1-A	Method Blank	Total/NA	Solid	8082A	673406
LCS 240-673406/2-A	Lab Control Sample	Total/NA	Solid	8082A	673406
240-233602-1 MS	2024 Line Breaks	Total/NA	Solid	8082A	673406
240-233602-1 MSD	2024 Line Breaks	Total/NA	Solid	8082A	673406

Prep Batch: 673406

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-233602-1	2024 Line Breaks	Total/NA	Solid	3546	
MB 240-673406/1-A	Method Blank	Total/NA	Solid	3546	
LCS 240-673406/2-A	Lab Control Sample	Total/NA	Solid	3546	
240-233602-1 MS	2024 Line Breaks	Total/NA	Solid	3546	
240-233602-1 MSD	2024 Line Breaks	Total/NA	Solid	3546	

Metals

Prep Batch: 673103

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-233602-1	2024 Line Breaks	Total/NA	Solid	3050B	
MB 240-673103/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 240-673103/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Metals

Prep Batch: 673104

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-233602-1	2024 Line Breaks	Total/NA	Solid	7471B	
MB 240-673104/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 240-673104/2-A	Lab Control Sample	Total/NA	Solid	7471B	

Leach Batch: 673153

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-233602-1	2024 Line Breaks	TCLP	Solid	1311	
LB 240-673153/1-B	Method Blank	TCLP	Solid	1311	
LB 240-673153/1-C	Method Blank	TCLP	Solid	1311	

Prep Batch: 673250

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-233602-1	2024 Line Breaks	TCLP	Solid	3010A	673153
LB 240-673153/1-B	Method Blank	TCLP	Solid	3010A	673153
MB 240-673250/2-A	Method Blank	Total/NA	Solid	3010A	
LCS 240-673250/3-A	Lab Control Sample	Total/NA	Solid	3010A	

Prep Batch: 673253

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-233602-1	2024 Line Breaks	TCLP	Solid	7470A	673153
LB 240-673153/1-C	Method Blank	TCLP	Solid	7470A	673153
MB 240-673253/2-A	Method Blank	Total/NA	Solid	7470A	
LCS 240-673253/3-A	Lab Control Sample	Total/NA	Solid	7470A	

Analysis Batch: 673257

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-233602-1	2024 Line Breaks	Total/NA	Solid	7471B	673104
MB 240-673104/1-A	Method Blank	Total/NA	Solid	7471B	673104
LCS 240-673104/2-A	Lab Control Sample	Total/NA	Solid	7471B	673104

Analysis Batch: 673439

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-233602-1	2024 Line Breaks	Total/NA	Solid	6010D	673103
MB 240-673103/1-A	Method Blank	Total/NA	Solid	6010D	673103
LCS 240-673103/2-A	Lab Control Sample	Total/NA	Solid	6010D	673103

Analysis Batch: 673520

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-233602-1	2024 Line Breaks	TCLP	Solid	6010D	673250
LB 240-673153/1-B	Method Blank	TCLP	Solid	6010D	673250
MB 240-673250/2-A	Method Blank	Total/NA	Solid	6010D	673250
LCS 240-673250/3-A	Lab Control Sample	Total/NA	Solid	6010D	673250

Analysis Batch: 673532

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-233602-1	2024 Line Breaks	TCLP	Solid	7470A	673253
LB 240-673153/1-C	Method Blank	TCLP	Solid	7470A	673253
MB 240-673253/2-A	Method Blank	Total/NA	Solid	7470A	673253
LCS 240-673253/3-A	Lab Control Sample	Total/NA	Solid	7470A	673253

General Chemistry

Analysis Batch: 673051

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-233602-1	2024 Line Breaks	Total/NA	Solid	Moisture	

Analysis Batch: 673553

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-233602-1	2024 Line Breaks	Total/NA	Solid	9045D	
LCS 240-673553/21	Lab Control Sample	Total/NA	Solid	9045D	

Lab Chronicle

Client: General Motors LLC
Project/Site: Line Breaks

Job ID: 240-233602-1

Client Sample ID: 2024 Line Breaks

Lab Sample ID: 240-233602-1

Date Collected: 09/22/25 11:44

Matrix: Solid

Date Received: 09/23/25 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			673160	DRJ	EET CLE	09/24/25 15:55 - 09/25/25 08:20 [1]
TCLP	Analysis	8260D		1	673309	HMB	EET CLE	09/26/25 03:16
TCLP	Leach	1311			673153	DRJ	EET CLE	09/24/25 16:15 - 09/25/25 08:20 [1]
TCLP	Prep	3510C			673312	L6TL	EET CLE	09/25/25 14:04
TCLP	Analysis	8270E		1	673599	JMG	EET CLE	09/29/25 11:58
TCLP	Leach	1311			673153	DRJ	EET CLE	09/24/25 16:15 - 09/25/25 08:20 [1]
TCLP	Prep	3010A			673250	MN7X	EET CLE	09/25/25 14:00
TCLP	Analysis	6010D		1	673520	AJC	EET CLE	09/26/25 15:15
TCLP	Leach	1311			673153	DRJ	EET CLE	09/24/25 16:15 - 09/25/25 08:20 [1]
TCLP	Prep	7470A			673253	MN7X	EET CLE	09/25/25 14:00
TCLP	Analysis	7470A		1	673532	BN	EET CLE	09/26/25 15:14
Total/NA	Analysis	9045D		1	673553	TAV2	EET CLE	09/27/25 11:20
Total/NA	Analysis	Moisture		1	673051	TAV2	EET CLE	09/24/25 09:49

Client Sample ID: 2024 Line Breaks

Lab Sample ID: 240-233602-1

Date Collected: 09/22/25 11:44

Matrix: Solid

Date Received: 09/23/25 10:30

Percent Solids: 97.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			673406	BV1	EET CLE	09/26/25 08:45
Total/NA	Analysis	8082A		1	673360	LSH	EET CLE	09/26/25 14:10
Total/NA	Prep	3050B			673103	DEE	EET CLE	09/24/25 15:00
Total/NA	Analysis	6010D		1	673439	AJC	EET CLE	09/25/25 18:27
Total/NA	Prep	7471B			673104	DEE	EET CLE	09/24/25 15:00
Total/NA	Analysis	7471B		1	673257	TQ6W	EET CLE	09/25/25 10:27

[1] This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

Accreditation/Certification Summary

Client: General Motors LLC
Project/Site: Line Breaks

Job ID: 240-233602-1

Laboratory: Eurofins Cleveland

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Connecticut	State	PH-0806	12-31-26
Georgia	State	4062	02-27-26
Illinois	NELAP	200004	08-31-26
Iowa	State	421	06-01-27
Kansas	NELAP	E-10336	01-31-26
Kentucky (UST)	State	112225	02-28-26
Kentucky (WW)	State	KY98016	12-31-25
Minnesota	NELAP	039-999-348	12-31-25
New Hampshire	NELAP	2250	09-30-25
New Jersey	NELAP	OH001	06-30-26
New York	NELAP	10975	04-01-26
North Dakota	State	R-244	02-27-26
Ohio	State	8303	11-04-25
Ohio VAP	State	ORELAP 4062	02-28-26
Oregon	NELAP	4062	02-27-26
Pennsylvania	NELAP	68-00340	08-31-26
Texas	NELAP	T104704517	08-31-26
US Fish & Wildlife	US Federal Programs	A26406	02-28-26
USDA	US Federal Programs	P330-18-00281	01-05-27
Virginia	NELAP	460175	09-14-26
West Virginia DEP	State	210	12-31-25
Wisconsin	State	399167560	08-31-26

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

3.0/3.2

eurofins | Environment Testing

Client Information	Sampler: Kyle Nichter	Lab PM: Heckler, Denise D	Carrier Tracking No(s):	COC No: 240-137412-46392.1
Client Contact: Casey Essary	Phone: 716-260-3815	E-Mail: Denise.Heckler@et.eurofinsus.com	State of Origin:	Page: Page 1 of 1
Company: General Motors LLC	PWSID:			Job #:
Address: 200 Upper Mountain Road	Due Date Requested:			
City: Lockport	TAT Requested (days):			
State, Zip: NY, 14094	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 150601GMLabWater			
Email: casey.essary@gm.com	WO #:			
Project Name: Waste Characterization	Project #: 24021527			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N - None

240-233602 COC

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6010D - pH, % Solids, PCBs, TCLP Metals, Total M	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N		
2024 Line Breaks	9-22-25	1144	G	Solid			X		

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

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

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Kyle Nichter	9-22-25/1240	Pace	JLM	9/23/25 1030	EC
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

Eurofins – Cleveland Sample Receipt Form/Narrative Login # ·_____
Barberton Facility

Client GM Site Name_____ Cooler unpacked by· JLM

Cooler Received on 9/23/25 Opened on 9/23/25

FedEx. 1st Grd (Exp) UPS FAS Waypoint Client Drop Off Eurofins Courier Other_____

Receipt After-hours· Drop-off Date/Time_____ Storage Location_____

Eurofins Cooler # EC Foam Box Client ~~Cooler~~ Box Other_____

Packing material used Bubble Wrap Foam (Plastic Bag) None Other_____

COOLANT· (Wet Ice) Blue Ice Dry Ice Water None

1 Cooler temperature upon receipt ☐ See Multiple Cooler Form

IR GUN # 13 (CF 1.2 °C) Observed Cooler Temp. 3 °C Corrected Cooler Temp 3.2 °C

2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity 1	(Yes) No	**Tests that are not checked for pH by Receiving·**
-Were the seals on the outside of the cooler(s) signed & dated?	(Yes) No NA	
-Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)?	Yes (No)	**VOAs**
-Were tamper/custody seals intact and uncompromised?	(Yes) No NA	**Oil and Grease**
3 Shippers' packing slip attached to the cooler(s)?	(Yes) No	**TOC**
4 Did custody papers accompany the sample(s)?	(Yes) No	
5 Were the custody papers relinquished & signed in the appropriate place?	(Yes) No	
6 Was/were the person(s) who collected the samples clearly identified on the COC?	(Yes) No	
7 Did all bottles arrive in good condition (Unbroken)?	(Yes) No	
8 Could all bottle labels (ID/Date/Time) be reconciled with the COC?	(Yes) No	
9 For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp (Y/N)?		
10 Were correct bottle(s) used for the test(s) indicated?	(Yes) No	
11 Sufficient quantity received to perform indicated analyses?	(Yes) No	
12 Are these work share samples and all listed on the COC?	Yes (No)	
If yes, Questions 13-17 have been checked at the originating laboratory		
13 Were all preserved sample(s) at the correct pH upon receipt?	Yes No (NA)	pH Strip Lot# HC567196
14 Were VOAs on the COC?	Yes (No)	
15 Were air bubbles >6 mm in any VOA vials? ● ⬅ Larger than this.	Yes No (NA)	
16 Was a VOA trip blank present in the cooler(s)? Trip Blank Lot #_____	Yes (No)	
17 Was a LL Hg or Me Hg trip blank present? _____	Yes (No)	

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page

Labeled by·

Labels Verified by·

No time on bottle label, logging per COC

19 SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired

Sample(s) _____ were received in a broken container

Sample(s) _____ were received with bubble >6 mm in diameter (Notify PM)

20 SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory

Time preserved _____ Preservative(s) added/Lot number(s) _____

VOA Sample Preservation - Date/Time VOAs Frozen _____

9/23/2025

Login Container Summary Report

240-233602

9/30/2025

Temperature readings _____

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
2024 Line Breaks	240 233602-A-1	SnapCap 1/2 ounce unpreserved				
2024 Line Breaks	240-233602-B 1	Soil jar 32oz - clear glass				

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ANALYTICAL REPORT

PREPARED FOR

Attn: Christopher Arcuri
GHD Services Inc.
2055 Niagara Falls Blvd., Suite 3
Niagara Falls, New York 14304

Generated 4/14/2025 10:31:50 AM

JOB DESCRIPTION

12616852, GM-Lockport Air 256042

JOB NUMBER

480-228117-1

Eurofins Buffalo
10 Hazelwood Drive
Amherst NY 14228-2298

See page two for job notes and contact information.

Job Notes

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

Authorization



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4/14/2025 10:31:50 AM

Authorized for release by
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Table of Contents

Cover Page 1
Table of Contents 3
Definitions/Glossary 4
Case Narrative 5
Detection Summary 6
Client Sample Results 10
QC Sample Results 24
QC Association Summary 28
Lab Chronicle 29
Certification Summary 31
Method Summary 32
Sample Summary 33
Canister QC Documents 34
Chain of Custody 35
Receipt Checklists 37
Clean Canister Certification 38
Pre-Ship Certification 38
Clean Canister Data 42
Air Canister Dilution 77

Definitions/Glossary

Client: GHD Services Inc.
Job ID: 480-228117-1
Project/Site: 12616852, GM-Lockport Air 256042

Qualifiers

Air - GC/MS VOA

Qualifier	Qualifier Description
E	Result exceeded calibration range.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

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

Job ID: 480-228117-1 Eurofins Buffalo

Job Narrative
480-228117-1

Receipt
The samples were received on 3/21/2025 10:40 AM. Unless otherwise noted below, the samples arrived in good condition.

Receipt Exceptions
During the canister pressure check performed upon receipt, it was observed that the following samples were received at an elevated residual vacuum level: 7E-IA-1-031925 (480-228117-6) and OA-2-031925 (480-228117-8). The associated flow controller was evaluated upon receipt and was found to be outside the acceptable flow range as compared to the original set flow rate.

The residual vacuum for sample 480-228117-6 is above the working range. Clean nitrogen will be added to bring the can pressure into range. Additional sample volume will be used so the sample RL will not increase.

The residual vacuum for sample 480-2283117-8 is above the working range. Clean nitrogen will be added to bring the can pressure into range. Additional sample volume will be used to minimize any resulting dilution. However, a small dilution factor may be applied to the sample RL.

Air - GC/MS VOA
Method TO15: The concentration of Isopropyl Alcohol in the following samples exceeded the calibration range of the instrument: 7W-IA-1-031925 (480-228117-1), 7W-IA-2-031925 (480-228117-2), 7W-IA-3-031925 (480-228117-3), 7W-IA-4-031925 (480-228117-4) and 7W-IA-5-031925 (480-228117-5). The samples were analyzed with minimum dilution even though some analytes were outside of the calibration range.

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

Detection Summary

Client: GHD Services Inc.
Project/Site: 12616852, GM-Lockport Air 256042

Job ID: 480-228117-1

Client Sample ID: 7W-IA-1-031925 — Lab Sample ID: 480-228117-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	3.3		2.5	1.1	ug/m3	1		TO-15	Total/NA
Freon 22	11		1.8	1.3	ug/m3	1		TO-15	Total/NA
Chloromethane	1.4		1.0	0.68	ug/m3	1		TO-15	Total/NA
n-Butane	5.6		1.2	0.74	ug/m3	1		TO-15	Total/NA
1,3-Butadiene	0.56		0.44	0.088	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	14		1.1	0.43	ug/m3	1		TO-15	Total/NA
Freon TF	0.62	J	1.5	0.44	ug/m3	1		TO-15	Total/NA
Acetone	15		12	4.5	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	140	E	12	5.4	ug/m3	1		TO-15	Total/NA
n-Hexane	0.61	J	1.8	0.56	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone	2.1		1.5	0.41	ug/m3	1		TO-15	Total/NA
cis-1,2-Dichloroethene	0.37	J	0.79	0.13	ug/m3	1		TO-15	Total/NA
1,2-Dichloroethene, Total	0.37	J	1.6	0.079	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.57	J	1.3	0.15	ug/m3	1		TO-15	Total/NA
Benzene	0.64		0.64	0.16	ug/m3	1		TO-15	Total/NA
n-Heptane	0.58	J	0.82	0.35	ug/m3	1		TO-15	Total/NA
Trichloroethene	1.3		1.1	0.16	ug/m3	1		TO-15	Total/NA
Methyl methacrylate	6.1		2.0	0.53	ug/m3	1		TO-15	Total/NA
Toluene	0.89		0.75	0.20	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	2.0		1.4	0.24	ug/m3	1		TO-15	Total/NA
Ethylbenzene	0.22	J	0.87	0.22	ug/m3	1		TO-15	Total/NA
m,p-Xylene	0.81	J	2.2	0.061	ug/m3	1		TO-15	Total/NA
Xylene, o-	0.47	J	0.87	0.30	ug/m3	1		TO-15	Total/NA
Xylene (total)	1.3	J	3.0	0.061	ug/m3	1		TO-15	Total/NA
n-Propylbenzene	0.46	J	0.98	0.30	ug/m3	1		TO-15	Total/NA
4-Ethyltoluene	0.67	J	0.98	0.33	ug/m3	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	0.91	J	0.98	0.33	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	2.6		0.98	0.40	ug/m3	1		TO-15	Total/NA
n-Butylbenzene	0.43	J	1.1	0.38	ug/m3	1		TO-15	Total/NA
Hexachlorobutadiene	0.83	J	2.1	0.83	ug/m3	1		TO-15	Total/NA

Client Sample ID: 7W-IA-2-031925 — Lab Sample ID: 480-228117-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.6		2.5	1.1	ug/m3	1		TO-15	Total/NA
Freon 22	2.1		1.8	1.3	ug/m3	1		TO-15	Total/NA
Chloromethane	1.4		1.0	0.68	ug/m3	1		TO-15	Total/NA
n-Butane	3.4		1.2	0.74	ug/m3	1		TO-15	Total/NA
1,3-Butadiene	1.0		0.44	0.088	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	8.6		1.1	0.43	ug/m3	1		TO-15	Total/NA
Freon TF	0.59	J	1.5	0.44	ug/m3	1		TO-15	Total/NA
Acetone	20		12	4.5	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	210	E	12	5.4	ug/m3	1		TO-15	Total/NA
Carbon disulfide	1.4	J	1.6	0.56	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone	2.4		1.5	0.41	ug/m3	1		TO-15	Total/NA
cis-1,2-Dichloroethene	0.28	J	0.79	0.13	ug/m3	1		TO-15	Total/NA
1,2-Dichloroethene, Total	0.28	J	1.6	0.079	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.54	J	1.3	0.15	ug/m3	1		TO-15	Total/NA
Benzene	0.92		0.64	0.16	ug/m3	1		TO-15	Total/NA
n-Heptane	0.73	J	0.82	0.35	ug/m3	1		TO-15	Total/NA
Trichloroethene	0.70	J	1.1	0.16	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Client Sample ID: 7W-IA-2-031925 (Continued)
Lab Sample ID: 480-228117-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl methacrylate	15		2.0	0.53	ug/m3	1		TO-15	Total/NA
Toluene	1.1		0.75	0.20	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	2.2		1.4	0.24	ug/m3	1		TO-15	Total/NA
m,p-Xylene	0.71	J	2.2	0.061	ug/m3	1		TO-15	Total/NA
Xylene, o-	0.33	J	0.87	0.30	ug/m3	1		TO-15	Total/NA
Xylene (total)	1.0	J	3.0	0.061	ug/m3	1		TO-15	Total/NA
4-Ethyltoluene	0.46	J	0.98	0.33	ug/m3	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	0.63	J	0.98	0.33	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	1.8		0.98	0.40	ug/m3	1		TO-15	Total/NA
Naphthalene	8.0		2.6	0.58	ug/m3	1		TO-15	Total/NA

Client Sample ID: 7W-IA-3-031925
Lab Sample ID: 480-228117-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	3.4		2.5	1.1	ug/m3	1		TO-15	Total/NA
Freon 22	28		1.8	1.3	ug/m3	1		TO-15	Total/NA
Chloromethane	1.4		1.0	0.68	ug/m3	1		TO-15	Total/NA
n-Butane	4.0		1.2	0.74	ug/m3	1		TO-15	Total/NA
1,3-Butadiene	0.59		0.44	0.088	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	13		1.1	0.43	ug/m3	1		TO-15	Total/NA
Freon TF	0.60	J	1.5	0.44	ug/m3	1		TO-15	Total/NA
Acetone	19		12	4.5	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	290	E	12	5.4	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone	2.5		1.5	0.41	ug/m3	1		TO-15	Total/NA
cis-1,2-Dichloroethene	0.39	J	0.79	0.13	ug/m3	1		TO-15	Total/NA
1,2-Dichloroethene, Total	0.39	J	1.6	0.079	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.54	J	1.3	0.15	ug/m3	1		TO-15	Total/NA
Benzene	0.80		0.64	0.16	ug/m3	1		TO-15	Total/NA
n-Heptane	0.72	J	0.82	0.35	ug/m3	1		TO-15	Total/NA
Trichloroethene	0.82	J	1.1	0.16	ug/m3	1		TO-15	Total/NA
Methyl methacrylate	9.8		2.0	0.53	ug/m3	1		TO-15	Total/NA
Toluene	2.0		0.75	0.20	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	4.9		1.4	0.24	ug/m3	1		TO-15	Total/NA
Ethylbenzene	0.59	J	0.87	0.22	ug/m3	1		TO-15	Total/NA
m,p-Xylene	3.6		2.2	0.061	ug/m3	1		TO-15	Total/NA
Xylene, o-	1.5		0.87	0.30	ug/m3	1		TO-15	Total/NA
Xylene (total)	5.1		3.0	0.061	ug/m3	1		TO-15	Total/NA
n-Propylbenzene	0.93	J	0.98	0.30	ug/m3	1		TO-15	Total/NA
4-Ethyltoluene	1.7		0.98	0.33	ug/m3	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	1.9		0.98	0.33	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	6.3		0.98	0.40	ug/m3	1		TO-15	Total/NA

Client Sample ID: 7W-IA-4-031925
Lab Sample ID: 480-228117-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	3.0		2.5	1.1	ug/m3	1		TO-15	Total/NA
Freon 22	120		1.8	1.3	ug/m3	1		TO-15	Total/NA
Chloromethane	1.4		1.0	0.68	ug/m3	1		TO-15	Total/NA
n-Butane	5.8		1.2	0.74	ug/m3	1		TO-15	Total/NA
1,3-Butadiene	0.36	J	0.44	0.088	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	2.6		1.1	0.43	ug/m3	1		TO-15	Total/NA
Acetone	45		12	4.5	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 7W-IA-4-031925 (Continued)
Lab Sample ID: 480-228117-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Isopropyl alcohol	200	E	12	5.4	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone	1.4	J	1.5	0.41	ug/m3	1		TO-15	Total/NA
cis-1,2-Dichloroethene	0.16	J	0.79	0.13	ug/m3	1		TO-15	Total/NA
1,2-Dichloroethene, Total	0.16	J	1.6	0.079	ug/m3	1		TO-15	Total/NA

Client Sample ID: 7W-IA-5-031925
Lab Sample ID: 480-228117-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	1.8	J	2.5	1.1	ug/m3	1		TO-15	Total/NA
Freon 22	7.9		1.8	1.3	ug/m3	1		TO-15	Total/NA
Chloromethane	1.2		1.0	0.68	ug/m3	1		TO-15	Total/NA
n-Butane	2.9		1.2	0.74	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.7		1.1	0.43	ug/m3	1		TO-15	Total/NA
Freon TF	0.55	J	1.5	0.44	ug/m3	1		TO-15	Total/NA
Acetone	11	J	12	4.5	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	130	E	12	5.4	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone	0.93	J	1.5	0.41	ug/m3	1		TO-15	Total/NA
cis-1,2-Dichloroethene	0.23	J	0.79	0.13	ug/m3	1		TO-15	Total/NA
1,2-Dichloroethene, Total	0.23	J	1.6	0.079	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.47	J	1.3	0.15	ug/m3	1		TO-15	Total/NA
Benzene	0.42	J	0.64	0.16	ug/m3	1		TO-15	Total/NA
Trichloroethene	0.38	J	1.1	0.16	ug/m3	1		TO-15	Total/NA
Toluene	0.51	J	0.75	0.20	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	2.6		1.4	0.24	ug/m3	1		TO-15	Total/NA
m,p-Xylene	0.36	J	2.2	0.061	ug/m3	1		TO-15	Total/NA
Xylene (total)	0.36	J	3.0	0.061	ug/m3	1		TO-15	Total/NA
4-Ethyltoluene	0.34	J	0.98	0.33	ug/m3	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	0.42	J	0.98	0.33	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	1.4		0.98	0.40	ug/m3	1		TO-15	Total/NA

Client Sample ID: 7E-IA-1-031925
Lab Sample ID: 480-228117-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	1.6	J	2.5	1.1	ug/m3	1		TO-15	Total/NA
Freon 22	9.6		1.8	1.3	ug/m3	1		TO-15	Total/NA
Chloromethane	1.3		1.0	0.68	ug/m3	1		TO-15	Total/NA
n-Butane	2.6		1.2	0.74	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.5		1.1	0.43	ug/m3	1		TO-15	Total/NA
Freon TF	0.58	J	1.5	0.44	ug/m3	1		TO-15	Total/NA
Acetone	10	J	12	4.5	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	48		12	5.4	ug/m3	1		TO-15	Total/NA
Methylene Chloride	0.84	J	1.7	0.66	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone	0.82	J	1.5	0.41	ug/m3	1		TO-15	Total/NA
cis-1,2-Dichloroethene	0.47	J	0.79	0.13	ug/m3	1		TO-15	Total/NA
1,2-Dichloroethene, Total	0.47	J	1.6	0.079	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.42	J	1.3	0.15	ug/m3	1		TO-15	Total/NA
Benzene	0.49	J	0.64	0.16	ug/m3	1		TO-15	Total/NA
Trichloroethene	0.50	J	1.1	0.16	ug/m3	1		TO-15	Total/NA
Methyl methacrylate	23		2.0	0.53	ug/m3	1		TO-15	Total/NA
Toluene	1.0		0.75	0.20	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	0.88	J	1.4	0.24	ug/m3	1		TO-15	Total/NA
m,p-Xylene	1.1	J	2.2	0.061	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 7E-IA-1-031925 (Continued)
Lab Sample ID: 480-228117-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Xylene, o-	0.49	J	0.87	0.30	ug/m3	1		TO-15	Total/NA
Xylene (total)	1.6	J	3.0	0.061	ug/m3	1		TO-15	Total/NA
n-Propylbenzene	0.70	J	0.98	0.30	ug/m3	1		TO-15	Total/NA
4-Ethyltoluene	1.2		0.98	0.33	ug/m3	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	1.9		0.98	0.33	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	4.9		0.98	0.40	ug/m3	1		TO-15	Total/NA

Client Sample ID: 7E-IA-2-031925
Lab Sample ID: 480-228117-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.3	J	2.5	1.1	ug/m3	1		TO-15	Total/NA
Freon 22	25		1.8	1.3	ug/m3	1		TO-15	Total/NA
Chloromethane	1.3		1.0	0.68	ug/m3	1		TO-15	Total/NA
n-Butane	6.4		1.2	0.74	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.2		1.1	0.43	ug/m3	1		TO-15	Total/NA
Acetone	20		12	4.5	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	21		12	5.4	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone	1.2	J	1.5	0.41	ug/m3	1		TO-15	Total/NA
cis-1,2-Dichloroethene	0.17	J	0.79	0.13	ug/m3	1		TO-15	Total/NA
1,2-Dichloroethene, Total	0.17	J	1.6	0.079	ug/m3	1		TO-15	Total/NA

Client Sample ID: OA-2-031925
Lab Sample ID: 480-228117-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	1.1	J	1.2	0.76	ug/m3	1.12		TO-15	Total/NA
n-Butane	1.6		1.3	0.83	ug/m3	1.12		TO-15	Total/NA
Trichlorofluoromethane	1.1	J	1.3	0.48	ug/m3	1.12		TO-15	Total/NA
Acetone	8.5	J	13	5.1	ug/m3	1.12		TO-15	Total/NA
Carbon disulfide	1.3	J	1.7	0.63	ug/m3	1.12		TO-15	Total/NA
Methyl Ethyl Ketone	0.85	J	1.7	0.46	ug/m3	1.12		TO-15	Total/NA
Carbon tetrachloride	0.37	J	1.4	0.17	ug/m3	1.12		TO-15	Total/NA
Benzene	0.34	J	0.72	0.18	ug/m3	1.12		TO-15	Total/NA
Toluene	0.63	J	0.84	0.23	ug/m3	1.12		TO-15	Total/NA
m,p-Xylene	0.26	J	2.4	0.068	ug/m3	1.12		TO-15	Total/NA
Xylene (total)	0.26	J	3.4	0.068	ug/m3	1.12		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 7W-IA-1-031925
Lab Sample ID: 480-228117-1

Date Collected: 03/19/25 16:53
Matrix: Air
Date Received: 03/21/25 10:40
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**3.3**		2.5	1.1	ug/m3			03/28/25 14:39	1
Freon 22	**11**		1.8	1.3	ug/m3			03/28/25 14:39	1
1,2-Dichlorotetrafluoroethane	ND		1.4	0.53	ug/m3			03/28/25 14:39	1
Chloromethane	**1.4**		1.0	0.68	ug/m3			03/28/25 14:39	1
n-Butane	**5.6**		1.2	0.74	ug/m3			03/28/25 14:39	1
Vinyl chloride	ND		0.51	0.074	ug/m3			03/28/25 14:39	1
1,3-Butadiene	**0.56**		0.44	0.088	ug/m3			03/28/25 14:39	1
Bromomethane	ND		0.78	0.24	ug/m3			03/28/25 14:39	1
Chloroethane	ND		1.3	0.42	ug/m3			03/28/25 14:39	1
Bromoethene(Vinyl Bromide)	ND		0.87	0.21	ug/m3			03/28/25 14:39	1
Trichlorofluoromethane	**14**		1.1	0.43	ug/m3			03/28/25 14:39	1
Freon TF	**0.62**	**J**	1.5	0.44	ug/m3			03/28/25 14:39	1
1,1-Dichloroethene	ND		0.79	0.14	ug/m3			03/28/25 14:39	1
Acetone	**15**		12	4.5	ug/m3			03/28/25 14:39	1
Isopropyl alcohol	**140**	**E**	12	5.4	ug/m3			03/28/25 14:39	1
Carbon disulfide	ND		1.6	0.56	ug/m3			03/28/25 14:39	1
3-Chloropropene	ND		1.6	0.25	ug/m3			03/28/25 14:39	1
Methylene Chloride	ND		1.7	0.66	ug/m3			03/28/25 14:39	1
tert-Butyl alcohol	ND		15	4.9	ug/m3			03/28/25 14:39	1
Methyl tert-butyl ether	ND		0.72	0.24	ug/m3			03/28/25 14:39	1
trans-1,2-Dichloroethene	ND		0.79	0.079	ug/m3			03/28/25 14:39	1
n-Hexane	**0.61**	**J**	1.8	0.56	ug/m3			03/28/25 14:39	1
1,1-Dichloroethane	ND		0.81	0.073	ug/m3			03/28/25 14:39	1
Methyl Ethyl Ketone	**2.1**		1.5	0.41	ug/m3			03/28/25 14:39	1
cis-1,2-Dichloroethene	**0.37**	**J**	0.79	0.13	ug/m3			03/28/25 14:39	1
1,2-Dichloroethene, Total	**0.37**	**J**	1.6	0.079	ug/m3			03/28/25 14:39	1
Chloroform	ND		0.98	0.29	ug/m3			03/28/25 14:39	1
Tetrahydrofuran	ND		15	5.0	ug/m3			03/28/25 14:39	1
1,1,1-Trichloroethane	ND		1.1	0.40	ug/m3			03/28/25 14:39	1
Cyclohexane	ND		0.69	0.18	ug/m3			03/28/25 14:39	1
Carbon tetrachloride	**0.57**	**J**	1.3	0.15	ug/m3			03/28/25 14:39	1
2,2,4-Trimethylpentane	ND		0.93	0.33	ug/m3			03/28/25 14:39	1
Benzene	**0.64**		0.64	0.16	ug/m3			03/28/25 14:39	1
1,2-Dichloroethane	ND		0.81	0.30	ug/m3			03/28/25 14:39	1
n-Heptane	**0.58**	**J**	0.82	0.35	ug/m3			03/28/25 14:39	1
Trichloroethene	**1.3**		1.1	0.16	ug/m3			03/28/25 14:39	1
Methyl methacrylate	**6.1**		2.0	0.53	ug/m3			03/28/25 14:39	1
1,2-Dichloropropane	ND		0.92	0.25	ug/m3			03/28/25 14:39	1
1,4-Dioxane	ND		18	0.68	ug/m3			03/28/25 14:39	1
Bromodichloromethane	ND		1.3	0.39	ug/m3			03/28/25 14:39	1
cis-1,3-Dichloropropene	ND		0.91	0.25	ug/m3			03/28/25 14:39	1
methyl isobutyl ketone	ND		2.0	0.78	ug/m3			03/28/25 14:39	1
Toluene	**0.89**		0.75	0.20	ug/m3			03/28/25 14:39	1
trans-1,3-Dichloropropene	ND		0.91	0.28	ug/m3			03/28/25 14:39	1
1,1,2-Trichloroethane	ND		1.1	0.29	ug/m3			03/28/25 14:39	1
Tetrachloroethene	**2.0**		1.4	0.24	ug/m3			03/28/25 14:39	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.82	ug/m3			03/28/25 14:39	1
Dibromochloromethane	ND		1.7	0.45	ug/m3			03/28/25 14:39	1

Client Sample ID: 7W-IA-1-031925

Lab Sample ID: 480-228117-1

Date Collected: 03/19/25 16:53
Matrix: Air
Date Received: 03/21/25 10:40
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		1.5	0.35	ug/m3			03/28/25 14:39	1
Chlorobenzene	ND		0.92	0.22	ug/m3			03/28/25 14:39	1
Ethylbenzene	**0.22**	**J**	0.87	0.22	ug/m3			03/28/25 14:39	1
m,p-Xylene	**0.81**	**J**	2.2	0.061	ug/m3			03/28/25 14:39	1
Xylene, o-	**0.47**	**J**	0.87	0.30	ug/m3			03/28/25 14:39	1
Xylene (total)	**1.3**	**J**	3.0	0.061	ug/m3			03/28/25 14:39	1
Styrene	ND		0.85	0.24	ug/m3			03/28/25 14:39	1
Bromoform	ND		2.1	0.60	ug/m3			03/28/25 14:39	1
Cumene	ND		0.98	0.35	ug/m3			03/28/25 14:39	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.42	ug/m3			03/28/25 14:39	1
n-Propylbenzene	**0.46**	**J**	0.98	0.30	ug/m3			03/28/25 14:39	1
4-Ethyltoluene	**0.67**	**J**	0.98	0.33	ug/m3			03/28/25 14:39	1
1,3,5-Trimethylbenzene	**0.91**	**J**	0.98	0.33	ug/m3			03/28/25 14:39	1
2-Chlorotoluene	ND		1.0	0.30	ug/m3			03/28/25 14:39	1
tert-Butylbenzene	ND		1.1	0.38	ug/m3			03/28/25 14:39	1
1,2,4-Trimethylbenzene	**2.6**		0.98	0.40	ug/m3			03/28/25 14:39	1
sec-Butylbenzene	ND		1.1	0.40	ug/m3			03/28/25 14:39	1
4-Isopropyltoluene	ND		1.1	0.43	ug/m3			03/28/25 14:39	1
1,3-Dichlorobenzene	ND		1.2	0.38	ug/m3			03/28/25 14:39	1
1,4-Dichlorobenzene	ND		1.2	0.42	ug/m3			03/28/25 14:39	1
Benzyl chloride	ND		1.0	0.38	ug/m3			03/28/25 14:39	1
n-Butylbenzene	**0.43**	**J**	1.1	0.38	ug/m3			03/28/25 14:39	1
1,2-Dichlorobenzene	ND		1.2	0.40	ug/m3			03/28/25 14:39	1
1,2,4-Trichlorobenzene	ND		3.7	2.2	ug/m3			03/28/25 14:39	1
Hexachlorobutadiene	**0.83**	**J**	2.1	0.83	ug/m3			03/28/25 14:39	1
Naphthalene	ND		2.6	0.58	ug/m3			03/28/25 14:39	1

Client Sample ID: 7W-IA-2-031925

Lab Sample ID: 480-228117-2

Date Collected: 03/19/25 14:03
Matrix: Air
Date Received: 03/21/25 10:40
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.6**		2.5	1.1	ug/m3			03/28/25 15:29	1
Freon 22	**2.1**		1.8	1.3	ug/m3			03/28/25 15:29	1
1,2-Dichlorotetrafluoroethane	ND		1.4	0.53	ug/m3			03/28/25 15:29	1
Chloromethane	**1.4**		1.0	0.68	ug/m3			03/28/25 15:29	1
n-Butane	**3.4**		1.2	0.74	ug/m3			03/28/25 15:29	1
Vinyl chloride	ND		0.51	0.074	ug/m3			03/28/25 15:29	1
1,3-Butadiene	**1.0**		0.44	0.088	ug/m3			03/28/25 15:29	1
Bromomethane	ND		0.78	0.24	ug/m3			03/28/25 15:29	1
Chloroethane	ND		1.3	0.42	ug/m3			03/28/25 15:29	1
Bromoethene(Vinyl Bromide)	ND		0.87	0.21	ug/m3			03/28/25 15:29	1
Trichlorofluoromethane	**8.6**		1.1	0.43	ug/m3			03/28/25 15:29	1
Freon TF	**0.59**	**J**	1.5	0.44	ug/m3			03/28/25 15:29	1
1,1-Dichloroethene	ND		0.79	0.14	ug/m3			03/28/25 15:29	1
Acetone	**20**		12	4.5	ug/m3			03/28/25 15:29	1
Isopropyl alcohol	**210**	**E**	12	5.4	ug/m3			03/28/25 15:29	1

Client Sample ID: 7W-IA-2-031925
Lab Sample ID: 480-228117-2

Date Collected: 03/19/25 14:03
Matrix: Air
Date Received: 03/21/25 10:40
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	**1.4**	**J**	1.6	0.56	ug/m3			03/28/25 15:29	1
3-Chloropropene	ND		1.6	0.25	ug/m3			03/28/25 15:29	1
Methylene Chloride	ND		1.7	0.66	ug/m3			03/28/25 15:29	1
tert-Butyl alcohol	ND		15	4.9	ug/m3			03/28/25 15:29	1
Methyl tert-butyl ether	ND		0.72	0.24	ug/m3			03/28/25 15:29	1
trans-1,2-Dichloroethene	ND		0.79	0.079	ug/m3			03/28/25 15:29	1
n-Hexane	ND		1.8	0.56	ug/m3			03/28/25 15:29	1
1,1-Dichloroethane	ND		0.81	0.073	ug/m3			03/28/25 15:29	1
Methyl Ethyl Ketone	**2.4**		1.5	0.41	ug/m3			03/28/25 15:29	1
cis-1,2-Dichloroethene	**0.28**	**J**	0.79	0.13	ug/m3			03/28/25 15:29	1
1,2-Dichloroethene, Total	**0.28**	**J**	1.6	0.079	ug/m3			03/28/25 15:29	1
Chloroform	ND		0.98	0.29	ug/m3			03/28/25 15:29	1
Tetrahydrofuran	ND		15	5.0	ug/m3			03/28/25 15:29	1
1,1,1-Trichloroethane	ND		1.1	0.40	ug/m3			03/28/25 15:29	1
Cyclohexane	ND		0.69	0.18	ug/m3			03/28/25 15:29	1
Carbon tetrachloride	**0.54**	**J**	1.3	0.15	ug/m3			03/28/25 15:29	1
2,2,4-Trimethylpentane	ND		0.93	0.33	ug/m3			03/28/25 15:29	1
Benzene	**0.92**		0.64	0.16	ug/m3			03/28/25 15:29	1
1,2-Dichloroethane	ND		0.81	0.30	ug/m3			03/28/25 15:29	1
n-Heptane	**0.73**	**J**	0.82	0.35	ug/m3			03/28/25 15:29	1
Trichloroethene	**0.70**	**J**	1.1	0.16	ug/m3			03/28/25 15:29	1
Methyl methacrylate	**15**		2.0	0.53	ug/m3			03/28/25 15:29	1
1,2-Dichloropropane	ND		0.92	0.25	ug/m3			03/28/25 15:29	1
1,4-Dioxane	ND		18	0.68	ug/m3			03/28/25 15:29	1
Bromodichloromethane	ND		1.3	0.39	ug/m3			03/28/25 15:29	1
cis-1,3-Dichloropropene	ND		0.91	0.25	ug/m3			03/28/25 15:29	1
methyl isobutyl ketone	ND		2.0	0.78	ug/m3			03/28/25 15:29	1
Toluene	**1.1**		0.75	0.20	ug/m3			03/28/25 15:29	1
trans-1,3-Dichloropropene	ND		0.91	0.28	ug/m3			03/28/25 15:29	1
1,1,2-Trichloroethane	ND		1.1	0.29	ug/m3			03/28/25 15:29	1
Tetrachloroethene	**2.2**		1.4	0.24	ug/m3			03/28/25 15:29	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.82	ug/m3			03/28/25 15:29	1
Dibromochloromethane	ND		1.7	0.45	ug/m3			03/28/25 15:29	1
1,2-Dibromoethane	ND		1.5	0.35	ug/m3			03/28/25 15:29	1
Chlorobenzene	ND		0.92	0.22	ug/m3			03/28/25 15:29	1
Ethylbenzene	ND		0.87	0.22	ug/m3			03/28/25 15:29	1
m,p-Xylene	**0.71**	**J**	2.2	0.061	ug/m3			03/28/25 15:29	1
Xylene, o-	**0.33**	**J**	0.87	0.30	ug/m3			03/28/25 15:29	1
Xylene (total)	**1.0**	**J**	3.0	0.061	ug/m3			03/28/25 15:29	1
Styrene	ND		0.85	0.24	ug/m3			03/28/25 15:29	1
Bromoform	ND		2.1	0.60	ug/m3			03/28/25 15:29	1
Cumene	ND		0.98	0.35	ug/m3			03/28/25 15:29	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.42	ug/m3			03/28/25 15:29	1
n-Propylbenzene	ND		0.98	0.30	ug/m3			03/28/25 15:29	1
4-Ethyltoluene	**0.46**	**J**	0.98	0.33	ug/m3			03/28/25 15:29	1
1,3,5-Trimethylbenzene	**0.63**	**J**	0.98	0.33	ug/m3			03/28/25 15:29	1
2-Chlorotoluene	ND		1.0	0.30	ug/m3			03/28/25 15:29	1
tert-Butylbenzene	ND		1.1	0.38	ug/m3			03/28/25 15:29	1

Client Sample ID: 7W-IA-2-031925
Lab Sample ID: 480-228117-2

Date Collected: 03/19/25 14:03
Matrix: Air
Date Received: 03/21/25 10:40
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	**1.8**		0.98	0.40	ug/m3			03/28/25 15:29	1
sec-Butylbenzene	ND		1.1	0.40	ug/m3			03/28/25 15:29	1
4-Isopropyltoluene	ND		1.1	0.43	ug/m3			03/28/25 15:29	1
1,3-Dichlorobenzene	ND		1.2	0.38	ug/m3			03/28/25 15:29	1
1,4-Dichlorobenzene	ND		1.2	0.42	ug/m3			03/28/25 15:29	1
Benzyl chloride	ND		1.0	0.38	ug/m3			03/28/25 15:29	1
n-Butylbenzene	ND		1.1	0.38	ug/m3			03/28/25 15:29	1
1,2-Dichlorobenzene	ND		1.2	0.40	ug/m3			03/28/25 15:29	1
1,2,4-Trichlorobenzene	ND		3.7	2.2	ug/m3			03/28/25 15:29	1
Hexachlorobutadiene	ND		2.1	0.83	ug/m3			03/28/25 15:29	1
Naphthalene	**8.0**		2.6	0.58	ug/m3			03/28/25 15:29	1

Client Sample ID: 7W-IA-3-031925
Lab Sample ID: 480-228117-3

Date Collected: 03/19/25 17:00
Matrix: Air
Date Received: 03/21/25 10:40
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**3.4**		2.5	1.1	ug/m3			03/28/25 16:21	1
Freon 22	**28**		1.8	1.3	ug/m3			03/28/25 16:21	1
1,2-Dichlorotetrafluoroethane	ND		1.4	0.53	ug/m3			03/28/25 16:21	1
Chloromethane	**1.4**		1.0	0.68	ug/m3			03/28/25 16:21	1
n-Butane	**4.0**		1.2	0.74	ug/m3			03/28/25 16:21	1
Vinyl chloride	ND		0.51	0.074	ug/m3			03/28/25 16:21	1
1,3-Butadiene	**0.59**		0.44	0.088	ug/m3			03/28/25 16:21	1
Bromomethane	ND		0.78	0.24	ug/m3			03/28/25 16:21	1
Chloroethane	ND		1.3	0.42	ug/m3			03/28/25 16:21	1
Bromoethene(Vinyl Bromide)	ND		0.87	0.21	ug/m3			03/28/25 16:21	1
Trichlorofluoromethane	**13**		1.1	0.43	ug/m3			03/28/25 16:21	1
Freon TF	**0.60**	**J**	1.5	0.44	ug/m3			03/28/25 16:21	1
1,1-Dichloroethene	ND		0.79	0.14	ug/m3			03/28/25 16:21	1
Acetone	**19**		12	4.5	ug/m3			03/28/25 16:21	1
Isopropyl alcohol	**290**	**E**	12	5.4	ug/m3			03/28/25 16:21	1
Carbon disulfide	ND		1.6	0.56	ug/m3			03/28/25 16:21	1
3-Chloropropene	ND		1.6	0.25	ug/m3			03/28/25 16:21	1
Methylene Chloride	ND		1.7	0.66	ug/m3			03/28/25 16:21	1
tert-Butyl alcohol	ND		15	4.9	ug/m3			03/28/25 16:21	1
Methyl tert-butyl ether	ND		0.72	0.24	ug/m3			03/28/25 16:21	1
trans-1,2-Dichloroethene	ND		0.79	0.079	ug/m3			03/28/25 16:21	1
n-Hexane	ND		1.8	0.56	ug/m3			03/28/25 16:21	1
1,1-Dichloroethane	ND		0.81	0.073	ug/m3			03/28/25 16:21	1
Methyl Ethyl Ketone	**2.5**		1.5	0.41	ug/m3			03/28/25 16:21	1
cis-1,2-Dichloroethene	**0.39**	**J**	0.79	0.13	ug/m3			03/28/25 16:21	1
1,2-Dichloroethene, Total	**0.39**	**J**	1.6	0.079	ug/m3			03/28/25 16:21	1
Chloroform	ND		0.98	0.29	ug/m3			03/28/25 16:21	1
Tetrahydrofuran	ND		15	5.0	ug/m3			03/28/25 16:21	1
1,1,1-Trichloroethane	ND		1.1	0.40	ug/m3			03/28/25 16:21	1
Cyclohexane	ND		0.69	0.18	ug/m3			03/28/25 16:21	1

Client: GHD Services Inc.
Job ID: 480-228117-1
Project/Site: 12616852, GM-Lockport Air 256042

Client Sample ID: 7W-IA-3-031925
Lab Sample ID: 480-228117-3
Date Collected: 03/19/25 17:00
Matrix: Air
Date Received: 03/21/25 10:40
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	**0.54**	**J**	1.3	0.15	ug/m3			03/28/25 16:21	1
2,2,4-Trimethylpentane	ND		0.93	0.33	ug/m3			03/28/25 16:21	1
Benzene	**0.80**		0.64	0.16	ug/m3			03/28/25 16:21	1
1,2-Dichloroethane	ND		0.81	0.30	ug/m3			03/28/25 16:21	1
n-Heptane	**0.72**	**J**	0.82	0.35	ug/m3			03/28/25 16:21	1
Trichloroethene	**0.82**	**J**	1.1	0.16	ug/m3			03/28/25 16:21	1
Methyl methacrylate	**9.8**		2.0	0.53	ug/m3			03/28/25 16:21	1
1,2-Dichloropropane	ND		0.92	0.25	ug/m3			03/28/25 16:21	1
1,4-Dioxane	ND		18	0.68	ug/m3			03/28/25 16:21	1
Bromodichloromethane	ND		1.3	0.39	ug/m3			03/28/25 16:21	1
cis-1,3-Dichloropropene	ND		0.91	0.25	ug/m3			03/28/25 16:21	1
methyl isobutyl ketone	ND		2.0	0.78	ug/m3			03/28/25 16:21	1
Toluene	**2.0**		0.75	0.20	ug/m3			03/28/25 16:21	1
trans-1,3-Dichloropropene	ND		0.91	0.28	ug/m3			03/28/25 16:21	1
1,1,2-Trichloroethane	ND		1.1	0.29	ug/m3			03/28/25 16:21	1
Tetrachloroethene	**4.9**		1.4	0.24	ug/m3			03/28/25 16:21	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.82	ug/m3			03/28/25 16:21	1
Dibromochloromethane	ND		1.7	0.45	ug/m3			03/28/25 16:21	1
1,2-Dibromoethane	ND		1.5	0.35	ug/m3			03/28/25 16:21	1
Chlorobenzene	ND		0.92	0.22	ug/m3			03/28/25 16:21	1
Ethylbenzene	**0.59**	**J**	0.87	0.22	ug/m3			03/28/25 16:21	1
m,p-Xylene	**3.6**		2.2	0.061	ug/m3			03/28/25 16:21	1
Xylene, o-	**1.5**		0.87	0.30	ug/m3			03/28/25 16:21	1
Xylene (total)	**5.1**		3.0	0.061	ug/m3			03/28/25 16:21	1
Styrene	ND		0.85	0.24	ug/m3			03/28/25 16:21	1
Bromoform	ND		2.1	0.60	ug/m3			03/28/25 16:21	1
Cumene	ND		0.98	0.35	ug/m3			03/28/25 16:21	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.42	ug/m3			03/28/25 16:21	1
n-Propylbenzene	**0.93**	**J**	0.98	0.30	ug/m3			03/28/25 16:21	1
4-Ethyltoluene	**1.7**		0.98	0.33	ug/m3			03/28/25 16:21	1
1,3,5-Trimethylbenzene	**1.9**		0.98	0.33	ug/m3			03/28/25 16:21	1
2-Chlorotoluene	ND		1.0	0.30	ug/m3			03/28/25 16:21	1
tert-Butylbenzene	ND		1.1	0.38	ug/m3			03/28/25 16:21	1
1,2,4-Trimethylbenzene	**6.3**		0.98	0.40	ug/m3			03/28/25 16:21	1
sec-Butylbenzene	ND		1.1	0.40	ug/m3			03/28/25 16:21	1
4-Isopropyltoluene	ND		1.1	0.43	ug/m3			03/28/25 16:21	1
1,3-Dichlorobenzene	ND		1.2	0.38	ug/m3			03/28/25 16:21	1
1,4-Dichlorobenzene	ND		1.2	0.42	ug/m3			03/28/25 16:21	1
Benzyl chloride	ND		1.0	0.38	ug/m3			03/28/25 16:21	1
n-Butylbenzene	ND		1.1	0.38	ug/m3			03/28/25 16:21	1
1,2-Dichlorobenzene	ND		1.2	0.40	ug/m3			03/28/25 16:21	1
1,2,4-Trichlorobenzene	ND		3.7	2.2	ug/m3			03/28/25 16:21	1
Hexachlorobutadiene	ND		2.1	0.83	ug/m3			03/28/25 16:21	1
Naphthalene	ND		2.6	0.58	ug/m3			03/28/25 16:21	1

Client: GHD Services Inc.
Project/Site: 12616852, GM-Lockport Air 256042

Job ID: 480-228117-1

Client Sample ID: 7W-IA-4-031925
Date Collected: 03/19/25 17:04
Date Received: 03/21/25 10:40
Sample Container: Summa Canister 6L

Lab Sample ID: 480-228117-4
Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**3.0**		2.5	1.1	ug/m3			03/28/25 17:12	1
Freon 22	**120**		1.8	1.3	ug/m3			03/28/25 17:12	1
1,2-Dichlorotetrafluoroethane	ND		1.4	0.53	ug/m3			03/28/25 17:12	1
Chloromethane	**1.4**		1.0	0.68	ug/m3			03/28/25 17:12	1
n-Butane	**5.8**		1.2	0.74	ug/m3			03/28/25 17:12	1
Vinyl chloride	ND		0.51	0.074	ug/m3			03/28/25 17:12	1
1,3-Butadiene	**0.36**	**J**	0.44	0.088	ug/m3			03/28/25 17:12	1
Bromomethane	ND		0.78	0.24	ug/m3			03/28/25 17:12	1
Chloroethane	ND		1.3	0.42	ug/m3			03/28/25 17:12	1
Bromoethene(Vinyl Bromide)	ND		0.87	0.21	ug/m3			03/28/25 17:12	1
Trichlorofluoromethane	**2.6**		1.1	0.43	ug/m3			03/28/25 17:12	1
Freon TF	ND		1.5	0.44	ug/m3			03/28/25 17:12	1
1,1-Dichloroethene	ND		0.79	0.14	ug/m3			03/28/25 17:12	1
Acetone	**45**		12	4.5	ug/m3			03/28/25 17:12	1
Isopropyl alcohol	**200**	**E**	12	5.4	ug/m3			03/28/25 17:12	1
Carbon disulfide	ND		1.6	0.56	ug/m3			03/28/25 17:12	1
3-Chloropropene	ND		1.6	0.25	ug/m3			03/28/25 17:12	1
Methylene Chloride	ND		1.7	0.66	ug/m3			03/28/25 17:12	1
tert-Butyl alcohol	ND		15	4.9	ug/m3			03/28/25 17:12	1
Methyl tert-butyl ether	ND		0.72	0.24	ug/m3			03/28/25 17:12	1
trans-1,2-Dichloroethene	ND		0.79	0.079	ug/m3			03/28/25 17:12	1
n-Hexane	ND		1.8	0.56	ug/m3			03/28/25 17:12	1
1,1-Dichloroethane	ND		0.81	0.073	ug/m3			03/28/25 17:12	1
Methyl Ethyl Ketone	**1.4**	**J**	1.5	0.41	ug/m3			03/28/25 17:12	1
cis-1,2-Dichloroethene	**0.16**	**J**	0.79	0.13	ug/m3			03/28/25 17:12	1
1,2-Dichloroethene, Total	**0.16**	**J**	1.6	0.079	ug/m3			03/28/25 17:12	1
Chloroform	ND		0.98	0.29	ug/m3			03/28/25 17:12	1
Tetrahydrofuran	ND		15	5.0	ug/m3			03/28/25 17:12	1
1,1,1-Trichloroethane	ND		1.1	0.40	ug/m3			03/28/25 17:12	1
Cyclohexane	ND		0.69	0.18	ug/m3			03/28/25 17:12	1
Carbon tetrachloride	ND		1.3	0.15	ug/m3			03/28/25 17:12	1
2,2,4-Trimethylpentane	ND		0.93	0.33	ug/m3			03/28/25 17:12	1
Benzene	ND		0.64	0.16	ug/m3			03/28/25 17:12	1
1,2-Dichloroethane	ND		0.81	0.30	ug/m3			03/28/25 17:12	1
n-Heptane	ND		0.82	0.35	ug/m3			03/28/25 17:12	1
Trichloroethene	ND		1.1	0.16	ug/m3			03/28/25 17:12	1
Methyl methacrylate	ND		2.0	0.53	ug/m3			03/28/25 17:12	1
1,2-Dichloropropane	ND		0.92	0.25	ug/m3			03/28/25 17:12	1
1,4-Dioxane	ND		18	0.68	ug/m3			03/28/25 17:12	1
Bromodichloromethane	ND		1.3	0.39	ug/m3			03/28/25 17:12	1
cis-1,3-Dichloropropene	ND		0.91	0.25	ug/m3			03/28/25 17:12	1
methyl isobutyl ketone	ND		2.0	0.78	ug/m3			03/28/25 17:12	1
Toluene	ND		0.75	0.20	ug/m3			03/28/25 17:12	1
trans-1,3-Dichloropropene	ND		0.91	0.28	ug/m3			03/28/25 17:12	1
1,1,2-Trichloroethane	ND		1.1	0.29	ug/m3			03/28/25 17:12	1
Tetrachloroethene	ND		1.4	0.24	ug/m3			03/28/25 17:12	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.82	ug/m3			03/28/25 17:12	1
Dibromochloromethane	ND		1.7	0.45	ug/m3			03/28/25 17:12	1

Client Sample ID: 7W-IA-4-031925
Lab Sample ID: 480-228117-4

Date Collected: 03/19/25 17:04
Matrix: Air
Date Received: 03/21/25 10:40
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		1.5	0.35	ug/m3			03/28/25 17:12	1
Chlorobenzene	ND		0.92	0.22	ug/m3			03/28/25 17:12	1
Ethylbenzene	ND		0.87	0.22	ug/m3			03/28/25 17:12	1
m,p-Xylene	ND		2.2	0.061	ug/m3			03/28/25 17:12	1
Xylene, o-	ND		0.87	0.30	ug/m3			03/28/25 17:12	1
Xylene (total)	ND		3.0	0.061	ug/m3			03/28/25 17:12	1
Styrene	ND		0.85	0.24	ug/m3			03/28/25 17:12	1
Bromoform	ND		2.1	0.60	ug/m3			03/28/25 17:12	1
Cumene	ND		0.98	0.35	ug/m3			03/28/25 17:12	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.42	ug/m3			03/28/25 17:12	1
n-Propylbenzene	ND		0.98	0.30	ug/m3			03/28/25 17:12	1
4-Ethyltoluene	ND		0.98	0.33	ug/m3			03/28/25 17:12	1
1,3,5-Trimethylbenzene	ND		0.98	0.33	ug/m3			03/28/25 17:12	1
2-Chlorotoluene	ND		1.0	0.30	ug/m3			03/28/25 17:12	1
tert-Butylbenzene	ND		1.1	0.38	ug/m3			03/28/25 17:12	1
1,2,4-Trimethylbenzene	ND		0.98	0.40	ug/m3			03/28/25 17:12	1
sec-Butylbenzene	ND		1.1	0.40	ug/m3			03/28/25 17:12	1
4-Isopropyltoluene	ND		1.1	0.43	ug/m3			03/28/25 17:12	1
1,3-Dichlorobenzene	ND		1.2	0.38	ug/m3			03/28/25 17:12	1
1,4-Dichlorobenzene	ND		1.2	0.42	ug/m3			03/28/25 17:12	1
Benzyl chloride	ND		1.0	0.38	ug/m3			03/28/25 17:12	1
n-Butylbenzene	ND		1.1	0.38	ug/m3			03/28/25 17:12	1
1,2-Dichlorobenzene	ND		1.2	0.40	ug/m3			03/28/25 17:12	1
1,2,4-Trichlorobenzene	ND		3.7	2.2	ug/m3			03/28/25 17:12	1
Hexachlorobutadiene	ND		2.1	0.83	ug/m3			03/28/25 17:12	1
Naphthalene	ND		2.6	0.58	ug/m3			03/28/25 17:12	1

Client Sample ID: 7W-IA-5-031925
Lab Sample ID: 480-228117-5

Date Collected: 03/19/25 17:08
Matrix: Air
Date Received: 03/21/25 10:40
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**1.8**	**J**	2.5	1.1	ug/m3			03/28/25 18:03	1
Freon 22	**7.9**		1.8	1.3	ug/m3			03/28/25 18:03	1
1,2-Dichlorotetrafluoroethane	ND		1.4	0.53	ug/m3			03/28/25 18:03	1
Chloromethane	**1.2**		1.0	0.68	ug/m3			03/28/25 18:03	1
n-Butane	**2.9**		1.2	0.74	ug/m3			03/28/25 18:03	1
Vinyl chloride	ND		0.51	0.074	ug/m3			03/28/25 18:03	1
1,3-Butadiene	ND		0.44	0.088	ug/m3			03/28/25 18:03	1
Bromomethane	ND		0.78	0.24	ug/m3			03/28/25 18:03	1
Chloroethane	ND		1.3	0.42	ug/m3			03/28/25 18:03	1
Bromoethene(Vinyl Bromide)	ND		0.87	0.21	ug/m3			03/28/25 18:03	1
Trichlorofluoromethane	**1.7**		1.1	0.43	ug/m3			03/28/25 18:03	1
Freon TF	**0.55**	**J**	1.5	0.44	ug/m3			03/28/25 18:03	1
1,1-Dichloroethene	ND		0.79	0.14	ug/m3			03/28/25 18:03	1
Acetone	**11**	**J**	12	4.5	ug/m3			03/28/25 18:03	1
Isopropyl alcohol	**130**	**E**	12	5.4	ug/m3			03/28/25 18:03	1

Client: GHD Services Inc.
Project/Site: 12616852, GM-Lockport Air 256042

Job ID: 480-228117-1

Client Sample ID: 7W-IA-5-031925
Date Collected: 03/19/25 17:08
Date Received: 03/21/25 10:40
Sample Container: Summa Canister 6L

Lab Sample ID: 480-228117-5
Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	ND		1.6	0.56	ug/m3			03/28/25 18:03	1
3-Chloropropene	ND		1.6	0.25	ug/m3			03/28/25 18:03	1
Methylene Chloride	ND		1.7	0.66	ug/m3			03/28/25 18:03	1
tert-Butyl alcohol	ND		15	4.9	ug/m3			03/28/25 18:03	1
Methyl tert-butyl ether	ND		0.72	0.24	ug/m3			03/28/25 18:03	1
trans-1,2-Dichloroethene	ND		0.79	0.079	ug/m3			03/28/25 18:03	1
n-Hexane	ND		1.8	0.56	ug/m3			03/28/25 18:03	1
1,1-Dichloroethane	ND		0.81	0.073	ug/m3			03/28/25 18:03	1
Methyl Ethyl Ketone	**0.93**	**J**	1.5	0.41	ug/m3			03/28/25 18:03	1
cis-1,2-Dichloroethene	**0.23**	**J**	0.79	0.13	ug/m3			03/28/25 18:03	1
1,2-Dichloroethene, Total	**0.23**	**J**	1.6	0.079	ug/m3			03/28/25 18:03	1
Chloroform	ND		0.98	0.29	ug/m3			03/28/25 18:03	1
Tetrahydrofuran	ND		15	5.0	ug/m3			03/28/25 18:03	1
1,1,1-Trichloroethane	ND		1.1	0.40	ug/m3			03/28/25 18:03	1
Cyclohexane	ND		0.69	0.18	ug/m3			03/28/25 18:03	1
Carbon tetrachloride	**0.47**	**J**	1.3	0.15	ug/m3			03/28/25 18:03	1
2,2,4-Trimethylpentane	ND		0.93	0.33	ug/m3			03/28/25 18:03	1
Benzene	**0.42**	**J**	0.64	0.16	ug/m3			03/28/25 18:03	1
1,2-Dichloroethane	ND		0.81	0.30	ug/m3			03/28/25 18:03	1
n-Heptane	ND		0.82	0.35	ug/m3			03/28/25 18:03	1
Trichloroethene	**0.38**	**J**	1.1	0.16	ug/m3			03/28/25 18:03	1
Methyl methacrylate	ND		2.0	0.53	ug/m3			03/28/25 18:03	1
1,2-Dichloropropane	ND		0.92	0.25	ug/m3			03/28/25 18:03	1
1,4-Dioxane	ND		18	0.68	ug/m3			03/28/25 18:03	1
Bromodichloromethane	ND		1.3	0.39	ug/m3			03/28/25 18:03	1
cis-1,3-Dichloropropene	ND		0.91	0.25	ug/m3			03/28/25 18:03	1
methyl isobutyl ketone	ND		2.0	0.78	ug/m3			03/28/25 18:03	1
Toluene	**0.51**	**J**	0.75	0.20	ug/m3			03/28/25 18:03	1
trans-1,3-Dichloropropene	ND		0.91	0.28	ug/m3			03/28/25 18:03	1
1,1,2-Trichloroethane	ND		1.1	0.29	ug/m3			03/28/25 18:03	1
Tetrachloroethene	**2.6**		1.4	0.24	ug/m3			03/28/25 18:03	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.82	ug/m3			03/28/25 18:03	1
Dibromochloromethane	ND		1.7	0.45	ug/m3			03/28/25 18:03	1
1,2-Dibromoethane	ND		1.5	0.35	ug/m3			03/28/25 18:03	1
Chlorobenzene	ND		0.92	0.22	ug/m3			03/28/25 18:03	1
Ethylbenzene	ND		0.87	0.22	ug/m3			03/28/25 18:03	1
m,p-Xylene	**0.36**	**J**	2.2	0.061	ug/m3			03/28/25 18:03	1
Xylene, o-	ND		0.87	0.30	ug/m3			03/28/25 18:03	1
Xylene (total)	**0.36**	**J**	3.0	0.061	ug/m3			03/28/25 18:03	1
Styrene	ND		0.85	0.24	ug/m3			03/28/25 18:03	1
Bromoform	ND		2.1	0.60	ug/m3			03/28/25 18:03	1
Cumene	ND		0.98	0.35	ug/m3			03/28/25 18:03	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.42	ug/m3			03/28/25 18:03	1
n-Propylbenzene	ND		0.98	0.30	ug/m3			03/28/25 18:03	1
4-Ethyltoluene	**0.34**	**J**	0.98	0.33	ug/m3			03/28/25 18:03	1
1,3,5-Trimethylbenzene	**0.42**	**J**	0.98	0.33	ug/m3			03/28/25 18:03	1
2-Chlorotoluene	ND		1.0	0.30	ug/m3			03/28/25 18:03	1
tert-Butylbenzene	ND		1.1	0.38	ug/m3			03/28/25 18:03	1

Client Sample ID: 7W-IA-5-031925
Lab Sample ID: 480-228117-5

Date Collected: 03/19/25 17:08
Matrix: Air
Date Received: 03/21/25 10:40
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	**1.4**		0.98	0.40	ug/m3			03/28/25 18:03	1
sec-Butylbenzene	ND		1.1	0.40	ug/m3			03/28/25 18:03	1
4-Isopropyltoluene	ND		1.1	0.43	ug/m3			03/28/25 18:03	1
1,3-Dichlorobenzene	ND		1.2	0.38	ug/m3			03/28/25 18:03	1
1,4-Dichlorobenzene	ND		1.2	0.42	ug/m3			03/28/25 18:03	1
Benzyl chloride	ND		1.0	0.38	ug/m3			03/28/25 18:03	1
n-Butylbenzene	ND		1.1	0.38	ug/m3			03/28/25 18:03	1
1,2-Dichlorobenzene	ND		1.2	0.40	ug/m3			03/28/25 18:03	1
1,2,4-Trichlorobenzene	ND		3.7	2.2	ug/m3			03/28/25 18:03	1
Hexachlorobutadiene	ND		2.1	0.83	ug/m3			03/28/25 18:03	1
Naphthalene	ND		2.6	0.58	ug/m3			03/28/25 18:03	1

Client Sample ID: 7E-IA-1-031925
Lab Sample ID: 480-228117-6

Date Collected: 03/19/25 17:13
Matrix: Air
Date Received: 03/21/25 10:40
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**1.6**	**J**	2.5	1.1	ug/m3			03/28/25 18:56	1
Freon 22	**9.6**		1.8	1.3	ug/m3			03/28/25 18:56	1
1,2-Dichlorotetrafluoroethane	ND		1.4	0.53	ug/m3			03/28/25 18:56	1
Chloromethane	**1.3**		1.0	0.68	ug/m3			03/28/25 18:56	1
n-Butane	**2.6**		1.2	0.74	ug/m3			03/28/25 18:56	1
Vinyl chloride	ND		0.51	0.074	ug/m3			03/28/25 18:56	1
1,3-Butadiene	ND		0.44	0.088	ug/m3			03/28/25 18:56	1
Bromomethane	ND		0.78	0.24	ug/m3			03/28/25 18:56	1
Chloroethane	ND		1.3	0.42	ug/m3			03/28/25 18:56	1
Bromoethene(Vinyl Bromide)	ND		0.87	0.21	ug/m3			03/28/25 18:56	1
Trichlorofluoromethane	**1.5**		1.1	0.43	ug/m3			03/28/25 18:56	1
Freon TF	**0.58**	**J**	1.5	0.44	ug/m3			03/28/25 18:56	1
1,1-Dichloroethene	ND		0.79	0.14	ug/m3			03/28/25 18:56	1
Acetone	**10**	**J**	12	4.5	ug/m3			03/28/25 18:56	1
Isopropyl alcohol	**48**		12	5.4	ug/m3			03/28/25 18:56	1
Carbon disulfide	ND		1.6	0.56	ug/m3			03/28/25 18:56	1
3-Chloropropene	ND		1.6	0.25	ug/m3			03/28/25 18:56	1
Methylene Chloride	**0.84**	**J**	1.7	0.66	ug/m3			03/28/25 18:56	1
tert-Butyl alcohol	ND		15	4.9	ug/m3			03/28/25 18:56	1
Methyl tert-butyl ether	ND		0.72	0.24	ug/m3			03/28/25 18:56	1
trans-1,2-Dichloroethene	ND		0.79	0.079	ug/m3			03/28/25 18:56	1
n-Hexane	ND		1.8	0.56	ug/m3			03/28/25 18:56	1
1,1-Dichloroethane	ND		0.81	0.073	ug/m3			03/28/25 18:56	1
Methyl Ethyl Ketone	**0.82**	**J**	1.5	0.41	ug/m3			03/28/25 18:56	1
cis-1,2-Dichloroethene	**0.47**	**J**	0.79	0.13	ug/m3			03/28/25 18:56	1
1,2-Dichloroethene, Total	**0.47**	**J**	1.6	0.079	ug/m3			03/28/25 18:56	1
Chloroform	ND		0.98	0.29	ug/m3			03/28/25 18:56	1
Tetrahydrofuran	ND		15	5.0	ug/m3			03/28/25 18:56	1
1,1,1-Trichloroethane	ND		1.1	0.40	ug/m3			03/28/25 18:56	1
Cyclohexane	ND		0.69	0.18	ug/m3			03/28/25 18:56	1

Client: GHD Services Inc.
Project/Site: 12616852, GM-Lockport Air 256042

Job ID: 480-228117-1

Client Sample ID: 7E-IA-1-031925
Date Collected: 03/19/25 17:13
Date Received: 03/21/25 10:40
Sample Container: Summa Canister 6L

Lab Sample ID: 480-228117-6
Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	**0.42**	**J**	1.3	0.15	ug/m3			03/28/25 18:56	1
2,2,4-Trimethylpentane	ND		0.93	0.33	ug/m3			03/28/25 18:56	1
Benzene	**0.49**	**J**	0.64	0.16	ug/m3			03/28/25 18:56	1
1,2-Dichloroethane	ND		0.81	0.30	ug/m3			03/28/25 18:56	1
n-Heptane	ND		0.82	0.35	ug/m3			03/28/25 18:56	1
Trichloroethene	**0.50**	**J**	1.1	0.16	ug/m3			03/28/25 18:56	1
Methyl methacrylate	**23**		2.0	0.53	ug/m3			03/28/25 18:56	1
1,2-Dichloropropane	ND		0.92	0.25	ug/m3			03/28/25 18:56	1
1,4-Dioxane	ND		18	0.68	ug/m3			03/28/25 18:56	1
Bromodichloromethane	ND		1.3	0.39	ug/m3			03/28/25 18:56	1
cis-1,3-Dichloropropene	ND		0.91	0.25	ug/m3			03/28/25 18:56	1
methyl isobutyl ketone	ND		2.0	0.78	ug/m3			03/28/25 18:56	1
Toluene	**1.0**		0.75	0.20	ug/m3			03/28/25 18:56	1
trans-1,3-Dichloropropene	ND		0.91	0.28	ug/m3			03/28/25 18:56	1
1,1,2-Trichloroethane	ND		1.1	0.29	ug/m3			03/28/25 18:56	1
Tetrachloroethene	**0.88**	**J**	1.4	0.24	ug/m3			03/28/25 18:56	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.82	ug/m3			03/28/25 18:56	1
Dibromochloromethane	ND		1.7	0.45	ug/m3			03/28/25 18:56	1
1,2-Dibromoethane	ND		1.5	0.35	ug/m3			03/28/25 18:56	1
Chlorobenzene	ND		0.92	0.22	ug/m3			03/28/25 18:56	1
Ethylbenzene	ND		0.87	0.22	ug/m3			03/28/25 18:56	1
m,p-Xylene	**1.1**	**J**	2.2	0.061	ug/m3			03/28/25 18:56	1
Xylene, o-	**0.49**	**J**	0.87	0.30	ug/m3			03/28/25 18:56	1
Xylene (total)	**1.6**	**J**	3.0	0.061	ug/m3			03/28/25 18:56	1
Styrene	ND		0.85	0.24	ug/m3			03/28/25 18:56	1
Bromoform	ND		2.1	0.60	ug/m3			03/28/25 18:56	1
Cumene	ND		0.98	0.35	ug/m3			03/28/25 18:56	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.42	ug/m3			03/28/25 18:56	1
n-Propylbenzene	**0.70**	**J**	0.98	0.30	ug/m3			03/28/25 18:56	1
4-Ethyltoluene	**1.2**		0.98	0.33	ug/m3			03/28/25 18:56	1
1,3,5-Trimethylbenzene	**1.9**		0.98	0.33	ug/m3			03/28/25 18:56	1
2-Chlorotoluene	ND		1.0	0.30	ug/m3			03/28/25 18:56	1
tert-Butylbenzene	ND		1.1	0.38	ug/m3			03/28/25 18:56	1
1,2,4-Trimethylbenzene	**4.9**		0.98	0.40	ug/m3			03/28/25 18:56	1
sec-Butylbenzene	ND		1.1	0.40	ug/m3			03/28/25 18:56	1
4-Isopropyltoluene	ND		1.1	0.43	ug/m3			03/28/25 18:56	1
1,3-Dichlorobenzene	ND		1.2	0.38	ug/m3			03/28/25 18:56	1
1,4-Dichlorobenzene	ND		1.2	0.42	ug/m3			03/28/25 18:56	1
Benzyl chloride	ND		1.0	0.38	ug/m3			03/28/25 18:56	1
n-Butylbenzene	ND		1.1	0.38	ug/m3			03/28/25 18:56	1
1,2-Dichlorobenzene	ND		1.2	0.40	ug/m3			03/28/25 18:56	1
1,2,4-Trichlorobenzene	ND		3.7	2.2	ug/m3			03/28/25 18:56	1
Hexachlorobutadiene	ND		2.1	0.83	ug/m3			03/28/25 18:56	1
Naphthalene	ND		2.6	0.58	ug/m3			03/28/25 18:56	1

Client: GHD Services Inc.
Project/Site: 12616852, GM-Lockport Air 256042

Job ID: 480-228117-1

Client Sample ID: 7E-IA-2-031925
Date Collected: 03/19/25 17:15
Date Received: 03/21/25 10:40
Sample Container: Summa Canister 6L

Lab Sample ID: 480-228117-7
Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.3**	**J**	2.5	1.1	ug/m3			03/28/25 19:47	1
Freon 22	**25**		1.8	1.3	ug/m3			03/28/25 19:47	1
1,2-Dichlorotetrafluoroethane	ND		1.4	0.53	ug/m3			03/28/25 19:47	1
Chloromethane	**1.3**		1.0	0.68	ug/m3			03/28/25 19:47	1
n-Butane	**6.4**		1.2	0.74	ug/m3			03/28/25 19:47	1
Vinyl chloride	ND		0.51	0.074	ug/m3			03/28/25 19:47	1
1,3-Butadiene	ND		0.44	0.088	ug/m3			03/28/25 19:47	1
Bromomethane	ND		0.78	0.24	ug/m3			03/28/25 19:47	1
Chloroethane	ND		1.3	0.42	ug/m3			03/28/25 19:47	1
Bromoethene(Vinyl Bromide)	ND		0.87	0.21	ug/m3			03/28/25 19:47	1
Trichlorofluoromethane	**1.2**		1.1	0.43	ug/m3			03/28/25 19:47	1
Freon TF	ND		1.5	0.44	ug/m3			03/28/25 19:47	1
1,1-Dichloroethene	ND		0.79	0.14	ug/m3			03/28/25 19:47	1
Acetone	**20**		12	4.5	ug/m3			03/28/25 19:47	1
Isopropyl alcohol	**21**		12	5.4	ug/m3			03/28/25 19:47	1
Carbon disulfide	ND		1.6	0.56	ug/m3			03/28/25 19:47	1
3-Chloropropene	ND		1.6	0.25	ug/m3			03/28/25 19:47	1
Methylene Chloride	ND		1.7	0.66	ug/m3			03/28/25 19:47	1
tert-Butyl alcohol	ND		15	4.9	ug/m3			03/28/25 19:47	1
Methyl tert-butyl ether	ND		0.72	0.24	ug/m3			03/28/25 19:47	1
trans-1,2-Dichloroethene	ND		0.79	0.079	ug/m3			03/28/25 19:47	1
n-Hexane	ND		1.8	0.56	ug/m3			03/28/25 19:47	1
1,1-Dichloroethane	ND		0.81	0.073	ug/m3			03/28/25 19:47	1
Methyl Ethyl Ketone	**1.2**	**J**	1.5	0.41	ug/m3			03/28/25 19:47	1
cis-1,2-Dichloroethene	**0.17**	**J**	0.79	0.13	ug/m3			03/28/25 19:47	1
1,2-Dichloroethene, Total	**0.17**	**J**	1.6	0.079	ug/m3			03/28/25 19:47	1
Chloroform	ND		0.98	0.29	ug/m3			03/28/25 19:47	1
Tetrahydrofuran	ND		15	5.0	ug/m3			03/28/25 19:47	1
1,1,1-Trichloroethane	ND		1.1	0.40	ug/m3			03/28/25 19:47	1
Cyclohexane	ND		0.69	0.18	ug/m3			03/28/25 19:47	1
Carbon tetrachloride	ND		1.3	0.15	ug/m3			03/28/25 19:47	1
2,2,4-Trimethylpentane	ND		0.93	0.33	ug/m3			03/28/25 19:47	1
Benzene	ND		0.64	0.16	ug/m3			03/28/25 19:47	1
1,2-Dichloroethane	ND		0.81	0.30	ug/m3			03/28/25 19:47	1
n-Heptane	ND		0.82	0.35	ug/m3			03/28/25 19:47	1
Trichloroethene	ND		1.1	0.16	ug/m3			03/28/25 19:47	1
Methyl methacrylate	ND		2.0	0.53	ug/m3			03/28/25 19:47	1
1,2-Dichloropropane	ND		0.92	0.25	ug/m3			03/28/25 19:47	1
1,4-Dioxane	ND		18	0.68	ug/m3			03/28/25 19:47	1
Bromodichloromethane	ND		1.3	0.39	ug/m3			03/28/25 19:47	1
cis-1,3-Dichloropropene	ND		0.91	0.25	ug/m3			03/28/25 19:47	1
methyl isobutyl ketone	ND		2.0	0.78	ug/m3			03/28/25 19:47	1
Toluene	ND		0.75	0.20	ug/m3			03/28/25 19:47	1
trans-1,3-Dichloropropene	ND		0.91	0.28	ug/m3			03/28/25 19:47	1
1,1,2-Trichloroethane	ND		1.1	0.29	ug/m3			03/28/25 19:47	1
Tetrachloroethene	ND		1.4	0.24	ug/m3			03/28/25 19:47	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.82	ug/m3			03/28/25 19:47	1
Dibromochloromethane	ND		1.7	0.45	ug/m3			03/28/25 19:47	1

Client Sample ID: 7E-IA-2-031925
Lab Sample ID: 480-228117-7

Date Collected: 03/19/25 17:15
Matrix: Air
Date Received: 03/21/25 10:40
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		1.5	0.35	ug/m3			03/28/25 19:47	1
Chlorobenzene	ND		0.92	0.22	ug/m3			03/28/25 19:47	1
Ethylbenzene	ND		0.87	0.22	ug/m3			03/28/25 19:47	1
m,p-Xylene	ND		2.2	0.061	ug/m3			03/28/25 19:47	1
Xylene, o-	ND		0.87	0.30	ug/m3			03/28/25 19:47	1
Xylene (total)	ND		3.0	0.061	ug/m3			03/28/25 19:47	1
Styrene	ND		0.85	0.24	ug/m3			03/28/25 19:47	1
Bromoform	ND		2.1	0.60	ug/m3			03/28/25 19:47	1
Cumene	ND		0.98	0.35	ug/m3			03/28/25 19:47	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.42	ug/m3			03/28/25 19:47	1
n-Propylbenzene	ND		0.98	0.30	ug/m3			03/28/25 19:47	1
4-Ethyltoluene	ND		0.98	0.33	ug/m3			03/28/25 19:47	1
1,3,5-Trimethylbenzene	ND		0.98	0.33	ug/m3			03/28/25 19:47	1
2-Chlorotoluene	ND		1.0	0.30	ug/m3			03/28/25 19:47	1
tert-Butylbenzene	ND		1.1	0.38	ug/m3			03/28/25 19:47	1
1,2,4-Trimethylbenzene	ND		0.98	0.40	ug/m3			03/28/25 19:47	1
sec-Butylbenzene	ND		1.1	0.40	ug/m3			03/28/25 19:47	1
4-Isopropyltoluene	ND		1.1	0.43	ug/m3			03/28/25 19:47	1
1,3-Dichlorobenzene	ND		1.2	0.38	ug/m3			03/28/25 19:47	1
1,4-Dichlorobenzene	ND		1.2	0.42	ug/m3			03/28/25 19:47	1
Benzyl chloride	ND		1.0	0.38	ug/m3			03/28/25 19:47	1
n-Butylbenzene	ND		1.1	0.38	ug/m3			03/28/25 19:47	1
1,2-Dichlorobenzene	ND		1.2	0.40	ug/m3			03/28/25 19:47	1
1,2,4-Trichlorobenzene	ND		3.7	2.2	ug/m3			03/28/25 19:47	1
Hexachlorobutadiene	ND		2.1	0.83	ug/m3			03/28/25 19:47	1
Naphthalene	ND		2.6	0.58	ug/m3			03/28/25 19:47	1

Client Sample ID: OA-2-031925
Lab Sample ID: 480-228117-8

Date Collected: 03/19/25 16:34
Matrix: Air
Date Received: 03/21/25 10:40
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		2.8	1.2	ug/m3			03/28/25 20:45	1.12
Freon 22	ND		2.0	1.4	ug/m3			03/28/25 20:45	1.12
1,2-Dichlorotetrafluoroethane	ND		1.6	0.60	ug/m3			03/28/25 20:45	1.12
Chloromethane	**1.1**	**J**	1.2	0.76	ug/m3			03/28/25 20:45	1.12
n-Butane	**1.6**		1.3	0.83	ug/m3			03/28/25 20:45	1.12
Vinyl chloride	ND		0.57	0.083	ug/m3			03/28/25 20:45	1.12
1,3-Butadiene	ND		0.50	0.099	ug/m3			03/28/25 20:45	1.12
Bromomethane	ND		0.87	0.27	ug/m3			03/28/25 20:45	1.12
Chloroethane	ND		1.5	0.47	ug/m3			03/28/25 20:45	1.12
Bromoethene(Vinyl Bromide)	ND		0.98	0.24	ug/m3			03/28/25 20:45	1.12
Trichlorofluoromethane	**1.1**	**J**	1.3	0.48	ug/m3			03/28/25 20:45	1.12
Freon TF	ND		1.7	0.49	ug/m3			03/28/25 20:45	1.12
1,1-Dichloroethene	ND		0.89	0.16	ug/m3			03/28/25 20:45	1.12
Acetone	**8.5**	**J**	13	5.1	ug/m3			03/28/25 20:45	1.12
Isopropyl alcohol	ND		14	6.1	ug/m3			03/28/25 20:45	1.12

Client Sample ID: OA-2-031925
Date Collected: 03/19/25 16:34
Date Received: 03/21/25 10:40
Sample Container: Summa Canister 6L

Lab Sample ID: 480-228117-8
Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	**1.3**	**J**	1.7	0.63	ug/m3			03/28/25 20:45	1.12
3-Chloropropene	ND		1.8	0.28	ug/m3			03/28/25 20:45	1.12
Methylene Chloride	ND		1.9	0.74	ug/m3			03/28/25 20:45	1.12
tert-Butyl alcohol	ND		17	5.4	ug/m3			03/28/25 20:45	1.12
Methyl tert-butyl ether	ND		0.81	0.27	ug/m3			03/28/25 20:45	1.12
trans-1,2-Dichloroethene	ND		0.89	0.089	ug/m3			03/28/25 20:45	1.12
n-Hexane	ND		2.0	0.63	ug/m3			03/28/25 20:45	1.12
1,1-Dichloroethane	ND		0.91	0.082	ug/m3			03/28/25 20:45	1.12
Methyl Ethyl Ketone	**0.85**	**J**	1.7	0.46	ug/m3			03/28/25 20:45	1.12
cis-1,2-Dichloroethene	ND		0.89	0.14	ug/m3			03/28/25 20:45	1.12
1,2-Dichloroethene, Total	ND		1.8	0.089	ug/m3			03/28/25 20:45	1.12
Chloroform	ND		1.1	0.32	ug/m3			03/28/25 20:45	1.12
Tetrahydrofuran	ND		17	5.6	ug/m3			03/28/25 20:45	1.12
1,1,1-Trichloroethane	ND		1.2	0.45	ug/m3			03/28/25 20:45	1.12
Cyclohexane	ND		0.77	0.20	ug/m3			03/28/25 20:45	1.12
Carbon tetrachloride	**0.37**	**J**	1.4	0.17	ug/m3			03/28/25 20:45	1.12
2,2,4-Trimethylpentane	ND		1.0	0.37	ug/m3			03/28/25 20:45	1.12
Benzene	**0.34**	**J**	0.72	0.18	ug/m3			03/28/25 20:45	1.12
1,2-Dichloroethane	ND		0.91	0.34	ug/m3			03/28/25 20:45	1.12
n-Heptane	ND		0.92	0.39	ug/m3			03/28/25 20:45	1.12
Trichloroethene	ND		1.2	0.17	ug/m3			03/28/25 20:45	1.12
Methyl methacrylate	ND		2.3	0.60	ug/m3			03/28/25 20:45	1.12
1,2-Dichloropropane	ND		1.0	0.28	ug/m3			03/28/25 20:45	1.12
1,4-Dioxane	ND		20	0.77	ug/m3			03/28/25 20:45	1.12
Bromodichloromethane	ND		1.5	0.44	ug/m3			03/28/25 20:45	1.12
cis-1,3-Dichloropropene	ND		1.0	0.28	ug/m3			03/28/25 20:45	1.12
methyl isobutyl ketone	ND		2.3	0.87	ug/m3			03/28/25 20:45	1.12
Toluene	**0.63**	**J**	0.84	0.23	ug/m3			03/28/25 20:45	1.12
trans-1,3-Dichloropropene	ND		1.0	0.32	ug/m3			03/28/25 20:45	1.12
1,1,2-Trichloroethane	ND		1.2	0.32	ug/m3			03/28/25 20:45	1.12
Tetrachloroethene	ND		1.5	0.27	ug/m3			03/28/25 20:45	1.12
Methyl Butyl Ketone (2-Hexanone)	ND		2.3	0.92	ug/m3			03/28/25 20:45	1.12
Dibromochloromethane	ND		1.9	0.51	ug/m3			03/28/25 20:45	1.12
1,2-Dibromoethane	ND		1.7	0.39	ug/m3			03/28/25 20:45	1.12
Chlorobenzene	ND		1.0	0.24	ug/m3			03/28/25 20:45	1.12
Ethylbenzene	ND		0.97	0.25	ug/m3			03/28/25 20:45	1.12
m,p-Xylene	**0.26**	**J**	2.4	0.068	ug/m3			03/28/25 20:45	1.12
Xylene, o-	ND		0.97	0.34	ug/m3			03/28/25 20:45	1.12
Xylene (total)	**0.26**	**J**	3.4	0.068	ug/m3			03/28/25 20:45	1.12
Styrene	ND		0.95	0.27	ug/m3			03/28/25 20:45	1.12
Bromoform	ND		2.3	0.67	ug/m3			03/28/25 20:45	1.12
Cumene	ND		1.1	0.40	ug/m3			03/28/25 20:45	1.12
1,1,2,2-Tetrachloroethane	ND		1.5	0.47	ug/m3			03/28/25 20:45	1.12
n-Propylbenzene	ND		1.1	0.34	ug/m3			03/28/25 20:45	1.12
4-Ethyltoluene	ND		1.1	0.37	ug/m3			03/28/25 20:45	1.12
1,3,5-Trimethylbenzene	ND		1.1	0.37	ug/m3			03/28/25 20:45	1.12
2-Chlorotoluene	ND		1.2	0.34	ug/m3			03/28/25 20:45	1.12
tert-Butylbenzene	ND		1.2	0.43	ug/m3			03/28/25 20:45	1.12

Client: GHD Services Inc.
Job ID: 480-228117-1
Project/Site: 12616852, GM-Lockport Air 256042

Client Sample ID: OA-2-031925
Lab Sample ID: 480-228117-8
Date Collected: 03/19/25 16:34
Matrix: Air
Date Received: 03/21/25 10:40
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	ND		1.1	0.45	ug/m3			03/28/25 20:45	1.12
sec-Butylbenzene	ND		1.2	0.44	ug/m3			03/28/25 20:45	1.12
4-Isopropyltoluene	ND		1.2	0.48	ug/m3			03/28/25 20:45	1.12
1,3-Dichlorobenzene	ND		1.3	0.42	ug/m3			03/28/25 20:45	1.12
1,4-Dichlorobenzene	ND		1.3	0.47	ug/m3			03/28/25 20:45	1.12
Benzyl chloride	ND		1.2	0.43	ug/m3			03/28/25 20:45	1.12
n-Butylbenzene	ND		1.2	0.43	ug/m3			03/28/25 20:45	1.12
1,2-Dichlorobenzene	ND		1.3	0.44	ug/m3			03/28/25 20:45	1.12
1,2,4-Trichlorobenzene	ND		4.2	2.5	ug/m3			03/28/25 20:45	1.12
Hexachlorobutadiene	ND		2.4	0.93	ug/m3			03/28/25 20:45	1.12
Naphthalene	ND		2.9	0.65	ug/m3			03/28/25 20:45	1.12

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Lab Sample ID: MB 200-214659/6
Matrix: Air
Analysis Batch: 214659

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		2.5	1.1	ug/m3			03/28/25 13:48	1
Freon 22	ND		1.8	1.3	ug/m3			03/28/25 13:48	1
1,2-Dichlorotetrafluoroethane	ND		1.4	0.53	ug/m3			03/28/25 13:48	1
Chloromethane	ND		1.0	0.68	ug/m3			03/28/25 13:48	1
n-Butane	ND		1.2	0.74	ug/m3			03/28/25 13:48	1
Vinyl chloride	ND		0.51	0.074	ug/m3			03/28/25 13:48	1
1,3-Butadiene	ND		0.44	0.088	ug/m3			03/28/25 13:48	1
Bromomethane	ND		0.78	0.24	ug/m3			03/28/25 13:48	1
Chloroethane	ND		1.3	0.42	ug/m3			03/28/25 13:48	1
Bromoethene(Vinyl Bromide)	ND		0.87	0.21	ug/m3			03/28/25 13:48	1
Trichlorofluoromethane	ND		1.1	0.43	ug/m3			03/28/25 13:48	1
Freon TF	ND		1.5	0.44	ug/m3			03/28/25 13:48	1
1,1-Dichloroethene	ND		0.79	0.14	ug/m3			03/28/25 13:48	1
Acetone	ND		12	4.5	ug/m3			03/28/25 13:48	1
Isopropyl alcohol	ND		12	5.4	ug/m3			03/28/25 13:48	1
Carbon disulfide	ND		1.6	0.56	ug/m3			03/28/25 13:48	1
3-Chloropropene	ND		1.6	0.25	ug/m3			03/28/25 13:48	1
Methylene Chloride	ND		1.7	0.66	ug/m3			03/28/25 13:48	1
tert-Butyl alcohol	ND		15	4.9	ug/m3			03/28/25 13:48	1
Methyl tert-butyl ether	ND		0.72	0.24	ug/m3			03/28/25 13:48	1
trans-1,2-Dichloroethene	ND		0.79	0.079	ug/m3			03/28/25 13:48	1
n-Hexane	ND		1.8	0.56	ug/m3			03/28/25 13:48	1
1,1-Dichloroethane	ND		0.81	0.073	ug/m3			03/28/25 13:48	1
Methyl Ethyl Ketone	ND		1.5	0.41	ug/m3			03/28/25 13:48	1
cis-1,2-Dichloroethene	ND		0.79	0.13	ug/m3			03/28/25 13:48	1
1,2-Dichloroethene, Total	ND		1.6	0.079	ug/m3			03/28/25 13:48	1
Chloroform	ND		0.98	0.29	ug/m3			03/28/25 13:48	1
Tetrahydrofuran	ND		15	5.0	ug/m3			03/28/25 13:48	1
1,1,1-Trichloroethane	ND		1.1	0.40	ug/m3			03/28/25 13:48	1
Cyclohexane	ND		0.69	0.18	ug/m3			03/28/25 13:48	1
Carbon tetrachloride	ND		1.3	0.15	ug/m3			03/28/25 13:48	1
2,2,4-Trimethylpentane	ND		0.93	0.33	ug/m3			03/28/25 13:48	1
Benzene	ND		0.64	0.16	ug/m3			03/28/25 13:48	1
1,2-Dichloroethane	ND		0.81	0.30	ug/m3			03/28/25 13:48	1
n-Heptane	ND		0.82	0.35	ug/m3			03/28/25 13:48	1
Trichloroethene	ND		1.1	0.16	ug/m3			03/28/25 13:48	1
Methyl methacrylate	ND		2.0	0.53	ug/m3			03/28/25 13:48	1
1,2-Dichloropropane	ND		0.92	0.25	ug/m3			03/28/25 13:48	1
1,4-Dioxane	ND		18	0.68	ug/m3			03/28/25 13:48	1
Bromodichloromethane	ND		1.3	0.39	ug/m3			03/28/25 13:48	1
cis-1,3-Dichloropropene	ND		0.91	0.25	ug/m3			03/28/25 13:48	1
methyl isobutyl ketone	ND		2.0	0.78	ug/m3			03/28/25 13:48	1
Toluene	ND		0.75	0.20	ug/m3			03/28/25 13:48	1
trans-1,3-Dichloropropene	ND		0.91	0.28	ug/m3			03/28/25 13:48	1
1,1,2-Trichloroethane	ND		1.1	0.29	ug/m3			03/28/25 13:48	1
Tetrachloroethene	ND		1.4	0.24	ug/m3			03/28/25 13:48	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.82	ug/m3			03/28/25 13:48	1
Dibromochloromethane	ND		1.7	0.45	ug/m3			03/28/25 13:48	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-214659/6
Matrix: Air
Analysis Batch: 214659

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		1.5	0.35	ug/m3			03/28/25 13:48	1
Chlorobenzene	ND		0.92	0.22	ug/m3			03/28/25 13:48	1
Ethylbenzene	ND		0.87	0.22	ug/m3			03/28/25 13:48	1
m,p-Xylene	ND		2.2	0.061	ug/m3			03/28/25 13:48	1
Xylene, o-	ND		0.87	0.30	ug/m3			03/28/25 13:48	1
Xylene (total)	ND		3.0	0.061	ug/m3			03/28/25 13:48	1
Styrene	ND		0.85	0.24	ug/m3			03/28/25 13:48	1
Bromoform	ND		2.1	0.60	ug/m3			03/28/25 13:48	1
Cumene	ND		0.98	0.35	ug/m3			03/28/25 13:48	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.42	ug/m3			03/28/25 13:48	1
n-Propylbenzene	ND		0.98	0.30	ug/m3			03/28/25 13:48	1
4-Ethyltoluene	ND		0.98	0.33	ug/m3			03/28/25 13:48	1
1,3,5-Trimethylbenzene	ND		0.98	0.33	ug/m3			03/28/25 13:48	1
2-Chlorotoluene	ND		1.0	0.30	ug/m3			03/28/25 13:48	1
tert-Butylbenzene	ND		1.1	0.38	ug/m3			03/28/25 13:48	1
1,2,4-Trimethylbenzene	ND		0.98	0.40	ug/m3			03/28/25 13:48	1
sec-Butylbenzene	ND		1.1	0.40	ug/m3			03/28/25 13:48	1
4-Isopropyltoluene	ND		1.1	0.43	ug/m3			03/28/25 13:48	1
1,3-Dichlorobenzene	ND		1.2	0.38	ug/m3			03/28/25 13:48	1
1,4-Dichlorobenzene	ND		1.2	0.42	ug/m3			03/28/25 13:48	1
Benzyl chloride	ND		1.0	0.38	ug/m3			03/28/25 13:48	1
n-Butylbenzene	ND		1.1	0.38	ug/m3			03/28/25 13:48	1
1,2-Dichlorobenzene	ND		1.2	0.40	ug/m3			03/28/25 13:48	1
1,2,4-Trichlorobenzene	ND		3.7	2.2	ug/m3			03/28/25 13:48	1
Hexachlorobutadiene	ND		2.1	0.83	ug/m3			03/28/25 13:48	1
Naphthalene	ND		2.6	0.58	ug/m3			03/28/25 13:48	1

Lab Sample ID: LCS 200-214659/4
Matrix: Air
Analysis Batch: 214659

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dichlorodifluoromethane	49.4	45.2		ug/m3		91	61 - 142
Freon 22	35.4	31.3		ug/m3		89	60 - 147
1,2-Dichlorotetrafluoroethane	69.9	65.0		ug/m3		93	71 - 141
Chloromethane	20.6	17.7		ug/m3		86	56 - 141
n-Butane	23.8	20.7		ug/m3		87	53 - 151
Vinyl chloride	25.6	24.0		ug/m3		94	61 - 135
1,3-Butadiene	22.1	21.4		ug/m3		97	58 - 139
Bromomethane	38.8	35.8		ug/m3		92	72 - 124
Chloroethane	26.4	23.0		ug/m3		87	68 - 130
Bromoethene(Vinyl Bromide)	43.7	40.7		ug/m3		93	75 - 125
Trichlorofluoromethane	56.2	53.0		ug/m3		94	70 - 129
Freon TF	76.6	71.2		ug/m3		93	70 - 121
1,1-Dichloroethene	39.6	35.5		ug/m3		89	68 - 120
Acetone	23.7	20.2		ug/m3		85	54 - 154
Isopropyl alcohol	24.6	23.2		ug/m3		95	53 - 142
Carbon disulfide	31.1	27.0		ug/m3		87	71 - 138
3-Chloropropene	31.3	25.8		ug/m3		83	50 - 150

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-214659/4
Matrix: Air
Analysis Batch: 214659

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methylene Chloride	34.7	29.1		ug/m3		84	59 - 137
tert-Butyl alcohol	30.3	25.5		ug/m3		84	66 - 132
Methyl tert-butyl ether	36.0	32.2		ug/m3		89	70 - 127
trans-1,2-Dichloroethene	39.6	36.2		ug/m3		91	69 - 137
n-Hexane	35.2	29.9		ug/m3		85	63 - 138
1,1-Dichloroethane	40.5	36.0		ug/m3		89	66 - 130
Methyl Ethyl Ketone	29.5	22.2		ug/m3		75	72 - 124
cis-1,2-Dichloroethene	39.6	36.1		ug/m3		91	72 - 121
Chloroform	48.8	44.4		ug/m3		91	73 - 124
Tetrahydrofuran	29.5	24.2		ug/m3		82	60 - 149
1,1,1-Trichloroethane	54.6	50.6		ug/m3		93	72 - 127
Cyclohexane	34.4	30.7		ug/m3		89	76 - 124
Carbon tetrachloride	62.9	62.5		ug/m3		99	71 - 133
2,2,4-Trimethylpentane	46.7	40.2		ug/m3		86	68 - 131
Benzene	31.9	28.4		ug/m3		89	73 - 119
1,2-Dichloroethane	40.5	36.8		ug/m3		91	68 - 135
n-Heptane	41.0	34.4		ug/m3		84	60 - 142
Trichloroethene	53.7	50.0		ug/m3		93	73 - 122
Methyl methacrylate	40.9	35.7		ug/m3		87	73 - 129
1,2-Dichloropropane	46.2	40.3		ug/m3		87	69 - 128
1,4-Dioxane	36.0	34.3		ug/m3		95	66 - 129
Bromodichloromethane	67.0	61.4		ug/m3		92	75 - 127
cis-1,3-Dichloropropene	45.4	40.9		ug/m3		90	74 - 125
methyl isobutyl ketone	41.0	34.0		ug/m3		83	58 - 144
Toluene	37.7	35.0		ug/m3		93	75 - 122
trans-1,3-Dichloropropene	45.4	41.3		ug/m3		91	74 - 128
1,1,2-Trichloroethane	54.6	50.0		ug/m3		92	75 - 126
Tetrachloroethene	67.8	68.5		ug/m3		101	70 - 125
Methyl Butyl Ketone (2-Hexanone)	41.0	34.9		ug/m3		85	57 - 143
Dibromochloromethane	85.2	84.7		ug/m3		99	73 - 125
1,2-Dibromoethane	76.8	72.9		ug/m3		95	78 - 122
Chlorobenzene	46.0	43.3		ug/m3		94	76 - 119
Ethylbenzene	43.4	40.3		ug/m3		93	74 - 122
m,p-Xylene	86.8	82.3		ug/m3		95	76 - 121
Xylene, o-	43.4	40.9		ug/m3		94	73 - 123
Styrene	42.6	40.8		ug/m3		96	74 - 125
Bromoform	103	104		ug/m3		100	53 - 149
Cumene	49.1	46.6		ug/m3		95	73 - 123
1,1,2,2-Tetrachloroethane	68.6	62.1		ug/m3		90	74 - 126
n-Propylbenzene	49.1	45.6		ug/m3		93	73 - 127
4-Ethyltoluene	49.2	46.7		ug/m3		95	75 - 129
1,3,5-Trimethylbenzene	49.2	47.3		ug/m3		96	72 - 126
2-Chlorotoluene	51.8	47.8		ug/m3		92	74 - 126
tert-Butylbenzene	54.9	52.5		ug/m3		96	71 - 125
1,2,4-Trimethylbenzene	49.2	46.7		ug/m3		95	71 - 129
sec-Butylbenzene	54.9	51.9		ug/m3		95	70 - 128
4-Isopropyltoluene	54.9	52.7		ug/m3		96	68 - 130
1,3-Dichlorobenzene	60.1	59.1		ug/m3		98	69 - 131

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-214659/4
Matrix: Air
Analysis Batch: 214659

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,4-Dichlorobenzene	60.1	58.5		ug/m3		97	67 - 132
Benzyl chloride	51.8	48.1		ug/m3		93	60 - 136
n-Butylbenzene	54.9	51.4		ug/m3		94	65 - 137
1,2-Dichlorobenzene	60.1	58.4		ug/m3		97	68 - 129
1,2,4-Trichlorobenzene	74.2	75.3		ug/m3		102	50 - 150
Hexachlorobutadiene	107	105		ug/m3		99	58 - 130
Naphthalene	52.4	52.7		ug/m3		100	50 - 150

QC Association Summary

Client: GHD Services Inc.
Project/Site: 12616852, GM-Lockport Air 256042

Job ID: 480-228117-1

Air - GC/MS VOA

Analysis Batch: 214659

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-228117-1	7W-IA-1-031925	Total/NA	Air	TO-15	
480-228117-2	7W-IA-2-031925	Total/NA	Air	TO-15	
480-228117-3	7W-IA-3-031925	Total/NA	Air	TO-15	
480-228117-4	7W-IA-4-031925	Total/NA	Air	TO-15	
480-228117-5	7W-IA-5-031925	Total/NA	Air	TO-15	
480-228117-6	7E-IA-1-031925	Total/NA	Air	TO-15	
480-228117-7	7E-IA-2-031925	Total/NA	Air	TO-15	
480-228117-8	OA-2-031925	Total/NA	Air	TO-15	
MB 200-214659/6	Method Blank	Total/NA	Air	TO-15	
LCS 200-214659/4	Lab Control Sample	Total/NA	Air	TO-15	

Lab Chronicle

Client: GHD Services Inc.
Job ID: 480-228117-1
Project/Site: 12616852, GM-Lockport Air 256042

Client Sample ID: 7W-IA-1-031925
Lab Sample ID: 480-228117-1
Date Collected: 03/19/25 16:53
Matrix: Air
Date Received: 03/21/25 10:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	214659	A1B	EET BUR	03/28/25 14:39

Client Sample ID: 7W-IA-2-031925
Lab Sample ID: 480-228117-2
Date Collected: 03/19/25 14:03
Matrix: Air
Date Received: 03/21/25 10:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	214659	A1B	EET BUR	03/28/25 15:29

Client Sample ID: 7W-IA-3-031925
Lab Sample ID: 480-228117-3
Date Collected: 03/19/25 17:00
Matrix: Air
Date Received: 03/21/25 10:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	214659	A1B	EET BUR	03/28/25 16:21

Client Sample ID: 7W-IA-4-031925
Lab Sample ID: 480-228117-4
Date Collected: 03/19/25 17:04
Matrix: Air
Date Received: 03/21/25 10:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	214659	A1B	EET BUR	03/28/25 17:12

Client Sample ID: 7W-IA-5-031925
Lab Sample ID: 480-228117-5
Date Collected: 03/19/25 17:08
Matrix: Air
Date Received: 03/21/25 10:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	214659	A1B	EET BUR	03/28/25 18:03

Client Sample ID: 7E-IA-1-031925
Lab Sample ID: 480-228117-6
Date Collected: 03/19/25 17:13
Matrix: Air
Date Received: 03/21/25 10:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	214659	A1B	EET BUR	03/28/25 18:56

Client Sample ID: 7E-IA-2-031925
Lab Sample ID: 480-228117-7
Date Collected: 03/19/25 17:15
Matrix: Air
Date Received: 03/21/25 10:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	214659	A1B	EET BUR	03/28/25 19:47

Lab Chronicle

Client: GHD Services Inc.
Project/Site: 12616852, GM-Lockport Air 256042

Job ID: 480-228117-1

Client Sample ID: OA-2-031925

Date Collected: 03/19/25 16:34
Date Received: 03/21/25 10:40

Lab Sample ID: 480-228117-8

Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1.12	214659	A1B	EET BUR	03/28/25 20:45

Laboratory References:

EET BUR = Eurofins Burlington, 530 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Accreditation/Certification Summary

Client: GHD Services Inc.
Job ID: 480-228117-1
Project/Site: 12616852, GM-Lockport Air 256042

Laboratory: Eurofins Burlington

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10391	03-31-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
TO-15		Air	1,2-Dichloroethene, Total
TO-15		Air	4-Ethyltoluene
TO-15		Air	4-Isopropyltoluene
TO-15		Air	Freon 22
TO-15		Air	Methyl Butyl Ketone (2-Hexanone)
TO-15		Air	n-Butane
TO-15		Air	n-Butylbenzene
TO-15		Air	n-Propylbenzene
TO-15		Air	sec-Butylbenzene
TO-15		Air	tert-Butylbenzene
TO-15		Air	Tetrahydrofuran

Method Summary

Client: GHD Services Inc.
Project/Site: 12616852, GM-Lockport Air 256042

Job ID: 480-228117-1

Method	Method Description	Protocol	Laboratory
TO-15	Volatile Organic Compounds in Ambient Air	EPA	EET BUR

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

EET BUR = Eurofins Burlington, 530 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Sample Summary

Client: GHD Services Inc.
Job ID: 480-228117-1
Project/Site: 12616852, GM-Lockport Air 256042

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-228117-1	7W-IA-1-031925	Air	03/19/25 16:53	03/21/25 10:40	Air Canister (6-Liter) #4947
480-228117-2	7W-IA-2-031925	Air	03/19/25 14:03	03/21/25 10:40	Air Canister (6-Liter) #34001427
480-228117-3	7W-IA-3-031925	Air	03/19/25 17:00	03/21/25 10:40	Air Canister (6-Liter) #34002024
480-228117-4	7W-IA-4-031925	Air	03/19/25 17:04	03/21/25 10:40	Air Canister (6-Liter) #4010
480-228117-5	7W-IA-5-031925	Air	03/19/25 17:08	03/21/25 10:40	Air Canister (6-Liter) #2699
480-228117-6	7E-IA-1-031925	Air	03/19/25 17:13	03/21/25 10:40	Air Canister (6-Liter) #3627
480-228117-7	7E-IA-2-031925	Air	03/19/25 17:15	03/21/25 10:40	Air Canister (6-Liter) #5403
480-228117-8	OA-2-031925	Air	03/19/25 16:34	03/21/25 10:40	Air Canister (6-Liter) #2789

Post-Sampling Air Canister Pressure Check Record

Login # (w/ Location Code)	Analyst	Date	Time (Military)	Lab BP ("Hg)	Lab Temp (°C)	Pressure Gauge ID
480-228117	JR	3/22/2025	15:33	29.3	21	G36

Sampling Information and Return Equipment Check	Yes	N o	Comments
(1) Is a Field Test Data Sheet (FTDS) or similar sampling documentation present?	Yes		
(2) Is the flow controller ID used for each canister recorded?	Yes		
(3) MA MCP & NJ DKQP: Check return flow rate for flow controllers		N o	
(4) Is visible sign of damage to canister and/or flow controller (FC) present?		N o	
If damage observed, list equipment IDs and describe condition:			

Laboratory	Canister ID	Pressure Hg" [1]	Fail (Y/N)[2]	Sampling FC ID[3]	FC Check Reference	Return (Y/N)	Can Cert	Comments
480-228117-A-1	4947	-5.5	N	3107	06/61	Y	3630-64277	
480-228117-A-2	34001427	-5.7	N	3987	06/62	Y	3087-64133	
480-228117-A-3	34002024	-8.1	N	3120	06/62	Y	3081-64253	
480-228117-A-4	4010	-7.3	N	3946	06/58	Y	3630-64277	
480-228117-A-5	2699	-9.0	N	6552	06/62	Y	3081-64253	
480-228117-A-6	3627	-16.7	Y	5175	06/62	Y	4121-64158	
480-228117-A-7	5403	-8.7	N	6550	06/61	Y	3630-64277	
480-228117-A-8	2789	-22.6	Y	4057	06/62	Y	3081-64253	

[1] Criteria: Return Pressure should be between -1 and -12 ("Hg) with the exception of grab samples.
Grab samples, or if using 100 or 200mL/minute flow controllers, must be returned at no lower than -12"Hg, but have no other specific criteria.

[2] If return pressure is not within criteria, initiate Non-conformance Memo

[3] Subtact the retrun pressure from the final field pressure reading recorded on the FTDS.

[4] The difference should be less than ± 2.3 ("Hg), if it is not, initiate Non-conformance Memo.

[5] Record the ID of the FC used for sampling if information is provided, otherwise leave blank.

Eurofins TestAmerica, Burlington
530 Community Drive
Suite 11
South Burlington, VT 05403-6809
phone 802.660.1990 fax 802.660.1919

Canister Samples Chain of Custody Record

TestAmerica Laboratories, Inc. assumes no liability with respect to the collection and shipment of these samples.

480-228117 Chain of Custody

Test

Client Contact Information	**Client Project Manager:** Thomas Bohler	**Samples Collected By:** Morgan Brown
Company Name: GZA	**Phone:**	Morgan.brown@gza.com
Address: 300 Pearl Street, Suite 700	**Email:** thomas.bohler@gza.com	COC No: 1 of 1 COCs
City/State/Zip: Buffalo, NY, 14202		TALS Project #:
Phone: 716 503 3717	**Site Contact:** Morgan Brown	**For Lab Use Only:**
FAX:	**Tel/Fax** 716 503 5717	Walk-in Client:
Project Name: GM Lockport	**Analysis Turnaround Time**	Lab Sampling:
Site/Location: 700 Upper Mtn Road	Standard (Specific):	Job / SDG No.:
P O # 12616852	Rush (Specifiy):	(See below for Add'l Items)

Sample Identification	Sample Start Date	Time Start	Sample End Date	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-14/15 (Standard / Low Level)	TO-15 SIM	EPA 3C	EPA 25C	ASTM D-1946	EPA 15/16	Other (Please specify in notes section)	Sample Type	Indoor Air/Ambient Air	Sub-Slab	Soil Gas	Soil Vapor Extraction (SVE)	Landfill Gas	Other (Please specify in notes section)	Sample Specific Notes:
7W-1A-1-031925	3/19/25	0853	3/19/25	1653	30	5	3107	4947		X							X						Indoor Air
7W-1A-2-031925		0855		1403	29	5	3987	34001427		X							X						
7W-1A-3-031925		0900		1700	29	8	3120	3400 2024		X							X						
7W-1A-4-031925		0904		1704	29	7	3946	4010		X							X						
7W-1A-5-031925		0908		1908	29	9	6552	2699		X							X						
7E-1A-1-031925		0913		1713	30	17	8627	5175		X							X						
7E-1A-2-031925		0915		1715	30	9	6550	5403		X							X						
OA-2-031925		0834		1634	30	22	4507	2759	X								X						Ambient Air
																							See D. Heckler for reporting

	Temperature (Fahrenheit)			
Start	Interior 70	Ambient 49		
Stop	70	73		
	Pressure (inches of Hg)			
Start	Interior 29.81	Ambient 29.81		
Stop	29.66	29.66		

Special Instructions/QC Requirements & Comments:

Samples Shipped by: (FedEx)	**Date / Time:** 3/19/25 1800	**Samples Received by:** ETA BUN 3/21/25 1040
Samples Relinquished by:	**Date / Time:**	**Received by:**
Relinquished by:	**Date / Time:**	**Received by:**
Lab Use Only: **Shipper Name:**	**Opened by:**	**Condition:**

Form No. CA-C-WI-003, Rev. 2.28, dated 1/8/2021



ORIGIN ID:BTVA (716) 844-7050
TOM BOHLEN
GZA GEOENVIRONMENTAL, INC.
300 PEARL STREET, SUITE 700

BUFFALO, NY 14202
UNITED STATES US

SHIP DATE: 13MAR25
ACTWGT: 10.00 LB MAN
CAD: 000890364/CAFE3904

TO SAMPLE MANAGEMENT
EUROFINS TESTAMERICA BURLINGTON
30 COMMUNITY DRIVE
SUITE 11
SOUTH BURLINGTON VT 05403
(802) 923-1058
REF: S480-203099

RMA:

FedEx Express

dEx THU - 20 MAR 10:30A
4412 2811 0882
PRIORITY OVERNIGHT

IN ID:BTVA (716) 844-7050
BOHLEN
GEOENVIRONMENTAL, INC.
PEARL STREET, SUITE 700

ALO, NY 14202
ED STATES US

SHIP DATE: 13MAR25
ACTWGT: 10.00 LB MAN
CAD: 000890364/CAFE3904

SAMPLE MANAGEMENT
EUROFINS TESTAMERICA BURLINGTON
30 COMMUNITY DRIVE
SUITE 11
SOUTH BURLINGTON VT 05403
) 923-1058
F: S480-203099

FedEx Express

edEx THU - 20 MAR 10:3
RK# 4412 2811 0908
PRIORITY OVERNIG

GIN ID:BTVA (716) 844-7050
BOHLEN
GEOENVIRONMENTAL, INC.
PEARL STREET, SUITE 700

FALO, NY 14202
TED STATES US

SHIP DATE: 13MAR25
ACTWGT: 10.00 LB MAN
CAD: 000890364/CAFE3904

SAMPLE MANAGEMENT
EUROFINS TESTAMERICA BURLINGTON
30 COMMUNITY DRIVE
SUITE 11
SOUTH BURLINGTON VT 05403
) 923-1058
F: S480-203099

FedEx Express

RETURNS MON-SAT
edEx THU - 20 MAR 10:30
RK# 4412 2811 0893
PRIORITY OVERNIGH

4/14/2025

Login Sample Receipt Checklist

Client: GHD Services Inc.

Job Number: 480-228117-1

Login Number: 228117
List Number: 1
Creator: Reynolds, Jamie K

List Source: Eurofins Buffalo

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	N/A	Not present
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.	N/A	Thermal preservation not required.
Cooler Temperature is acceptable.	N/A	
Cooler Temperature is recorded.	N/A	Thermal preservation not required.
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.	N/A	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Pre-Shipment Clean Canister Certification Report

Canister Cleaning & Pre-Shipment Leak Test

System ID	Max DF#	# Cycles	Cleaning Start Date/Time		System Start Temp(s):		Technician	Can Size	Certification Type:
Bottom Rack	10		2/26/2025	1500	22	22	SML	6 liter	batch

Port	Can ID	Initial[1] (psia)	Final (psia)	Diff.[3]	Final ("Hg)	Initial Reading Gauge:	Date:	Time:	Tech:	Temp:	Final Reading Gauge:	Date:	Time:	Tech:	Temp:
1	3025	Ø	Ø	Ø	29.0	GA01	2/28/25	1054	←	22.0	GA01	3/1/25	1128	←	21.0
2	34000501		Ø	Ø		GA01					GA01				
3	4943		Ø	Ø		GA01					GA01				
4	4428		Ø	Ø		GA01					GA01				
5	34001427		Ø	Ø		GA01					GA01				
6	5605		Ø	Ø		GA01					GA01				
7	5690		Ø	Ø		GA01					GA01				
8	4782		Ø	Ø		GA01					GA01				
9	5448		Ø	Ø		GA01					GA01				
10	27034	✓	Ø	Ø	✓	GA01	✓	✓	✓	✓	GA01	✓	✓	✓	✓
11	3087	Ø	Ø	Ø	29.9	GA01	3/1/25	1128	←	21.0	GA01	3/3/25	1010	←	22.0
12	8083	Ø	Ø	Ø	29.0	GA01	2/28/25	1054	←	22.0	GA01	3/1/25	1128	←	21.0

[1] Batch Certification: The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.

[3] Difference = Final Pressure - Initial Pressure . Acceptance Criteria: (1) The difference must be less than or equal to + 0.25psi. (2) Pressure readings must be at least 24 hours apart.

If time frame was not met, the PM must authorize shipment of canister **PM Authorization** **Date:**

Clean Canister Certification Analysis & Authorization of Release to Inventory

Test Method: ☐ TO15 Routine ☐ TO15 LL

Can ID	Date	Sequence	Analyst	Inventory Level 1	2	3	4	Secondary Review Limited	Review Date	Reviewer
3087	~~3/1/25~~	64133	ABT		XXXXXX				3/1/25	CC

Inventory Level 1: Individual Canister Certification (TO15LL 0.01).

Inventory Level 2: Individual or Batch Certification (TO15 0.04 ppbv).

Inventory Level 3: Individual or Batch Certification (TO15 0.2 ppbv).

Inventory Level Limited: Canisters may only be used for certain projects.

Dup Tees/Vac gauges (enter IDs if included):

Comments:

TestAmerica Burlington

200-77105-A-11
3087
Location: Air-Storage
Bottle: Summa Canister 6L
Sampled: 2/28/2025 12:00 AM 200-1980144

Loc: 200
77105
#11 A
Air-Storag

Pre-Shipment Clean Canister Certification Report

Canister Cleaning & Pre-Shipment Leak Test

System ID	Max DF#	# Cycles	Cleaning Start Date/Time		System Start Temp(s):		Technician	Can Size	Certification Type:
Top Rack	10		3/2/2025	1136	22	22	SML	6 liter	batch

Port	Can ID	Initial[1] (psia)	Final (psia)	Diff.[3]	Final ("Hg)	Initial Reading Gauge:	Date:	Time:	Tech:	Temp:	Final Reading Gauge:	Date:	Time:	Tech:	Temp:
1	2674	Ø	Ø	Ø	28.9	GA01	3/3/25	1154	←	22.0	GA01	3/10/25	0912	←	21.0
2	4121	Ø	Ø	Ø	29.4	GA01	3/6/25	0912	←	22.0	GA01	3/10/25	1420	←	21.0
3	2988	Ø	Ø	Ø	28.9	GA01	3/3/25	1154	←	22.0	GA01	3/6/25	0912	←	21.0
4	5116		Ø	Ø		GA01					GA01				
5	5053		Ø	Ø		GA01					GA01				
6	3627		Ø	Ø		GA01					GA01				
7	5687		Ø	Ø		GA01					GA01				
8	4777		Ø	Ø		GA01					GA01				
9	4779		1.5	1.5		GA01					GA01				
10	~~9244~~					GA01					GA01				
11	~~4447~~					GA01					GA01				
12	5045		Ø	Ø		GA01					GA01				

[1] Batch Certification: The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.

[3] Difference = Final Pressure - Initial Pressure . Acceptance Criteria: (1) The difference must be less than or equal to + 0.25psi. (2) Pressure readings must be at least 24 hours apart.

If time frame was not met, the PM must authorize shipment of canister **PM Authorization** **Date:**

Clean Canister Certification Analysis & Authorization of Release to Inventory

Test Method: ☒ TO15 Routine ☐ TO15 LL

Can ID	Date	Sequence	Analyst	Inventory Level 1	2	3	4	Secondary Review Limited	Review Date	Reviewer
4121	3/5/25	64158	KPI		XXXXXXX				3/5/25	DPB

Inventory Level 1: Individual Canister Certification (TO15LL 0.01).

Inventory Level 2: Individual or Batch Certification (TO15 0.04 ppbv).

Inventory Level 3: Individual or Batch Certification (TO15 0.2 ppbv).

Inventory Level Limited: Canisters may only be used for certain projects.

Dup Tees/Vac gauges (enter IDs if included):

Comments:

Form ID: FAI023:12
Revision Date: 12/18/2018

TestAmerica Burlington

Page 39 of 77

4/14/2025

200-77166-A-2
4121
Location: Air-Storage
Bottle: Summa Canister 6L
Sampled: 3/2/2025 12:00 AM
200-1980691

Loc: 200
77166
#2 A
Air-Storag

Pre-Shipment Clean Canister Certification Report

Canister Cleaning & Pre-Shipment Leak Test

System ID	Max DF#	# Cycles	Cleaning Start Date/Time		System Start Temp(s):		Technician	Can Size
Top Rack	10		3/11/2025	1400	21	21	SML	6 liter

Port	Can ID	Initial[1] (psia)	Final (psia)	Diff.[3]	Final ("Hg)	Initial Reading Gauge:	Date:	Time:	Tech:	Temp:	Gauge:	Fina Date:
1	2565	Ø	Ø	Ø	29.7	GA01	3/12/25	1005	←	22.0	GA01	3/13/25
2	7843		Ø	Ø		GA01					GA01	
3	34002036		Ø	Ø		GA01					GA01	
4	3968		Ø	Ø		GA01					GA01	
5	4780		Ø	Ø		GA01					GA01	
6	4947		Ø	Ø		GA01					GA01	
7	3316		Ø	Ø		GA01					GA01	
8	5403		Ø	Ø		GA01					GA01	
9	4298	↓	Ø	Ø	↓	GA01	↓	↓	↓	↓	GA01	↓
10	3630	Ø	Ø	Ø	29.5	GA01	3/13/25	1235	←	21.0	GA01	3/16/25
11	4010	Ø	Ø	Ø	29.7	GA01	3/12/25	1005	←	22.0	GA01	3/13/25
12	2601	↓	Ø	Ø	↓	GA01	↓	↓	↓	↓	GA01	↓

[1] Batch Certification: The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.

[3] Difference = Final Pressure - Initial Pressure . Acceptance Criteria: (1) The difference must be less than or equal to + 0.25psi. (2) Pressure readings must be at least 2

If time frame was not met, the PM must authorize shipment of canister **PM Authorization**

Clean Canister Certification Analysis & Authorization of Release to Inventory

Test Method: ☑ TO15 Routine ☐ TO15 LL

Can ID	Date	Sequence	Analyst	Inventory Level 1	2	3	4	Limited
3630	3/13/25	6427	VJP		XXXXXX			

Inventory Level 1: Individual Canister Certification (TO15LL 0.01).

Inventory Level 2: Individual or Batch Certification (TO15 0.04 ppbv).

Inventory Level 3: Individual or Batch Certification (TO15 0.2 ppbv).

Comments:

Pre-Shipment Clean Canister Certification Report

Canister Cleaning & Pre-Shipment Leak Test

System ID	Max DF#	# Cycles	Cleaning Start Date/Time		System Start Temp(s):		Technician	Can Size
Bottom Rack	10		3/11/2025	1400	21	21	SML	6 liter

Port	Can ID	Initial[1] (psia)	Final (psia)	Diff.[3]	Final ("Hg)	Initial Reading Gauge:	Date:	Time:	Tech:	Temp:	Final Gauge:	Final Date:
1	3405	Ø	Ø	Ø	29.7	GA01	3/12/25	1005	←	22.0	GA01	3/13/25
2	34002024	↓	Ø	Ø	↓	GA01	↓	↓	↓	↓	GA01	↓
3	5105	↓	Ø	Ø	↓	GA01	↓	↓	↓	↓	GA01	↓
4	2699	↓	Ø	Ø	↓	GA01	↓	↓	↓	↓	GA01	↓
5	5967	↓	Ø	Ø	↓	GA01	↓	↓	↓	↓	GA01	↓
6	5076	↓	Ø	Ø	↓	GA01	↓	↓	↓	↓	GA01	↓
7	2789	↓	Ø	Ø	↓	GA01	↓	↓	↓	↓	GA01	↓
8	4281	↓	Ø	Ø	↓	GA01	↓	↓	↓	↓	GA01	↓
9	3290	↓	Ø	Ø	↓	GA01	↓	↓	↓	↓	GA01	↓
10	3081	↓	Ø	Ø	29.5	GA01	↓	↓	↓	↓	GA01	3/16/25
11	4871	Ø	Ø	Ø	29.7	GA01	3/12/25	1005	←	22.0	GA01	3/13/25
12	4829	Ø	Ø	Ø	↓	GA01	↓	↓	↓	↓	GA01	3/13/25

[1] Batch Certification: The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.

[3] Difference = Final Pressure - Initial Pressure . Acceptance Criteria: (1) The difference must be less than or equal to + 0.25psi. (2) Pressure readings must be at least 2

If time frame was not met, the PM must authorize shipment of canister **PM Authorization**

Clean Canister Certification Analysis & Authorization of Release to Inventory

Test Method: ☒ TO15 Routine ☐ TO15 LL

Can ID	Date	Sequence	Analyst	Inventory Level 1	2	3	4	Limited
3081	3/13/25	64253	ABJ		XXXXXX			

Inventory Level 1: Individual Canister Certification (TO15LL 0.01).

Inventory Level 2: Individual or Batch Certification (TO15 0.04 ppbv).

Inventory Level 3: Individual or Batch Certification (TO15 0.2 ppbv).

Comments:

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-77105-1

SDG No.:

Client Sample ID: 3087 Lab Sample ID: 200-77105-11

Matrix: Air Lab File ID: 64133_005.D

Analysis Method: TO-15 Date Collected: 02/26/2025 00:00

Sample wt/vol: 800(mL) Date Analyzed: 02/28/2025 12:36

Soil Aliquot Vol: Dilution Factor: 0.25

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213953 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAM.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.3	U	1.3	1.3
75-71-8	Dichlorodifluoromethane	0.13	U	0.13	0.13
75-45-6	Freon 22	0.13	U	0.13	0.13
76-14-2	1,2-Dichlorotetrafluoroethane	0.050	U	0.050	0.050
74-87-3	Chloromethane	0.13	U	0.13	0.13
106-97-8	n-Butane	0.13	U	0.13	0.13
75-01-4	Vinyl chloride	0.035	U	0.035	0.035
106-99-0	1,3-Butadiene	0.050	U	0.050	0.050
74-83-9	Bromomethane	0.050	U	0.050	0.050
75-00-3	Chloroethane	0.13	U	0.13	0.13
593-60-2	Bromoethene(Vinyl Bromide)	0.050	U	0.050	0.050
75-69-4	Trichlorofluoromethane	0.050	U	0.050	0.050
64-17-5	Ethanol	1.3	U	1.3	1.3
76-13-1	Freon TF	0.050	U	0.050	0.050
75-35-4	1,1-Dichloroethene	0.035	U	0.035	0.035
67-64-1	Acetone	1.3	U	1.3	1.3
67-63-0	Isopropyl alcohol	1.3	U	1.3	1.3
75-15-0	Carbon disulfide	0.13	U	0.13	0.13
107-05-1	3-Chloropropene	0.13	U	0.13	0.13
75-09-2	Methylene Chloride	0.13	U	0.13	0.13
75-65-0	tert-Butyl alcohol	1.3	U	1.3	1.3
1634-04-4	Methyl tert-butyl ether	0.050	U	0.050	0.050
156-60-5	trans-1,2-Dichloroethene	0.050	U	0.050	0.050
110-54-3	n-Hexane	0.13	U	0.13	0.13
75-34-3	1,1-Dichloroethane	0.050	U	0.050	0.050
108-05-4	Vinyl acetate	1.3	U	1.3	1.3
141-78-6	Ethyl acetate	1.3	U	1.3	1.3
78-93-3	Methyl Ethyl Ketone	0.13	U	0.13	0.13
156-59-2	cis-1,2-Dichloroethene	0.035	U	0.035	0.035
540-59-0	1,2-Dichloroethene, Total	0.10	U	0.10	0.10
67-66-3	Chloroform	0.050	U	0.050	0.050
109-99-9	Tetrahydrofuran	1.3	U	1.3	1.3

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington | Job No.: 200-77105-1

SDG No.:

Client Sample ID: 3087 | Lab Sample ID: 200-77105-11

Matrix: Air | Lab File ID: 64133_005.D

Analysis Method: TO-15 | Date Collected: 02/26/2025 00:00

Sample wt/vol: 800(mL) | Date Analyzed: 02/28/2025 12:36

Soil Aliquot Vol: | Dilution Factor: 0.25

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: | Heated Purge: (Y/N) pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 213953 | Units: ppb v/v

Preparation Batch No.: | Instrument ID: CHAM.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-55-6	1,1,1-Trichloroethane	0.050	U	0.050	0.050
110-82-7	Cyclohexane	0.050	U	0.050	0.050
56-23-5	Carbon tetrachloride	0.035	U	0.035	0.035
540-84-1	2,2,4-Trimethylpentane	0.050	U	0.050	0.050
71-43-2	Benzene	0.050	U	0.050	0.050
107-06-2	1,2-Dichloroethane	0.050	U	0.050	0.050
142-82-5	n-Heptane	0.050	U	0.050	0.050
79-01-6	Trichloroethene	0.035	U	0.035	0.035
80-62-6	Methyl methacrylate	0.13	U	0.13	0.13
78-87-5	1,2-Dichloropropane	0.050	U	0.050	0.050
123-91-1	1,4-Dioxane	1.3	U	1.3	1.3
75-27-4	Bromodichloromethane	0.050	U	0.050	0.050
10061-01-5	cis-1,3-Dichloropropene	0.050	U	0.050	0.050
108-10-1	methyl isobutyl ketone	0.13	U	0.13	0.13
108-88-3	Toluene	0.050	U	0.050	0.050
10061-02-6	trans-1,3-Dichloropropene	0.050	U	0.050	0.050
79-00-5	1,1,2-Trichloroethane	0.050	U	0.050	0.050
127-18-4	Tetrachloroethene	0.050	U	0.050	0.050
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.13	U	0.13	0.13
124-48-1	Dibromochloromethane	0.050	U	0.050	0.050
106-93-4	1,2-Dibromoethane	0.050	U	0.050	0.050
108-90-7	Chlorobenzene	0.050	U	0.050	0.050
100-41-4	Ethylbenzene	0.050	U	0.050	0.050
179601-23-1	m,p-Xylene	0.13	U	0.13	0.13
95-47-6	Xylene, o-	0.050	U	0.050	0.050
1330-20-7	Xylene (total)	0.18	U	0.18	0.18
100-42-5	Styrene	0.050	U	0.050	0.050
75-25-2	Bromoform	0.050	U	0.050	0.050
98-82-8	Cumene	0.050	U	0.050	0.050
79-34-5	1,1,2,2-Tetrachloroethane	0.050	U	0.050	0.050
103-65-1	n-Propylbenzene	0.050	U	0.050	0.050
622-96-8	4-Ethyltoluene	0.050	U	0.050	0.050

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-77105-1

SDG No.:

Client Sample ID: 3087 Lab Sample ID: 200-77105-11

Matrix: Air Lab File ID: 64133_005.D

Analysis Method: TO-15 Date Collected: 02/26/2025 00:00

Sample wt/vol: 800(mL) Date Analyzed: 02/28/2025 12:36

Soil Aliquot Vol: Dilution Factor: 0.25

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213953 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAM.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
108-67-8	1,3,5-Trimethylbenzene	0.050	U	0.050	0.050
95-49-8	2-Chlorotoluene	0.050	U	0.050	0.050
98-06-6	tert-Butylbenzene	0.050	U	0.050	0.050
95-63-6	1,2,4-Trimethylbenzene	0.050	U	0.050	0.050
135-98-8	sec-Butylbenzene	0.050	U	0.050	0.050
99-87-6	4-Isopropyltoluene	0.050	U	0.050	0.050
541-73-1	1,3-Dichlorobenzene	0.050	U	0.050	0.050
106-46-7	1,4-Dichlorobenzene	0.050	U	0.050	0.050
100-44-7	Benzyl chloride	0.050	U	0.050	0.050
104-51-8	n-Butylbenzene	0.050	U	0.050	0.050
95-50-1	1,2-Dichlorobenzene	0.050	U	0.050	0.050
120-82-1	1,2,4-Trichlorobenzene	0.13	U	0.13	0.13
87-68-3	Hexachlorobutadiene	0.050	U	0.050	0.050
91-20-3	Naphthalene	0.13	U	0.13	0.13

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20250228-64133.b\64133_005.D
Lims ID: 200-77105-A-11
Client ID: 3087
Sample Type: Client
Inject. Date: 28-Feb-2025 12:36:23 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 0.2500
Sample Info: 200-0064133-005
Operator ID: vtp Instrument ID: CHAM.i

Method: \\chromfs\Burlington\ChromData\CHAM.i\20250228-64133.b\TO15_TO3_Master_Method_AM1.m
Limit Group: AI_TO15_ICAL
Last Update: 03-Mar-2025 06:31:20 Calib Date: 21-Dec-2024 11:06:39
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAM.i\20241220-63469.b\63469_024.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1705

First Level Reviewer: YWL8 Date: 03-Mar-2025 06:31:20

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	1 Propene	41		4.273				ND	7
	2 Dichlorodifluoromethane	85		4.375				ND	
	3 Chlorodifluoromethane	51		4.423				ND	
	4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.744				ND	
	5 Chloromethane	50		4.872				ND	7
	7 Butane	43		5.177				ND	7
	6 Vinyl chloride	62		5.182				ND	
	8 Butadiene	54		5.295				ND	
	9 Bromomethane	94		6.044				ND	
	10 Chloroethane	64		6.322				ND	
	13 Vinyl bromide	106		6.755				ND	
	14 Trichlorofluoromethane	101		6.916				ND	
	16 Ethanol	45		7.322				ND	
	20 1,1-Dichloroethene	96		8.002				ND	
	21 1,1,2-Trichloro-1,2,2-trifluoroe	101		8.039				ND	
	22 Acetone	43		8.093				ND	7
	23 Isopropyl alcohol	45		8.398				ND	
	24 Carbon disulfide	76		8.408				ND	
	26 3-Chloro-1-propene	41		8.713				ND	7
	27 Methylene Chloride	49		8.954				ND	7
	28 2-Methyl-2-propanol	59		9.179				ND	
	30 trans-1,2-Dichloroethene	61		9.451				ND	
	31 Methyl tert-butyl ether	73		9.457				ND	
	32 Hexane	57		9.965				ND	
S	35 1,2-Dichloroethene, Total	61		10.200				ND	7
	33 1,1-Dichloroethane	63		10.238				ND	
	34 Vinyl acetate	43		10.249				ND	
	36 2-Butanone (MEK)	72		11.228				ND	
	37 cis-1,2-Dichloroethene	96		11.254				ND	7
	38 Ethyl acetate	88		11.308				ND	
*	39 Chlorobromomethane	128	11.672	11.672	0.000	98	350947	10.0	
	40 Tetrahydrofuran	42		11.704				ND	

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	41 Chloroform	83		11.853				ND	
	42 1,1,1-Trichloroethane	97		12.148				ND	
	43 Cyclohexane	84		12.281				ND	
	44 Carbon tetrachloride	117		12.426				ND	
	45 Benzene	78		12.779				ND	7
	46 1,2-Dichloroethane	62		12.865				ND	
	47 Isooctane	57		12.988				ND	
	48 n-Heptane	43		13.298				ND	7
*	49 1,4-Difluorobenzene	114	13.528	13.523	0.005	96	1718923	10.0	
	51 Trichloroethene	95		13.956				ND	
	53 1,2-Dichloropropane	63		14.427				ND	
	54 Methyl methacrylate	69		14.507				ND	
	55 1,4-Dioxane	88		14.555				ND	
	57 Dibromomethane	174		14.587				ND	7
	58 Dichlorobromomethane	83		14.898				ND	
	59 cis-1,3-Dichloropropene	75		15.700				ND	
	61 4-Methyl-2-pentanone (MIBK)	43		15.967				ND	
	62 Toluene	92		16.337				ND	
	66 trans-1,3-Dichloropropene	75		16.765				ND	
	67 1,1,2-Trichloroethane	83		17.144				ND	
	68 Tetrachloroethene	166		17.326				ND	
	69 2-Hexanone	43		17.556				ND	
	70 Chlorodibromomethane	129		17.883				ND	
	71 Ethylene Dibromide	107		18.118				ND	
*	73 Chlorobenzene-d5	117	19.033	19.033	0.000	90	1560681	10.0	
	74 Chlorobenzene	112		19.092				ND	
	75 Ethylbenzene	91		19.274				ND	MU
	76 m-Xylene & p-Xylene	106		19.536				ND	
S	80 Xylenes, Total	106		20.100				ND	7
	78 o-Xylene	106		20.306				ND	
	79 Styrene	104		20.344				ND	
	81 Bromoform	173		20.686				ND	
	82 Isopropylbenzene	105		20.980				ND	
	83 1,1,2,2-Tetrachloroethane	83		21.499				ND	7
	85 N-Propylbenzene	91		21.681				ND	7
	86 2-Chlorotoluene	91		21.825				ND	7
	87 4-Ethyltoluene	105		21.868				ND	7
	88 1,3,5-Trimethylbenzene	105		21.965				ND	7
	91 tert-Butylbenzene	119		22.441				ND	
	92 1,2,4-Trimethylbenzene	105		22.526				ND	7
	93 sec-Butylbenzene	105		22.762				ND	7
	94 1,3-Dichlorobenzene	146		22.938				ND	7
	95 4-Isopropyltoluene	119		22.970				ND	
	96 1,4-Dichlorobenzene	146		23.077				ND	7
	97 Benzyl chloride	91		23.227				ND	7
	98 n-Butylbenzene	91		23.532				ND	7
	99 1,2-Dichlorobenzene	146		23.580				ND	7
	102 1,2,4-Trichlorobenzene	180		26.079				ND	7
	103 Hexachlorobutadiene	225		26.325				ND	
	104 Naphthalene	128		26.576				ND	7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

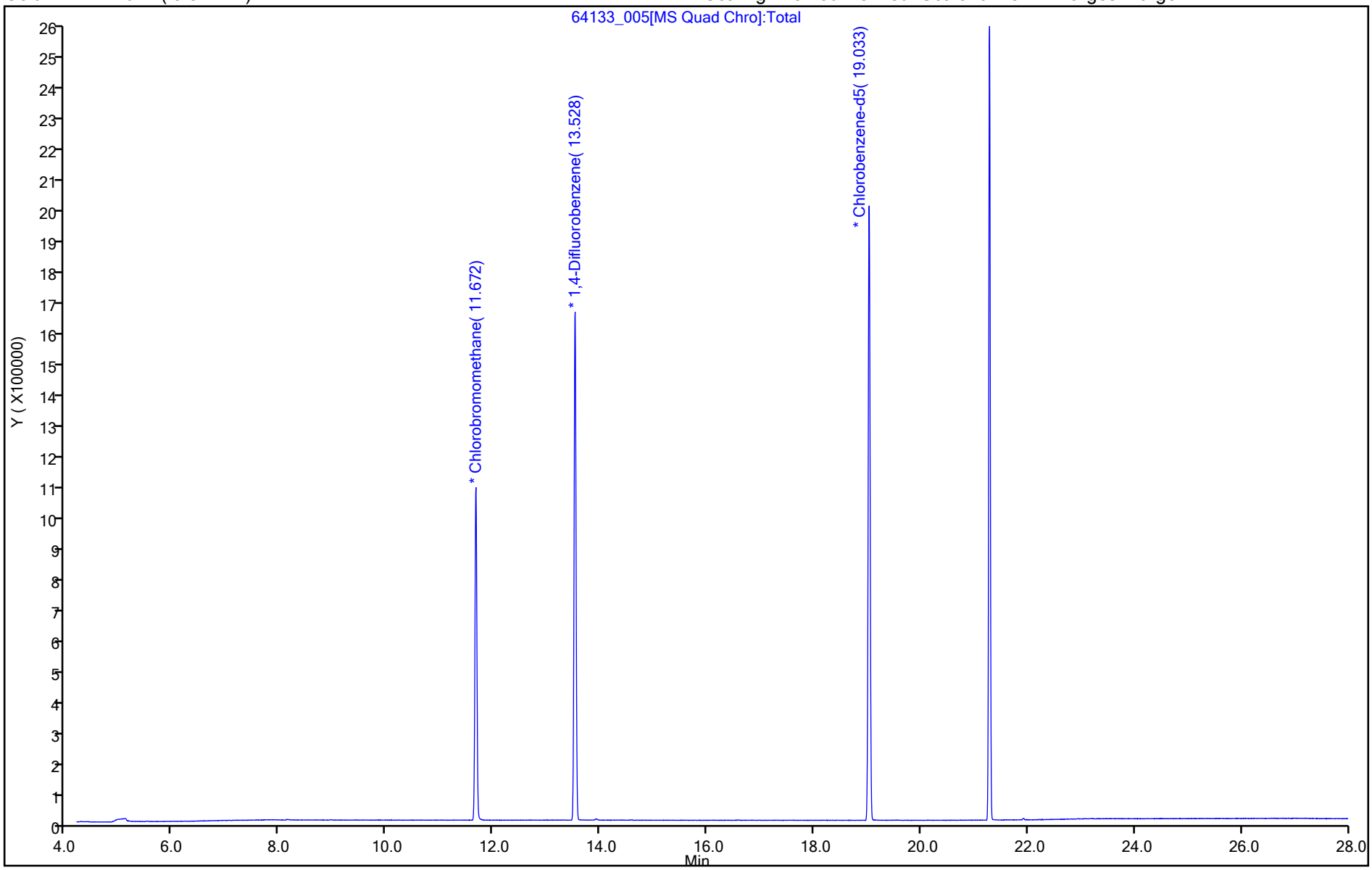
ATTO15AMISs_00004	Amount Added:	20.00	Units: mL	Run Reagent

Report Date: 03-Mar-2025 06:31:20 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20250228-64133.b\64133_005.D				
Injection Date:	28-Feb-2025 12:36:23	Instrument ID:	CHAM.i	Operator ID:	vtp
Lims ID:	200-77105-A-11	Lab Sample ID:	200-77105-11	Worklist Smp#:	5
Client ID:	3087				
Purge Vol:	200.000 mL	Dil. Factor:	0.2500	ALS Bottle#:	4
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



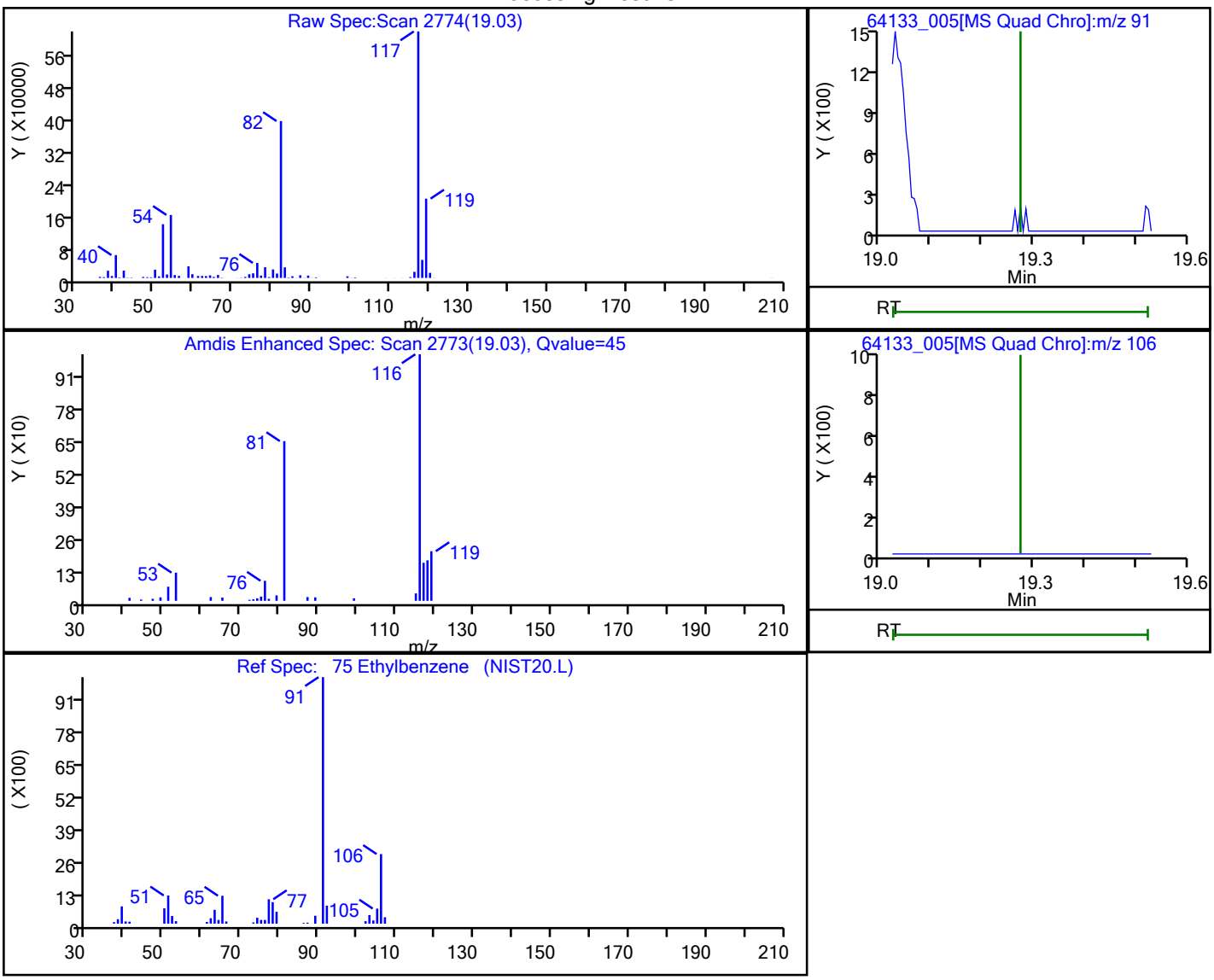
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAM.i\20250228-64133.b\64133_005.D				
Injection Date:	28-Feb-2025 12:36:23	Instrument ID:	CHAM.i		
Lims ID:	200-77105-A-11	Lab Sample ID:	200-77105-11		
Client ID:	3087				
Operator ID:	vtp	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	0.2500		
Method:	TO15_TO3_Master_Method_AM1	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

75 Ethylbenzene, CAS: 100-41-4

Processing Results



RT	Mass	Response	Amount
19.03	91.00	3439	0.013620
19.27	106.00	0	

Reviewer: YWL8, 03-Mar-2025 06:31:09 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-77166-1

SDG No.:

Client Sample ID: 4121 Lab Sample ID: 200-77166-2

Matrix: Air Lab File ID: 64158_006.D

Analysis Method: TO-15 Date Collected: 03/02/2025 00:00

Sample wt/vol: 800(mL) Date Analyzed: 03/04/2025 12:06

Soil Aliquot Vol: Dilution Factor: 0.25

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 214018 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.3	U	1.3	1.3
75-71-8	Dichlorodifluoromethane	0.13	U	0.13	0.13
75-45-6	Freon 22	0.13	U	0.13	0.13
76-14-2	1,2-Dichlorotetrafluoroethane	0.050	U	0.050	0.050
74-87-3	Chloromethane	0.13	U	0.13	0.13
106-97-8	n-Butane	0.13	U	0.13	0.13
75-01-4	Vinyl chloride	0.035	U	0.035	0.035
106-99-0	1,3-Butadiene	0.050	U	0.050	0.050
74-83-9	Bromomethane	0.050	U	0.050	0.050
75-00-3	Chloroethane	0.13	U	0.13	0.13
593-60-2	Bromoethene(Vinyl Bromide)	0.050	U	0.050	0.050
75-69-4	Trichlorofluoromethane	0.050	U	0.050	0.050
64-17-5	Ethanol	1.3	U	1.3	1.3
76-13-1	Freon TF	0.050	U	0.050	0.050
75-35-4	1,1-Dichloroethene	0.035	U	0.035	0.035
67-64-1	Acetone	1.3	U	1.3	1.3
67-63-0	Isopropyl alcohol	1.3	U	1.3	1.3
75-15-0	Carbon disulfide	0.13	U	0.13	0.13
107-05-1	3-Chloropropene	0.13	U	0.13	0.13
75-09-2	Methylene Chloride	0.13	U	0.13	0.13
75-65-0	tert-Butyl alcohol	1.3	U	1.3	1.3
1634-04-4	Methyl tert-butyl ether	0.050	U	0.050	0.050
156-60-5	trans-1,2-Dichloroethene	0.050	U	0.050	0.050
110-54-3	n-Hexane	0.13	U	0.13	0.13
75-34-3	1,1-Dichloroethane	0.050	U	0.050	0.050
108-05-4	Vinyl acetate	1.3	U	1.3	1.3
141-78-6	Ethyl acetate	1.3	U	1.3	1.3
78-93-3	Methyl Ethyl Ketone	0.13	U	0.13	0.13
156-59-2	cis-1,2-Dichloroethene	0.035	U	0.035	0.035
540-59-0	1,2-Dichloroethene, Total	0.10	U	0.10	0.10
67-66-3	Chloroform	0.050	U	0.050	0.050
109-99-9	Tetrahydrofuran	1.3	U	1.3	1.3

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-77166-1

SDG No.:

Client Sample ID: 4121 Lab Sample ID: 200-77166-2

Matrix: Air Lab File ID: 64158_006.D

Analysis Method: TO-15 Date Collected: 03/02/2025 00:00

Sample wt/vol: 800(mL) Date Analyzed: 03/04/2025 12:06

Soil Aliquot Vol: Dilution Factor: 0.25

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 214018 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-55-6	1,1,1-Trichloroethane	0.050	U	0.050	0.050
110-82-7	Cyclohexane	0.050	U	0.050	0.050
56-23-5	Carbon tetrachloride	0.035	U	0.035	0.035
540-84-1	2,2,4-Trimethylpentane	0.050	U	0.050	0.050
71-43-2	Benzene	0.050	U	0.050	0.050
107-06-2	1,2-Dichloroethane	0.050	U	0.050	0.050
142-82-5	n-Heptane	0.050	U	0.050	0.050
79-01-6	Trichloroethene	0.035	U	0.035	0.035
80-62-6	Methyl methacrylate	0.13	U	0.13	0.13
78-87-5	1,2-Dichloropropane	0.050	U	0.050	0.050
123-91-1	1,4-Dioxane	1.3	U	1.3	1.3
75-27-4	Bromodichloromethane	0.050	U	0.050	0.050
10061-01-5	cis-1,3-Dichloropropene	0.050	U	0.050	0.050
108-10-1	methyl isobutyl ketone	0.13	U	0.13	0.13
108-88-3	Toluene	0.050	U	0.050	0.050
10061-02-6	trans-1,3-Dichloropropene	0.050	U	0.050	0.050
79-00-5	1,1,2-Trichloroethane	0.050	U	0.050	0.050
127-18-4	Tetrachloroethene	0.050	U	0.050	0.050
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.13	U	0.13	0.13
124-48-1	Dibromochloromethane	0.050	U	0.050	0.050
106-93-4	1,2-Dibromoethane	0.050	U	0.050	0.050
108-90-7	Chlorobenzene	0.050	U	0.050	0.050
100-41-4	Ethylbenzene	0.050	U	0.050	0.050
179601-23-1	m,p-Xylene	0.13	U	0.13	0.13
95-47-6	Xylene, o-	0.050	U	0.050	0.050
1330-20-7	Xylene (total)	0.18	U	0.18	0.18
100-42-5	Styrene	0.050	U	0.050	0.050
75-25-2	Bromoform	0.050	U	0.050	0.050
98-82-8	Cumene	0.050	U	0.050	0.050
79-34-5	1,1,2,2-Tetrachloroethane	0.050	U	0.050	0.050
103-65-1	n-Propylbenzene	0.050	U	0.050	0.050
622-96-8	4-Ethyltoluene	0.050	U	0.050	0.050

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-77166-1

SDG No.:

Client Sample ID: 4121 Lab Sample ID: 200-77166-2

Matrix: Air Lab File ID: 64158_006.D

Analysis Method: TO-15 Date Collected: 03/02/2025 00:00

Sample wt/vol: 800(mL) Date Analyzed: 03/04/2025 12:06

Soil Aliquot Vol: Dilution Factor: 0.25

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 214018 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
108-67-8	1,3,5-Trimethylbenzene	0.050	U	0.050	0.050
95-49-8	2-Chlorotoluene	0.050	U	0.050	0.050
98-06-6	tert-Butylbenzene	0.050	U	0.050	0.050
95-63-6	1,2,4-Trimethylbenzene	0.050	U	0.050	0.050
135-98-8	sec-Butylbenzene	0.050	U	0.050	0.050
99-87-6	4-Isopropyltoluene	0.050	U	0.050	0.050
541-73-1	1,3-Dichlorobenzene	0.050	U	0.050	0.050
106-46-7	1,4-Dichlorobenzene	0.050	U	0.050	0.050
100-44-7	Benzyl chloride	0.050	U	0.050	0.050
104-51-8	n-Butylbenzene	0.050	U	0.050	0.050
95-50-1	1,2-Dichlorobenzene	0.050	U	0.050	0.050
120-82-1	1,2,4-Trichlorobenzene	0.13	U	0.13	0.13
87-68-3	Hexachlorobutadiene	0.050	U	0.050	0.050
91-20-3	Naphthalene	0.13	U	0.13	0.13

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250304-64158.b\64158_006.D
Lims ID: 200-77166-A-2
Client ID: 4121
Sample Type: Client
Inject. Date: 04-Mar-2025 12:06:31 ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 0.2500
Sample Info: 200-0064158-006
Operator ID: wrd Instrument ID: CHAN.i

Method: \\chromfs\Burlington\ChromData\CHAN.i\20250304-64158.b\TO15_TO3_Master_Method_AN.m
Limit Group: AI_TO15_ICAL
Last Update: 05-Mar-2025 09:51:30 Calib Date: 26-Feb-2025 03:04:44
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAN.i\20250225-64097.b\64097_015.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1728

First Level Reviewer: YWL8 Date: 05-Mar-2025 09:54:15

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	1 Propene	41		4.348				ND	7
	2 Dichlorodifluoromethane	85		4.449				ND	7
	3 Chlorodifluoromethane	51		4.492				ND	7
	4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.808				ND	
	5 Chloromethane	50		4.925				ND	7
	6 Vinyl chloride	62		5.220				ND	
	7 Butane	43		5.225				ND	7
	8 Butadiene	54		5.337				ND	
	9 Bromomethane	94		6.060				ND	
	10 Chloroethane	64		6.327				ND	
	13 Vinyl bromide	106		6.744				ND	
	14 Trichlorofluoromethane	101		6.910				ND	7
	16 Ethanol	45		7.258				ND	
	20 1,1-Dichloroethene	96		7.959				ND	7
	21 1,1,2-Trichloro-1,2,2-trifluoroe	101		8.007				ND	
	22 Acetone	43		8.018				ND	7
	23 Isopropyl alcohol	45		8.307				ND	7
	24 Carbon disulfide	76		8.365				ND	7
	26 3-Chloro-1-propene	41		8.649				ND	7
	27 Methylene Chloride	49		8.874				ND	7
	28 2-Methyl-2-propanol	59		9.066				ND	
	30 trans-1,2-Dichloroethene	61	9.382	9.376	0.006	19	1849	0.0178	
	31 Methyl tert-butyl ether	73		9.382				ND	7
	32 Hexane	57		9.895				ND	7
	33 1,1-Dichloroethane	63		10.136				ND	
	34 Vinyl acetate	43		10.136				ND	7
S	35 1,2-Dichloroethene, Total	61		10.200				ND	7
	36 2-Butanone (MEK)	72		11.083				ND	
	37 cis-1,2-Dichloroethene	96		11.121				ND	7
	38 Ethyl acetate	88		11.179				ND	
*	39 Chlorobromomethane	128	11.527	11.527	0.000	77	861129	10.0	
	40 Tetrahydrofuran	42		11.575				ND	

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	41 Chloroform	83		11.709				ND	
	42 1,1,1-Trichloroethane	97		12.025				ND	7
	43 Cyclohexane	84		12.174				ND	
	44 Carbon tetrachloride	117		12.308				ND	
	45 Benzene	78		12.645				ND	7
	46 1,2-Dichloroethane	62		12.704				ND	
	47 Isooctane	57		12.875				ND	
	48 n-Heptane	43		13.180				ND	7
*	49 1,4-Difluorobenzene	114	13.373	13.373	0.000	94	4088886	10.0	
	51 Trichloroethene	95		13.806				ND	
	53 1,2-Dichloropropane	63		14.255				ND	
	54 Methyl methacrylate	69		14.341				ND	
	55 1,4-Dioxane	88		14.379				ND	
	57 Dibromomethane	174	14.411	14.411	0.000	87	1560	0.0150	
	58 Dichlorobromomethane	83		14.716				ND	
	59 cis-1,3-Dichloropropene	75		15.523				ND	
	61 4-Methyl-2-pentanone (MIBK)	43		15.775				ND	
	62 Toluene	92		16.171				ND	7
	66 trans-1,3-Dichloropropene	75		16.567				ND	
	67 1,1,2-Trichloroethane	83		16.941				ND	
	68 Tetrachloroethene	166		17.166				ND	
	69 2-Hexanone	43		17.348				ND	
	70 Chlorodibromomethane	129		17.679				ND	
	71 Ethylene Dibromide	107		17.920				ND	
*	73 Chlorobenzene-d5	117	18.840	18.840	0.000	86	3478917	10.0	
	74 Chlorobenzene	112		18.899				ND	
	75 Ethylbenzene	91		19.097				ND	7
	76 m-Xylene & p-Xylene	106		19.354				ND	
S	80 Xylenes, Total	106		20.100				ND	7
	78 o-Xylene	106		20.130				ND	
	79 Styrene	104		20.162				ND	
	81 Bromoform	173		20.493				ND	
	82 Isopropylbenzene	105		20.820				ND	
	83 1,1,2,2-Tetrachloroethane	83		21.317				ND	7
	85 N-Propylbenzene	91		21.531				ND	
	86 2-Chlorotoluene	91		21.676				ND	
	87 4-Ethyltoluene	105		21.729				ND	
	88 1,3,5-Trimethylbenzene	105		21.820				ND	
	91 tert-Butylbenzene	119		22.302				ND	
	92 1,2,4-Trimethylbenzene	105		22.387				ND	
	93 sec-Butylbenzene	105		22.628				ND	
	94 1,3-Dichlorobenzene	146		22.794				ND	7
	95 4-Isopropyltoluene	119		22.837				ND	
	96 1,4-Dichlorobenzene	146		22.933				ND	7
	97 Benzyl chloride	91		23.077				ND	
	98 n-Butylbenzene	91		23.393				ND	7
	99 1,2-Dichlorobenzene	146		23.420				ND	7
	102 1,2,4-Trichlorobenzene	180		25.870				ND	7
	103 Hexachlorobutadiene	225		26.121				ND	
	104 Naphthalene	128		26.341				ND	7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

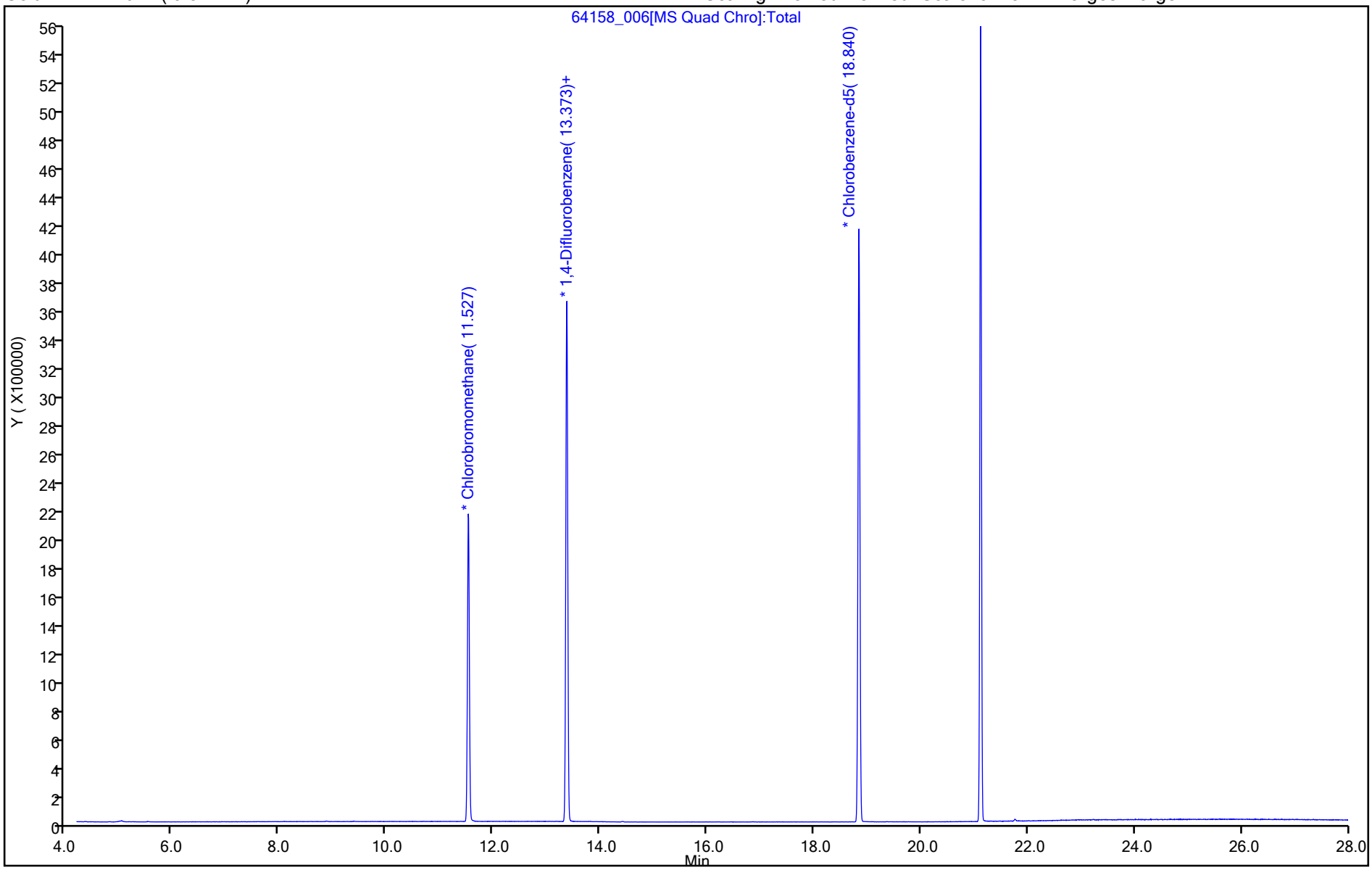
ATTO15ClSs_00012 Amount Added: 20.00 Units: mL Run Reagent

Report Date: 05-Mar-2025 09:54:15 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250304-64158.b\64158_006.D				
Injection Date:	04-Mar-2025 12:06:31	Instrument ID:	CHAN.i	Operator ID:	wrd
Lims ID:	200-77166-A-2	Lab Sample ID:	200-77166-2	Worklist Smp#:	6
Client ID:	4121				
Purge Vol:	200.000 mL	Dil. Factor:	0.2500	ALS Bottle#:	6
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-77264-1

SDG No.:

Client Sample ID: 3630 Lab Sample ID: 200-77264-10

Matrix: Air Lab File ID: 64277_005.D

Analysis Method: TO-15 Date Collected: 03/12/2025 00:00

Sample wt/vol: 800(mL) Date Analyzed: 03/13/2025 10:48

Soil Aliquot Vol: Dilution Factor: 0.25

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 214244 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.050	U	0.050	0.017
100-42-5	Styrene	0.050	U	0.050	0.015
10061-01-5	1,3-Dichloropropene, cis-	0.050	U	0.050	0.011
10061-02-6	1,3-Dichloropropene, trans-	0.050	U	0.050	0.014
106-46-7	1,4-Dichlorobenzene	0.050	U	0.050	0.022
106-93-4	1,2-Dibromoethane	0.050	U	0.050	0.011
106-99-0	1,3-Butadiene	0.050	U	0.050	0.0098
107-05-1	Allyl chloride	0.13	U	0.13	0.030
107-06-2	1,2-Dichloroethane	0.050	U	0.050	0.023
108-10-1	Methyl isobutyl ketone (MIBK)	0.13	U	0.13	0.033
108-67-8	1,3,5-Trimethylbenzene	0.050	U	0.050	0.012
108-88-3	Toluene	0.050	U	0.050	0.016
108-90-7	Chlorobenzene	0.050	U	0.050	0.011
109-99-9	Tetrahydrofuran	1.3	U	1.3	0.33
110-54-3	Hexane	0.13	U	0.13	0.028
110-82-7	Cyclohexane	0.050	U	0.050	0.015
120-82-1	1,2,4-Trichlorobenzene	0.13	U	0.13	0.083
123-91-1	1,4-Dioxane	0.050	U	0.050	0.021
124-48-1	Dibromochloromethane	0.050	U	0.050	0.016
127-18-4	Tetrachloroethene	0.050	U	0.050	0.0053
142-82-5	n-Heptane	0.050	U	0.050	0.014
156-59-2	1,2-Dichloroethene, cis-	0.035	U	0.035	0.0053
156-60-5	1,2-Dichloroethene, trans-	0.050	U	0.050	0.0058
1634-04-4	Methyl tert-butyl ether	0.050	U	0.050	0.0090
179601-23-1	m,p-Xylene	0.13	U	0.13	0.024
540-84-1	2,2,4-Trimethylpentane	0.050	U	0.050	0.0095
541-73-1	1,3-Dichlorobenzene	0.050	U	0.050	0.019
56-23-5	Carbon tetrachloride	0.035	U	0.035	0.0055
593-60-2	Vinyl bromide	0.050	U	0.050	0.013
622-96-8	4-Ethyltoluene	0.050	U	0.050	0.012
64-17-5	Ethanol	1.3	U	1.3	0.65
67-63-0	Isopropanol	1.3	U	1.3	0.40

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington | Job No.: 200-77264-1

SDG No.:

Client Sample ID: 3630 | Lab Sample ID: 200-77264-10

Matrix: Air | Lab File ID: 64277_005.D

Analysis Method: TO-15 | Date Collected: 03/12/2025 00:00

Sample wt/vol: 800(mL) | Date Analyzed: 03/13/2025 10:48

Soil Aliquot Vol: | Dilution Factor: 0.25

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: | Heated Purge: (Y/N) pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 214244 | Units: ppb v/v

Preparation Batch No.: | Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	1.3	U	1.3	0.40
67-66-3	Chloroform	0.050	U	0.050	0.010
71-43-2	Benzene	0.050	U	0.050	0.011
71-55-6	1,1,1-Trichloroethane	0.050	U	0.050	0.011
74-83-9	Bromomethane	0.050	U	0.050	0.018
74-87-3	Chloromethane	0.13	U	0.13	0.038
75-00-3	Chloroethane	0.13	U	0.13	0.045
75-01-4	Vinyl chloride	0.035	U	0.035	0.0053
75-09-2	Methylene Chloride	0.13	U	0.13	0.045
75-15-0	Carbon disulfide	0.13	U	0.13	0.033
75-25-2	Bromoform	0.050	U	0.050	0.030
75-27-4	Bromodichloromethane	0.050	U	0.050	0.013
75-34-3	1,1-Dichloroethane	0.050	U	0.050	0.0063
75-35-4	1,1-Dichloroethene	0.035	U	0.035	0.0065
75-65-0	tert-Butyl alcohol	1.3	U	1.3	0.30
75-69-4	Trichlorofluoromethane	0.050	U	0.050	0.013
75-71-8	Dichlorodifluoromethane	0.13	U	0.13	0.028
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.050	U	0.050	0.013
76-14-2	1,2-Dichlorotetrafluoroethane	0.050	U	0.050	0.012
78-87-5	1,2-Dichloropropane	0.050	U	0.050	0.024
78-93-3	Methyl ethyl ketone (MEK)	0.13	U	0.13	0.12
79-00-5	1,1,2-Trichloroethane	0.050	U	0.050	0.019
79-01-6	Trichloroethene	0.035	U	0.035	0.0063
79-34-5	1,1,2,2-Tetrachloroethane	0.050	U	0.050	0.011
80-62-6	Methyl methacrylate	0.13	U	0.13	0.035
87-68-3	Hexachlorobutadiene	0.050	U	0.050	0.028
91-20-3	Naphthalene	0.13	U	0.13	0.075
95-47-6	Xylene, o-	0.050	U	0.050	0.016
95-49-8	2-Chlorotoluene	0.050	U	0.050	0.012
95-50-1	1,2-Dichlorobenzene	0.050	U	0.050	0.017
95-63-6	1,2,4-Trimethylbenzene	0.050	U	0.050	0.020
591-78-6	2-Hexanone	0.13	U	0.13	0.038

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-77264-1

SDG No.:

Client Sample ID: 3630 Lab Sample ID: 200-77264-10

Matrix: Air Lab File ID: 64277_005.D

Analysis Method: TO-15 Date Collected: 03/12/2025 00:00

Sample wt/vol: 800(mL) Date Analyzed: 03/13/2025 10:48

Soil Aliquot Vol: Dilution Factor: 0.25

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 214244 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
115-07-1	Propene	1.3	U	1.3	0.30
75-45-6	Chlorodifluoromethane	0.13	U	0.13	0.030
106-97-8	Butane	0.13	U	0.13	0.050
108-05-4	Vinyl acetate	1.3	U	1.3	0.30
141-78-6	Ethyl acetate	1.3	U	1.3	0.40
98-82-8	Isopropylbenzene	0.050	U	0.050	0.010
103-65-1	N-Propylbenzene	0.050	U	0.050	0.012
98-06-6	tert-Butylbenzene	0.050	U	0.050	0.012
135-98-8	sec-Butylbenzene	0.050	U	0.050	0.011
99-87-6	4-Isopropyltoluene	0.050	U	0.050	0.015
100-44-7	Benzyl chloride	0.050	U	0.050	0.022
104-51-8	n-Butylbenzene	0.050	U	0.050	0.028

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250313-64277.b\64277_005.D
Lims ID: 200-77264-A-10
Client ID: 3630
Sample Type: Client
Inject. Date: 13-Mar-2025 10:48:22 ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 0.2500
Sample Info: 200-0064277-005
Operator ID: wrd Instrument ID: CHAN.i

Method: \\chromfs\Burlington\ChromData\CHAN.i\20250313-64277.b\TO15_TO3_Master_Method_AN.m
Limit Group: AI_TO15_ICAL
Last Update: 14-Mar-2025 08:58:42 Calib Date: 26-Feb-2025 03:04:44
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAN.i\20250225-64097.b\64097_015.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1655

First Level Reviewer: F7XK Date: 14-Mar-2025 08:58:42

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1	Propene	41		4.348				ND	7
2	Dichlorodifluoromethane	85		4.449				ND	
3	Chlorodifluoromethane	51		4.487				ND	
4	1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.808				ND	
5	Chloromethane	50		4.925				ND	7
6	Vinyl chloride	62		5.220				ND	
7	Butane	43		5.225				ND	7
8	Butadiene	54		5.337				ND	
9	Bromomethane	94		6.054				ND	
10	Chloroethane	64		6.327				ND	
13	Vinyl bromide	106		6.744				ND	
14	Trichlorofluoromethane	101		6.910				ND	
16	Ethanol	45		7.252				ND	
20	1,1-Dichloroethene	96		7.959				ND	7
21	1,1,2-Trichloro-1,2,2-trifluoroe	101		8.001				ND	
22	Acetone	43		8.017				ND	7
23	Isopropyl alcohol	45		8.301				ND	
24	Carbon disulfide	76		8.365				ND	7
26	3-Chloro-1-propene	41		8.649				ND	
27	Methylene Chloride	49		8.873				ND	7
28	2-Methyl-2-propanol	59		9.066				ND	
30	trans-1,2-Dichloroethene	61		9.376				ND	7
31	Methyl tert-butyl ether	73		9.382				ND	7
32	Hexane	57		9.895				ND	
33	1,1-Dichloroethane	63		10.131				ND	
34	Vinyl acetate	43		10.136				ND	
36	2-Butanone (MEK)	72		11.083				ND	
37	cis-1,2-Dichloroethene	96		11.120				ND	7
38	Ethyl acetate	88		11.174				ND	
* 39	Chlorobromomethane	128	11.527	11.527	0.000	80	894485	10.0	
40	Tetrahydrofuran	42		11.570				ND	
41	Chloroform	83		11.703				ND	

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	42 1,1,1-Trichloroethane	97		12.019				ND	
	43 Cyclohexane	84		12.169				ND	
	44 Carbon tetrachloride	117		12.303				ND	
	45 Benzene	78		12.640				ND	7
	46 1,2-Dichloroethane	62		12.704				ND	
	47 Isooctane	57		12.875				ND	
	48 n-Heptane	43		13.180				ND	7
*	49 1,4-Difluorobenzene	114	13.367	13.367	0.000	94	4328110	10.0	
	51 Trichloroethene	95		13.806				ND	
	53 1,2-Dichloropropane	63		14.255				ND	
	54 Methyl methacrylate	69		14.341				ND	
	55 1,4-Dioxane	88		14.378				ND	
	58 Dichlorobromomethane	83		14.715				ND	
	59 cis-1,3-Dichloropropene	75		15.518				ND	
	61 4-Methyl-2-pentanone (MIBK)	43		15.775				ND	
	62 Toluene	92		16.171				ND	MU
	66 trans-1,3-Dichloropropene	75		16.566				ND	
	67 1,1,2-Trichloroethane	83		16.941				ND	
	68 Tetrachloroethene	166		17.166				ND	
	69 2-Hexanone	43		17.348				ND	
	70 Chlorodibromomethane	129		17.679				ND	
	71 Ethylene Dibromide	107		17.920				ND	
*	73 Chlorobenzene-d5	117	18.835	18.840	-0.005	87	3651828	10.0	
	74 Chlorobenzene	112		18.894				ND	
	75 Ethylbenzene	91		19.092				ND	
	76 m-Xylene & p-Xylene	106		19.354				ND	
	78 o-Xylene	106		20.124				ND	
	79 Styrene	104		20.156				ND	
	81 Bromoform	173		20.488				ND	
	82 Isopropylbenzene	105		20.814				ND	
	83 1,1,2,2-Tetrachloroethane	83		21.312				ND	7
	85 N-Propylbenzene	91		21.526				ND	
	86 2-Chlorotoluene	91		21.670				ND	
	87 4-Ethyltoluene	105		21.724				ND	7
	88 1,3,5-Trimethylbenzene	105		21.820				ND	7
	91 tert-Butylbenzene	119		22.301				ND	
	92 1,2,4-Trimethylbenzene	105		22.387				ND	7
	93 sec-Butylbenzene	105		22.622				ND	7
	94 1,3-Dichlorobenzene	146		22.794				ND	7
	95 4-Isopropyltoluene	119		22.836				ND	7
	96 1,4-Dichlorobenzene	146		22.933				ND	7
	97 Benzyl chloride	91		23.072				ND	
	98 n-Butylbenzene	91		23.393				ND	7
	99 1,2-Dichlorobenzene	146		23.420				ND	7
	102 1,2,4-Trichlorobenzene	180		25.864				ND	7
	103 Hexachlorobutadiene	225		26.121				ND	
	104 Naphthalene	128		26.340				ND	7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

U - Marked Undetected

Reagents:

ATTO15CISs_00012 Amount Added: 20.00 Units: mL Run Reagent

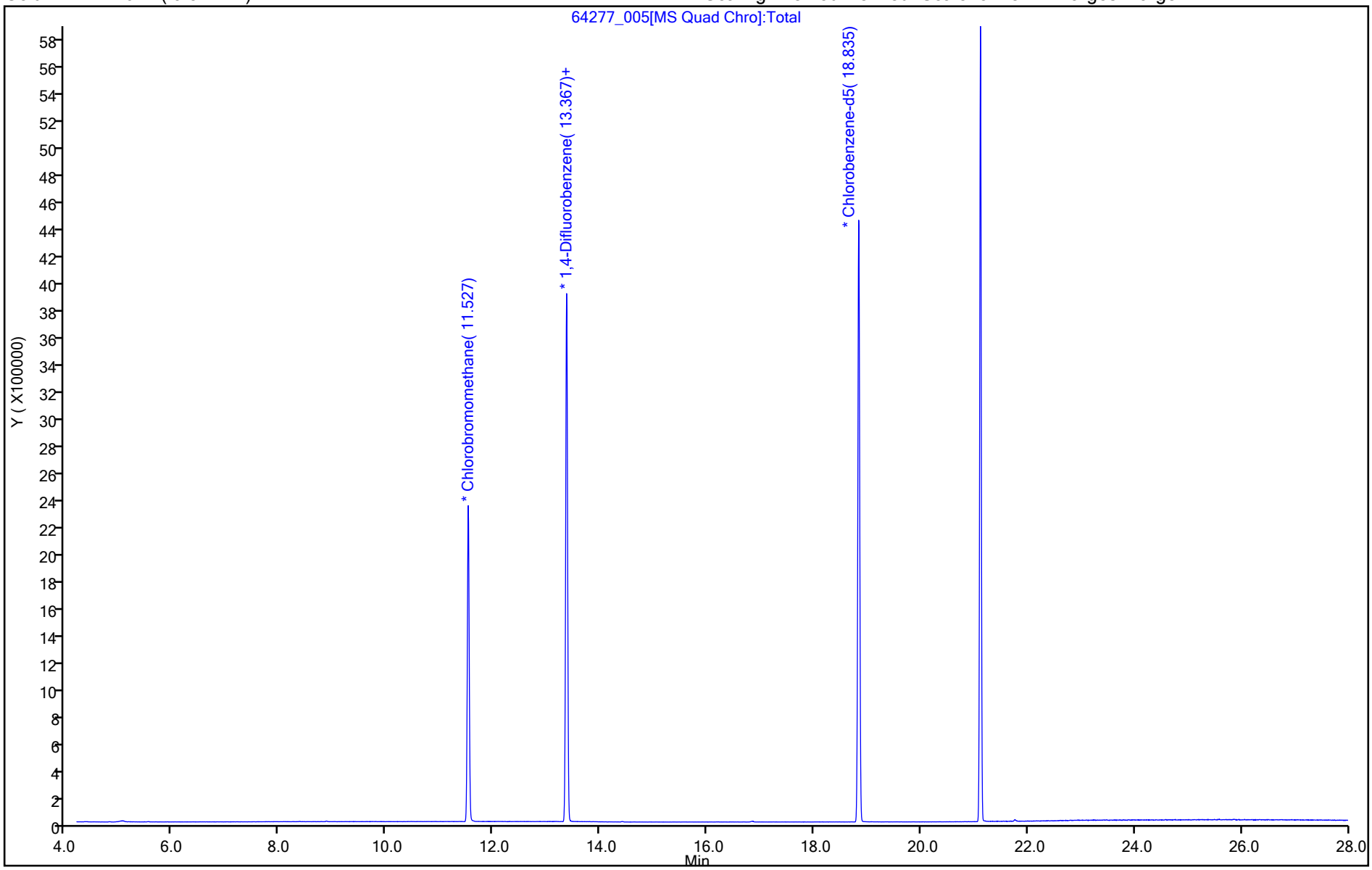
Report Date: 14-Mar-2025 08:58:42 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250313-64277.b\64277_005.D

Injection Date:	13-Mar-2025 10:48:22	Instrument ID:	CHAN.i	Operator ID:	wrd
Lims ID:	200-77264-A-10	Lab Sample ID:	200-77264-10	Worklist Smp#:	5
Client ID:	3630				
Purge Vol:	200.000 mL	Dil. Factor:	0.2500	ALS Bottle#:	5
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



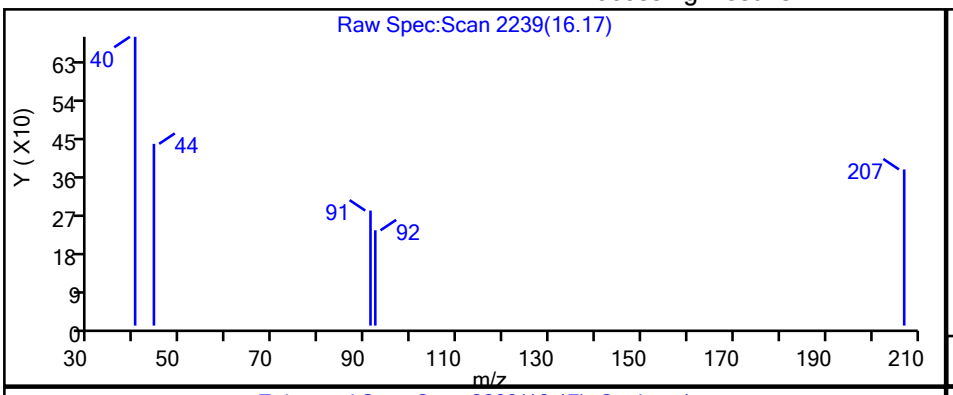
User Disabled Compound Report

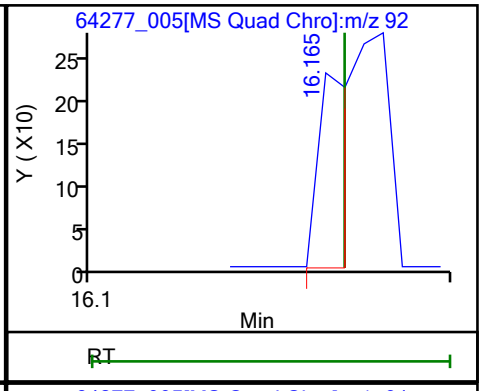
Eurofins Burlington

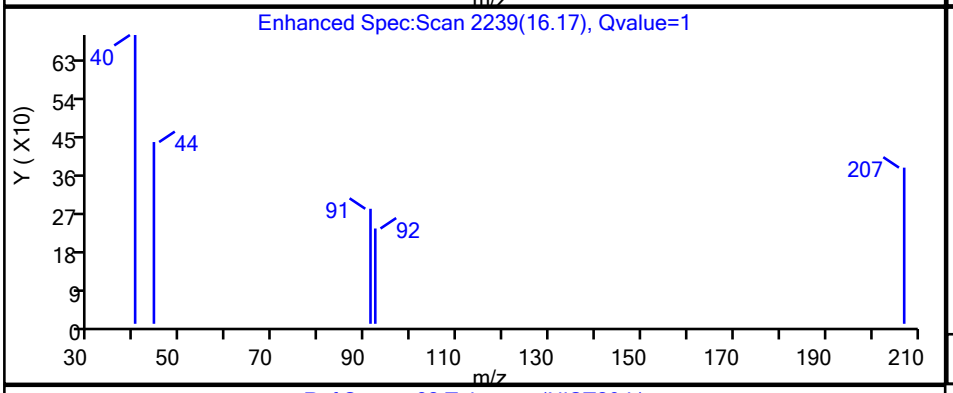
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Injection Date:	13-Mar-2025 10:48:22	Instrument ID:	CHAN.i		
Lims ID:	200-77264-A-10	Lab Sample ID:	200-77264-10		
Client ID:	3630				
Operator ID:	wrd	ALS Bottle#:	5	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	0.2500		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

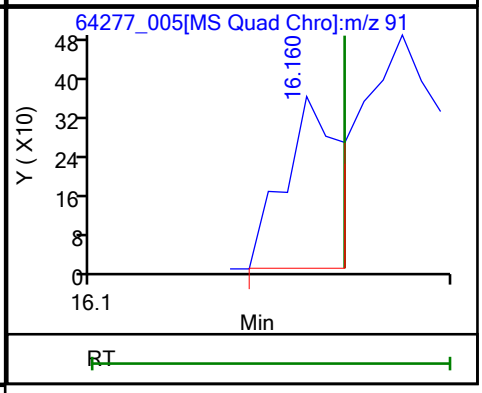
62 Toluene, CAS: 108-88-3

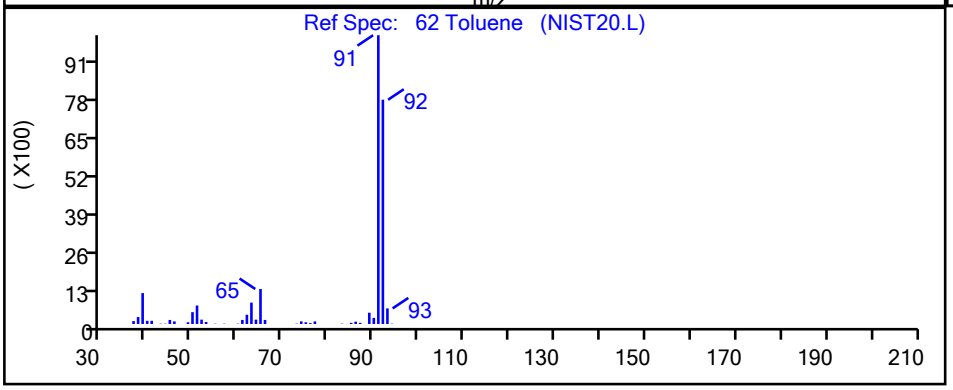
Processing Results











RT	Mass	Response	Amount
16.17	92.00	140	0.000793
16.16	91.00	388	

Reviewer: F7XK, 14-Mar-2025 08:58:00 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-77265-1

SDG No.:

Client Sample ID: 3081 Lab Sample ID: 200-77265-10

Matrix: Air Lab File ID: 64253_026.D

Analysis Method: TO-15 Date Collected: 03/11/2025 00:00

Sample wt/vol: 800(mL) Date Analyzed: 03/13/2025 04:42

Soil Aliquot Vol: Dilution Factor: 0.25

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 214205 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.3	U	1.3	1.3
75-71-8	Dichlorodifluoromethane	0.13	U	0.13	0.13
75-45-6	Freon 22	0.13	U	0.13	0.13
76-14-2	1,2-Dichlorotetrafluoroethane	0.050	U	0.050	0.050
74-87-3	Chloromethane	0.13	U	0.13	0.13
106-97-8	n-Butane	0.13	U	0.13	0.13
75-01-4	Vinyl chloride	0.035	U	0.035	0.035
106-99-0	1,3-Butadiene	0.050	U	0.050	0.050
74-83-9	Bromomethane	0.050	U	0.050	0.050
75-00-3	Chloroethane	0.13	U	0.13	0.13
593-60-2	Bromoethene(Vinyl Bromide)	0.050	U	0.050	0.050
75-69-4	Trichlorofluoromethane	0.050	U	0.050	0.050
64-17-5	Ethanol	1.3	U	1.3	1.3
76-13-1	Freon TF	0.050	U	0.050	0.050
75-35-4	1,1-Dichloroethene	0.035	U	0.035	0.035
67-64-1	Acetone	1.3	U	1.3	1.3
67-63-0	Isopropyl alcohol	1.3	U	1.3	1.3
75-15-0	Carbon disulfide	0.13	U	0.13	0.13
107-05-1	3-Chloropropene	0.13	U	0.13	0.13
75-09-2	Methylene Chloride	0.13	U	0.13	0.13
75-65-0	tert-Butyl alcohol	1.3	U	1.3	1.3
1634-04-4	Methyl tert-butyl ether	0.050	U	0.050	0.050
156-60-5	trans-1,2-Dichloroethene	0.050	U	0.050	0.050
110-54-3	n-Hexane	0.13	U	0.13	0.13
75-34-3	1,1-Dichloroethane	0.050	U	0.050	0.050
108-05-4	Vinyl acetate	1.3	U	1.3	1.3
141-78-6	Ethyl acetate	1.3	U	1.3	1.3
78-93-3	Methyl Ethyl Ketone	0.13	U	0.13	0.13
156-59-2	cis-1,2-Dichloroethene	0.035	U	0.035	0.035
540-59-0	1,2-Dichloroethene, Total	0.10	U	0.10	0.10
67-66-3	Chloroform	0.050	U	0.050	0.050
109-99-9	Tetrahydrofuran	1.3	U	1.3	1.3

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington | Job No.: 200-77265-1

SDG No.:

Client Sample ID: 3081 | Lab Sample ID: 200-77265-10

Matrix: Air | Lab File ID: 64253_026.D

Analysis Method: TO-15 | Date Collected: 03/11/2025 00:00

Sample wt/vol: 800(mL) | Date Analyzed: 03/13/2025 04:42

Soil Aliquot Vol: | Dilution Factor: 0.25

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: | Heated Purge: (Y/N) pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 214205 | Units: ppb v/v

Preparation Batch No.: | Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-55-6	1,1,1-Trichloroethane	0.050	U	0.050	0.050
110-82-7	Cyclohexane	0.050	U	0.050	0.050
56-23-5	Carbon tetrachloride	0.035	U	0.035	0.035
540-84-1	2,2,4-Trimethylpentane	0.050	U	0.050	0.050
71-43-2	Benzene	0.050	U	0.050	0.050
107-06-2	1,2-Dichloroethane	0.050	U	0.050	0.050
142-82-5	n-Heptane	0.050	U	0.050	0.050
79-01-6	Trichloroethene	0.035	U	0.035	0.035
80-62-6	Methyl methacrylate	0.13	U	0.13	0.13
78-87-5	1,2-Dichloropropane	0.050	U	0.050	0.050
123-91-1	1,4-Dioxane	1.3	U	1.3	1.3
75-27-4	Bromodichloromethane	0.050	U	0.050	0.050
10061-01-5	cis-1,3-Dichloropropene	0.050	U	0.050	0.050
108-10-1	methyl isobutyl ketone	0.13	U	0.13	0.13
108-88-3	Toluene	0.050	U	0.050	0.050
10061-02-6	trans-1,3-Dichloropropene	0.050	U	0.050	0.050
79-00-5	1,1,2-Trichloroethane	0.050	U	0.050	0.050
127-18-4	Tetrachloroethene	0.050	U	0.050	0.050
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.13	U	0.13	0.13
124-48-1	Dibromochloromethane	0.050	U	0.050	0.050
106-93-4	1,2-Dibromoethane	0.050	U	0.050	0.050
108-90-7	Chlorobenzene	0.050	U	0.050	0.050
100-41-4	Ethylbenzene	0.050	U	0.050	0.050
179601-23-1	m,p-Xylene	0.13	U	0.13	0.13
95-47-6	Xylene, o-	0.050	U	0.050	0.050
1330-20-7	Xylene (total)	0.18	U	0.18	0.18
100-42-5	Styrene	0.050	U	0.050	0.050
75-25-2	Bromoform	0.050	U	0.050	0.050
98-82-8	Cumene	0.050	U	0.050	0.050
79-34-5	1,1,2,2-Tetrachloroethane	0.050	U	0.050	0.050
103-65-1	n-Propylbenzene	0.050	U	0.050	0.050
622-96-8	4-Ethyltoluene	0.050	U	0.050	0.050

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-77265-1

SDG No.:

Client Sample ID: 3081 Lab Sample ID: 200-77265-10

Matrix: Air Lab File ID: 64253_026.D

Analysis Method: TO-15 Date Collected: 03/11/2025 00:00

Sample wt/vol: 800(mL) Date Analyzed: 03/13/2025 04:42

Soil Aliquot Vol: Dilution Factor: 0.25

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 214205 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
108-67-8	1,3,5-Trimethylbenzene	0.050	U	0.050	0.050
95-49-8	2-Chlorotoluene	0.050	U	0.050	0.050
98-06-6	tert-Butylbenzene	0.050	U	0.050	0.050
95-63-6	1,2,4-Trimethylbenzene	0.050	U	0.050	0.050
135-98-8	sec-Butylbenzene	0.050	U	0.050	0.050
99-87-6	4-Isopropyltoluene	0.050	U	0.050	0.050
541-73-1	1,3-Dichlorobenzene	0.050	U	0.050	0.050
106-46-7	1,4-Dichlorobenzene	0.050	U	0.050	0.050
100-44-7	Benzyl chloride	0.050	U	0.050	0.050
104-51-8	n-Butylbenzene	0.050	U	0.050	0.050
95-50-1	1,2-Dichlorobenzene	0.050	U	0.050	0.050
120-82-1	1,2,4-Trichlorobenzene	0.13	U	0.13	0.13
87-68-3	Hexachlorobutadiene	0.050	U	0.050	0.050
91-20-3	Naphthalene	0.13	U	0.13	0.13

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250312-64253.b\64253_026.D
Lims ID: 200-77265-A-10
Client ID: 3081
Sample Type: Client
Inject. Date: 13-Mar-2025 04:42:08 ALS Bottle#: 26 Worklist Smp#: 26
Purge Vol: 200.000 mL Dil. Factor: 0.2500
Sample Info: 200-0064253-026
Operator ID: wrd Instrument ID: CHAN.i

Method: \\chromfs\Burlington\ChromData\CHAN.i\20250312-64253.b\TO15_TO3_Master_Method_AN.m
Limit Group: AI_TO15_ICAL
Last Update: 13-Mar-2025 16:32:44 Calib Date: 26-Feb-2025 03:04:44
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAN.i\20250225-64097.b\64097_015.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1693

First Level Reviewer: F7XK Date: 13-Mar-2025 16:32:44

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	1 Propene	41		4.347				ND	7
	2 Dichlorodifluoromethane	85		4.444				ND	
	3 Chlorodifluoromethane	51		4.487				ND	
	4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.808				ND	
	5 Chloromethane	50	4.920	4.920	-0.005	86	1831	0.0329	M
	6 Vinyl chloride	62		5.219				ND	
	7 Butane	43	5.225	5.225	0.000	96	4847	0.0670	7M
	8 Butadiene	54		5.332				ND	7
	9 Bromomethane	94		6.054				ND	
	10 Chloroethane	64		6.322				ND	
	13 Vinyl bromide	106		6.744				ND	
	14 Trichlorofluoromethane	101		6.910				ND	
	16 Ethanol	45		7.252				ND	7
	20 1,1-Dichloroethene	96		7.959				ND	MU
	21 1,1,2-Trichloro-1,2,2-trifluoroe	101		8.007				ND	
	22 Acetone	43		8.017				ND	7
	23 Isopropyl alcohol	45		8.306				ND	7
	24 Carbon disulfide	76		8.365				ND	7
	26 3-Chloro-1-propene	41		8.649				ND	
	27 Methylene Chloride	49	8.879	8.879	0.006	88	2200	0.0351	7M
	28 2-Methyl-2-propanol	59		9.066				ND	
	30 trans-1,2-Dichloroethene	61		9.376				ND	
	31 Methyl tert-butyl ether	73		9.376				ND	7
	32 Hexane	57	9.895	9.895	0.000	91	1514	0.0173	
	33 1,1-Dichloroethane	63		10.131				ND	
	34 Vinyl acetate	43		10.136				ND	7
S	35 1,2-Dichloroethene, Total	61		10.200				ND	7
	36 2-Butanone (MEK)	72		11.083				ND	
	37 cis-1,2-Dichloroethene	96		11.126				ND	7
	38 Ethyl acetate	88		11.174				ND	
*	39 Chlorobromomethane	128	11.527	11.527	0.000	78	748290	10.0	
	40 Tetrahydrofuran	42		11.570				ND	

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	41 Chloroform	83		11.703				ND	
	42 1,1,1-Trichloroethane	97		12.019				ND	
	43 Cyclohexane	84		12.174				ND	
	44 Carbon tetrachloride	117		12.303				ND	
	45 Benzene	78		12.645				ND	MU
	46 1,2-Dichloroethane	62		12.704				ND	
	47 Isooctane	57		12.875				ND	
	48 n-Heptane	43		13.180				ND	7
*	49 1,4-Difluorobenzene	114	13.367	13.367	0.000	94	3544949	10.0	
	51 Trichloroethene	95	13.806	13.806	0.000	74	2026	0.0211	
	53 1,2-Dichloropropane	63		14.255				ND	
	54 Methyl methacrylate	69		14.341				ND	
	55 1,4-Dioxane	88		14.378				ND	
	57 Dibromomethane	174	14.416	14.411	0.006	87	1681	0.0187	
	58 Dichlorobromomethane	83		14.715				ND	
	59 cis-1,3-Dichloropropene	75		15.523				ND	
	61 4-Methyl-2-pentanone (MIBK)	43		15.775				ND	
	62 Toluene	92		16.170				ND	7
	66 trans-1,3-Dichloropropene	75		16.566				ND	
	67 1,1,2-Trichloroethane	83		16.941				ND	
	68 Tetrachloroethene	166		17.166				ND	
	69 2-Hexanone	43		17.347				ND	
	70 Chlorodibromomethane	129		17.679				ND	
	71 Ethylene Dibromide	107		17.920				ND	
*	73 Chlorobenzene-d5	117	18.835	18.840	-0.005	87	3064771	10.0	
	74 Chlorobenzene	112		18.899				ND	
	75 Ethylbenzene	91		19.091				ND	
	76 m-Xylene & p-Xylene	106		19.359				ND	
S	80 Xylenes, Total	106		20.100				ND	7
	78 o-Xylene	106		20.129				ND	
	79 Styrene	104		20.156				ND	
	81 Bromoform	173		20.493				ND	
	82 Isopropylbenzene	105		20.819				ND	
	83 1,1,2,2-Tetrachloroethane	83		21.312				ND	7
	85 N-Propylbenzene	91		21.531				ND	
	86 2-Chlorotoluene	91		21.675				ND	
	87 4-Ethyltoluene	105		21.724				ND	
	88 1,3,5-Trimethylbenzene	105		21.820				ND	
	91 tert-Butylbenzene	119		22.301				ND	
	92 1,2,4-Trimethylbenzene	105		22.387				ND	
	93 sec-Butylbenzene	105		22.622				ND	
	94 1,3-Dichlorobenzene	146		22.793				ND	
	95 4-Isopropyltoluene	119		22.836				ND	
	96 1,4-Dichlorobenzene	146		22.933				ND	
	97 Benzyl chloride	91		23.072				ND	
	98 n-Butylbenzene	91		23.393				ND	7
	99 1,2-Dichlorobenzene	146		23.419				ND	7
	102 1,2,4-Trichlorobenzene	180		25.864				ND	
	103 Hexachlorobutadiene	225		26.121				ND	
	104 Naphthalene	128		26.340				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

U - Marked Undetected

Reagents:

ATTO15CISs_00012 Amount Added: 20.00 Units: mL Run Reagent

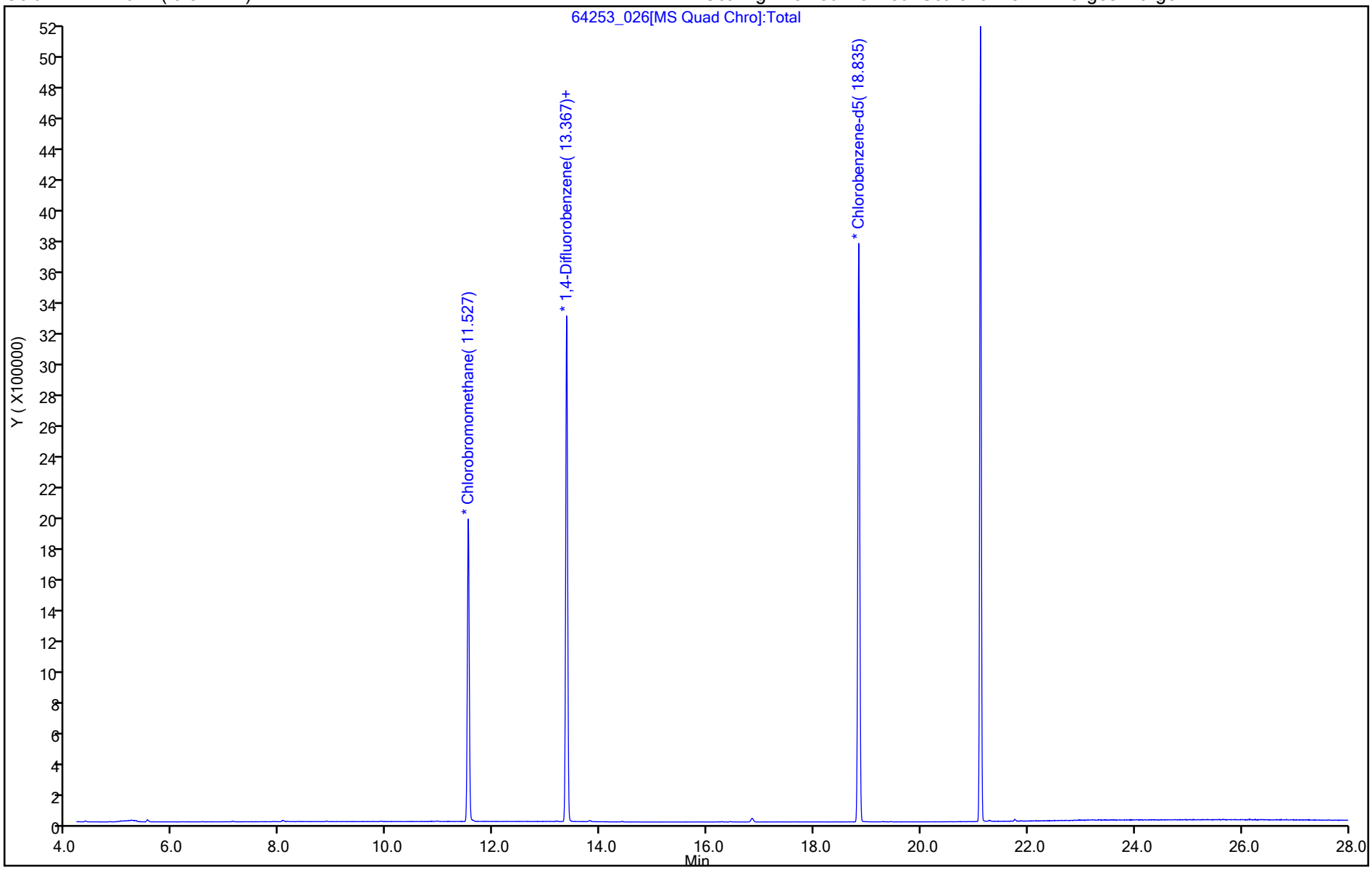
Report Date: 13-Mar-2025 16:32:44 Chrom Revision: 2.3 18-Feb-2025 08:41:40

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250312-64253.b\64253_026.D

Injection Date:	13-Mar-2025 04:42:08	Instrument ID:	CHAN.i	Operator ID:	wrd
Lims ID:	200-77265-A-10	Lab Sample ID:	200-77265-10	Worklist Smp#:	26
Client ID:	3081				
Purge Vol:	200.000 mL	Dil. Factor:	0.2500	ALS Bottle#:	26
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins Burlington

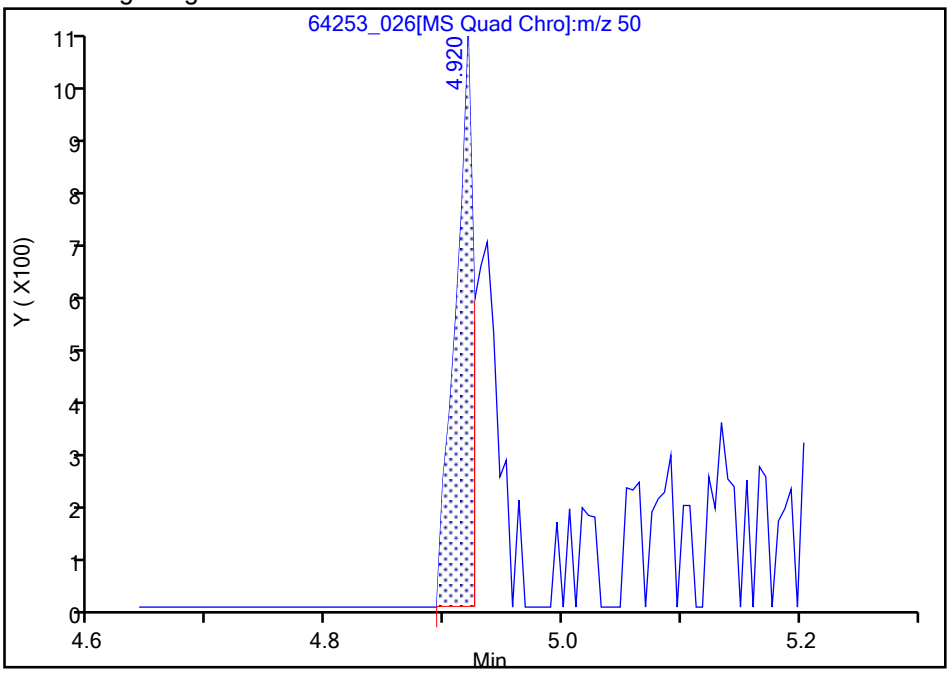
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Injection Date:	13-Mar-2025 04:42:08	Instrument ID:	CHAN.i		
Lims ID:	200-77265-A-10	Lab Sample ID:	200-77265-10		
Client ID:	3081				
Operator ID:	wrd	ALS Bottle#:	26	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	0.2500		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

5 Chloromethane, CAS: 74-87-3

Signal: 1

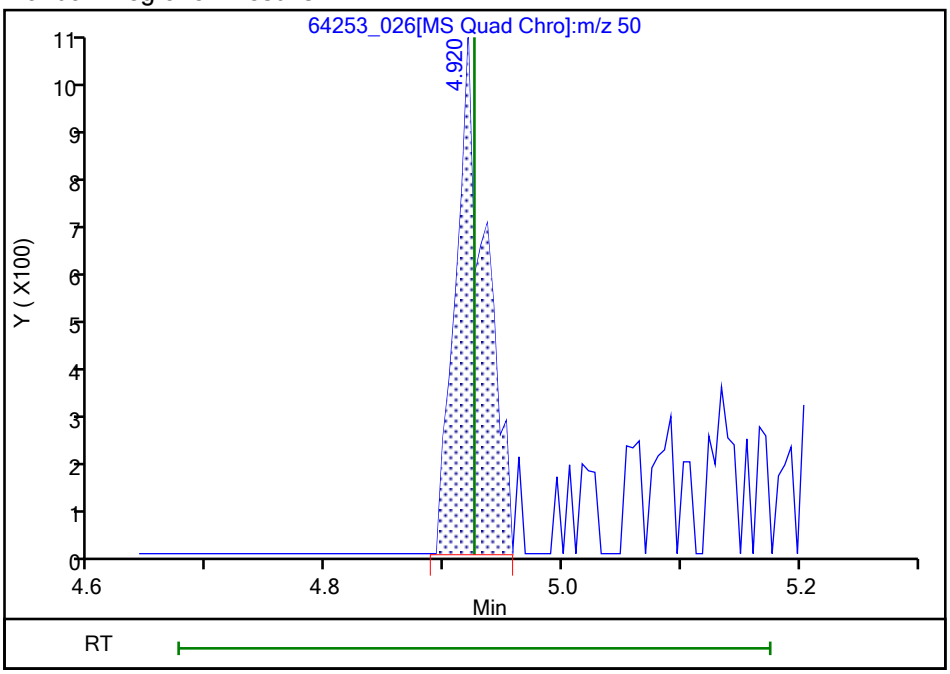
Processing Integration Results

RT: 4.92
Area: 1100
Amount: 0.019769
Amount Units: ppb v/v



Manual Integration Results

RT: 4.92
Area: 1831
Amount: 0.032906
Amount Units: ppb v/v



Reviewer: F7XK, 13-Mar-2025 16:29:39 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

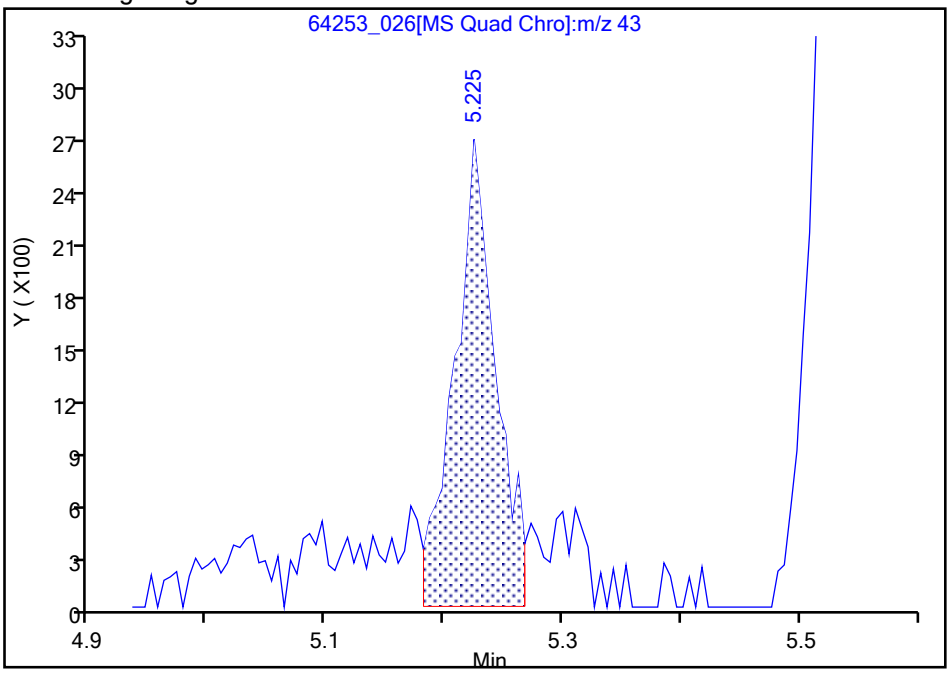
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Injection Date:	13-Mar-2025 04:42:08	Instrument ID:	CHAN.i		
Lims ID:	200-77265-A-10	Lab Sample ID:	200-77265-10		
Client ID:	3081				
Operator ID:	wrd	ALS Bottle#:	26	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	0.2500		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

7 Butane, CAS: 106-97-8

Signal: 1

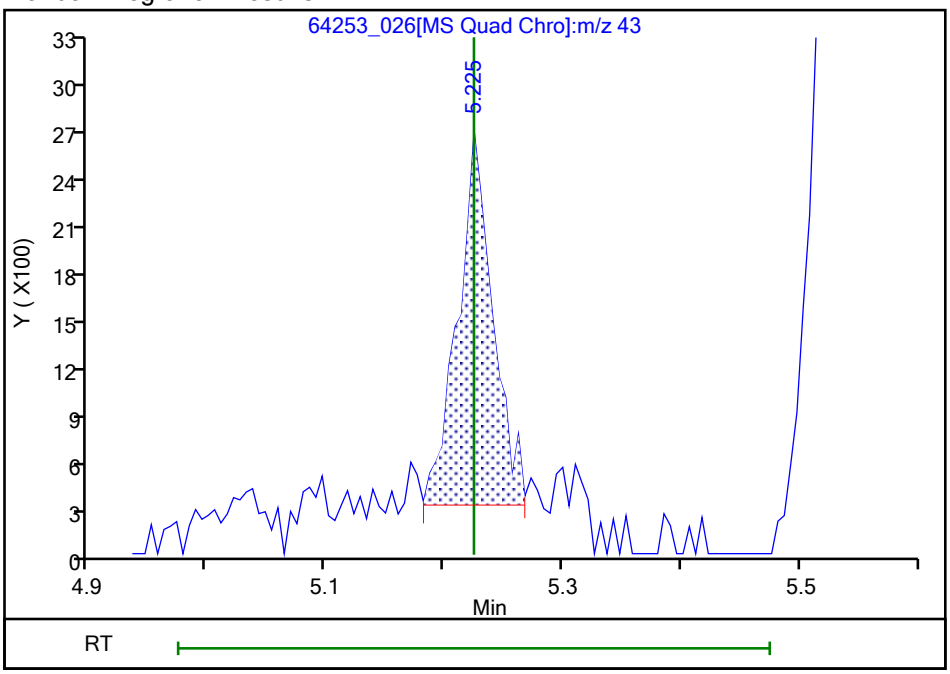
Processing Integration Results

RT: 5.22
Area: 6571
Amount: 0.090875
Amount Units: ppb v/v



Manual Integration Results

RT: 5.22
Area: 4847
Amount: 0.067033
Amount Units: ppb v/v



Reviewer: F7XK, 13-Mar-2025 16:29:57 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

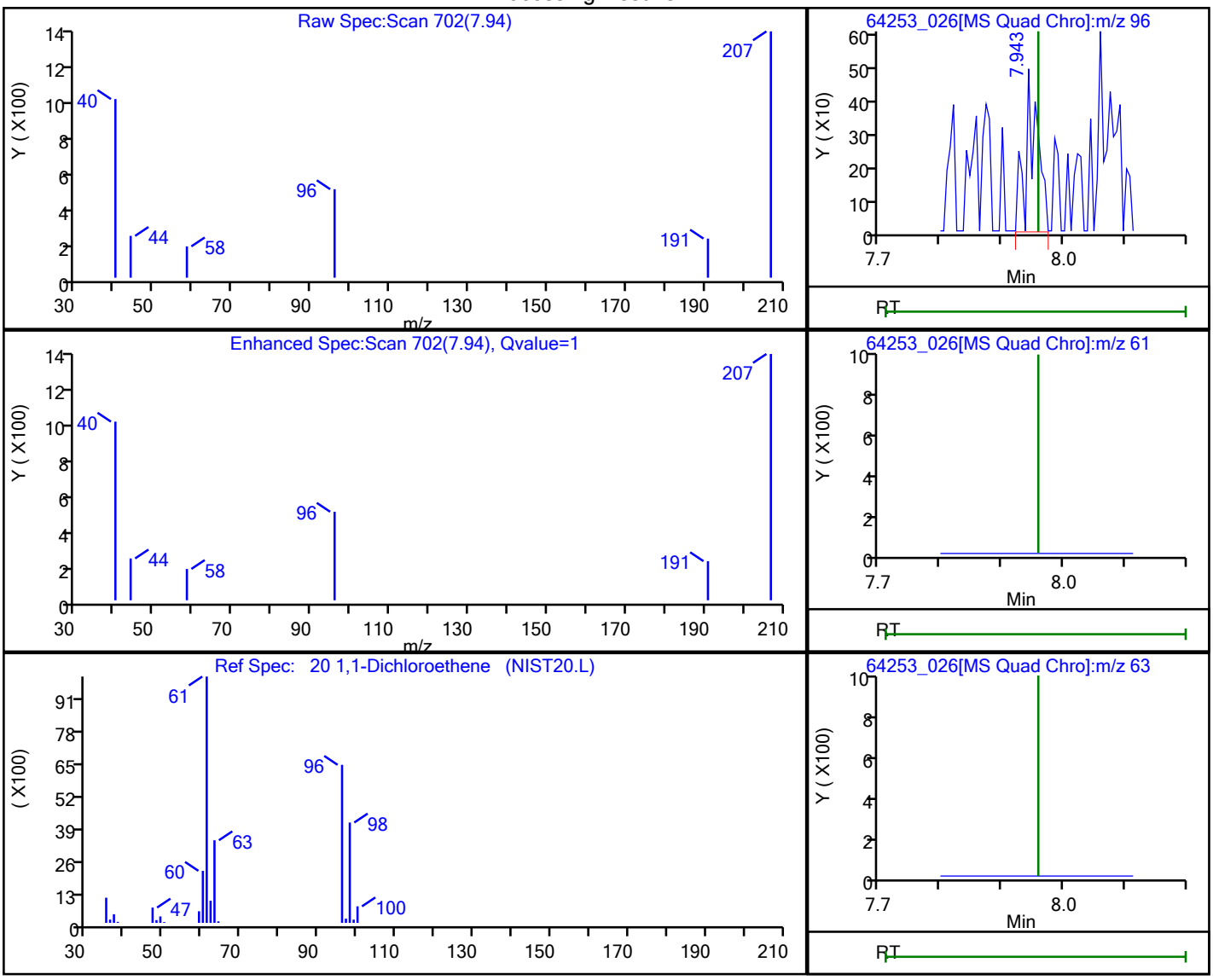
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250312-64253.b\64253_026.D				
Injection Date:	13-Mar-2025 04:42:08	Instrument ID:	CHAN.i		
Lims ID:	200-77265-A-10	Lab Sample ID:	200-77265-10		
Client ID:	3081				
Operator ID:	wrd	ALS Bottle#:	26	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	0.2500		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

20 1,1-Dichloroethene, CAS: 75-35-4

Processing Results



RT	Mass	Response	Amount
7.94	96.00	666	0.008933
7.96	61.00	0	
7.96	63.00	0	

Reviewer: F7XK, 13-Mar-2025 16:30:46 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Burlington

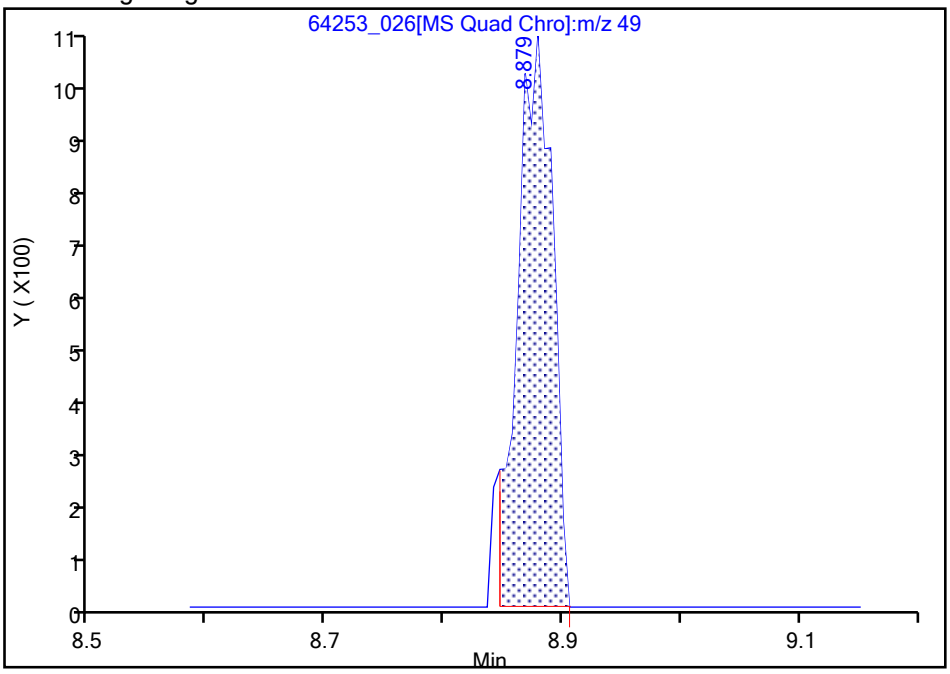
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250312-64253.b\64253_026.D				
Injection Date:	13-Mar-2025 04:42:08	Instrument ID:	CHAN.i		
Lims ID:	200-77265-A-10	Lab Sample ID:	200-77265-10		
Client ID:	3081				
Operator ID:	wrd	ALS Bottle#:	26	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	0.2500		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

27 Methylene Chloride, CAS: 75-09-2

Signal: 1

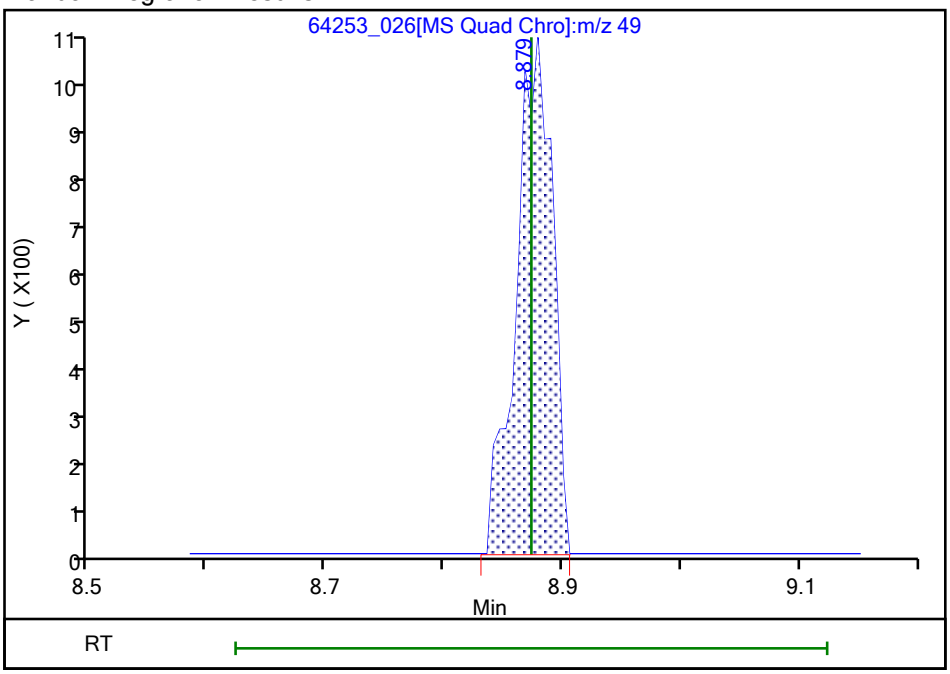
Processing Integration Results

RT: 8.88
Area: 2130
Amount: 0.033936
Amount Units: ppb v/v



Manual Integration Results

RT: 8.88
Area: 2200
Amount: 0.035051
Amount Units: ppb v/v



Reviewer: F7XK, 13-Mar-2025 16:31:10 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

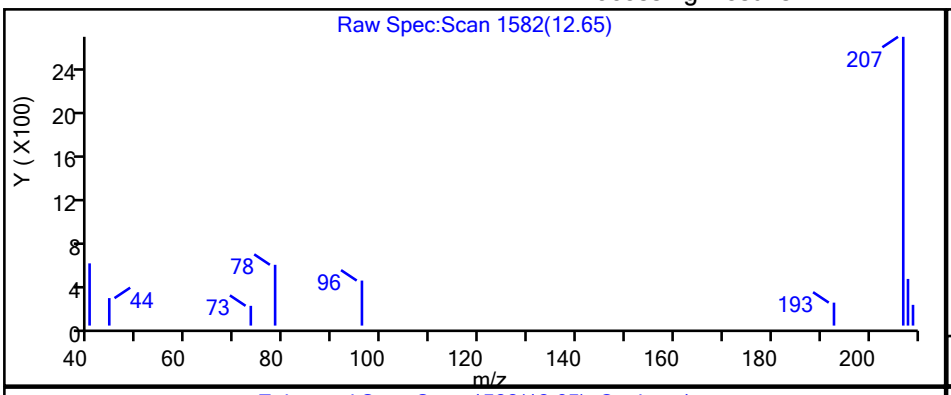
User Disabled Compound Report

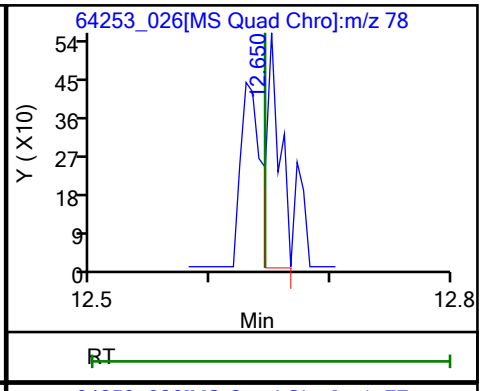
Eurofins Burlington

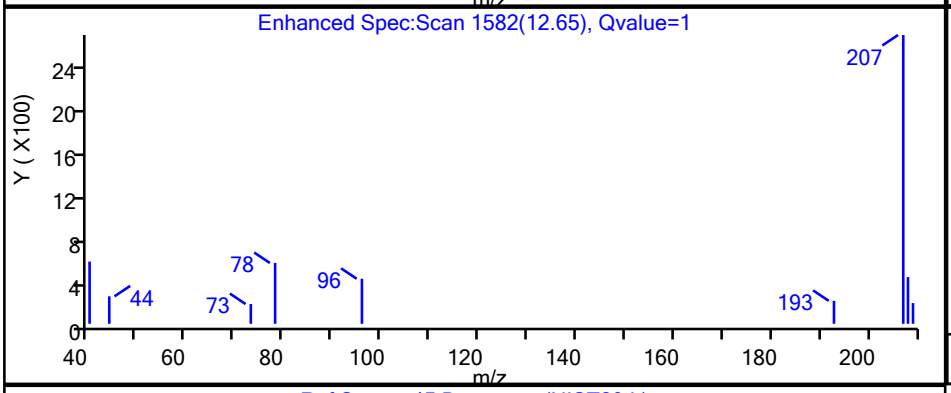
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Injection Date:	13-Mar-2025 04:42:08	Instrument ID:	CHAN.i		
Lims ID:	200-77265-A-10	Lab Sample ID:	200-77265-10		
Client ID:	3081				
Operator ID:	wrd	ALS Bottle#:	26	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	0.2500		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

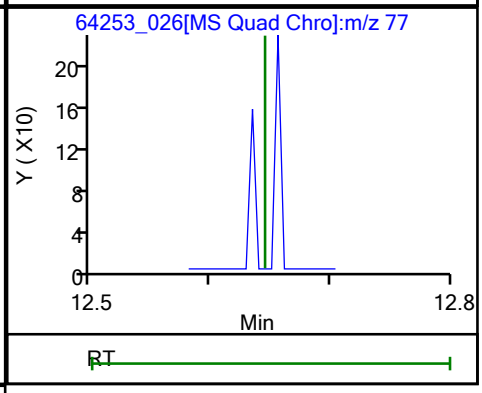
45 Benzene, CAS: 71-43-2

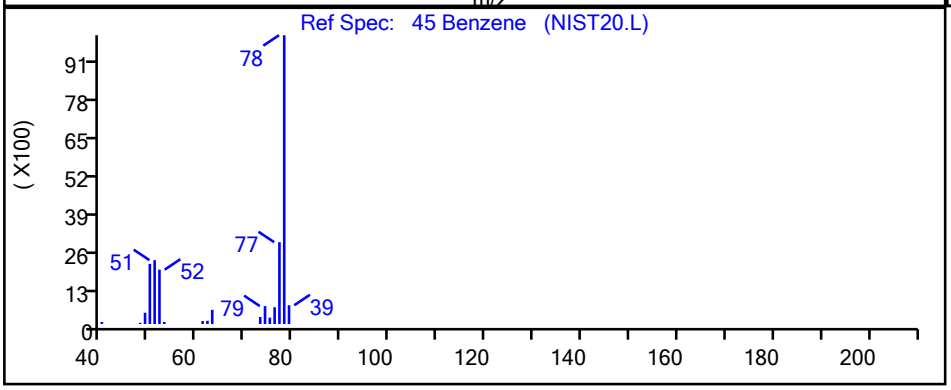
Processing Results











RT	Mass	Response	Amount
12.65	78.00	424	0.002078
12.64	77.00	0	

Reviewer: F7XK, 13-Mar-2025 16:31:47 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Summa Canister Dilution Worksheet

Client: GHD Services Inc.
Project/Site: 12616852, GM-Lockport Air 256042

Job No.: 480-228117-1

Lab Sample ID	Canister Volume (L)	Preadjusted Pressure ("Hg)	Preadjusted Pressure (atm)	Preadjusted Volume (L)	Adjusted Pressure (psig)	Adjusted Pressure (atm)	Adjusted Volume (L)	Initial Volume (mL)	Dilution Factor	Final Dilution Factor	Pressure Gauge ID	Date	Analyst Initals
480-228117-6	6	-17.2	0.43	2.55	-4.12569	0.72	4.32		1.69	1.69	G16	03/28/25 14:52	CRC
480-228117-8	6	-22.2	0.26	1.55	-4.12569	0.72	4.32		2.79	2.79	G16	03/28/25 14:52	CRC

Formulae:

Preadjusted Volume (L) = ((Preadjusted Pressure ("Hg) + 29.92 "Hg) * Vol L) / 29.92 "Hg
Adjusted Volume (L) = ((Adjusted Pressure (psig) + 14.7 psig)* Vol L) / 14.7 psig
Dilution Factor = Adjusted Volume (L) / Preadjusted Volume (L)

Where:

29.92 "Hg = Standard atmospheric pressure in inches of Mercury (“Hg)
14.7 psig = Standard atmospheric pressure in pounds per square inch gauge (psig)

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ANALYTICAL REPORT

PREPARED FOR

Attn: Christopher Arcuri
GHD Services Inc.
2055 Niagara Falls Blvd., Suite 3
Niagara Falls, New York 14304

Generated 4/14/2025 10:37:13 AM

JOB DESCRIPTION

12616852, GM-Lockport Air 256042

JOB NUMBER

480-228118-1

Eurofins Buffalo
10 Hazelwood Drive
Amherst NY 14228-2298

See page two for job notes and contact information.

my EOL

Job Notes

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Authorization



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Authorized for release by
Denise Heckler, Project Manager II
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(330)966-9477

Table of Contents

Cover Page 1
Table of Contents 3
Definitions/Glossary 4
Case Narrative 5
Detection Summary 6
Client Sample Results 10
QC Sample Results 22
QC Association Summary 31
Lab Chronicle 32
Certification Summary 33
Method Summary 34
Sample Summary 35
Chain of Custody 36
Receipt Checklists 37
Clean Canister Certification 38
Pre-Ship Certification 38
Clean Canister Data 40

Definitions/Glossary

Client: GHD Services Inc.
Job ID: 480-228118-1
Project/Site: 12616852, GM-Lockport Air 256042

Qualifiers

Air - GC/MS VOA

Qualifier	Qualifier Description
E	Result exceeded calibration range.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

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

Job ID: 480-228118-1 Eurofins Buffalo

Job Narrative
480-228118-1

Receipt
The samples were received on 3/20/2025 10:40 AM. Unless otherwise noted below, the samples arrived in good condition.

Air - GC/MS VOA
Method TO15: The initial calibration verification (ICV) result for batch 200-214658 was above the upper control limit. The affected analytes are: Naphthalene. Sample results were non-detects, and have been reported as qualified data.

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

Detection Summary

Client: GHD Services Inc.
Project/Site: 12616852, GM-Lockport Air 256042

Job ID: 480-228118-1

Client Sample ID: 7A-IA-1-031825 — Lab Sample ID: 480-228118-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.5		2.5	1.1	ug/m3	1		TO-15	Total/NA
Freon 22	6.9		1.8	1.3	ug/m3	1		TO-15	Total/NA
Chloromethane	1.3		1.0	0.68	ug/m3	1		TO-15	Total/NA
n-Butane	2.5		1.2	0.74	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.4		1.1	0.43	ug/m3	1		TO-15	Total/NA
Freon TF	0.57	J	1.5	0.44	ug/m3	1		TO-15	Total/NA
Acetone	9.5	J	12	4.5	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	30		12	5.4	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone	1.0	J	1.5	0.41	ug/m3	1		TO-15	Total/NA
cis-1,2-Dichloroethene	0.13	J	0.79	0.13	ug/m3	1		TO-15	Total/NA
1,2-Dichloroethene, Total	0.13	J	1.6	0.079	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.46	J	1.3	0.15	ug/m3	1		TO-15	Total/NA
Benzene	0.39	J	0.64	0.16	ug/m3	1		TO-15	Total/NA
n-Heptane	0.77	J	0.82	0.35	ug/m3	1		TO-15	Total/NA
Trichloroethene	0.29	J	1.1	0.16	ug/m3	1		TO-15	Total/NA
Toluene	1.4		0.75	0.20	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	1.7		1.4	0.24	ug/m3	1		TO-15	Total/NA
m,p-Xylene	0.44	J	2.2	0.061	ug/m3	1		TO-15	Total/NA
Xylene (total)	0.44	J	3.0	0.061	ug/m3	1		TO-15	Total/NA

Client Sample ID: 7A-IA-2-031825 — Lab Sample ID: 480-228118-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.9		2.5	1.1	ug/m3	1		TO-15	Total/NA
Freon 22	120		1.8	1.3	ug/m3	1		TO-15	Total/NA
Chloromethane	1.3		1.0	0.68	ug/m3	1		TO-15	Total/NA
n-Butane	3.0		1.2	0.74	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.5		1.1	0.43	ug/m3	1		TO-15	Total/NA
Freon TF	0.66	J	1.5	0.44	ug/m3	1		TO-15	Total/NA
Acetone	9.4	J	12	4.5	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	10	J	12	5.4	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone	0.73	J	1.5	0.41	ug/m3	1		TO-15	Total/NA
cis-1,2-Dichloroethene	0.64	J	0.79	0.13	ug/m3	1		TO-15	Total/NA
1,2-Dichloroethene, Total	0.64	J	1.6	0.079	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.52	J	1.3	0.15	ug/m3	1		TO-15	Total/NA
Benzene	0.40	J	0.64	0.16	ug/m3	1		TO-15	Total/NA
Trichloroethene	0.93	J	1.1	0.16	ug/m3	1		TO-15	Total/NA
Toluene	0.78		0.75	0.20	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	1.5		1.4	0.24	ug/m3	1		TO-15	Total/NA
m,p-Xylene	0.36	J	2.2	0.061	ug/m3	1		TO-15	Total/NA
Xylene (total)	0.36	J	3.0	0.061	ug/m3	1		TO-15	Total/NA

Client Sample ID: 10-IA-1-031825 — Lab Sample ID: 480-228118-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.4	J	2.5	1.1	ug/m3	1		TO-15	Total/NA
Freon 22	1.6	J	1.8	1.3	ug/m3	1		TO-15	Total/NA
Chloromethane	1.3		1.0	0.68	ug/m3	1		TO-15	Total/NA
n-Butane	8.5		1.2	0.74	ug/m3	1		TO-15	Total/NA
1,3-Butadiene	0.37	J	0.44	0.088	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.4		1.1	0.43	ug/m3	1		TO-15	Total/NA
Freon TF	0.60	J	1.5	0.44	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Client Sample ID: 10-IA-1-031825 (Continued)
Lab Sample ID: 480-228118-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	110	E	12	4.5	ug/m3	1		TO-15	Total/NA
Methylene Chloride	0.75	J	1.7	0.66	ug/m3	1		TO-15	Total/NA
n-Hexane	48		1.8	0.56	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone	1.9		1.5	0.41	ug/m3	1		TO-15	Total/NA
cis-1,2-Dichloroethene	0.59	J	0.79	0.13	ug/m3	1		TO-15	Total/NA
1,2-Dichloroethene, Total	0.59	J	1.6	0.079	ug/m3	1		TO-15	Total/NA
Cyclohexane	11		0.69	0.18	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.51	J	1.3	0.15	ug/m3	1		TO-15	Total/NA
Benzene	2.4		0.64	0.16	ug/m3	1		TO-15	Total/NA
Trichloroethene	0.88	J	1.1	0.16	ug/m3	1		TO-15	Total/NA
Toluene	89		0.75	0.20	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	5.8		1.4	0.24	ug/m3	1		TO-15	Total/NA
Chlorobenzene	0.88	J	0.92	0.22	ug/m3	1		TO-15	Total/NA
Ethylbenzene	0.46	J	0.87	0.22	ug/m3	1		TO-15	Total/NA
m,p-Xylene	1.0	J	2.2	0.061	ug/m3	1		TO-15	Total/NA
Xylene, o-	0.34	J	0.87	0.30	ug/m3	1		TO-15	Total/NA
Xylene (total)	1.3	J	3.0	0.061	ug/m3	1		TO-15	Total/NA
Styrene	0.42	J	0.85	0.24	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.55	J	0.98	0.40	ug/m3	1		TO-15	Total/NA
Naphthalene	1.5	J	2.6	0.58	ug/m3	1		TO-15	Total/NA
n-Butane - DL	7.6		3.6	2.2	ug/m3	2.99		TO-15	Total/NA
1,3-Butadiene - DL	0.40	J	1.3	0.26	ug/m3	2.99		TO-15	Total/NA
Trichlorofluoromethane - DL	1.3	J	3.4	1.3	ug/m3	2.99		TO-15	Total/NA
Acetone - DL	100		36	13	ug/m3	2.99		TO-15	Total/NA
n-Hexane - DL	41		5.3	1.7	ug/m3	2.99		TO-15	Total/NA
Methyl Ethyl Ketone - DL	1.6	J	4.4	1.2	ug/m3	2.99		TO-15	Total/NA
cis-1,2-Dichloroethene - DL	0.57	J	2.4	0.38	ug/m3	2.99		TO-15	Total/NA
1,2-Dichloroethene, Total - DL	0.57	J	4.7	0.24	ug/m3	2.99		TO-15	Total/NA
Cyclohexane - DL	9.1		2.1	0.54	ug/m3	2.99		TO-15	Total/NA
Carbon tetrachloride - DL	0.45	J	3.8	0.45	ug/m3	2.99		TO-15	Total/NA
Benzene - DL	2.1		1.9	0.49	ug/m3	2.99		TO-15	Total/NA
Trichloroethene - DL	0.79	J	3.2	0.47	ug/m3	2.99		TO-15	Total/NA
Toluene - DL	77		2.3	0.61	ug/m3	2.99		TO-15	Total/NA
Tetrachloroethene - DL	5.2		4.1	0.73	ug/m3	2.99		TO-15	Total/NA
Chlorobenzene - DL	0.77	J	2.8	0.65	ug/m3	2.99		TO-15	Total/NA
m,p-Xylene - DL	0.85	J	6.5	0.18	ug/m3	2.99		TO-15	Total/NA
Xylene (total) - DL	0.85	J	9.1	0.18	ug/m3	2.99		TO-15	Total/NA
Naphthalene - DL	1.7	J	7.8	1.7	ug/m3	2.99		TO-15	Total/NA

Client Sample ID: 10-IA-2-031825
Lab Sample ID: 480-228118-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.4	J	2.5	1.1	ug/m3	1		TO-15	Total/NA
Freon 22	1.3	J	1.8	1.3	ug/m3	1		TO-15	Total/NA
Chloromethane	1.3		1.0	0.68	ug/m3	1		TO-15	Total/NA
n-Butane	11		1.2	0.74	ug/m3	1		TO-15	Total/NA
1,3-Butadiene	0.46		0.44	0.088	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.4		1.1	0.43	ug/m3	1		TO-15	Total/NA
Freon TF	0.62	J	1.5	0.44	ug/m3	1		TO-15	Total/NA
Acetone	120	E	12	4.5	ug/m3	1		TO-15	Total/NA
n-Hexane	48		1.8	0.56	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 10-IA-2-031825 (Continued)
Lab Sample ID: 480-228118-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl Ethyl Ketone	2.4		1.5	0.41	ug/m3	1		TO-15	Total/NA
cis-1,2-Dichloroethene	0.87		0.79	0.13	ug/m3	1		TO-15	Total/NA
1,2-Dichloroethene, Total	0.87	J	1.6	0.079	ug/m3	1		TO-15	Total/NA
Cyclohexane	11		0.69	0.18	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.52	J	1.3	0.15	ug/m3	1		TO-15	Total/NA
Benzene	2.5		0.64	0.16	ug/m3	1		TO-15	Total/NA
n-Heptane	0.51	J	0.82	0.35	ug/m3	1		TO-15	Total/NA
Trichloroethene	1.5		1.1	0.16	ug/m3	1		TO-15	Total/NA
Toluene	86		0.75	0.20	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	11		1.4	0.24	ug/m3	1		TO-15	Total/NA
Chlorobenzene	0.85	J	0.92	0.22	ug/m3	1		TO-15	Total/NA
Ethylbenzene	0.80	J	0.87	0.22	ug/m3	1		TO-15	Total/NA
m,p-Xylene	2.5		2.2	0.061	ug/m3	1		TO-15	Total/NA
Xylene, o-	0.70	J	0.87	0.30	ug/m3	1		TO-15	Total/NA
Xylene (total)	3.2		3.0	0.061	ug/m3	1		TO-15	Total/NA
Styrene	0.47	J	0.85	0.24	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.74	J	0.98	0.40	ug/m3	1		TO-15	Total/NA
Naphthalene	2.0	J	2.6	0.58	ug/m3	1		TO-15	Total/NA
Dichlorodifluoromethane - DL	2.5	J	4.9	2.2	ug/m3	2		TO-15	Total/NA
Chloromethane - DL	1.4	J	2.1	1.4	ug/m3	2		TO-15	Total/NA
n-Butane - DL	11		2.4	1.5	ug/m3	2		TO-15	Total/NA
1,3-Butadiene - DL	0.48	J	0.88	0.18	ug/m3	2		TO-15	Total/NA
Trichlorofluoromethane - DL	1.4	J	2.2	0.87	ug/m3	2		TO-15	Total/NA
Acetone - DL	120		24	9.0	ug/m3	2		TO-15	Total/NA
n-Hexane - DL	46		3.5	1.1	ug/m3	2		TO-15	Total/NA
Methyl Ethyl Ketone - DL	2.3	J	2.9	0.83	ug/m3	2		TO-15	Total/NA
cis-1,2-Dichloroethene - DL	0.85	J	1.6	0.25	ug/m3	2		TO-15	Total/NA
1,2-Dichloroethene, Total - DL	0.85	J	3.2	0.16	ug/m3	2		TO-15	Total/NA
Cyclohexane - DL	10		1.4	0.36	ug/m3	2		TO-15	Total/NA
Carbon tetrachloride - DL	0.50	J	2.5	0.30	ug/m3	2		TO-15	Total/NA
Benzene - DL	2.4		1.3	0.33	ug/m3	2		TO-15	Total/NA
Trichloroethene - DL	1.5	J	2.1	0.31	ug/m3	2		TO-15	Total/NA
Toluene - DL	81		1.5	0.41	ug/m3	2		TO-15	Total/NA
Tetrachloroethene - DL	10		2.7	0.49	ug/m3	2		TO-15	Total/NA
Chlorobenzene - DL	0.81	J	1.8	0.43	ug/m3	2		TO-15	Total/NA
Ethylbenzene - DL	0.76	J	1.7	0.44	ug/m3	2		TO-15	Total/NA
m,p-Xylene - DL	2.2	J	4.3	0.12	ug/m3	2		TO-15	Total/NA
Xylene, o- - DL	0.68	J	1.7	0.60	ug/m3	2		TO-15	Total/NA
Xylene (total) - DL	2.9	J	6.1	0.12	ug/m3	2		TO-15	Total/NA
Naphthalene - DL	1.9	J	5.2	1.2	ug/m3	2		TO-15	Total/NA

Client Sample ID: OA-1-031825
Lab Sample ID: 480-228118-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.6		2.5	1.1	ug/m3	1		TO-15	Total/NA
Chloromethane	1.4		1.0	0.68	ug/m3	1		TO-15	Total/NA
n-Butane	1.3		1.2	0.74	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.4		1.1	0.43	ug/m3	1		TO-15	Total/NA
Freon TF	0.57	J	1.5	0.44	ug/m3	1		TO-15	Total/NA
Acetone	4.7	J	12	4.5	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone	0.56	J	1.5	0.41	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: OA-1-031825 (Continued)
Lab Sample ID: 480-228118-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon tetrachloride	0.51	J	1.3	0.15	ug/m3	1		TO-15	Total/NA
Benzene	0.31	J	0.64	0.16	ug/m3	1		TO-15	Total/NA
Toluene	0.27	J	0.75	0.20	ug/m3	1		TO-15	Total/NA
m,p-Xylene	0.094	J	2.2	0.061	ug/m3	1		TO-15	Total/NA
Xylene (total)	0.094	J	3.0	0.061	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 7A-IA-1-031825
Lab Sample ID: 480-228118-1

Date Collected: 03/18/25 16:47
Matrix: Air
Date Received: 03/20/25 10:40
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.5**		2.5	1.1	ug/m3			03/28/25 21:30	1
Freon 22	**6.9**		1.8	1.3	ug/m3			03/28/25 21:30	1
1,2-Dichlorotetrafluoroethane	ND		1.4	0.53	ug/m3			03/28/25 21:30	1
Chloromethane	**1.3**		1.0	0.68	ug/m3			03/28/25 21:30	1
n-Butane	**2.5**		1.2	0.74	ug/m3			03/28/25 21:30	1
Vinyl chloride	ND		0.51	0.074	ug/m3			03/28/25 21:30	1
1,3-Butadiene	ND		0.44	0.088	ug/m3			03/28/25 21:30	1
Bromomethane	ND		0.78	0.24	ug/m3			03/28/25 21:30	1
Chloroethane	ND		1.3	0.42	ug/m3			03/28/25 21:30	1
Bromoethene(Vinyl Bromide)	ND		0.87	0.21	ug/m3			03/28/25 21:30	1
Trichlorofluoromethane	**1.4**		1.1	0.43	ug/m3			03/28/25 21:30	1
Freon TF	**0.57**	**J**	1.5	0.44	ug/m3			03/28/25 21:30	1
1,1-Dichloroethene	ND		0.79	0.14	ug/m3			03/28/25 21:30	1
Acetone	**9.5**	**J**	12	4.5	ug/m3			03/28/25 21:30	1
Isopropyl alcohol	**30**		12	5.4	ug/m3			03/28/25 21:30	1
Carbon disulfide	ND		1.6	0.56	ug/m3			03/28/25 21:30	1
3-Chloropropene	ND		1.6	0.25	ug/m3			03/28/25 21:30	1
Methylene Chloride	ND		1.7	0.66	ug/m3			03/28/25 21:30	1
tert-Butyl alcohol	ND		15	4.9	ug/m3			03/28/25 21:30	1
Methyl tert-butyl ether	ND		0.72	0.24	ug/m3			03/28/25 21:30	1
trans-1,2-Dichloroethene	ND		0.79	0.079	ug/m3			03/28/25 21:30	1
n-Hexane	ND		1.8	0.56	ug/m3			03/28/25 21:30	1
1,1-Dichloroethane	ND		0.81	0.073	ug/m3			03/28/25 21:30	1
Methyl Ethyl Ketone	**1.0**	**J**	1.5	0.41	ug/m3			03/28/25 21:30	1
cis-1,2-Dichloroethene	**0.13**	**J**	0.79	0.13	ug/m3			03/28/25 21:30	1
1,2-Dichloroethene, Total	**0.13**	**J**	1.6	0.079	ug/m3			03/28/25 21:30	1
Chloroform	ND		0.98	0.29	ug/m3			03/28/25 21:30	1
Tetrahydrofuran	ND		15	5.0	ug/m3			03/28/25 21:30	1
1,1,1-Trichloroethane	ND		1.1	0.40	ug/m3			03/28/25 21:30	1
Cyclohexane	ND		0.69	0.18	ug/m3			03/28/25 21:30	1
Carbon tetrachloride	**0.46**	**J**	1.3	0.15	ug/m3			03/28/25 21:30	1
2,2,4-Trimethylpentane	ND		0.93	0.33	ug/m3			03/28/25 21:30	1
Benzene	**0.39**	**J**	0.64	0.16	ug/m3			03/28/25 21:30	1
1,2-Dichloroethane	ND		0.81	0.30	ug/m3			03/28/25 21:30	1
n-Heptane	**0.77**	**J**	0.82	0.35	ug/m3			03/28/25 21:30	1
Trichloroethene	**0.29**	**J**	1.1	0.16	ug/m3			03/28/25 21:30	1
Methyl methacrylate	ND		2.0	0.53	ug/m3			03/28/25 21:30	1
1,2-Dichloropropane	ND		0.92	0.25	ug/m3			03/28/25 21:30	1
1,4-Dioxane	ND		18	0.68	ug/m3			03/28/25 21:30	1
Bromodichloromethane	ND		1.3	0.39	ug/m3			03/28/25 21:30	1
cis-1,3-Dichloropropene	ND		0.91	0.25	ug/m3			03/28/25 21:30	1
methyl isobutyl ketone	ND		2.0	0.78	ug/m3			03/28/25 21:30	1
Toluene	**1.4**		0.75	0.20	ug/m3			03/28/25 21:30	1
trans-1,3-Dichloropropene	ND		0.91	0.28	ug/m3			03/28/25 21:30	1
1,1,2-Trichloroethane	ND		1.1	0.29	ug/m3			03/28/25 21:30	1
Tetrachloroethene	**1.7**		1.4	0.24	ug/m3			03/28/25 21:30	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.82	ug/m3			03/28/25 21:30	1
Dibromochloromethane	ND		1.7	0.45	ug/m3			03/28/25 21:30	1

Client Sample ID: 7A-IA-1-031825

Lab Sample ID: 480-228118-1

Date Collected: 03/18/25 16:47
Matrix: Air
Date Received: 03/20/25 10:40
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		1.5	0.35	ug/m3			03/28/25 21:30	1
Chlorobenzene	ND		0.92	0.22	ug/m3			03/28/25 21:30	1
Ethylbenzene	ND		0.87	0.22	ug/m3			03/28/25 21:30	1
m,p-Xylene	**0.44**	**J**	2.2	0.061	ug/m3			03/28/25 21:30	1
Xylene, o-	ND		0.87	0.30	ug/m3			03/28/25 21:30	1
Xylene (total)	**0.44**	**J**	3.0	0.061	ug/m3			03/28/25 21:30	1
Styrene	ND		0.85	0.24	ug/m3			03/28/25 21:30	1
Bromoform	ND		2.1	0.60	ug/m3			03/28/25 21:30	1
Cumene	ND		0.98	0.35	ug/m3			03/28/25 21:30	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.42	ug/m3			03/28/25 21:30	1
n-Propylbenzene	ND		0.98	0.30	ug/m3			03/28/25 21:30	1
4-Ethyltoluene	ND		0.98	0.33	ug/m3			03/28/25 21:30	1
1,3,5-Trimethylbenzene	ND		0.98	0.33	ug/m3			03/28/25 21:30	1
2-Chlorotoluene	ND		1.0	0.30	ug/m3			03/28/25 21:30	1
tert-Butylbenzene	ND		1.1	0.38	ug/m3			03/28/25 21:30	1
1,2,4-Trimethylbenzene	ND		0.98	0.40	ug/m3			03/28/25 21:30	1
sec-Butylbenzene	ND		1.1	0.40	ug/m3			03/28/25 21:30	1
4-Isopropyltoluene	ND		1.1	0.43	ug/m3			03/28/25 21:30	1
1,3-Dichlorobenzene	ND		1.2	0.38	ug/m3			03/28/25 21:30	1
1,4-Dichlorobenzene	ND		1.2	0.42	ug/m3			03/28/25 21:30	1
Benzyl chloride	ND		1.0	0.38	ug/m3			03/28/25 21:30	1
n-Butylbenzene	ND		1.1	0.38	ug/m3			03/28/25 21:30	1
1,2-Dichlorobenzene	ND		1.2	0.40	ug/m3			03/28/25 21:30	1
1,2,4-Trichlorobenzene	ND		3.7	2.2	ug/m3			03/28/25 21:30	1
Hexachlorobutadiene	ND		2.1	0.83	ug/m3			03/28/25 21:30	1
Naphthalene	ND		2.6	0.58	ug/m3			03/28/25 21:30	1

Client Sample ID: 7A-IA-2-031825

Lab Sample ID: 480-228118-2

Date Collected: 03/18/25 16:24
Matrix: Air
Date Received: 03/20/25 10:40
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.9**		2.5	1.1	ug/m3			03/28/25 22:21	1
Freon 22	**120**		1.8	1.3	ug/m3			03/28/25 22:21	1
1,2-Dichlorotetrafluoroethane	ND		1.4	0.53	ug/m3			03/28/25 22:21	1
Chloromethane	**1.3**		1.0	0.68	ug/m3			03/28/25 22:21	1
n-Butane	**3.0**		1.2	0.74	ug/m3			03/28/25 22:21	1
Vinyl chloride	ND		0.51	0.074	ug/m3			03/28/25 22:21	1
1,3-Butadiene	ND		0.44	0.088	ug/m3			03/28/25 22:21	1
Bromomethane	ND		0.78	0.24	ug/m3			03/28/25 22:21	1
Chloroethane	ND		1.3	0.42	ug/m3			03/28/25 22:21	1
Bromoethene(Vinyl Bromide)	ND		0.87	0.21	ug/m3			03/28/25 22:21	1
Trichlorofluoromethane	**1.5**		1.1	0.43	ug/m3			03/28/25 22:21	1
Freon TF	**0.66**	**J**	1.5	0.44	ug/m3			03/28/25 22:21	1
1,1-Dichloroethene	ND		0.79	0.14	ug/m3			03/28/25 22:21	1
Acetone	**9.4**	**J**	12	4.5	ug/m3			03/28/25 22:21	1
Isopropyl alcohol	**10**	**J**	12	5.4	ug/m3			03/28/25 22:21	1

Client: GHD Services Inc.
Project/Site: 12616852, GM-Lockport Air 256042

Job ID: 480-228118-1

Client Sample ID: 7A-IA-2-031825
Date Collected: 03/18/25 16:24
Date Received: 03/20/25 10:40
Sample Container: Summa Canister 6L

Lab Sample ID: 480-228118-2
Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	ND		1.6	0.56	ug/m3			03/28/25 22:21	1
3-Chloropropene	ND		1.6	0.25	ug/m3			03/28/25 22:21	1
Methylene Chloride	ND		1.7	0.66	ug/m3			03/28/25 22:21	1
tert-Butyl alcohol	ND		15	4.9	ug/m3			03/28/25 22:21	1
Methyl tert-butyl ether	ND		0.72	0.24	ug/m3			03/28/25 22:21	1
trans-1,2-Dichloroethene	ND		0.79	0.079	ug/m3			03/28/25 22:21	1
n-Hexane	ND		1.8	0.56	ug/m3			03/28/25 22:21	1
1,1-Dichloroethane	ND		0.81	0.073	ug/m3			03/28/25 22:21	1
Methyl Ethyl Ketone	**0.73**	**J**	1.5	0.41	ug/m3			03/28/25 22:21	1
cis-1,2-Dichloroethene	**0.64**	**J**	0.79	0.13	ug/m3			03/28/25 22:21	1
1,2-Dichloroethene, Total	**0.64**	**J**	1.6	0.079	ug/m3			03/28/25 22:21	1
Chloroform	ND		0.98	0.29	ug/m3			03/28/25 22:21	1
Tetrahydrofuran	ND		15	5.0	ug/m3			03/28/25 22:21	1
1,1,1-Trichloroethane	ND		1.1	0.40	ug/m3			03/28/25 22:21	1
Cyclohexane	ND		0.69	0.18	ug/m3			03/28/25 22:21	1
Carbon tetrachloride	**0.52**	**J**	1.3	0.15	ug/m3			03/28/25 22:21	1
2,2,4-Trimethylpentane	ND		0.93	0.33	ug/m3			03/28/25 22:21	1
Benzene	**0.40**	**J**	0.64	0.16	ug/m3			03/28/25 22:21	1
1,2-Dichloroethane	ND		0.81	0.30	ug/m3			03/28/25 22:21	1
n-Heptane	ND		0.82	0.35	ug/m3			03/28/25 22:21	1
Trichloroethene	**0.93**	**J**	1.1	0.16	ug/m3			03/28/25 22:21	1
Methyl methacrylate	ND		2.0	0.53	ug/m3			03/28/25 22:21	1
1,2-Dichloropropane	ND		0.92	0.25	ug/m3			03/28/25 22:21	1
1,4-Dioxane	ND		18	0.68	ug/m3			03/28/25 22:21	1
Bromodichloromethane	ND		1.3	0.39	ug/m3			03/28/25 22:21	1
cis-1,3-Dichloropropene	ND		0.91	0.25	ug/m3			03/28/25 22:21	1
methyl isobutyl ketone	ND		2.0	0.78	ug/m3			03/28/25 22:21	1
Toluene	**0.78**		0.75	0.20	ug/m3			03/28/25 22:21	1
trans-1,3-Dichloropropene	ND		0.91	0.28	ug/m3			03/28/25 22:21	1
1,1,2-Trichloroethane	ND		1.1	0.29	ug/m3			03/28/25 22:21	1
Tetrachloroethene	**1.5**		1.4	0.24	ug/m3			03/28/25 22:21	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.82	ug/m3			03/28/25 22:21	1
Dibromochloromethane	ND		1.7	0.45	ug/m3			03/28/25 22:21	1
1,2-Dibromoethane	ND		1.5	0.35	ug/m3			03/28/25 22:21	1
Chlorobenzene	ND		0.92	0.22	ug/m3			03/28/25 22:21	1
Ethylbenzene	ND		0.87	0.22	ug/m3			03/28/25 22:21	1
m,p-Xylene	**0.36**	**J**	2.2	0.061	ug/m3			03/28/25 22:21	1
Xylene, o-	ND		0.87	0.30	ug/m3			03/28/25 22:21	1
Xylene (total)	**0.36**	**J**	3.0	0.061	ug/m3			03/28/25 22:21	1
Styrene	ND		0.85	0.24	ug/m3			03/28/25 22:21	1
Bromoform	ND		2.1	0.60	ug/m3			03/28/25 22:21	1
Cumene	ND		0.98	0.35	ug/m3			03/28/25 22:21	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.42	ug/m3			03/28/25 22:21	1
n-Propylbenzene	ND		0.98	0.30	ug/m3			03/28/25 22:21	1
4-Ethyltoluene	ND		0.98	0.33	ug/m3			03/28/25 22:21	1
1,3,5-Trimethylbenzene	ND		0.98	0.33	ug/m3			03/28/25 22:21	1
2-Chlorotoluene	ND		1.0	0.30	ug/m3			03/28/25 22:21	1
tert-Butylbenzene	ND		1.1	0.38	ug/m3			03/28/25 22:21	1

Client Sample ID: 7A-IA-2-031825
Lab Sample ID: 480-228118-2

Date Collected: 03/18/25 16:24
Matrix: Air
Date Received: 03/20/25 10:40
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	ND		0.98	0.40	ug/m3			03/28/25 22:21	1
sec-Butylbenzene	ND		1.1	0.40	ug/m3			03/28/25 22:21	1
4-Isopropyltoluene	ND		1.1	0.43	ug/m3			03/28/25 22:21	1
1,3-Dichlorobenzene	ND		1.2	0.38	ug/m3			03/28/25 22:21	1
1,4-Dichlorobenzene	ND		1.2	0.42	ug/m3			03/28/25 22:21	1
Benzyl chloride	ND		1.0	0.38	ug/m3			03/28/25 22:21	1
n-Butylbenzene	ND		1.1	0.38	ug/m3			03/28/25 22:21	1
1,2-Dichlorobenzene	ND		1.2	0.40	ug/m3			03/28/25 22:21	1
1,2,4-Trichlorobenzene	ND		3.7	2.2	ug/m3			03/28/25 22:21	1
Hexachlorobutadiene	ND		2.1	0.83	ug/m3			03/28/25 22:21	1
Naphthalene	ND		2.6	0.58	ug/m3			03/28/25 22:21	1

Client Sample ID: 10-IA-1-031825
Lab Sample ID: 480-228118-3

Date Collected: 03/18/25 17:00
Matrix: Air
Date Received: 03/20/25 10:40
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.4**	**J**	2.5	1.1	ug/m3			03/28/25 23:12	1
Freon 22	**1.6**	**J**	1.8	1.3	ug/m3			03/28/25 23:12	1
1,2-Dichlorotetrafluoroethane	ND		1.4	0.53	ug/m3			03/28/25 23:12	1
Chloromethane	**1.3**		1.0	0.68	ug/m3			03/28/25 23:12	1
n-Butane	**8.5**		1.2	0.74	ug/m3			03/28/25 23:12	1
Vinyl chloride	ND		0.51	0.074	ug/m3			03/28/25 23:12	1
1,3-Butadiene	**0.37**	**J**	0.44	0.088	ug/m3			03/28/25 23:12	1
Bromomethane	ND		0.78	0.24	ug/m3			03/28/25 23:12	1
Chloroethane	ND		1.3	0.42	ug/m3			03/28/25 23:12	1
Bromoethene(Vinyl Bromide)	ND		0.87	0.21	ug/m3			03/28/25 23:12	1
Trichlorofluoromethane	**1.4**		1.1	0.43	ug/m3			03/28/25 23:12	1
Freon TF	**0.60**	**J**	1.5	0.44	ug/m3			03/28/25 23:12	1
1,1-Dichloroethene	ND		0.79	0.14	ug/m3			03/28/25 23:12	1
Acetone	**110**	**E**	12	4.5	ug/m3			03/28/25 23:12	1
Isopropyl alcohol	ND		12	5.4	ug/m3			03/28/25 23:12	1
Carbon disulfide	ND		1.6	0.56	ug/m3			03/28/25 23:12	1
3-Chloropropene	ND		1.6	0.25	ug/m3			03/28/25 23:12	1
Methylene Chloride	**0.75**	**J**	1.7	0.66	ug/m3			03/28/25 23:12	1
tert-Butyl alcohol	ND		15	4.9	ug/m3			03/28/25 23:12	1
Methyl tert-butyl ether	ND		0.72	0.24	ug/m3			03/28/25 23:12	1
trans-1,2-Dichloroethene	ND		0.79	0.079	ug/m3			03/28/25 23:12	1
n-Hexane	**48**		1.8	0.56	ug/m3			03/28/25 23:12	1
1,1-Dichloroethane	ND		0.81	0.073	ug/m3			03/28/25 23:12	1
Methyl Ethyl Ketone	**1.9**		1.5	0.41	ug/m3			03/28/25 23:12	1
cis-1,2-Dichloroethene	**0.59**	**J**	0.79	0.13	ug/m3			03/28/25 23:12	1
1,2-Dichloroethene, Total	**0.59**	**J**	1.6	0.079	ug/m3			03/28/25 23:12	1
Chloroform	ND		0.98	0.29	ug/m3			03/28/25 23:12	1
Tetrahydrofuran	ND		15	5.0	ug/m3			03/28/25 23:12	1
1,1,1-Trichloroethane	ND		1.1	0.40	ug/m3			03/28/25 23:12	1
Cyclohexane	**11**		0.69	0.18	ug/m3			03/28/25 23:12	1

Client Sample ID: 10-IA-1-031825
Date Collected: 03/18/25 17:00
Date Received: 03/20/25 10:40
Sample Container: Summa Canister 6L

Lab Sample ID: 480-228118-3
Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	**0.51**	**J**	1.3	0.15	ug/m3			03/28/25 23:12	1
2,2,4-Trimethylpentane	ND		0.93	0.33	ug/m3			03/28/25 23:12	1
Benzene	**2.4**		0.64	0.16	ug/m3			03/28/25 23:12	1
1,2-Dichloroethane	ND		0.81	0.30	ug/m3			03/28/25 23:12	1
n-Heptane	ND		0.82	0.35	ug/m3			03/28/25 23:12	1
Trichloroethene	**0.88**	**J**	1.1	0.16	ug/m3			03/28/25 23:12	1
Methyl methacrylate	ND		2.0	0.53	ug/m3			03/28/25 23:12	1
1,2-Dichloropropane	ND		0.92	0.25	ug/m3			03/28/25 23:12	1
1,4-Dioxane	ND		18	0.68	ug/m3			03/28/25 23:12	1
Bromodichloromethane	ND		1.3	0.39	ug/m3			03/28/25 23:12	1
cis-1,3-Dichloropropene	ND		0.91	0.25	ug/m3			03/28/25 23:12	1
methyl isobutyl ketone	ND		2.0	0.78	ug/m3			03/28/25 23:12	1
Toluene	**89**		0.75	0.20	ug/m3			03/28/25 23:12	1
trans-1,3-Dichloropropene	ND		0.91	0.28	ug/m3			03/28/25 23:12	1
1,1,2-Trichloroethane	ND		1.1	0.29	ug/m3			03/28/25 23:12	1
Tetrachloroethene	**5.8**		1.4	0.24	ug/m3			03/28/25 23:12	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.82	ug/m3			03/28/25 23:12	1
Dibromochloromethane	ND		1.7	0.45	ug/m3			03/28/25 23:12	1
1,2-Dibromoethane	ND		1.5	0.35	ug/m3			03/28/25 23:12	1
Chlorobenzene	**0.88**	**J**	0.92	0.22	ug/m3			03/28/25 23:12	1
Ethylbenzene	**0.46**	**J**	0.87	0.22	ug/m3			03/28/25 23:12	1
m,p-Xylene	**1.0**	**J**	2.2	0.061	ug/m3			03/28/25 23:12	1
Xylene, o-	**0.34**	**J**	0.87	0.30	ug/m3			03/28/25 23:12	1
Xylene (total)	**1.3**	**J**	3.0	0.061	ug/m3			03/28/25 23:12	1
Styrene	**0.42**	**J**	0.85	0.24	ug/m3			03/28/25 23:12	1
Bromoform	ND		2.1	0.60	ug/m3			03/28/25 23:12	1
Cumene	ND		0.98	0.35	ug/m3			03/28/25 23:12	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.42	ug/m3			03/28/25 23:12	1
n-Propylbenzene	ND		0.98	0.30	ug/m3			03/28/25 23:12	1
4-Ethyltoluene	ND		0.98	0.33	ug/m3			03/28/25 23:12	1
1,3,5-Trimethylbenzene	ND		0.98	0.33	ug/m3			03/28/25 23:12	1
2-Chlorotoluene	ND		1.0	0.30	ug/m3			03/28/25 23:12	1
tert-Butylbenzene	ND		1.1	0.38	ug/m3			03/28/25 23:12	1
1,2,4-Trimethylbenzene	**0.55**	**J**	0.98	0.40	ug/m3			03/28/25 23:12	1
sec-Butylbenzene	ND		1.1	0.40	ug/m3			03/28/25 23:12	1
4-Isopropyltoluene	ND		1.1	0.43	ug/m3			03/28/25 23:12	1
1,3-Dichlorobenzene	ND		1.2	0.38	ug/m3			03/28/25 23:12	1
1,4-Dichlorobenzene	ND		1.2	0.42	ug/m3			03/28/25 23:12	1
Benzyl chloride	ND		1.0	0.38	ug/m3			03/28/25 23:12	1
n-Butylbenzene	ND		1.1	0.38	ug/m3			03/28/25 23:12	1
1,2-Dichlorobenzene	ND		1.2	0.40	ug/m3			03/28/25 23:12	1
1,2,4-Trichlorobenzene	ND		3.7	2.2	ug/m3			03/28/25 23:12	1
Hexachlorobutadiene	ND		2.1	0.83	ug/m3			03/28/25 23:12	1
Naphthalene	**1.5**	**J**	2.6	0.58	ug/m3			03/28/25 23:12	1

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		7.4	3.3	ug/m3			03/29/25 14:02	2.99
Freon 22	ND		5.3	3.8	ug/m3			03/29/25 14:02	2.99

Client: GHD Services Inc.
Job ID: 480-228118-1
Project/Site: 12616852, GM-Lockport Air 256042

Client Sample ID: 10-IA-1-031825
Lab Sample ID: 480-228118-3
Date Collected: 03/18/25 17:00
Matrix: Air
Date Received: 03/20/25 10:40
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorotetrafluoroethane	ND		4.2	1.6	ug/m3			03/29/25 14:02	2.99
Chloromethane	ND		3.1	2.0	ug/m3			03/29/25 14:02	2.99
n-Butane	**7.6**		3.6	2.2	ug/m3			03/29/25 14:02	2.99
Vinyl chloride	ND		1.5	0.22	ug/m3			03/29/25 14:02	2.99
1,3-Butadiene	**0.40**	**J**	1.3	0.26	ug/m3			03/29/25 14:02	2.99
Bromomethane	ND		2.3	0.72	ug/m3			03/29/25 14:02	2.99
Chloroethane	ND		3.9	1.3	ug/m3			03/29/25 14:02	2.99
Bromoethene(Vinyl Bromide)	ND		2.6	0.63	ug/m3			03/29/25 14:02	2.99
Trichlorofluoromethane	**1.3**	**J**	3.4	1.3	ug/m3			03/29/25 14:02	2.99
Freon TF	ND		4.6	1.3	ug/m3			03/29/25 14:02	2.99
1,1-Dichloroethene	ND		2.4	0.41	ug/m3			03/29/25 14:02	2.99
Acetone	**100**		36	13	ug/m3			03/29/25 14:02	2.99
Isopropyl alcohol	ND		37	16	ug/m3			03/29/25 14:02	2.99
Carbon disulfide	ND		4.7	1.7	ug/m3			03/29/25 14:02	2.99
3-Chloropropene	ND		4.7	0.76	ug/m3			03/29/25 14:02	2.99
Methylene Chloride	ND		5.2	2.0	ug/m3			03/29/25 14:02	2.99
tert-Butyl alcohol	ND		45	15	ug/m3			03/29/25 14:02	2.99
Methyl tert-butyl ether	ND		2.2	0.71	ug/m3			03/29/25 14:02	2.99
trans-1,2-Dichloroethene	ND		2.4	0.24	ug/m3			03/29/25 14:02	2.99
n-Hexane	**41**		5.3	1.7	ug/m3			03/29/25 14:02	2.99
1,1-Dichloroethane	ND		2.4	0.22	ug/m3			03/29/25 14:02	2.99
Methyl Ethyl Ketone	**1.6**	**J**	4.4	1.2	ug/m3			03/29/25 14:02	2.99
cis-1,2-Dichloroethene	**0.57**	**J**	2.4	0.38	ug/m3			03/29/25 14:02	2.99
1,2-Dichloroethene, Total	**0.57**	**J**	4.7	0.24	ug/m3			03/29/25 14:02	2.99
Chloroform	ND		2.9	0.86	ug/m3			03/29/25 14:02	2.99
Tetrahydrofuran	ND		44	15	ug/m3			03/29/25 14:02	2.99
1,1,1-Trichloroethane	ND		3.3	1.2	ug/m3			03/29/25 14:02	2.99
Cyclohexane	**9.1**		2.1	0.54	ug/m3			03/29/25 14:02	2.99
Carbon tetrachloride	**0.45**	**J**	3.8	0.45	ug/m3			03/29/25 14:02	2.99
2,2,4-Trimethylpentane	ND		2.8	0.99	ug/m3			03/29/25 14:02	2.99
Benzene	**2.1**		1.9	0.49	ug/m3			03/29/25 14:02	2.99
1,2-Dichloroethane	ND		2.4	0.90	ug/m3			03/29/25 14:02	2.99
n-Heptane	ND		2.5	1.1	ug/m3			03/29/25 14:02	2.99
Trichloroethene	**0.79**	**J**	3.2	0.47	ug/m3			03/29/25 14:02	2.99
Methyl methacrylate	ND		6.1	1.6	ug/m3			03/29/25 14:02	2.99
1,2-Dichloropropane	ND		2.8	0.76	ug/m3			03/29/25 14:02	2.99
1,4-Dioxane	ND		54	2.0	ug/m3			03/29/25 14:02	2.99
Bromodichloromethane	ND		4.0	1.2	ug/m3			03/29/25 14:02	2.99
cis-1,3-Dichloropropene	ND		2.7	0.76	ug/m3			03/29/25 14:02	2.99
methyl isobutyl ketone	ND		6.1	2.3	ug/m3			03/29/25 14:02	2.99
Toluene	**77**		2.3	0.61	ug/m3			03/29/25 14:02	2.99
trans-1,3-Dichloropropene	ND		2.7	0.84	ug/m3			03/29/25 14:02	2.99
1,1,2-Trichloroethane	ND		3.3	0.86	ug/m3			03/29/25 14:02	2.99
Tetrachloroethene	**5.2**		4.1	0.73	ug/m3			03/29/25 14:02	2.99
Methyl Butyl Ketone (2-Hexanone)	ND		6.1	2.5	ug/m3			03/29/25 14:02	2.99
Dibromochloromethane	ND		5.1	1.3	ug/m3			03/29/25 14:02	2.99
1,2-Dibromoethane	ND		4.6	1.0	ug/m3			03/29/25 14:02	2.99
Chlorobenzene	**0.77**	**J**	2.8	0.65	ug/m3			03/29/25 14:02	2.99

Client Sample ID: 10-IA-1-031825
Lab Sample ID: 480-228118-3

Date Collected: 03/18/25 17:00
Matrix: Air
Date Received: 03/20/25 10:40
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		2.6	0.66	ug/m3			03/29/25 14:02	2.99
m,p-Xylene	**0.85**	**J**	6.5	0.18	ug/m3			03/29/25 14:02	2.99
Xylene, o-	ND		2.6	0.90	ug/m3			03/29/25 14:02	2.99
Xylene (total)	**0.85**	**J**	9.1	0.18	ug/m3			03/29/25 14:02	2.99
Styrene	ND		2.5	0.71	ug/m3			03/29/25 14:02	2.99
Bromoform	ND		6.2	1.8	ug/m3			03/29/25 14:02	2.99
Cumene	ND		2.9	1.1	ug/m3			03/29/25 14:02	2.99
1,1,2,2-Tetrachloroethane	ND		4.1	1.3	ug/m3			03/29/25 14:02	2.99
n-Propylbenzene	ND		2.9	0.91	ug/m3			03/29/25 14:02	2.99
4-Ethyltoluene	ND		2.9	1.0	ug/m3			03/29/25 14:02	2.99
1,3,5-Trimethylbenzene	ND		2.9	1.0	ug/m3			03/29/25 14:02	2.99
2-Chlorotoluene	ND		3.1	0.90	ug/m3			03/29/25 14:02	2.99
tert-Butylbenzene	ND		3.3	1.1	ug/m3			03/29/25 14:02	2.99
1,2,4-Trimethylbenzene	ND		2.9	1.2	ug/m3			03/29/25 14:02	2.99
sec-Butylbenzene	ND		3.3	1.2	ug/m3			03/29/25 14:02	2.99
4-Isopropyltoluene	ND		3.3	1.3	ug/m3			03/29/25 14:02	2.99
1,3-Dichlorobenzene	ND		3.6	1.1	ug/m3			03/29/25 14:02	2.99
1,4-Dichlorobenzene	ND		3.6	1.3	ug/m3			03/29/25 14:02	2.99
Benzyl chloride	ND		3.1	1.1	ug/m3			03/29/25 14:02	2.99
n-Butylbenzene	ND		3.3	1.1	ug/m3			03/29/25 14:02	2.99
1,2-Dichlorobenzene	ND		3.6	1.2	ug/m3			03/29/25 14:02	2.99
1,2,4-Trichlorobenzene	ND		11	6.7	ug/m3			03/29/25 14:02	2.99
Hexachlorobutadiene	ND		6.4	2.5	ug/m3			03/29/25 14:02	2.99
Naphthalene	**1.7**	**J**	7.8	1.7	ug/m3			03/29/25 14:02	2.99

Client Sample ID: 10-IA-2-031825
Lab Sample ID: 480-228118-4

Date Collected: 03/18/25 17:02
Matrix: Air
Date Received: 03/20/25 10:40
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.4**	**J**	2.5	1.1	ug/m3			03/29/25 00:03	1
Freon 22	**1.3**	**J**	1.8	1.3	ug/m3			03/29/25 00:03	1
1,2-Dichlorotetrafluoroethane	ND		1.4	0.53	ug/m3			03/29/25 00:03	1
Chloromethane	**1.3**		1.0	0.68	ug/m3			03/29/25 00:03	1
n-Butane	**11**		1.2	0.74	ug/m3			03/29/25 00:03	1
Vinyl chloride	ND		0.51	0.074	ug/m3			03/29/25 00:03	1
1,3-Butadiene	**0.46**		0.44	0.088	ug/m3			03/29/25 00:03	1
Bromomethane	ND		0.78	0.24	ug/m3			03/29/25 00:03	1
Chloroethane	ND		1.3	0.42	ug/m3			03/29/25 00:03	1
Bromoethene(Vinyl Bromide)	ND		0.87	0.21	ug/m3			03/29/25 00:03	1
Trichlorofluoromethane	**1.4**		1.1	0.43	ug/m3			03/29/25 00:03	1
Freon TF	**0.62**	**J**	1.5	0.44	ug/m3			03/29/25 00:03	1
1,1-Dichloroethene	ND		0.79	0.14	ug/m3			03/29/25 00:03	1
Acetone	**120**	**E**	12	4.5	ug/m3			03/29/25 00:03	1
Isopropyl alcohol	ND		12	5.4	ug/m3			03/29/25 00:03	1
Carbon disulfide	ND		1.6	0.56	ug/m3			03/29/25 00:03	1
3-Chloropropene	ND		1.6	0.25	ug/m3			03/29/25 00:03	1

Client: GHD Services Inc.
Job ID: 480-228118-1
Project/Site: 12616852, GM-Lockport Air 256042

Client Sample ID: 10-IA-2-031825
Lab Sample ID: 480-228118-4
Date Collected: 03/18/25 17:02
Matrix: Air
Date Received: 03/20/25 10:40
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	ND		1.7	0.66	ug/m3			03/29/25 00:03	1
tert-Butyl alcohol	ND		15	4.9	ug/m3			03/29/25 00:03	1
Methyl tert-butyl ether	ND		0.72	0.24	ug/m3			03/29/25 00:03	1
trans-1,2-Dichloroethene	ND		0.79	0.079	ug/m3			03/29/25 00:03	1
n-Hexane	**48**		1.8	0.56	ug/m3			03/29/25 00:03	1
1,1-Dichloroethane	ND		0.81	0.073	ug/m3			03/29/25 00:03	1
Methyl Ethyl Ketone	**2.4**		1.5	0.41	ug/m3			03/29/25 00:03	1
cis-1,2-Dichloroethene	**0.87**		0.79	0.13	ug/m3			03/29/25 00:03	1
1,2-Dichloroethene, Total	**0.87**	**J**	1.6	0.079	ug/m3			03/29/25 00:03	1
Chloroform	ND		0.98	0.29	ug/m3			03/29/25 00:03	1
Tetrahydrofuran	ND		15	5.0	ug/m3			03/29/25 00:03	1
1,1,1-Trichloroethane	ND		1.1	0.40	ug/m3			03/29/25 00:03	1
Cyclohexane	**11**		0.69	0.18	ug/m3			03/29/25 00:03	1
Carbon tetrachloride	**0.52**	**J**	1.3	0.15	ug/m3			03/29/25 00:03	1
2,2,4-Trimethylpentane	ND		0.93	0.33	ug/m3			03/29/25 00:03	1
Benzene	**2.5**		0.64	0.16	ug/m3			03/29/25 00:03	1
1,2-Dichloroethane	ND		0.81	0.30	ug/m3			03/29/25 00:03	1
n-Heptane	**0.51**	**J**	0.82	0.35	ug/m3			03/29/25 00:03	1
Trichloroethene	**1.5**		1.1	0.16	ug/m3			03/29/25 00:03	1
Methyl methacrylate	ND		2.0	0.53	ug/m3			03/29/25 00:03	1
1,2-Dichloropropane	ND		0.92	0.25	ug/m3			03/29/25 00:03	1
1,4-Dioxane	ND		18	0.68	ug/m3			03/29/25 00:03	1
Bromodichloromethane	ND		1.3	0.39	ug/m3			03/29/25 00:03	1
cis-1,3-Dichloropropene	ND		0.91	0.25	ug/m3			03/29/25 00:03	1
methyl isobutyl ketone	ND		2.0	0.78	ug/m3			03/29/25 00:03	1
Toluene	**86**		0.75	0.20	ug/m3			03/29/25 00:03	1
trans-1,3-Dichloropropene	ND		0.91	0.28	ug/m3			03/29/25 00:03	1
1,1,2-Trichloroethane	ND		1.1	0.29	ug/m3			03/29/25 00:03	1
Tetrachloroethene	**11**		1.4	0.24	ug/m3			03/29/25 00:03	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.82	ug/m3			03/29/25 00:03	1
Dibromochloromethane	ND		1.7	0.45	ug/m3			03/29/25 00:03	1
1,2-Dibromoethane	ND		1.5	0.35	ug/m3			03/29/25 00:03	1
Chlorobenzene	**0.85**	**J**	0.92	0.22	ug/m3			03/29/25 00:03	1
Ethylbenzene	**0.80**	**J**	0.87	0.22	ug/m3			03/29/25 00:03	1
m,p-Xylene	**2.5**		2.2	0.061	ug/m3			03/29/25 00:03	1
Xylene, o-	**0.70**	**J**	0.87	0.30	ug/m3			03/29/25 00:03	1
Xylene (total)	**3.2**		3.0	0.061	ug/m3			03/29/25 00:03	1
Styrene	**0.47**	**J**	0.85	0.24	ug/m3			03/29/25 00:03	1
Bromoform	ND		2.1	0.60	ug/m3			03/29/25 00:03	1
Cumene	ND		0.98	0.35	ug/m3			03/29/25 00:03	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.42	ug/m3			03/29/25 00:03	1
n-Propylbenzene	ND		0.98	0.30	ug/m3			03/29/25 00:03	1
4-Ethyltoluene	ND		0.98	0.33	ug/m3			03/29/25 00:03	1
1,3,5-Trimethylbenzene	ND		0.98	0.33	ug/m3			03/29/25 00:03	1
2-Chlorotoluene	ND		1.0	0.30	ug/m3			03/29/25 00:03	1
tert-Butylbenzene	ND		1.1	0.38	ug/m3			03/29/25 00:03	1
1,2,4-Trimethylbenzene	**0.74**	**J**	0.98	0.40	ug/m3			03/29/25 00:03	1
sec-Butylbenzene	ND		1.1	0.40	ug/m3			03/29/25 00:03	1

Client Sample ID: 10-IA-2-031825
Lab Sample ID: 480-228118-4
Date Collected: 03/18/25 17:02
Matrix: Air
Date Received: 03/20/25 10:40
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Isopropyltoluene	ND		1.1	0.43	ug/m3			03/29/25 00:03	1
1,3-Dichlorobenzene	ND		1.2	0.38	ug/m3			03/29/25 00:03	1
1,4-Dichlorobenzene	ND		1.2	0.42	ug/m3			03/29/25 00:03	1
Benzyl chloride	ND		1.0	0.38	ug/m3			03/29/25 00:03	1
n-Butylbenzene	ND		1.1	0.38	ug/m3			03/29/25 00:03	1
1,2-Dichlorobenzene	ND		1.2	0.40	ug/m3			03/29/25 00:03	1
1,2,4-Trichlorobenzene	ND		3.7	2.2	ug/m3			03/29/25 00:03	1
Hexachlorobutadiene	ND		2.1	0.83	ug/m3			03/29/25 00:03	1
Naphthalene	**2.0**	**J**	2.6	0.58	ug/m3			03/29/25 00:03	1

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.5**	**J**	4.9	2.2	ug/m3			03/29/25 14:53	2
Freon 22	ND		3.5	2.5	ug/m3			03/29/25 14:53	2
1,2-Dichlorotetrafluoroethane	ND		2.8	1.1	ug/m3			03/29/25 14:53	2
Chloromethane	**1.4**	**J**	2.1	1.4	ug/m3			03/29/25 14:53	2
n-Butane	**11**		2.4	1.5	ug/m3			03/29/25 14:53	2
Vinyl chloride	ND		1.0	0.15	ug/m3			03/29/25 14:53	2
1,3-Butadiene	**0.48**	**J**	0.88	0.18	ug/m3			03/29/25 14:53	2
Bromomethane	ND		1.6	0.48	ug/m3			03/29/25 14:53	2
Chloroethane	ND		2.6	0.84	ug/m3			03/29/25 14:53	2
Bromoethene(Vinyl Bromide)	ND		1.7	0.42	ug/m3			03/29/25 14:53	2
Trichlorofluoromethane	**1.4**	**J**	2.2	0.87	ug/m3			03/29/25 14:53	2
Freon TF	ND		3.1	0.87	ug/m3			03/29/25 14:53	2
1,1-Dichloroethene	ND		1.6	0.28	ug/m3			03/29/25 14:53	2
Acetone	**120**		24	9.0	ug/m3			03/29/25 14:53	2
Isopropyl alcohol	ND		25	11	ug/m3			03/29/25 14:53	2
Carbon disulfide	ND		3.1	1.1	ug/m3			03/29/25 14:53	2
3-Chloropropene	ND		3.1	0.51	ug/m3			03/29/25 14:53	2
Methylene Chloride	ND		3.5	1.3	ug/m3			03/29/25 14:53	2
tert-Butyl alcohol	ND		30	9.7	ug/m3			03/29/25 14:53	2
Methyl tert-butyl ether	ND		1.4	0.48	ug/m3			03/29/25 14:53	2
trans-1,2-Dichloroethene	ND		1.6	0.16	ug/m3			03/29/25 14:53	2
n-Hexane	**46**		3.5	1.1	ug/m3			03/29/25 14:53	2
1,1-Dichloroethane	ND		1.6	0.15	ug/m3			03/29/25 14:53	2
Methyl Ethyl Ketone	**2.3**	**J**	2.9	0.83	ug/m3			03/29/25 14:53	2
cis-1,2-Dichloroethene	**0.85**	**J**	1.6	0.25	ug/m3			03/29/25 14:53	2
1,2-Dichloroethene, Total	**0.85**	**J**	3.2	0.16	ug/m3			03/29/25 14:53	2
Chloroform	ND		2.0	0.58	ug/m3			03/29/25 14:53	2
Tetrahydrofuran	ND		29	10	ug/m3			03/29/25 14:53	2
1,1,1-Trichloroethane	ND		2.2	0.80	ug/m3			03/29/25 14:53	2
Cyclohexane	**10**		1.4	0.36	ug/m3			03/29/25 14:53	2
Carbon tetrachloride	**0.50**	**J**	2.5	0.30	ug/m3			03/29/25 14:53	2
2,2,4-Trimethylpentane	ND		1.9	0.66	ug/m3			03/29/25 14:53	2
Benzene	**2.4**		1.3	0.33	ug/m3			03/29/25 14:53	2
1,2-Dichloroethane	ND		1.6	0.60	ug/m3			03/29/25 14:53	2
n-Heptane	ND		1.6	0.70	ug/m3			03/29/25 14:53	2
Trichloroethene	**1.5**	**J**	2.1	0.31	ug/m3			03/29/25 14:53	2
Methyl methacrylate	ND		4.1	1.1	ug/m3			03/29/25 14:53	2

Client Sample ID: 10-IA-2-031825
Lab Sample ID: 480-228118-4

Date Collected: 03/18/25 17:02
Matrix: Air
Date Received: 03/20/25 10:40
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		1.8	0.51	ug/m3			03/29/25 14:53	2
1,4-Dioxane	ND		36	1.4	ug/m3			03/29/25 14:53	2
Bromodichloromethane	ND		2.7	0.78	ug/m3			03/29/25 14:53	2
cis-1,3-Dichloropropene	ND		1.8	0.51	ug/m3			03/29/25 14:53	2
methyl isobutyl ketone	ND		4.1	1.6	ug/m3			03/29/25 14:53	2
Toluene	**81**		1.5	0.41	ug/m3			03/29/25 14:53	2
trans-1,3-Dichloropropene	ND		1.8	0.56	ug/m3			03/29/25 14:53	2
1,1,2-Trichloroethane	ND		2.2	0.58	ug/m3			03/29/25 14:53	2
Tetrachloroethene	**10**		2.7	0.49	ug/m3			03/29/25 14:53	2
Methyl Butyl Ketone (2-Hexanone)	ND		4.1	1.6	ug/m3			03/29/25 14:53	2
Dibromochloromethane	ND		3.4	0.90	ug/m3			03/29/25 14:53	2
1,2-Dibromoethane	ND		3.1	0.69	ug/m3			03/29/25 14:53	2
Chlorobenzene	**0.81**	**J**	1.8	0.43	ug/m3			03/29/25 14:53	2
Ethylbenzene	**0.76**	**J**	1.7	0.44	ug/m3			03/29/25 14:53	2
m,p-Xylene	**2.2**	**J**	4.3	0.12	ug/m3			03/29/25 14:53	2
Xylene, o-	**0.68**	**J**	1.7	0.60	ug/m3			03/29/25 14:53	2
Xylene (total)	**2.9**	**J**	6.1	0.12	ug/m3			03/29/25 14:53	2
Styrene	ND		1.7	0.48	ug/m3			03/29/25 14:53	2
Bromoform	ND		4.1	1.2	ug/m3			03/29/25 14:53	2
Cumene	ND		2.0	0.71	ug/m3			03/29/25 14:53	2
1,1,2,2-Tetrachloroethane	ND		2.7	0.84	ug/m3			03/29/25 14:53	2
n-Propylbenzene	ND		2.0	0.61	ug/m3			03/29/25 14:53	2
4-Ethyltoluene	ND		2.0	0.67	ug/m3			03/29/25 14:53	2
1,3,5-Trimethylbenzene	ND		2.0	0.67	ug/m3			03/29/25 14:53	2
2-Chlorotoluene	ND		2.1	0.60	ug/m3			03/29/25 14:53	2
tert-Butylbenzene	ND		2.2	0.77	ug/m3			03/29/25 14:53	2
1,2,4-Trimethylbenzene	ND		2.0	0.81	ug/m3			03/29/25 14:53	2
sec-Butylbenzene	ND		2.2	0.79	ug/m3			03/29/25 14:53	2
4-Isopropyltoluene	ND		2.2	0.86	ug/m3			03/29/25 14:53	2
1,3-Dichlorobenzene	ND		2.4	0.76	ug/m3			03/29/25 14:53	2
1,4-Dichlorobenzene	ND		2.4	0.84	ug/m3			03/29/25 14:53	2
Benzyl chloride	ND		2.1	0.77	ug/m3			03/29/25 14:53	2
n-Butylbenzene	ND		2.2	0.77	ug/m3			03/29/25 14:53	2
1,2-Dichlorobenzene	ND		2.4	0.79	ug/m3			03/29/25 14:53	2
1,2,4-Trichlorobenzene	ND		7.4	4.5	ug/m3			03/29/25 14:53	2
Hexachlorobutadiene	ND		4.3	1.7	ug/m3			03/29/25 14:53	2
Naphthalene	**1.9**	**J**	5.2	1.2	ug/m3			03/29/25 14:53	2

Client Sample ID: OA-1-031825
Lab Sample ID: 480-228118-5

Date Collected: 03/18/25 16:54
Matrix: Air
Date Received: 03/20/25 10:40
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.6**		2.5	1.1	ug/m3			03/29/25 00:54	1
Freon 22	ND		1.8	1.3	ug/m3			03/29/25 00:54	1
1,2-Dichlorotetrafluoroethane	ND		1.4	0.53	ug/m3			03/29/25 00:54	1
Chloromethane	**1.4**		1.0	0.68	ug/m3			03/29/25 00:54	1

Client: GHD Services Inc.
Project/Site: 12616852, GM-Lockport Air 256042

Job ID: 480-228118-1

Client Sample ID: OA-1-031825
Date Collected: 03/18/25 16:54
Date Received: 03/20/25 10:40
Sample Container: Summa Canister 6L

Lab Sample ID: 480-228118-5
Matrix: Air

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Butane	**1.3**		1.2	0.74	ug/m3			03/29/25 00:54	1
Vinyl chloride	ND		0.51	0.074	ug/m3			03/29/25 00:54	1
1,3-Butadiene	ND		0.44	0.088	ug/m3			03/29/25 00:54	1
Bromomethane	ND		0.78	0.24	ug/m3			03/29/25 00:54	1
Chloroethane	ND		1.3	0.42	ug/m3			03/29/25 00:54	1
Bromoethene(Vinyl Bromide)	ND		0.87	0.21	ug/m3			03/29/25 00:54	1
Trichlorofluoromethane	**1.4**		1.1	0.43	ug/m3			03/29/25 00:54	1
Freon TF	**0.57**	**J**	1.5	0.44	ug/m3			03/29/25 00:54	1
1,1-Dichloroethene	ND		0.79	0.14	ug/m3			03/29/25 00:54	1
Acetone	**4.7**	**J**	12	4.5	ug/m3			03/29/25 00:54	1
Isopropyl alcohol	ND		12	5.4	ug/m3			03/29/25 00:54	1
Carbon disulfide	ND		1.6	0.56	ug/m3			03/29/25 00:54	1
3-Chloropropene	ND		1.6	0.25	ug/m3			03/29/25 00:54	1
Methylene Chloride	ND		1.7	0.66	ug/m3			03/29/25 00:54	1
tert-Butyl alcohol	ND		15	4.9	ug/m3			03/29/25 00:54	1
Methyl tert-butyl ether	ND		0.72	0.24	ug/m3			03/29/25 00:54	1
trans-1,2-Dichloroethene	ND		0.79	0.079	ug/m3			03/29/25 00:54	1
n-Hexane	ND		1.8	0.56	ug/m3			03/29/25 00:54	1
1,1-Dichloroethane	ND		0.81	0.073	ug/m3			03/29/25 00:54	1
Methyl Ethyl Ketone	**0.56**	**J**	1.5	0.41	ug/m3			03/29/25 00:54	1
cis-1,2-Dichloroethene	ND		0.79	0.13	ug/m3			03/29/25 00:54	1
1,2-Dichloroethene, Total	ND		1.6	0.079	ug/m3			03/29/25 00:54	1
Chloroform	ND		0.98	0.29	ug/m3			03/29/25 00:54	1
Tetrahydrofuran	ND		15	5.0	ug/m3			03/29/25 00:54	1
1,1,1-Trichloroethane	ND		1.1	0.40	ug/m3			03/29/25 00:54	1
Cyclohexane	ND		0.69	0.18	ug/m3			03/29/25 00:54	1
Carbon tetrachloride	**0.51**	**J**	1.3	0.15	ug/m3			03/29/25 00:54	1
2,2,4-Trimethylpentane	ND		0.93	0.33	ug/m3			03/29/25 00:54	1
Benzene	**0.31**	**J**	0.64	0.16	ug/m3			03/29/25 00:54	1
1,2-Dichloroethane	ND		0.81	0.30	ug/m3			03/29/25 00:54	1
n-Heptane	ND		0.82	0.35	ug/m3			03/29/25 00:54	1
Trichloroethene	ND		1.1	0.16	ug/m3			03/29/25 00:54	1
Methyl methacrylate	ND		2.0	0.53	ug/m3			03/29/25 00:54	1
1,2-Dichloropropane	ND		0.92	0.25	ug/m3			03/29/25 00:54	1
1,4-Dioxane	ND		18	0.68	ug/m3			03/29/25 00:54	1
Bromodichloromethane	ND		1.3	0.39	ug/m3			03/29/25 00:54	1
cis-1,3-Dichloropropene	ND		0.91	0.25	ug/m3			03/29/25 00:54	1
methyl isobutyl ketone	ND		2.0	0.78	ug/m3			03/29/25 00:54	1
Toluene	**0.27**	**J**	0.75	0.20	ug/m3			03/29/25 00:54	1
trans-1,3-Dichloropropene	ND		0.91	0.28	ug/m3			03/29/25 00:54	1
1,1,2-Trichloroethane	ND		1.1	0.29	ug/m3			03/29/25 00:54	1
Tetrachloroethene	ND		1.4	0.24	ug/m3			03/29/25 00:54	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.82	ug/m3			03/29/25 00:54	1
Dibromochloromethane	ND		1.7	0.45	ug/m3			03/29/25 00:54	1
1,2-Dibromoethane	ND		1.5	0.35	ug/m3			03/29/25 00:54	1
Chlorobenzene	ND		0.92	0.22	ug/m3			03/29/25 00:54	1
Ethylbenzene	ND		0.87	0.22	ug/m3			03/29/25 00:54	1
m,p-Xylene	**0.094**	**J**	2.2	0.061	ug/m3			03/29/25 00:54	1

Client: GHD Services Inc.
Job ID: 480-228118-1
Project/Site: 12616852, GM-Lockport Air 256042

Client Sample ID: OA-1-031825
Lab Sample ID: 480-228118-5
Date Collected: 03/18/25 16:54
Matrix: Air
Date Received: 03/20/25 10:40
Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylene, o-	ND		0.87	0.30	ug/m3			03/29/25 00:54	1
Xylene (total)	**0.094**	**J**	3.0	0.061	ug/m3			03/29/25 00:54	1
Styrene	ND		0.85	0.24	ug/m3			03/29/25 00:54	1
Bromoform	ND		2.1	0.60	ug/m3			03/29/25 00:54	1
Cumene	ND		0.98	0.35	ug/m3			03/29/25 00:54	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.42	ug/m3			03/29/25 00:54	1
n-Propylbenzene	ND		0.98	0.30	ug/m3			03/29/25 00:54	1
4-Ethyltoluene	ND		0.98	0.33	ug/m3			03/29/25 00:54	1
1,3,5-Trimethylbenzene	ND		0.98	0.33	ug/m3			03/29/25 00:54	1
2-Chlorotoluene	ND		1.0	0.30	ug/m3			03/29/25 00:54	1
tert-Butylbenzene	ND		1.1	0.38	ug/m3			03/29/25 00:54	1
1,2,4-Trimethylbenzene	ND		0.98	0.40	ug/m3			03/29/25 00:54	1
sec-Butylbenzene	ND		1.1	0.40	ug/m3			03/29/25 00:54	1
4-Isopropyltoluene	ND		1.1	0.43	ug/m3			03/29/25 00:54	1
1,3-Dichlorobenzene	ND		1.2	0.38	ug/m3			03/29/25 00:54	1
1,4-Dichlorobenzene	ND		1.2	0.42	ug/m3			03/29/25 00:54	1
Benzyl chloride	ND		1.0	0.38	ug/m3			03/29/25 00:54	1
n-Butylbenzene	ND		1.1	0.38	ug/m3			03/29/25 00:54	1
1,2-Dichlorobenzene	ND		1.2	0.40	ug/m3			03/29/25 00:54	1
1,2,4-Trichlorobenzene	ND		3.7	2.2	ug/m3			03/29/25 00:54	1
Hexachlorobutadiene	ND		2.1	0.83	ug/m3			03/29/25 00:54	1
Naphthalene	ND		2.6	0.58	ug/m3			03/29/25 00:54	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Lab Sample ID: MB 200-214658/4
Matrix: Air
Analysis Batch: 214658

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		2.5	1.1	ug/m3			03/28/25 11:09	1
Freon 22	ND		1.8	1.3	ug/m3			03/28/25 11:09	1
1,2-Dichlorotetrafluoroethane	ND		1.4	0.53	ug/m3			03/28/25 11:09	1
Chloromethane	ND		1.0	0.68	ug/m3			03/28/25 11:09	1
n-Butane	ND		1.2	0.74	ug/m3			03/28/25 11:09	1
Vinyl chloride	ND		0.51	0.074	ug/m3			03/28/25 11:09	1
1,3-Butadiene	ND		0.44	0.088	ug/m3			03/28/25 11:09	1
Bromomethane	ND		0.78	0.24	ug/m3			03/28/25 11:09	1
Chloroethane	ND		1.3	0.42	ug/m3			03/28/25 11:09	1
Bromoethene(Vinyl Bromide)	ND		0.87	0.21	ug/m3			03/28/25 11:09	1
Trichlorofluoromethane	ND		1.1	0.43	ug/m3			03/28/25 11:09	1
Freon TF	ND		1.5	0.44	ug/m3			03/28/25 11:09	1
1,1-Dichloroethene	ND		0.79	0.14	ug/m3			03/28/25 11:09	1
Acetone	ND		12	4.5	ug/m3			03/28/25 11:09	1
Isopropyl alcohol	ND		12	5.4	ug/m3			03/28/25 11:09	1
Carbon disulfide	ND		1.6	0.56	ug/m3			03/28/25 11:09	1
3-Chloropropene	ND		1.6	0.25	ug/m3			03/28/25 11:09	1
Methylene Chloride	ND		1.7	0.66	ug/m3			03/28/25 11:09	1
tert-Butyl alcohol	ND		15	4.9	ug/m3			03/28/25 11:09	1
Methyl tert-butyl ether	ND		0.72	0.24	ug/m3			03/28/25 11:09	1
trans-1,2-Dichloroethene	ND		0.79	0.079	ug/m3			03/28/25 11:09	1
n-Hexane	ND		1.8	0.56	ug/m3			03/28/25 11:09	1
1,1-Dichloroethane	ND		0.81	0.073	ug/m3			03/28/25 11:09	1
Methyl Ethyl Ketone	ND		1.5	0.41	ug/m3			03/28/25 11:09	1
cis-1,2-Dichloroethene	ND		0.79	0.13	ug/m3			03/28/25 11:09	1
1,2-Dichloroethene, Total	ND		1.6	0.079	ug/m3			03/28/25 11:09	1
Chloroform	ND		0.98	0.29	ug/m3			03/28/25 11:09	1
Tetrahydrofuran	ND		15	5.0	ug/m3			03/28/25 11:09	1
1,1,1-Trichloroethane	ND		1.1	0.40	ug/m3			03/28/25 11:09	1
Cyclohexane	ND		0.69	0.18	ug/m3			03/28/25 11:09	1
Carbon tetrachloride	ND		1.3	0.15	ug/m3			03/28/25 11:09	1
2,2,4-Trimethylpentane	ND		0.93	0.33	ug/m3			03/28/25 11:09	1
Benzene	ND		0.64	0.16	ug/m3			03/28/25 11:09	1
1,2-Dichloroethane	ND		0.81	0.30	ug/m3			03/28/25 11:09	1
n-Heptane	ND		0.82	0.35	ug/m3			03/28/25 11:09	1
Trichloroethene	ND		1.1	0.16	ug/m3			03/28/25 11:09	1
Methyl methacrylate	ND		2.0	0.53	ug/m3			03/28/25 11:09	1
1,2-Dichloropropane	ND		0.92	0.25	ug/m3			03/28/25 11:09	1
1,4-Dioxane	ND		18	0.68	ug/m3			03/28/25 11:09	1
Bromodichloromethane	ND		1.3	0.39	ug/m3			03/28/25 11:09	1
cis-1,3-Dichloropropene	ND		0.91	0.25	ug/m3			03/28/25 11:09	1
methyl isobutyl ketone	ND		2.0	0.78	ug/m3			03/28/25 11:09	1
Toluene	ND		0.75	0.20	ug/m3			03/28/25 11:09	1
trans-1,3-Dichloropropene	ND		0.91	0.28	ug/m3			03/28/25 11:09	1
1,1,2-Trichloroethane	ND		1.1	0.29	ug/m3			03/28/25 11:09	1
Tetrachloroethene	ND		1.4	0.24	ug/m3			03/28/25 11:09	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.82	ug/m3			03/28/25 11:09	1
Dibromochloromethane	ND		1.7	0.45	ug/m3			03/28/25 11:09	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-214658/4
Matrix: Air
Analysis Batch: 214658

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		1.5	0.35	ug/m3			03/28/25 11:09	1
Chlorobenzene	ND		0.92	0.22	ug/m3			03/28/25 11:09	1
Ethylbenzene	ND		0.87	0.22	ug/m3			03/28/25 11:09	1
m,p-Xylene	ND		2.2	0.061	ug/m3			03/28/25 11:09	1
Xylene, o-	ND		0.87	0.30	ug/m3			03/28/25 11:09	1
Xylene (total)	ND		3.0	0.061	ug/m3			03/28/25 11:09	1
Styrene	ND		0.85	0.24	ug/m3			03/28/25 11:09	1
Bromoform	ND		2.1	0.60	ug/m3			03/28/25 11:09	1
Cumene	ND		0.98	0.35	ug/m3			03/28/25 11:09	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.42	ug/m3			03/28/25 11:09	1
n-Propylbenzene	ND		0.98	0.30	ug/m3			03/28/25 11:09	1
4-Ethyltoluene	ND		0.98	0.33	ug/m3			03/28/25 11:09	1
1,3,5-Trimethylbenzene	ND		0.98	0.33	ug/m3			03/28/25 11:09	1
2-Chlorotoluene	ND		1.0	0.30	ug/m3			03/28/25 11:09	1
tert-Butylbenzene	ND		1.1	0.38	ug/m3			03/28/25 11:09	1
1,2,4-Trimethylbenzene	ND		0.98	0.40	ug/m3			03/28/25 11:09	1
sec-Butylbenzene	ND		1.1	0.40	ug/m3			03/28/25 11:09	1
4-Isopropyltoluene	ND		1.1	0.43	ug/m3			03/28/25 11:09	1
1,3-Dichlorobenzene	ND		1.2	0.38	ug/m3			03/28/25 11:09	1
1,4-Dichlorobenzene	ND		1.2	0.42	ug/m3			03/28/25 11:09	1
Benzyl chloride	ND		1.0	0.38	ug/m3			03/28/25 11:09	1
n-Butylbenzene	ND		1.1	0.38	ug/m3			03/28/25 11:09	1
1,2-Dichlorobenzene	ND		1.2	0.40	ug/m3			03/28/25 11:09	1
1,2,4-Trichlorobenzene	ND		3.7	2.2	ug/m3			03/28/25 11:09	1
Hexachlorobutadiene	ND		2.1	0.83	ug/m3			03/28/25 11:09	1
Naphthalene	ND		2.6	0.58	ug/m3			03/28/25 11:09	1

Lab Sample ID: LCS 200-214658/3
Matrix: Air
Analysis Batch: 214658

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dichlorodifluoromethane	49.4	59.0		ug/m3		119	61 - 142
Freon 22	35.4	40.5		ug/m3		114	60 - 147
1,2-Dichlorotetrafluoroethane	69.9	84.1		ug/m3		120	71 - 141
Chloromethane	20.6	22.5		ug/m3		109	56 - 141
n-Butane	23.8	21.1		ug/m3		89	53 - 151
Vinyl chloride	25.6	24.5		ug/m3		96	61 - 135
1,3-Butadiene	22.1	20.3		ug/m3		92	58 - 139
Bromomethane	38.8	46.2		ug/m3		119	72 - 124
Chloroethane	26.4	28.9		ug/m3		110	68 - 130
Bromoethene(Vinyl Bromide)	43.7	52.5		ug/m3		120	75 - 125
Trichlorofluoromethane	56.2	61.0		ug/m3		109	70 - 129
Freon TF	76.6	79.1		ug/m3		103	70 - 121
1,1-Dichloroethene	39.6	42.0		ug/m3		106	68 - 120
Acetone	23.7	21.3		ug/m3		90	54 - 154
Isopropyl alcohol	24.6	22.9		ug/m3		93	53 - 142
Carbon disulfide	31.1	30.8		ug/m3		99	71 - 138
3-Chloropropene	31.3	29.9		ug/m3		96	50 - 150

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-214658/3
Matrix: Air
Analysis Batch: 214658

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methylene Chloride	34.7	31.6		ug/m3		91	59 - 137
tert-Butyl alcohol	30.3	27.5		ug/m3		91	66 - 132
Methyl tert-butyl ether	36.0	37.9		ug/m3		105	70 - 127
trans-1,2-Dichloroethene	39.6	41.4		ug/m3		104	69 - 137
n-Hexane	35.2	35.5		ug/m3		101	63 - 138
1,1-Dichloroethane	40.5	40.2		ug/m3		99	66 - 130
Methyl Ethyl Ketone	29.5	25.1		ug/m3		85	72 - 124
cis-1,2-Dichloroethene	39.6	41.1		ug/m3		104	72 - 121
Chloroform	48.8	49.2		ug/m3		101	73 - 124
Tetrahydrofuran	29.5	26.7		ug/m3		91	60 - 149
1,1,1-Trichloroethane	54.6	56.5		ug/m3		104	72 - 127
Cyclohexane	34.4	36.4		ug/m3		106	76 - 124
Carbon tetrachloride	62.9	69.0		ug/m3		110	71 - 133
2,2,4-Trimethylpentane	46.7	47.7		ug/m3		102	68 - 131
Benzene	31.9	33.1		ug/m3		104	73 - 119
1,2-Dichloroethane	40.5	40.1		ug/m3		99	68 - 135
n-Heptane	41.0	40.2		ug/m3		98	60 - 142
Trichloroethene	53.7	57.7		ug/m3		107	73 - 122
Methyl methacrylate	40.9	42.1		ug/m3		103	73 - 129
1,2-Dichloropropane	46.2	46.2		ug/m3		100	69 - 128
1,4-Dioxane	36.0	35.5		ug/m3		98	66 - 129
Bromodichloromethane	67.0	69.8		ug/m3		104	75 - 127
cis-1,3-Dichloropropene	45.4	47.9		ug/m3		106	74 - 125
methyl isobutyl ketone	41.0	40.1		ug/m3		98	58 - 144
Toluene	37.7	40.7		ug/m3		108	75 - 122
trans-1,3-Dichloropropene	45.4	52.2		ug/m3		115	74 - 128
1,1,2-Trichloroethane	54.6	57.3		ug/m3		105	75 - 126
Tetrachloroethene	67.8	77.2		ug/m3		114	70 - 125
Methyl Butyl Ketone (2-Hexanone)	41.0	41.7		ug/m3		102	57 - 143
Dibromochloromethane	85.2	91.8		ug/m3		108	73 - 125
1,2-Dibromoethane	76.8	82.8		ug/m3		108	78 - 122
Chlorobenzene	46.0	49.8		ug/m3		108	76 - 119
Ethylbenzene	43.4	47.0		ug/m3		108	74 - 122
m,p-Xylene	86.8	96.7		ug/m3		111	76 - 121
Xylene, o-	43.4	48.8		ug/m3		112	73 - 123
Styrene	42.6	49.9		ug/m3		117	74 - 125
Bromoform	103	118		ug/m3		114	53 - 149
Cumene	49.1	55.5		ug/m3		113	73 - 123
1,1,2,2-Tetrachloroethane	68.6	72.2		ug/m3		105	74 - 126
n-Propylbenzene	49.1	54.5		ug/m3		111	73 - 127
4-Ethyltoluene	49.2	57.0		ug/m3		116	75 - 129
1,3,5-Trimethylbenzene	49.2	55.9		ug/m3		114	72 - 126
2-Chlorotoluene	51.8	56.5		ug/m3		109	74 - 126
tert-Butylbenzene	54.9	61.2		ug/m3		112	71 - 125
1,2,4-Trimethylbenzene	49.2	56.1		ug/m3		114	71 - 129
sec-Butylbenzene	54.9	61.8		ug/m3		113	70 - 128
4-Isopropyltoluene	54.9	62.0		ug/m3		113	68 - 130
1,3-Dichlorobenzene	60.1	69.1		ug/m3		115	69 - 131

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-214658/3
Matrix: Air
Analysis Batch: 214658

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,4-Dichlorobenzene	60.1	70.6		ug/m3		117	67 - 132
Benzyl chloride	51.8	62.2		ug/m3		120	60 - 136
n-Butylbenzene	54.9	61.7		ug/m3		113	65 - 137
1,2-Dichlorobenzene	60.1	69.0		ug/m3		115	68 - 129
1,2,4-Trichlorobenzene	74.2	99.0		ug/m3		133	50 - 150
Hexachlorobutadiene	107	132		ug/m3		123	58 - 130
Naphthalene	52.4	72.9		ug/m3		139	50 - 150

Lab Sample ID: 480-228118-5 DU
Matrix: Air
Analysis Batch: 214658

Client Sample ID: OA-1-031825
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Dichlorodifluoromethane	2.6		2.70		ug/m3		2	25
Freon 22	ND		ND		ug/m3		NC	25
1,2-Dichlorotetrafluoroethane	ND		ND		ug/m3		NC	25
Chloromethane	1.4		1.37		ug/m3		0.1	25
n-Butane	1.3		1.34		ug/m3		2	25
Vinyl chloride	ND		ND		ug/m3		NC	25
1,3-Butadiene	ND		ND		ug/m3		NC	25
Bromomethane	ND		ND		ug/m3		NC	25
Chloroethane	ND		ND		ug/m3		NC	25
Bromoethene(Vinyl Bromide)	ND		ND		ug/m3		NC	25
Trichlorofluoromethane	1.4		1.42		ug/m3		0.8	25
Freon TF	0.57	J	0.586	J	ug/m3		2	25
1,1-Dichloroethene	ND		ND		ug/m3		NC	25
Acetone	4.7	J	ND		ug/m3		NC	25
Isopropyl alcohol	ND		ND		ug/m3		NC	25
Carbon disulfide	ND		ND		ug/m3		NC	25
3-Chloropropene	ND		ND		ug/m3		NC	25
Methylene Chloride	ND		ND		ug/m3		NC	25
tert-Butyl alcohol	ND		ND		ug/m3		NC	25
Methyl tert-butyl ether	ND		ND		ug/m3		NC	25
trans-1,2-Dichloroethene	ND		ND		ug/m3		NC	25
n-Hexane	ND		ND		ug/m3		NC	25
1,1-Dichloroethane	ND		ND		ug/m3		NC	25
Methyl Ethyl Ketone	0.56	J	0.540	J	ug/m3		3	25
cis-1,2-Dichloroethene	ND		ND		ug/m3		NC	25
1,2-Dichloroethene, Total	ND		ND		ug/m3		NC	25
Chloroform	ND		ND		ug/m3		NC	25
Tetrahydrofuran	ND		ND		ug/m3		NC	25
1,1,1-Trichloroethane	ND		ND		ug/m3		NC	25
Cyclohexane	ND		ND		ug/m3		NC	25
Carbon tetrachloride	0.51	J	0.513	J	ug/m3		0.2	25
2,2,4-Trimethylpentane	ND		ND		ug/m3		NC	25
Benzene	0.31	J	0.318	J	ug/m3		1	25
1,2-Dichloroethane	ND		ND		ug/m3		NC	25
n-Heptane	ND		ND		ug/m3		NC	25
Trichloroethene	ND		ND		ug/m3		NC	25

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: 480-228118-5 DU
Matrix: Air
Analysis Batch: 214658

Client Sample ID: OA-1-031825
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Methyl methacrylate	ND			ND		ug/m3				NC	25
1,2-Dichloropropane	ND			ND		ug/m3				NC	25
1,4-Dioxane	ND			ND		ug/m3				NC	25
Bromodichloromethane	ND			ND		ug/m3				NC	25
cis-1,3-Dichloropropene	ND			ND		ug/m3				NC	25
methyl isobutyl ketone	ND			ND		ug/m3				NC	25
Toluene	0.27	J		0.220	J	ug/m3				21	25
trans-1,3-Dichloropropene	ND			ND		ug/m3				NC	25
1,1,2-Trichloroethane	ND			ND		ug/m3				NC	25
Tetrachloroethene	ND			ND		ug/m3				NC	25
Methyl Butyl Ketone (2-Hexanone)	ND			ND		ug/m3				NC	25
Dibromochloromethane	ND			ND		ug/m3				NC	25
1,2-Dibromoethane	ND			ND		ug/m3				NC	25
Chlorobenzene	ND			ND		ug/m3				NC	25
Ethylbenzene	ND			ND		ug/m3				NC	25
m,p-Xylene	0.094	J		0.0933	J	ug/m3				0.5	25
Xylene, o-	ND			ND		ug/m3				NC	25
Xylene (total)	0.094	J		0.0933	J	ug/m3				0.7	25
Styrene	ND			ND		ug/m3				NC	25
Bromoform	ND			ND		ug/m3				NC	25
Cumene	ND			ND		ug/m3				NC	25
1,1,2,2-Tetrachloroethane	ND			ND		ug/m3				NC	25
n-Propylbenzene	ND			ND		ug/m3				NC	25
4-Ethyltoluene	ND			ND		ug/m3				NC	25
1,3,5-Trimethylbenzene	ND			ND		ug/m3				NC	25
2-Chlorotoluene	ND			ND		ug/m3				NC	25
tert-Butylbenzene	ND			ND		ug/m3				NC	25
1,2,4-Trimethylbenzene	ND			ND		ug/m3				NC	25
sec-Butylbenzene	ND			ND		ug/m3				NC	25
4-Isopropyltoluene	ND			ND		ug/m3				NC	25
1,3-Dichlorobenzene	ND			ND		ug/m3				NC	25
1,4-Dichlorobenzene	ND			ND		ug/m3				NC	25
Benzyl chloride	ND			ND		ug/m3				NC	25
n-Butylbenzene	ND			ND		ug/m3				NC	25
1,2-Dichlorobenzene	ND			ND		ug/m3				NC	25
1,2,4-Trichlorobenzene	ND			ND		ug/m3				NC	25
Hexachlorobutadiene	ND			ND		ug/m3				NC	25
Naphthalene	ND			ND		ug/m3				NC	25

Lab Sample ID: MB 200-214690/4
Matrix: Air
Analysis Batch: 214690

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		2.5	1.1	ug/m3			03/29/25 11:22	1
Freon 22	ND		1.8	1.3	ug/m3			03/29/25 11:22	1
1,2-Dichlorotetrafluoroethane	ND		1.4	0.53	ug/m3			03/29/25 11:22	1
Chloromethane	ND		1.0	0.68	ug/m3			03/29/25 11:22	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-214690/4
Matrix: Air
Analysis Batch: 214690

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Butane	ND		1.2	0.74	ug/m3			03/29/25 11:22	1
Vinyl chloride	ND		0.51	0.074	ug/m3			03/29/25 11:22	1
1,3-Butadiene	ND		0.44	0.088	ug/m3			03/29/25 11:22	1
Bromomethane	ND		0.78	0.24	ug/m3			03/29/25 11:22	1
Chloroethane	ND		1.3	0.42	ug/m3			03/29/25 11:22	1
Bromoethene(Vinyl Bromide)	ND		0.87	0.21	ug/m3			03/29/25 11:22	1
Trichlorofluoromethane	ND		1.1	0.43	ug/m3			03/29/25 11:22	1
Freon TF	ND		1.5	0.44	ug/m3			03/29/25 11:22	1
1,1-Dichloroethene	ND		0.79	0.14	ug/m3			03/29/25 11:22	1
Acetone	ND		12	4.5	ug/m3			03/29/25 11:22	1
Isopropyl alcohol	ND		12	5.4	ug/m3			03/29/25 11:22	1
Carbon disulfide	ND		1.6	0.56	ug/m3			03/29/25 11:22	1
3-Chloropropene	ND		1.6	0.25	ug/m3			03/29/25 11:22	1
Methylene Chloride	ND		1.7	0.66	ug/m3			03/29/25 11:22	1
tert-Butyl alcohol	ND		15	4.9	ug/m3			03/29/25 11:22	1
Methyl tert-butyl ether	ND		0.72	0.24	ug/m3			03/29/25 11:22	1
trans-1,2-Dichloroethene	ND		0.79	0.079	ug/m3			03/29/25 11:22	1
n-Hexane	ND		1.8	0.56	ug/m3			03/29/25 11:22	1
1,1-Dichloroethane	ND		0.81	0.073	ug/m3			03/29/25 11:22	1
Methyl Ethyl Ketone	ND		1.5	0.41	ug/m3			03/29/25 11:22	1
cis-1,2-Dichloroethene	ND		0.79	0.13	ug/m3			03/29/25 11:22	1
1,2-Dichloroethene, Total	ND		1.6	0.079	ug/m3			03/29/25 11:22	1
Chloroform	ND		0.98	0.29	ug/m3			03/29/25 11:22	1
Tetrahydrofuran	ND		15	5.0	ug/m3			03/29/25 11:22	1
1,1,1-Trichloroethane	ND		1.1	0.40	ug/m3			03/29/25 11:22	1
Cyclohexane	ND		0.69	0.18	ug/m3			03/29/25 11:22	1
Carbon tetrachloride	ND		1.3	0.15	ug/m3			03/29/25 11:22	1
2,2,4-Trimethylpentane	ND		0.93	0.33	ug/m3			03/29/25 11:22	1
Benzene	ND		0.64	0.16	ug/m3			03/29/25 11:22	1
1,2-Dichloroethane	ND		0.81	0.30	ug/m3			03/29/25 11:22	1
n-Heptane	ND		0.82	0.35	ug/m3			03/29/25 11:22	1
Trichloroethene	ND		1.1	0.16	ug/m3			03/29/25 11:22	1
Methyl methacrylate	ND		2.0	0.53	ug/m3			03/29/25 11:22	1
1,2-Dichloropropane	ND		0.92	0.25	ug/m3			03/29/25 11:22	1
1,4-Dioxane	ND		18	0.68	ug/m3			03/29/25 11:22	1
Bromodichloromethane	ND		1.3	0.39	ug/m3			03/29/25 11:22	1
cis-1,3-Dichloropropene	ND		0.91	0.25	ug/m3			03/29/25 11:22	1
methyl isobutyl ketone	ND		2.0	0.78	ug/m3			03/29/25 11:22	1
Toluene	ND		0.75	0.20	ug/m3			03/29/25 11:22	1
trans-1,3-Dichloropropene	ND		0.91	0.28	ug/m3			03/29/25 11:22	1
1,1,2-Trichloroethane	ND		1.1	0.29	ug/m3			03/29/25 11:22	1
Tetrachloroethene	ND		1.4	0.24	ug/m3			03/29/25 11:22	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.82	ug/m3			03/29/25 11:22	1
Dibromochloromethane	ND		1.7	0.45	ug/m3			03/29/25 11:22	1
1,2-Dibromoethane	ND		1.5	0.35	ug/m3			03/29/25 11:22	1
Chlorobenzene	ND		0.92	0.22	ug/m3			03/29/25 11:22	1
Ethylbenzene	ND		0.87	0.22	ug/m3			03/29/25 11:22	1
m,p-Xylene	ND		2.2	0.061	ug/m3			03/29/25 11:22	1
Xylene, o-	ND		0.87	0.30	ug/m3			03/29/25 11:22	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-214690/4
Matrix: Air
Analysis Batch: 214690

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylene (total)	ND		3.0	0.061	ug/m3			03/29/25 11:22	1
Styrene	ND		0.85	0.24	ug/m3			03/29/25 11:22	1
Bromoform	ND		2.1	0.60	ug/m3			03/29/25 11:22	1
Cumene	ND		0.98	0.35	ug/m3			03/29/25 11:22	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.42	ug/m3			03/29/25 11:22	1
n-Propylbenzene	ND		0.98	0.30	ug/m3			03/29/25 11:22	1
4-Ethyltoluene	ND		0.98	0.33	ug/m3			03/29/25 11:22	1
1,3,5-Trimethylbenzene	ND		0.98	0.33	ug/m3			03/29/25 11:22	1
2-Chlorotoluene	ND		1.0	0.30	ug/m3			03/29/25 11:22	1
tert-Butylbenzene	ND		1.1	0.38	ug/m3			03/29/25 11:22	1
1,2,4-Trimethylbenzene	ND		0.98	0.40	ug/m3			03/29/25 11:22	1
sec-Butylbenzene	ND		1.1	0.40	ug/m3			03/29/25 11:22	1
4-Isopropyltoluene	ND		1.1	0.43	ug/m3			03/29/25 11:22	1
1,3-Dichlorobenzene	ND		1.2	0.38	ug/m3			03/29/25 11:22	1
1,4-Dichlorobenzene	ND		1.2	0.42	ug/m3			03/29/25 11:22	1
Benzyl chloride	ND		1.0	0.38	ug/m3			03/29/25 11:22	1
n-Butylbenzene	ND		1.1	0.38	ug/m3			03/29/25 11:22	1
1,2-Dichlorobenzene	ND		1.2	0.40	ug/m3			03/29/25 11:22	1
1,2,4-Trichlorobenzene	ND		3.7	2.2	ug/m3			03/29/25 11:22	1
Hexachlorobutadiene	ND		2.1	0.83	ug/m3			03/29/25 11:22	1
Naphthalene	ND		2.6	0.58	ug/m3			03/29/25 11:22	1

Lab Sample ID: LCS 200-214690/3
Matrix: Air
Analysis Batch: 214690

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dichlorodifluoromethane	49.4	54.8		ug/m3		111	61 - 142
Freon 22	35.4	37.6		ug/m3		106	60 - 147
1,2-Dichlorotetrafluoroethane	69.9	79.1		ug/m3		113	71 - 141
Chloromethane	20.6	21.4		ug/m3		104	56 - 141
n-Butane	23.8	21.6		ug/m3		91	53 - 151
Vinyl chloride	25.6	25.2		ug/m3		99	61 - 135
1,3-Butadiene	22.1	20.7		ug/m3		94	58 - 139
Bromomethane	38.8	44.8		ug/m3		115	72 - 124
Chloroethane	26.4	28.8		ug/m3		109	68 - 130
Bromoethene(Vinyl Bromide)	43.7	51.7		ug/m3		118	75 - 125
Trichlorofluoromethane	56.2	61.4		ug/m3		109	70 - 129
Freon TF	76.6	78.9		ug/m3		103	70 - 121
1,1-Dichloroethene	39.6	41.7		ug/m3		105	68 - 120
Acetone	23.7	22.0		ug/m3		93	54 - 154
Isopropyl alcohol	24.6	23.4		ug/m3		95	53 - 142
Carbon disulfide	31.1	30.9		ug/m3		99	71 - 138
3-Chloropropene	31.3	30.7		ug/m3		98	50 - 150
Methylene Chloride	34.7	32.5		ug/m3		94	59 - 137
tert-Butyl alcohol	30.3	27.6		ug/m3		91	66 - 132
Methyl tert-butyl ether	36.0	38.1		ug/m3		106	70 - 127
trans-1,2-Dichloroethene	39.6	42.0		ug/m3		106	69 - 137
n-Hexane	35.2	35.8		ug/m3		102	63 - 138

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-214690/3
Matrix: Air
Analysis Batch: 214690

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethane	40.5	40.9		ug/m3		101	66 - 130
Methyl Ethyl Ketone	29.5	25.3		ug/m3		86	72 - 124
cis-1,2-Dichloroethene	39.6	41.3		ug/m3		104	72 - 121
Chloroform	48.8	49.6		ug/m3		102	73 - 124
Tetrahydrofuran	29.5	27.2		ug/m3		92	60 - 149
1,1,1-Trichloroethane	54.6	56.6		ug/m3		104	72 - 127
Cyclohexane	34.4	36.3		ug/m3		105	76 - 124
Carbon tetrachloride	62.9	69.0		ug/m3		110	71 - 133
2,2,4-Trimethylpentane	46.7	48.1		ug/m3		103	68 - 131
Benzene	31.9	33.1		ug/m3		104	73 - 119
1,2-Dichloroethane	40.5	40.7		ug/m3		100	68 - 135
n-Heptane	41.0	40.9		ug/m3		100	60 - 142
Trichloroethene	53.7	57.4		ug/m3		107	73 - 122
Methyl methacrylate	40.9	42.1		ug/m3		103	73 - 129
1,2-Dichloropropane	46.2	46.8		ug/m3		101	69 - 128
1,4-Dioxane	36.0	35.4		ug/m3		98	66 - 129
Bromodichloromethane	67.0	70.3		ug/m3		105	75 - 127
cis-1,3-Dichloropropene	45.4	48.0		ug/m3		106	74 - 125
methyl isobutyl ketone	41.0	40.4		ug/m3		99	58 - 144
Toluene	37.7	40.5		ug/m3		107	75 - 122
trans-1,3-Dichloropropene	45.4	52.4		ug/m3		115	74 - 128
1,1,2-Trichloroethane	54.6	57.3		ug/m3		105	75 - 126
Tetrachloroethene	67.8	75.7		ug/m3		112	70 - 125
Methyl Butyl Ketone (2-Hexanone)	41.0	42.2		ug/m3		103	57 - 143
Dibromochloromethane	85.2	91.5		ug/m3		107	73 - 125
1,2-Dibromoethane	76.8	82.7		ug/m3		108	78 - 122
Chlorobenzene	46.0	49.3		ug/m3		107	76 - 119
Ethylbenzene	43.4	46.9		ug/m3		108	74 - 122
m,p-Xylene	86.8	95.9		ug/m3		110	76 - 121
Xylene, o-	43.4	48.5		ug/m3		112	73 - 123
Styrene	42.6	49.6		ug/m3		116	74 - 125
Bromoform	103	116		ug/m3		112	53 - 149
Cumene	49.1	55.1		ug/m3		112	73 - 123
1,1,2,2-Tetrachloroethane	68.6	72.8		ug/m3		106	74 - 126
n-Propylbenzene	49.1	54.6		ug/m3		111	73 - 127
4-Ethyltoluene	49.2	57.0		ug/m3		116	75 - 129
1,3,5-Trimethylbenzene	49.2	55.7		ug/m3		113	72 - 126
2-Chlorotoluene	51.8	56.8		ug/m3		110	74 - 126
tert-Butylbenzene	54.9	61.2		ug/m3		111	71 - 125
1,2,4-Trimethylbenzene	49.2	55.8		ug/m3		113	71 - 129
sec-Butylbenzene	54.9	62.1		ug/m3		113	70 - 128
4-Isopropyltoluene	54.9	61.6		ug/m3		112	68 - 130
1,3-Dichlorobenzene	60.1	68.7		ug/m3		114	69 - 131
1,4-Dichlorobenzene	60.1	69.4		ug/m3		116	67 - 132
Benzyl chloride	51.8	62.6		ug/m3		121	60 - 136
n-Butylbenzene	54.9	62.2		ug/m3		113	65 - 137
1,2-Dichlorobenzene	60.1	68.3		ug/m3		114	68 - 129
1,2,4-Trichlorobenzene	74.2	97.0		ug/m3		131	50 - 150

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-214690/3
Matrix: Air
Analysis Batch: 214690

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Hexachlorobutadiene	107	129		ug/m3		121	58 - 130
Naphthalene	52.4	72.4		ug/m3		138	50 - 150

QC Association Summary

Client: GHD Services Inc.
Project/Site: 12616852, GM-Lockport Air 256042

Job ID: 480-228118-1

Air - GC/MS VOA

Analysis Batch: 214658

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-228118-1	7A-IA-1-031825	Total/NA	Air	TO-15	
480-228118-2	7A-IA-2-031825	Total/NA	Air	TO-15	
480-228118-3	10-IA-1-031825	Total/NA	Air	TO-15	
480-228118-4	10-IA-2-031825	Total/NA	Air	TO-15	
480-228118-5	OA-1-031825	Total/NA	Air	TO-15	
MB 200-214658/4	Method Blank	Total/NA	Air	TO-15	
LCS 200-214658/3	Lab Control Sample	Total/NA	Air	TO-15	
480-228118-5 DU	OA-1-031825	Total/NA	Air	TO-15	

Analysis Batch: 214690

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-228118-3 - DL	10-IA-1-031825	Total/NA	Air	TO-15	
480-228118-4 - DL	10-IA-2-031825	Total/NA	Air	TO-15	
MB 200-214690/4	Method Blank	Total/NA	Air	TO-15	
LCS 200-214690/3	Lab Control Sample	Total/NA	Air	TO-15	

Lab Chronicle

Client: GHD Services Inc.
Project/Site: 12616852, GM-Lockport Air 256042

Job ID: 480-228118-1

Client Sample ID: 7A-IA-1-031825
Lab Sample ID: 480-228118-1
Date Collected: 03/18/25 16:47
Matrix: Air
Date Received: 03/20/25 10:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	214658	A1B	EET BUR	03/28/25 21:30

Client Sample ID: 7A-IA-2-031825
Lab Sample ID: 480-228118-2
Date Collected: 03/18/25 16:24
Matrix: Air
Date Received: 03/20/25 10:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	214658	A1B	EET BUR	03/28/25 22:21

Client Sample ID: 10-IA-1-031825
Lab Sample ID: 480-228118-3
Date Collected: 03/18/25 17:00
Matrix: Air
Date Received: 03/20/25 10:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	214658	A1B	EET BUR	03/28/25 23:12
Total/NA	Analysis	TO-15	DL	2.99	214690	K1P	EET BUR	03/29/25 14:02

Client Sample ID: 10-IA-2-031825
Lab Sample ID: 480-228118-4
Date Collected: 03/18/25 17:02
Matrix: Air
Date Received: 03/20/25 10:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	214658	A1B	EET BUR	03/29/25 00:03
Total/NA	Analysis	TO-15	DL	2	214690	K1P	EET BUR	03/29/25 14:53

Client Sample ID: OA-1-031825
Lab Sample ID: 480-228118-5
Date Collected: 03/18/25 16:54
Matrix: Air
Date Received: 03/20/25 10:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	214658	A1B	EET BUR	03/29/25 00:54

Laboratory References:

EET BUR = Eurofins Burlington, 530 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Accreditation/Certification Summary

Client: GHD Services Inc.
Job ID: 480-228118-1
Project/Site: 12616852, GM-Lockport Air 256042

Laboratory: Eurofins Burlington

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10391	03-31-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
TO-15		Air	1,2-Dichloroethene, Total
TO-15		Air	4-Ethyltoluene
TO-15		Air	4-Isopropyltoluene
TO-15		Air	Freon 22
TO-15		Air	Methyl Butyl Ketone (2-Hexanone)
TO-15		Air	n-Butane
TO-15		Air	n-Butylbenzene
TO-15		Air	n-Propylbenzene
TO-15		Air	sec-Butylbenzene
TO-15		Air	tert-Butylbenzene
TO-15		Air	Tetrahydrofuran

Method Summary

Client: GHD Services Inc.
Project/Site: 12616852, GM-Lockport Air 256042

Job ID: 480-228118-1

Method	Method Description	Protocol	Laboratory
TO-15	Volatile Organic Compounds in Ambient Air	EPA	EET BUR

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

EET BUR = Eurofins Burlington, 530 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Sample Summary

Client: GHD Services Inc.
Project/Site: 12616852, GM-Lockport Air 256042

Job ID: 480-228118-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-228118-1	7A-IA-1-031825	Air	03/18/25 16:47	03/20/25 10:40	Air Canister (6-Liter) #3316
480-228118-2	7A-IA-2-031825	Air	03/18/25 16:24	03/20/25 10:40	Air Canister (6-Liter) #2601
480-228118-3	10-IA-1-031825	Air	03/18/25 17:00	03/20/25 10:40	Air Canister (6-Liter) #4829
480-228118-4	10-IA-2-031825	Air	03/18/25 17:02	03/20/25 10:40	Air Canister (6-Liter) #4298
480-228118-5	OA-1-031825	Air	03/18/25 16:54	03/20/25 10:40	Air Canister (6-Liter) #2565

Eurofins TestAmerica, Burlington
530 Community Drive
Suite 11
South Burlington, VT 05403-6809
phone 802.660.1990 fax 802.660.1919

Canister Samples Chain of Custody Record

TestAmerica Laboratories, Inc. assumes no liability with respect to the collection and shipment of these samples.

480-228118 Chain of Custody

Test

Client Contact Information	**Client Project Manager:** Thomas Bohlen	**Samples Collected By:** Morgan Brown	COC No: 1 of 1 COCs
Company Name: GZA	**Phone:**	morgan.brown@GZA.com	TALS Project #:
Address: 300 Pearl Street, Suite 700	**Email:** thomas.bohlen@GZA.com		**For Lab Use Only:**
City/State/Zip: Buffalo, NY, 14202			Walk-in Client:
Phone: 716 803 5717	**Site Contact:** Morgan Brown		Lab Sampling:
FAX:	**Tel/Fax** 716 803 5717		
Project Name: GM - Lockport Indoor Air	**Analysis Turnaround Time**		Job / SDG No.:
Site/Location: 200 Upper Mountain Road	Standard (Specific): X		(See below for Add'l Items)
P O # 12616852	Rush (Specifiy):		

Sample Identification	Sample Start Date	Time Start	Sample End Date	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-14/15 (Standard / Low Level)	TO-15 SIM	EPA 3C	EPA 25C	ASTM D-1946	EPA 15/16	Other (Please specify in notes section)	Sample Type	Indoor Air/Ambient Air	Sub-Slab	Soil Gas	Soil Vapor Extraction (SVE)	Landfill Gas	Other (Please specify in notes section)	Sample Specific Notes:
7A-1A-1-031825	3/18/25	0844	3/18/25	1647	30	10	3114	3316		X							X						Indoor Air
7A-1A-2-031825	"	0847	"	1624	29	5	3739	2601		X							X						"
10-1A-1-031825	"	0900	"	1700	30	9	3746	4829		X							X						"
10-1A-2-031825	"	0902	"	1702	30	10	4045	4298		X							X						"
OA-1-031825	"	0854	"	1654	28	7	4535	2565	X								X						Ambient Air
																							See D. Heckler for reporting

Temperature (Fahrenheit)				
Start	Interior 69	Ambient 34		
Stop	69	51		
Pressure (inches of Hg)				
Start	Interior 30.15	Ambient 30.15		
Stop	29.80	29.90		

Special Instructions/QC Requirements & Comments:

Samples Shipped by: Morgan Brown (to FedEx)	**Date / Time:** 3/19/25 1755	**Samples Received by:**	3/20/2025 10:00 DAB
Samples Relinquished by:	**Date / Time:**	**Received by:**	
Relinquished by:	**Date / Time:**	**Received by:**	
Lab Use Only: **Shipper Name:**	**Opened by:**	**Condition:**	

Form No. CA-C-WI-003, Rev. 2.28, dated 1/8/2021

4/14/2025

Login Sample Receipt Checklist

Client: GHD Services Inc.

Job Number: 480-228118-1

Login Number: 228118
List Number: 1
Creator: Reynolds, Jamie K

List Source: Eurofins Buffalo

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	N/A	Not present
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.	N/A	Thermal preservation not required.
Cooler Temperature is acceptable.	N/A	
Cooler Temperature is recorded.	N/A	Thermal preservation not required.
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.	N/A	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Pre-Shipment Clean Canister Certification Report

Canister Cleaning & Pre-Shipment Leak Test

System ID	Max DF#	# Cycles	Cleaning Start Date/Time		System Start Temp(s):		Technician	Can Size
Top Rack	10		3/11/2025	1400	21	21	SML	6 liter

Port	Can ID	Initial[1] (psia)	Final (psia)	Diff.[3]	Final ("Hg)	Initial Reading Gauge:	Date:	Time:	Tech:	Temp:	Gauge:	Fina Date:
1	2565	Ø	Ø	Ø	29.7	GA01	3/12/25	1005	←	22.0	GA01	3/13/25
2	7843		Ø	Ø		GA01					GA01	
3	34002036		Ø	Ø		GA01					GA01	
4	3968		Ø	Ø		GA01					GA01	
5	4780		Ø	Ø		GA01					GA01	
6	4947		Ø	Ø		GA01					GA01	
7	3316		Ø	Ø		GA01					GA01	
8	5403		Ø	Ø		GA01					GA01	
9	4298	↓	Ø	Ø	↓	GA01	↓	↓	↓	↓	GA01	↓
10	3630	Ø	Ø	Ø	29.5	GA01	3/13/25	1235	←	21.0	GA01	3/16/25
11	4010	Ø	Ø	Ø	29.7	GA01	3/12/25	1005	←	22.0	GA01	3/13/25
12	2601	↓	Ø	Ø	↓	GA01	↓	↓	↓	↓	GA01	↓

[1] Batch Certification: The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.

[3] Difference = Final Pressure - Initial Pressure . Acceptance Criteria: (1) The difference must be less than or equal to + 0.25psi. (2) Pressure readings must be at least 2

If time frame was not met, the PM must authorize shipment of canister **PM Authorization**

Clean Canister Certification Analysis & Authorization of Release to Inventory

Test Method: ☒ TO15 Routine ☐ TO15 LL

Can ID	Date	Sequence	Analyst	Inventory Level 1	2	3	4	Limited
3630	3/13/25	6427	VJP		XXXXXX			

Inventory Level 1: Individual Canister Certification (TO15LL 0.01).

Inventory Level 2: Individual or Batch Certification (TO15 0.04 ppbv).

Inventory Level 3: Individual or Batch Certification (TO15 0.2 ppbv).

Comments:

Pre-Shipment Clean Canister Certification Report

Canister Cleaning & Pre-Shipment Leak Test

System ID	Max DF#	# Cycles	Cleaning Start Date/Time		System Start Temp(s):		Technician	Can Size
Bottom Rack	10		3/11/2025	1400	21	21	SML	6 liter

Port	Can ID	Initial[1] (psia)	Final (psia)	Diff.[3]	Final ("Hg)	Initial Reading Gauge:	Date:	Time:	Tech:	Temp:	Final Gauge:	Final Date:
1	3405	Ø	Ø	Ø	29.7	GA01	3/12/25	1005	←	22.0	GA01	3/13/25
2	34002024		Ø	Ø		GA01					GA01	
3	5105		Ø	Ø		GA01					GA01	
4	2699		Ø	Ø		GA01					GA01	
5	5967		Ø	Ø		GA01					GA01	
6	5076		Ø	Ø		GA01					GA01	
7	2789		Ø	Ø		GA01					GA01	
8	4281		Ø	Ø		GA01					GA01	
9	3290	←	Ø	Ø	←	GA01	↓	↓	↓	↓	GA01	↓
10	3081	↓	Ø	Ø	29.5	GA01					GA01	3/16/25
11	4871	Ø	Ø	Ø	29.7	GA01	3/12/25	1005	←	22.0	GA01	3/13/25
12	4829	Ø	Ø	Ø	↓	GA01	↓	↓	↓	↓	GA01	3/13/25

[1] Batch Certification: The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.

[3] Difference = Final Pressure - Initial Pressure . Acceptance Criteria: (1) The difference must be less than or equal to + 0.25psi. (2) Pressure readings must be at least 2

If time frame was not met, the PM must authorize shipment of canister **PM Authorization**

Clean Canister Certification Analysis & Authorization of Release to Inventory

Test Method: ☒ TO15 Routine ☐ TO15 LL

Can ID	Date	Sequence	Analyst	Inventory Level 1	2	3	4	Limited
3081	3/13/25	64253	ARJ		XXXXXX			

Inventory Level 1: Individual Canister Certification (TO15LL 0.01).

Inventory Level 2: Individual or Batch Certification (TO15 0.04 ppbv).

Inventory Level 3: Individual or Batch Certification (TO15 0.2 ppbv).

Comments:

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-77264-1

SDG No.:

Client Sample ID: 3630 Lab Sample ID: 200-77264-10

Matrix: Air Lab File ID: 64277_005.D

Analysis Method: TO-15 Date Collected: 03/12/2025 00:00

Sample wt/vol: 800(mL) Date Analyzed: 03/13/2025 10:48

Soil Aliquot Vol: Dilution Factor: 0.25

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 214244 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.050	U	0.050	0.017
100-42-5	Styrene	0.050	U	0.050	0.015
10061-01-5	1,3-Dichloropropene, cis-	0.050	U	0.050	0.011
10061-02-6	1,3-Dichloropropene, trans-	0.050	U	0.050	0.014
106-46-7	1,4-Dichlorobenzene	0.050	U	0.050	0.022
106-93-4	1,2-Dibromoethane	0.050	U	0.050	0.011
106-99-0	1,3-Butadiene	0.050	U	0.050	0.0098
107-05-1	Allyl chloride	0.13	U	0.13	0.030
107-06-2	1,2-Dichloroethane	0.050	U	0.050	0.023
108-10-1	Methyl isobutyl ketone (MIBK)	0.13	U	0.13	0.033
108-67-8	1,3,5-Trimethylbenzene	0.050	U	0.050	0.012
108-88-3	Toluene	0.050	U	0.050	0.016
108-90-7	Chlorobenzene	0.050	U	0.050	0.011
109-99-9	Tetrahydrofuran	1.3	U	1.3	0.33
110-54-3	Hexane	0.13	U	0.13	0.028
110-82-7	Cyclohexane	0.050	U	0.050	0.015
120-82-1	1,2,4-Trichlorobenzene	0.13	U	0.13	0.083
123-91-1	1,4-Dioxane	0.050	U	0.050	0.021
124-48-1	Dibromochloromethane	0.050	U	0.050	0.016
127-18-4	Tetrachloroethene	0.050	U	0.050	0.0053
142-82-5	n-Heptane	0.050	U	0.050	0.014
156-59-2	1,2-Dichloroethene, cis-	0.035	U	0.035	0.0053
156-60-5	1,2-Dichloroethene, trans-	0.050	U	0.050	0.0058
1634-04-4	Methyl tert-butyl ether	0.050	U	0.050	0.0090
179601-23-1	m,p-Xylene	0.13	U	0.13	0.024
540-84-1	2,2,4-Trimethylpentane	0.050	U	0.050	0.0095
541-73-1	1,3-Dichlorobenzene	0.050	U	0.050	0.019
56-23-5	Carbon tetrachloride	0.035	U	0.035	0.0055
593-60-2	Vinyl bromide	0.050	U	0.050	0.013
622-96-8	4-Ethyltoluene	0.050	U	0.050	0.012
64-17-5	Ethanol	1.3	U	1.3	0.65
67-63-0	Isopropanol	1.3	U	1.3	0.40

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-77264-1

SDG No.:

Client Sample ID: 3630 Lab Sample ID: 200-77264-10

Matrix: Air Lab File ID: 64277_005.D

Analysis Method: TO-15 Date Collected: 03/12/2025 00:00

Sample wt/vol: 800(mL) Date Analyzed: 03/13/2025 10:48

Soil Aliquot Vol: Dilution Factor: 0.25

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 214244 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	1.3	U	1.3	0.40
67-66-3	Chloroform	0.050	U	0.050	0.010
71-43-2	Benzene	0.050	U	0.050	0.011
71-55-6	1,1,1-Trichloroethane	0.050	U	0.050	0.011
74-83-9	Bromomethane	0.050	U	0.050	0.018
74-87-3	Chloromethane	0.13	U	0.13	0.038
75-00-3	Chloroethane	0.13	U	0.13	0.045
75-01-4	Vinyl chloride	0.035	U	0.035	0.0053
75-09-2	Methylene Chloride	0.13	U	0.13	0.045
75-15-0	Carbon disulfide	0.13	U	0.13	0.033
75-25-2	Bromoform	0.050	U	0.050	0.030
75-27-4	Bromodichloromethane	0.050	U	0.050	0.013
75-34-3	1,1-Dichloroethane	0.050	U	0.050	0.0063
75-35-4	1,1-Dichloroethene	0.035	U	0.035	0.0065
75-65-0	tert-Butyl alcohol	1.3	U	1.3	0.30
75-69-4	Trichlorofluoromethane	0.050	U	0.050	0.013
75-71-8	Dichlorodifluoromethane	0.13	U	0.13	0.028
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.050	U	0.050	0.013
76-14-2	1,2-Dichlorotetrafluoroethane	0.050	U	0.050	0.012
78-87-5	1,2-Dichloropropane	0.050	U	0.050	0.024
78-93-3	Methyl ethyl ketone (MEK)	0.13	U	0.13	0.12
79-00-5	1,1,2-Trichloroethane	0.050	U	0.050	0.019
79-01-6	Trichloroethene	0.035	U	0.035	0.0063
79-34-5	1,1,2,2-Tetrachloroethane	0.050	U	0.050	0.011
80-62-6	Methyl methacrylate	0.13	U	0.13	0.035
87-68-3	Hexachlorobutadiene	0.050	U	0.050	0.028
91-20-3	Naphthalene	0.13	U	0.13	0.075
95-47-6	Xylene, o-	0.050	U	0.050	0.016
95-49-8	2-Chlorotoluene	0.050	U	0.050	0.012
95-50-1	1,2-Dichlorobenzene	0.050	U	0.050	0.017
95-63-6	1,2,4-Trimethylbenzene	0.050	U	0.050	0.020
591-78-6	2-Hexanone	0.13	U	0.13	0.038

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-77264-1

SDG No.:

Client Sample ID: 3630 Lab Sample ID: 200-77264-10

Matrix: Air Lab File ID: 64277_005.D

Analysis Method: TO-15 Date Collected: 03/12/2025 00:00

Sample wt/vol: 800(mL) Date Analyzed: 03/13/2025 10:48

Soil Aliquot Vol: Dilution Factor: 0.25

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 214244 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
115-07-1	Propene	1.3	U	1.3	0.30
75-45-6	Chlorodifluoromethane	0.13	U	0.13	0.030
106-97-8	Butane	0.13	U	0.13	0.050
108-05-4	Vinyl acetate	1.3	U	1.3	0.30
141-78-6	Ethyl acetate	1.3	U	1.3	0.40
98-82-8	Isopropylbenzene	0.050	U	0.050	0.010
103-65-1	N-Propylbenzene	0.050	U	0.050	0.012
98-06-6	tert-Butylbenzene	0.050	U	0.050	0.012
135-98-8	sec-Butylbenzene	0.050	U	0.050	0.011
99-87-6	4-Isopropyltoluene	0.050	U	0.050	0.015
100-44-7	Benzyl chloride	0.050	U	0.050	0.022
104-51-8	n-Butylbenzene	0.050	U	0.050	0.028

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250313-64277.b\64277_005.D
Lims ID: 200-77264-A-10
Client ID: 3630
Sample Type: Client
Inject. Date: 13-Mar-2025 10:48:22 ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 0.2500
Sample Info: 200-0064277-005
Operator ID: wrd Instrument ID: CHAN.i

Method: \\chromfs\Burlington\ChromData\CHAN.i\20250313-64277.b\TO15_TO3_Master_Method_AN.m
Limit Group: AI_TO15_ICAL
Last Update: 14-Mar-2025 08:58:42 Calib Date: 26-Feb-2025 03:04:44
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAN.i\20250225-64097.b\64097_015.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1655

First Level Reviewer: F7XK Date: 14-Mar-2025 08:58:42

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1	Propene	41		4.348				ND	7
2	Dichlorodifluoromethane	85		4.449				ND	
3	Chlorodifluoromethane	51		4.487				ND	
4	1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.808				ND	
5	Chloromethane	50		4.925				ND	7
6	Vinyl chloride	62		5.220				ND	
7	Butane	43		5.225				ND	7
8	Butadiene	54		5.337				ND	
9	Bromomethane	94		6.054				ND	
10	Chloroethane	64		6.327				ND	
13	Vinyl bromide	106		6.744				ND	
14	Trichlorofluoromethane	101		6.910				ND	
16	Ethanol	45		7.252				ND	
20	1,1-Dichloroethene	96		7.959				ND	7
21	1,1,2-Trichloro-1,2,2-trifluoroe	101		8.001				ND	
22	Acetone	43		8.017				ND	7
23	Isopropyl alcohol	45		8.301				ND	
24	Carbon disulfide	76		8.365				ND	7
26	3-Chloro-1-propene	41		8.649				ND	
27	Methylene Chloride	49		8.873				ND	7
28	2-Methyl-2-propanol	59		9.066				ND	
30	trans-1,2-Dichloroethene	61		9.376				ND	7
31	Methyl tert-butyl ether	73		9.382				ND	7
32	Hexane	57		9.895				ND	
33	1,1-Dichloroethane	63		10.131				ND	
34	Vinyl acetate	43		10.136				ND	
36	2-Butanone (MEK)	72		11.083				ND	
37	cis-1,2-Dichloroethene	96		11.120				ND	7
38	Ethyl acetate	88		11.174				ND	
* 39	Chlorobromomethane	128	11.527	11.527	0.000	80	894485	10.0	
40	Tetrahydrofuran	42		11.570				ND	
41	Chloroform	83		11.703				ND	

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	42 1,1,1-Trichloroethane	97		12.019				ND	
	43 Cyclohexane	84		12.169				ND	
	44 Carbon tetrachloride	117		12.303				ND	
	45 Benzene	78		12.640				ND	7
	46 1,2-Dichloroethane	62		12.704				ND	
	47 Isooctane	57		12.875				ND	
	48 n-Heptane	43		13.180				ND	7
*	49 1,4-Difluorobenzene	114	13.367	13.367	0.000	94	4328110	10.0	
	51 Trichloroethene	95		13.806				ND	
	53 1,2-Dichloropropane	63		14.255				ND	
	54 Methyl methacrylate	69		14.341				ND	
	55 1,4-Dioxane	88		14.378				ND	
	58 Dichlorobromomethane	83		14.715				ND	
	59 cis-1,3-Dichloropropene	75		15.518				ND	
	61 4-Methyl-2-pentanone (MIBK)	43		15.775				ND	
	62 Toluene	92		16.171				ND	MU
	66 trans-1,3-Dichloropropene	75		16.566				ND	
	67 1,1,2-Trichloroethane	83		16.941				ND	
	68 Tetrachloroethene	166		17.166				ND	
	69 2-Hexanone	43		17.348				ND	
	70 Chlorodibromomethane	129		17.679				ND	
	71 Ethylene Dibromide	107		17.920				ND	
*	73 Chlorobenzene-d5	117	18.835	18.840	-0.005	87	3651828	10.0	
	74 Chlorobenzene	112		18.894				ND	
	75 Ethylbenzene	91		19.092				ND	
	76 m-Xylene & p-Xylene	106		19.354				ND	
	78 o-Xylene	106		20.124				ND	
	79 Styrene	104		20.156				ND	
	81 Bromoform	173		20.488				ND	
	82 Isopropylbenzene	105		20.814				ND	
	83 1,1,2,2-Tetrachloroethane	83		21.312				ND	7
	85 N-Propylbenzene	91		21.526				ND	
	86 2-Chlorotoluene	91		21.670				ND	
	87 4-Ethyltoluene	105		21.724				ND	7
	88 1,3,5-Trimethylbenzene	105		21.820				ND	7
	91 tert-Butylbenzene	119		22.301				ND	
	92 1,2,4-Trimethylbenzene	105		22.387				ND	7
	93 sec-Butylbenzene	105		22.622				ND	7
	94 1,3-Dichlorobenzene	146		22.794				ND	7
	95 4-Isopropyltoluene	119		22.836				ND	7
	96 1,4-Dichlorobenzene	146		22.933				ND	7
	97 Benzyl chloride	91		23.072				ND	
	98 n-Butylbenzene	91		23.393				ND	7
	99 1,2-Dichlorobenzene	146		23.420				ND	7
	102 1,2,4-Trichlorobenzene	180		25.864				ND	7
	103 Hexachlorobutadiene	225		26.121				ND	
	104 Naphthalene	128		26.340				ND	7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

U - Marked Undetected

Reagents:

ATTO15CISs_00012 Amount Added: 20.00 Units: mL Run Reagent

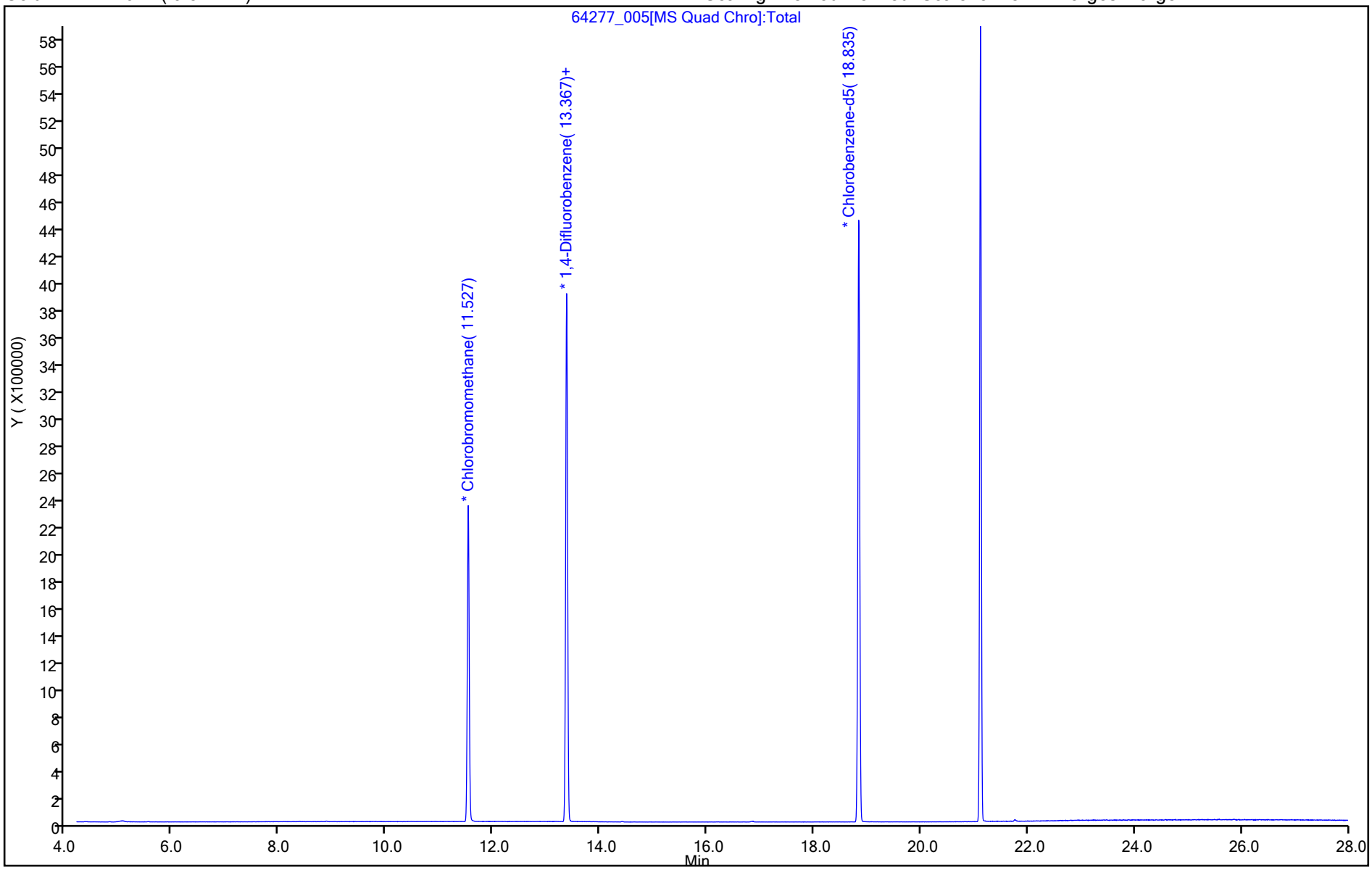
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Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250313-64277.b\64277_005.D

Injection Date:	13-Mar-2025 10:48:22	Instrument ID:	CHAN.i	Operator ID:	wrd
Lims ID:	200-77264-A-10	Lab Sample ID:	200-77264-10	Worklist Smp#:	5
Client ID:	3630				
Purge Vol:	200.000 mL	Dil. Factor:	0.2500	ALS Bottle#:	5
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



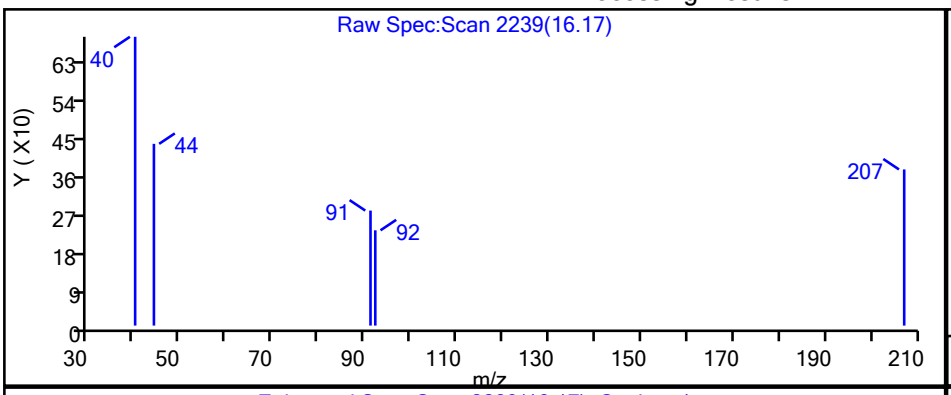
User Disabled Compound Report

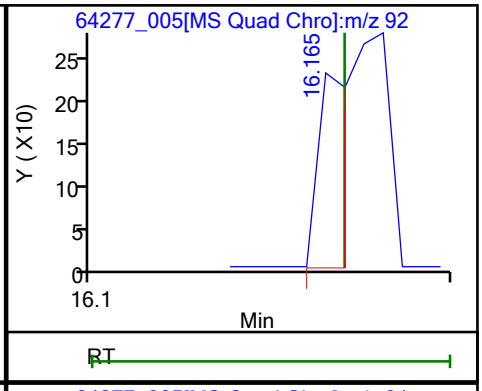
Eurofins Burlington

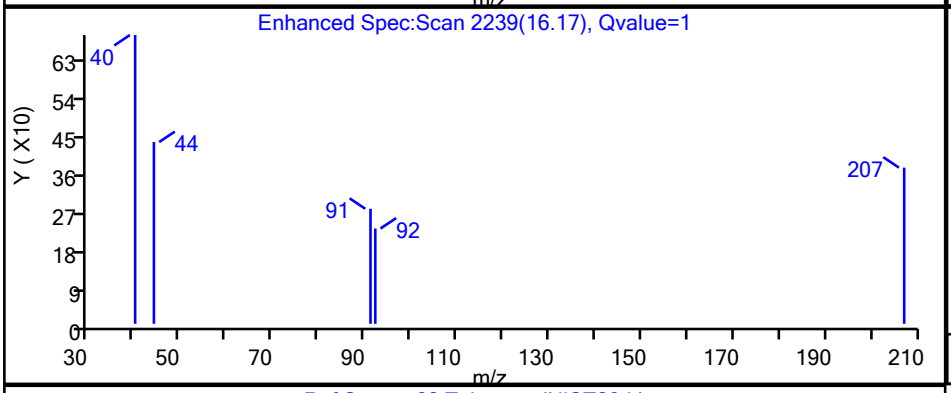
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250313-64277.b\64277_005.D				
Injection Date:	13-Mar-2025 10:48:22	Instrument ID:	CHAN.i		
Lims ID:	200-77264-A-10	Lab Sample ID:	200-77264-10		
Client ID:	3630				
Operator ID:	wrd	ALS Bottle#:	5	Worklist Smp#:	5
Purge Vol:	200.000 mL	Dil. Factor:	0.2500		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

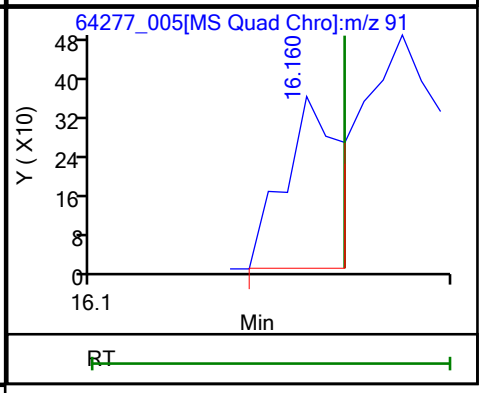
62 Toluene, CAS: 108-88-3

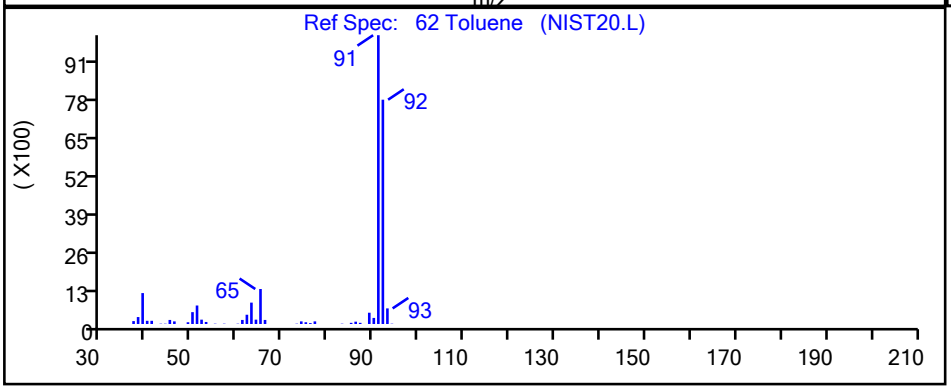
Processing Results











RT	Mass	Response	Amount
16.17	92.00	140	0.000793
16.16	91.00	388	

Reviewer: F7XK, 14-Mar-2025 08:58:00 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-77265-1

SDG No.:

Client Sample ID: 3081 Lab Sample ID: 200-77265-10

Matrix: Air Lab File ID: 64253_026.D

Analysis Method: TO-15 Date Collected: 03/11/2025 00:00

Sample wt/vol: 800(mL) Date Analyzed: 03/13/2025 04:42

Soil Aliquot Vol: Dilution Factor: 0.25

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 214205 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.3	U	1.3	1.3
75-71-8	Dichlorodifluoromethane	0.13	U	0.13	0.13
75-45-6	Freon 22	0.13	U	0.13	0.13
76-14-2	1,2-Dichlorotetrafluoroethane	0.050	U	0.050	0.050
74-87-3	Chloromethane	0.13	U	0.13	0.13
106-97-8	n-Butane	0.13	U	0.13	0.13
75-01-4	Vinyl chloride	0.035	U	0.035	0.035
106-99-0	1,3-Butadiene	0.050	U	0.050	0.050
74-83-9	Bromomethane	0.050	U	0.050	0.050
75-00-3	Chloroethane	0.13	U	0.13	0.13
593-60-2	Bromoethene(Vinyl Bromide)	0.050	U	0.050	0.050
75-69-4	Trichlorofluoromethane	0.050	U	0.050	0.050
64-17-5	Ethanol	1.3	U	1.3	1.3
76-13-1	Freon TF	0.050	U	0.050	0.050
75-35-4	1,1-Dichloroethene	0.035	U	0.035	0.035
67-64-1	Acetone	1.3	U	1.3	1.3
67-63-0	Isopropyl alcohol	1.3	U	1.3	1.3
75-15-0	Carbon disulfide	0.13	U	0.13	0.13
107-05-1	3-Chloropropene	0.13	U	0.13	0.13
75-09-2	Methylene Chloride	0.13	U	0.13	0.13
75-65-0	tert-Butyl alcohol	1.3	U	1.3	1.3
1634-04-4	Methyl tert-butyl ether	0.050	U	0.050	0.050
156-60-5	trans-1,2-Dichloroethene	0.050	U	0.050	0.050
110-54-3	n-Hexane	0.13	U	0.13	0.13
75-34-3	1,1-Dichloroethane	0.050	U	0.050	0.050
108-05-4	Vinyl acetate	1.3	U	1.3	1.3
141-78-6	Ethyl acetate	1.3	U	1.3	1.3
78-93-3	Methyl Ethyl Ketone	0.13	U	0.13	0.13
156-59-2	cis-1,2-Dichloroethene	0.035	U	0.035	0.035
540-59-0	1,2-Dichloroethene, Total	0.10	U	0.10	0.10
67-66-3	Chloroform	0.050	U	0.050	0.050
109-99-9	Tetrahydrofuran	1.3	U	1.3	1.3

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-77265-1

SDG No.:

Client Sample ID: 3081 Lab Sample ID: 200-77265-10

Matrix: Air Lab File ID: 64253_026.D

Analysis Method: TO-15 Date Collected: 03/11/2025 00:00

Sample wt/vol: 800(mL) Date Analyzed: 03/13/2025 04:42

Soil Aliquot Vol: Dilution Factor: 0.25

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 214205 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-55-6	1,1,1-Trichloroethane	0.050	U	0.050	0.050
110-82-7	Cyclohexane	0.050	U	0.050	0.050
56-23-5	Carbon tetrachloride	0.035	U	0.035	0.035
540-84-1	2,2,4-Trimethylpentane	0.050	U	0.050	0.050
71-43-2	Benzene	0.050	U	0.050	0.050
107-06-2	1,2-Dichloroethane	0.050	U	0.050	0.050
142-82-5	n-Heptane	0.050	U	0.050	0.050
79-01-6	Trichloroethene	0.035	U	0.035	0.035
80-62-6	Methyl methacrylate	0.13	U	0.13	0.13
78-87-5	1,2-Dichloropropane	0.050	U	0.050	0.050
123-91-1	1,4-Dioxane	1.3	U	1.3	1.3
75-27-4	Bromodichloromethane	0.050	U	0.050	0.050
10061-01-5	cis-1,3-Dichloropropene	0.050	U	0.050	0.050
108-10-1	methyl isobutyl ketone	0.13	U	0.13	0.13
108-88-3	Toluene	0.050	U	0.050	0.050
10061-02-6	trans-1,3-Dichloropropene	0.050	U	0.050	0.050
79-00-5	1,1,2-Trichloroethane	0.050	U	0.050	0.050
127-18-4	Tetrachloroethene	0.050	U	0.050	0.050
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.13	U	0.13	0.13
124-48-1	Dibromochloromethane	0.050	U	0.050	0.050
106-93-4	1,2-Dibromoethane	0.050	U	0.050	0.050
108-90-7	Chlorobenzene	0.050	U	0.050	0.050
100-41-4	Ethylbenzene	0.050	U	0.050	0.050
179601-23-1	m,p-Xylene	0.13	U	0.13	0.13
95-47-6	Xylene, o-	0.050	U	0.050	0.050
1330-20-7	Xylene (total)	0.18	U	0.18	0.18
100-42-5	Styrene	0.050	U	0.050	0.050
75-25-2	Bromoform	0.050	U	0.050	0.050
98-82-8	Cumene	0.050	U	0.050	0.050
79-34-5	1,1,2,2-Tetrachloroethane	0.050	U	0.050	0.050
103-65-1	n-Propylbenzene	0.050	U	0.050	0.050
622-96-8	4-Ethyltoluene	0.050	U	0.050	0.050

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-77265-1

SDG No.:

Client Sample ID: 3081 Lab Sample ID: 200-77265-10

Matrix: Air Lab File ID: 64253_026.D

Analysis Method: TO-15 Date Collected: 03/11/2025 00:00

Sample wt/vol: 800(mL) Date Analyzed: 03/13/2025 04:42

Soil Aliquot Vol: Dilution Factor: 0.25

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 214205 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAN.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
108-67-8	1,3,5-Trimethylbenzene	0.050	U	0.050	0.050
95-49-8	2-Chlorotoluene	0.050	U	0.050	0.050
98-06-6	tert-Butylbenzene	0.050	U	0.050	0.050
95-63-6	1,2,4-Trimethylbenzene	0.050	U	0.050	0.050
135-98-8	sec-Butylbenzene	0.050	U	0.050	0.050
99-87-6	4-Isopropyltoluene	0.050	U	0.050	0.050
541-73-1	1,3-Dichlorobenzene	0.050	U	0.050	0.050
106-46-7	1,4-Dichlorobenzene	0.050	U	0.050	0.050
100-44-7	Benzyl chloride	0.050	U	0.050	0.050
104-51-8	n-Butylbenzene	0.050	U	0.050	0.050
95-50-1	1,2-Dichlorobenzene	0.050	U	0.050	0.050
120-82-1	1,2,4-Trichlorobenzene	0.13	U	0.13	0.13
87-68-3	Hexachlorobutadiene	0.050	U	0.050	0.050
91-20-3	Naphthalene	0.13	U	0.13	0.13

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250312-64253.b\64253_026.D
Lims ID: 200-77265-A-10
Client ID: 3081
Sample Type: Client
Inject. Date: 13-Mar-2025 04:42:08 ALS Bottle#: 26 Worklist Smp#: 26
Purge Vol: 200.000 mL Dil. Factor: 0.2500
Sample Info: 200-0064253-026
Operator ID: wrd Instrument ID: CHAN.i

Method: \\chromfs\Burlington\ChromData\CHAN.i\20250312-64253.b\TO15_TO3_Master_Method_AN.m
Limit Group: AI_TO15_ICAL
Last Update: 13-Mar-2025 16:32:44 Calib Date: 26-Feb-2025 03:04:44
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAN.i\20250225-64097.b\64097_015.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1693

First Level Reviewer: F7XK Date: 13-Mar-2025 16:32:44

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	1 Propene	41		4.347				ND	7
	2 Dichlorodifluoromethane	85		4.444				ND	
	3 Chlorodifluoromethane	51		4.487				ND	
	4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.808				ND	
	5 Chloromethane	50	4.920	4.920	-0.005	86	1831	0.0329	M
	6 Vinyl chloride	62		5.219				ND	
	7 Butane	43	5.225	5.225	0.000	96	4847	0.0670	7M
	8 Butadiene	54		5.332				ND	7
	9 Bromomethane	94		6.054				ND	
	10 Chloroethane	64		6.322				ND	
	13 Vinyl bromide	106		6.744				ND	
	14 Trichlorofluoromethane	101		6.910				ND	
	16 Ethanol	45		7.252				ND	7
	20 1,1-Dichloroethene	96		7.959				ND	MU
	21 1,1,2-Trichloro-1,2,2-trifluoroe	101		8.007				ND	
	22 Acetone	43		8.017				ND	7
	23 Isopropyl alcohol	45		8.306				ND	7
	24 Carbon disulfide	76		8.365				ND	7
	26 3-Chloro-1-propene	41		8.649				ND	
	27 Methylene Chloride	49	8.879	8.879	0.006	88	2200	0.0351	7M
	28 2-Methyl-2-propanol	59		9.066				ND	
	30 trans-1,2-Dichloroethene	61		9.376				ND	
	31 Methyl tert-butyl ether	73		9.376				ND	7
	32 Hexane	57	9.895	9.895	0.000	91	1514	0.0173	
	33 1,1-Dichloroethane	63		10.131				ND	
	34 Vinyl acetate	43		10.136				ND	7
S	35 1,2-Dichloroethene, Total	61		10.200				ND	7
	36 2-Butanone (MEK)	72		11.083				ND	
	37 cis-1,2-Dichloroethene	96		11.126				ND	7
	38 Ethyl acetate	88		11.174				ND	
*	39 Chlorobromomethane	128	11.527	11.527	0.000	78	748290	10.0	
	40 Tetrahydrofuran	42		11.570				ND	

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	41 Chloroform	83		11.703				ND	
	42 1,1,1-Trichloroethane	97		12.019				ND	
	43 Cyclohexane	84		12.174				ND	
	44 Carbon tetrachloride	117		12.303				ND	
	45 Benzene	78		12.645				ND	MU
	46 1,2-Dichloroethane	62		12.704				ND	
	47 Isooctane	57		12.875				ND	
	48 n-Heptane	43		13.180				ND	7
*	49 1,4-Difluorobenzene	114	13.367	13.367	0.000	94	3544949	10.0	
	51 Trichloroethene	95	13.806	13.806	0.000	74	2026	0.0211	
	53 1,2-Dichloropropane	63		14.255				ND	
	54 Methyl methacrylate	69		14.341				ND	
	55 1,4-Dioxane	88		14.378				ND	
	57 Dibromomethane	174	14.416	14.411	0.006	87	1681	0.0187	
	58 Dichlorobromomethane	83		14.715				ND	
	59 cis-1,3-Dichloropropene	75		15.523				ND	
	61 4-Methyl-2-pentanone (MIBK)	43		15.775				ND	
	62 Toluene	92		16.170				ND	7
	66 trans-1,3-Dichloropropene	75		16.566				ND	
	67 1,1,2-Trichloroethane	83		16.941				ND	
	68 Tetrachloroethene	166		17.166				ND	
	69 2-Hexanone	43		17.347				ND	
	70 Chlorodibromomethane	129		17.679				ND	
	71 Ethylene Dibromide	107		17.920				ND	
*	73 Chlorobenzene-d5	117	18.835	18.840	-0.005	87	3064771	10.0	
	74 Chlorobenzene	112		18.899				ND	
	75 Ethylbenzene	91		19.091				ND	
	76 m-Xylene & p-Xylene	106		19.359				ND	
S	80 Xylenes, Total	106		20.100				ND	7
	78 o-Xylene	106		20.129				ND	
	79 Styrene	104		20.156				ND	
	81 Bromoform	173		20.493				ND	
	82 Isopropylbenzene	105		20.819				ND	
	83 1,1,2,2-Tetrachloroethane	83		21.312				ND	7
	85 N-Propylbenzene	91		21.531				ND	
	86 2-Chlorotoluene	91		21.675				ND	
	87 4-Ethyltoluene	105		21.724				ND	
	88 1,3,5-Trimethylbenzene	105		21.820				ND	
	91 tert-Butylbenzene	119		22.301				ND	
	92 1,2,4-Trimethylbenzene	105		22.387				ND	
	93 sec-Butylbenzene	105		22.622				ND	
	94 1,3-Dichlorobenzene	146		22.793				ND	
	95 4-Isopropyltoluene	119		22.836				ND	
	96 1,4-Dichlorobenzene	146		22.933				ND	
	97 Benzyl chloride	91		23.072				ND	
	98 n-Butylbenzene	91		23.393				ND	7
	99 1,2-Dichlorobenzene	146		23.419				ND	7
	102 1,2,4-Trichlorobenzene	180		25.864				ND	
	103 Hexachlorobutadiene	225		26.121				ND	
	104 Naphthalene	128		26.340				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

U - Marked Undetected

Reagents:

ATTO15CISs_00012 Amount Added: 20.00 Units: mL Run Reagent

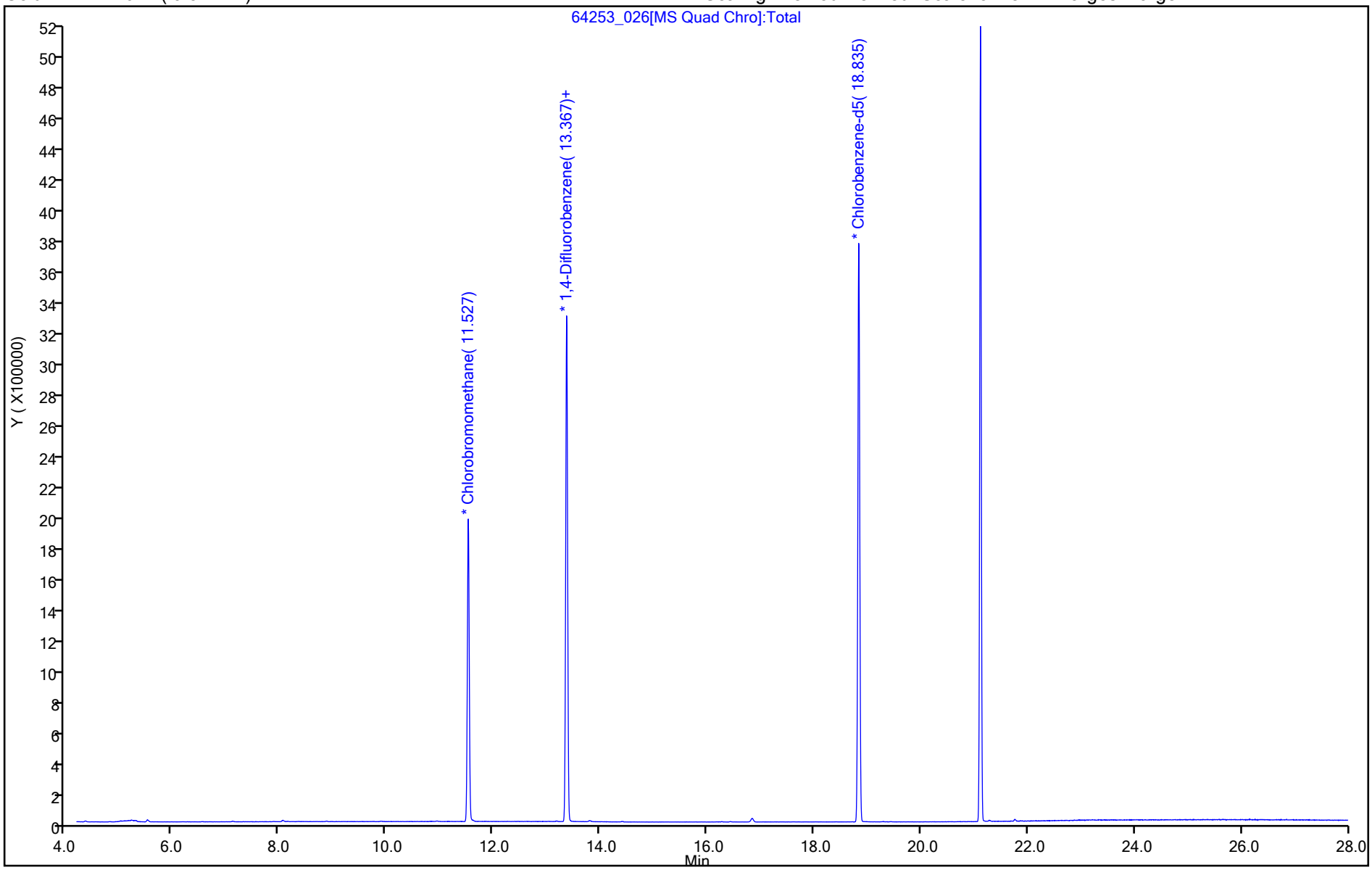
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Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250312-64253.b\64253_026.D

Injection Date:	13-Mar-2025 04:42:08	Instrument ID:	CHAN.i	Operator ID:	wrd
Lims ID:	200-77265-A-10	Lab Sample ID:	200-77265-10	Worklist Smp#:	26
Client ID:	3081				
Purge Vol:	200.000 mL	Dil. Factor:	0.2500	ALS Bottle#:	26
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins Burlington

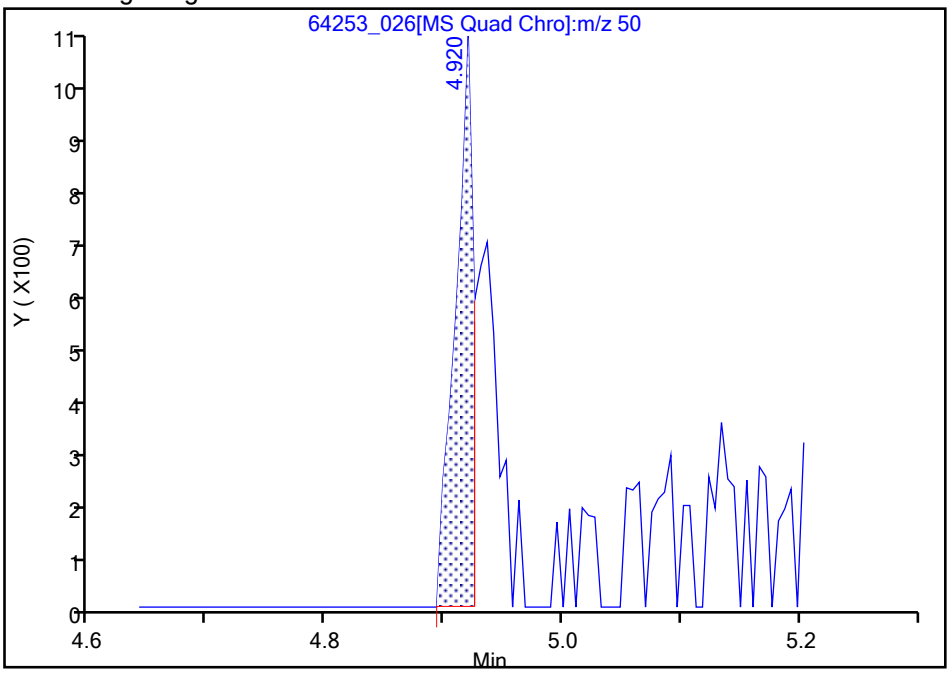
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Injection Date:	13-Mar-2025 04:42:08	Instrument ID:	CHAN.i		
Lims ID:	200-77265-A-10	Lab Sample ID:	200-77265-10		
Client ID:	3081				
Operator ID:	wrd	ALS Bottle#:	26	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	0.2500		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

5 Chloromethane, CAS: 74-87-3

Signal: 1

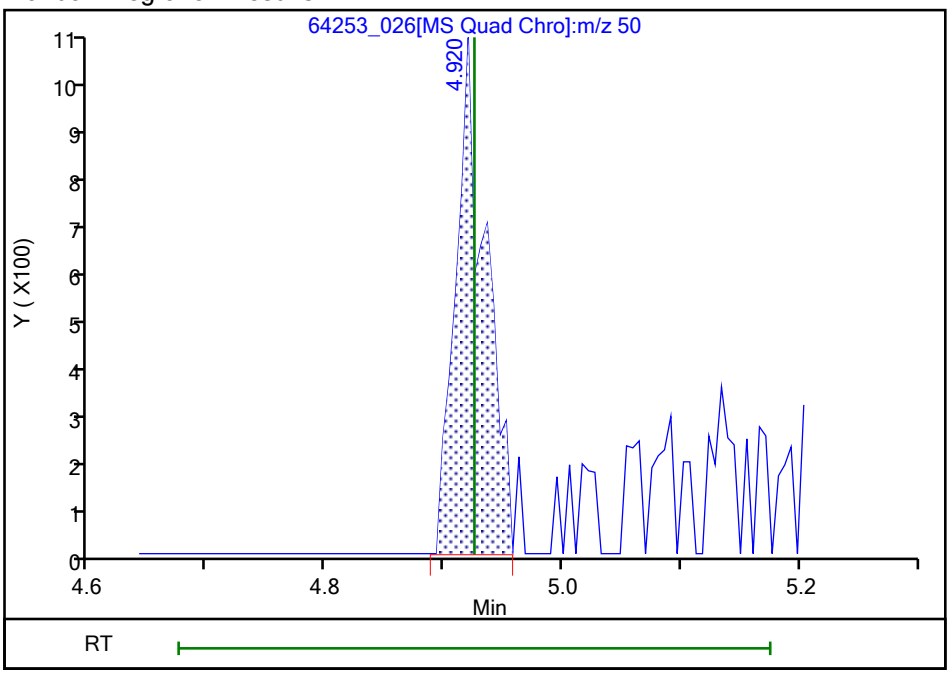
Processing Integration Results

RT: 4.92
Area: 1100
Amount: 0.019769
Amount Units: ppb v/v



Manual Integration Results

RT: 4.92
Area: 1831
Amount: 0.032906
Amount Units: ppb v/v



Reviewer: F7XK, 13-Mar-2025 16:29:39 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

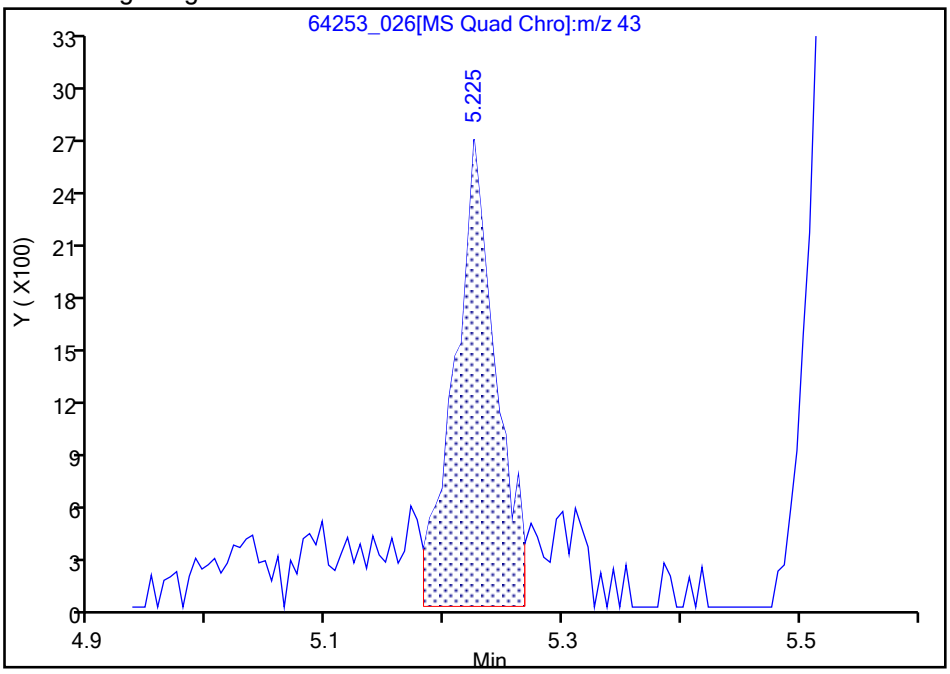
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Injection Date:	13-Mar-2025 04:42:08	Instrument ID:	CHAN.i		
Lims ID:	200-77265-A-10	Lab Sample ID:	200-77265-10		
Client ID:	3081				
Operator ID:	wrd	ALS Bottle#:	26	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	0.2500		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

7 Butane, CAS: 106-97-8

Signal: 1

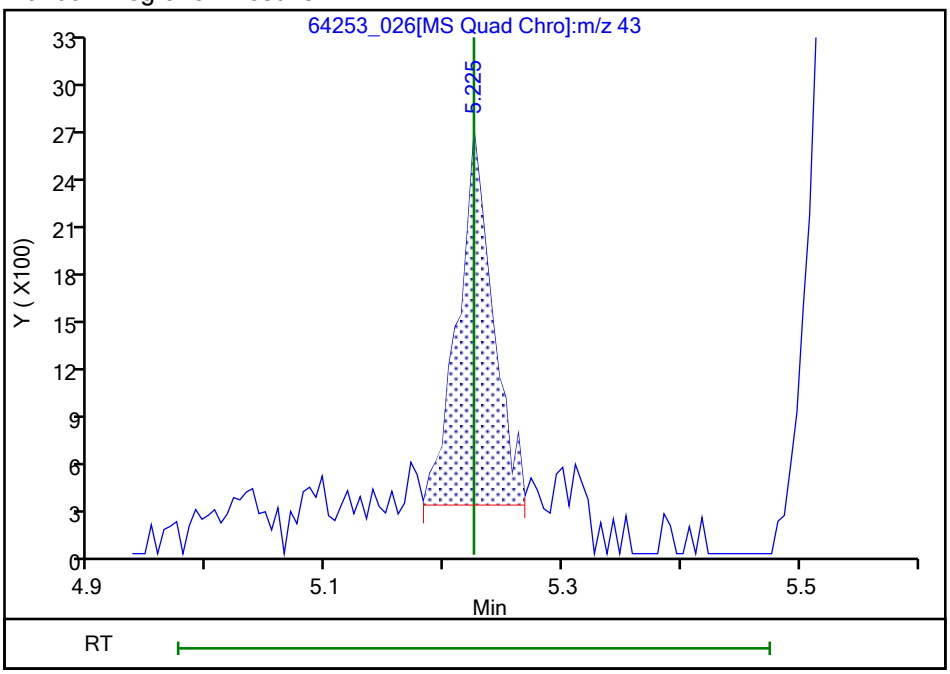
Processing Integration Results

RT: 5.22
Area: 6571
Amount: 0.090875
Amount Units: ppb v/v



Manual Integration Results

RT: 5.22
Area: 4847
Amount: 0.067033
Amount Units: ppb v/v



Reviewer: F7XK, 13-Mar-2025 16:29:57 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

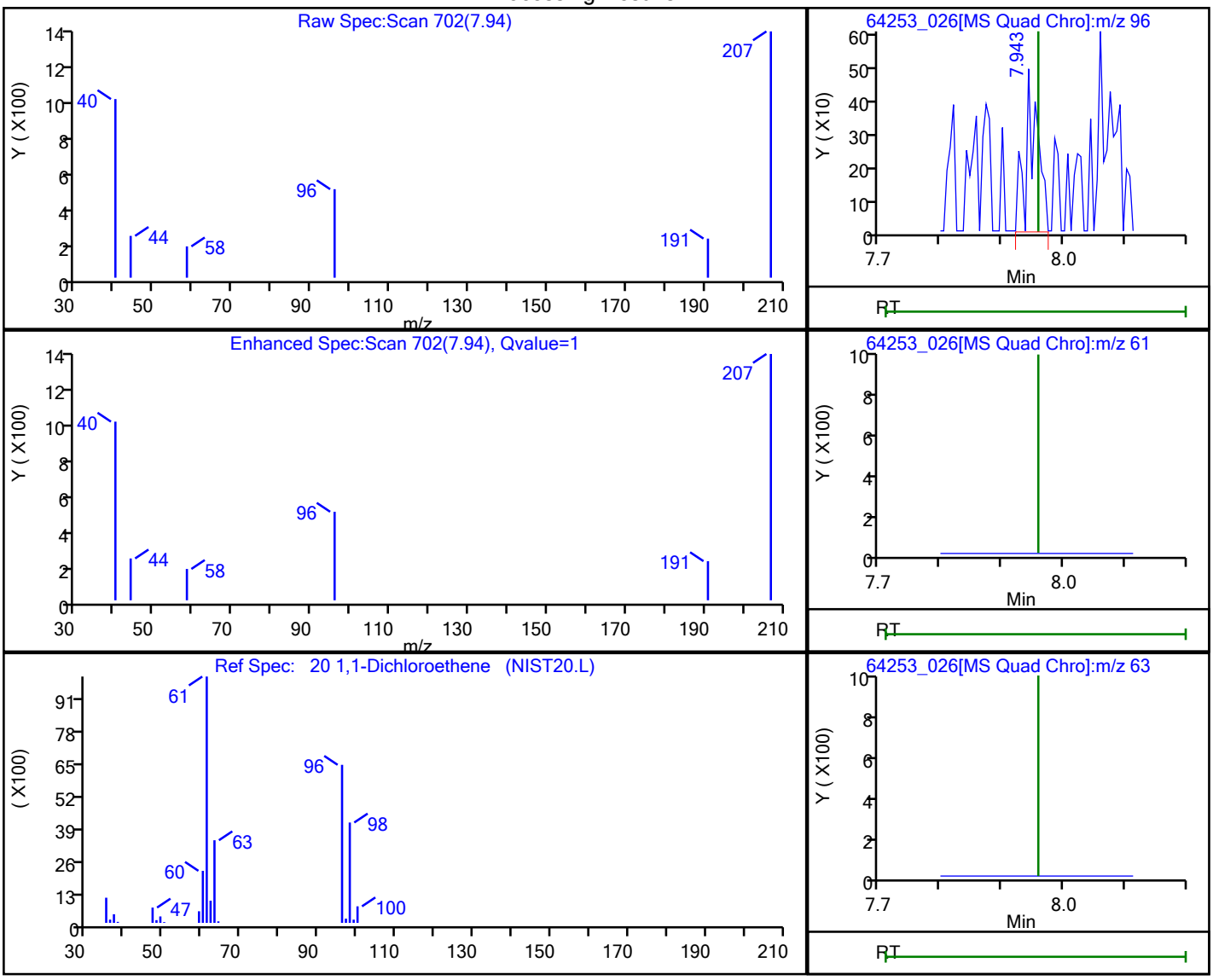
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20250312-64253.b\64253_026.D				
Injection Date:	13-Mar-2025 04:42:08	Instrument ID:	CHAN.i		
Lims ID:	200-77265-A-10	Lab Sample ID:	200-77265-10		
Client ID:	3081				
Operator ID:	wrd	ALS Bottle#:	26	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	0.2500		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

20 1,1-Dichloroethene, CAS: 75-35-4

Processing Results



RT	Mass	Response	Amount
7.94	96.00	666	0.008933
7.96	61.00	0	
7.96	63.00	0	

Reviewer: F7XK, 13-Mar-2025 16:30:46 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Burlington

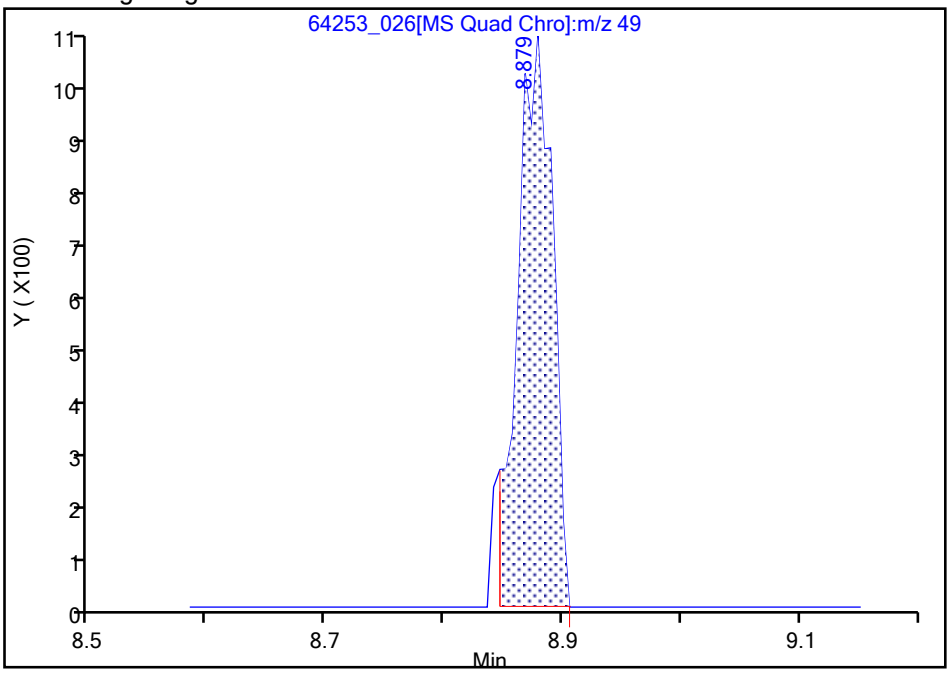
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Injection Date:	13-Mar-2025 04:42:08	Instrument ID:	CHAN.i		
Lims ID:	200-77265-A-10	Lab Sample ID:	200-77265-10		
Client ID:	3081				
Operator ID:	wrd	ALS Bottle#:	26	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	0.2500		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

27 Methylene Chloride, CAS: 75-09-2

Signal: 1

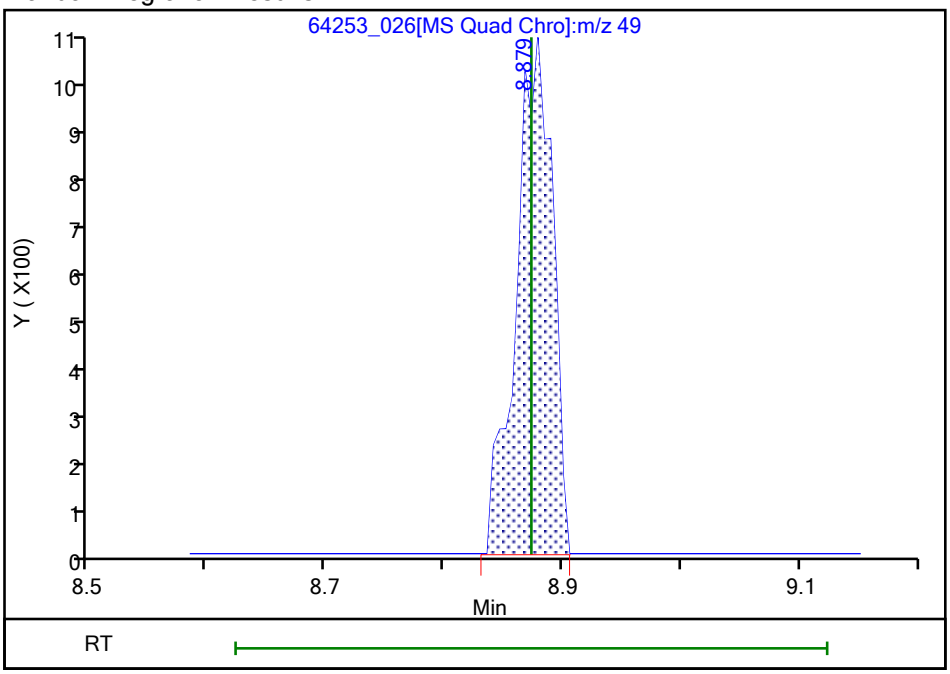
Processing Integration Results

RT: 8.88
Area: 2130
Amount: 0.033936
Amount Units: ppb v/v



Manual Integration Results

RT: 8.88
Area: 2200
Amount: 0.035051
Amount Units: ppb v/v



Reviewer: F7XK, 13-Mar-2025 16:31:10 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

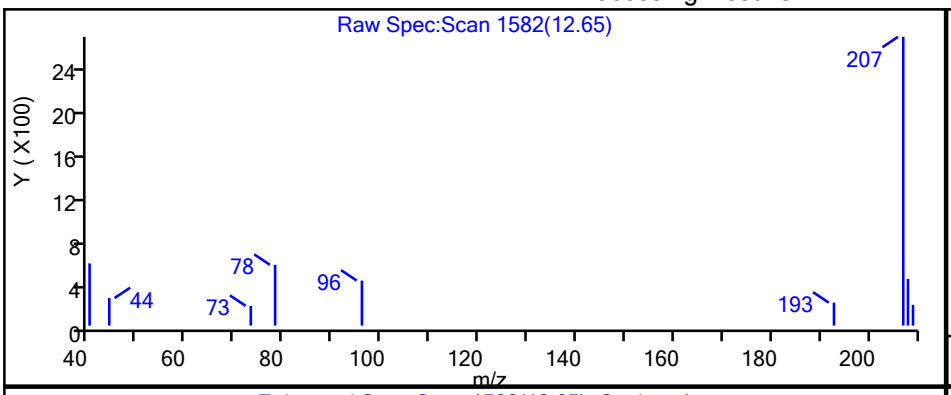
User Disabled Compound Report

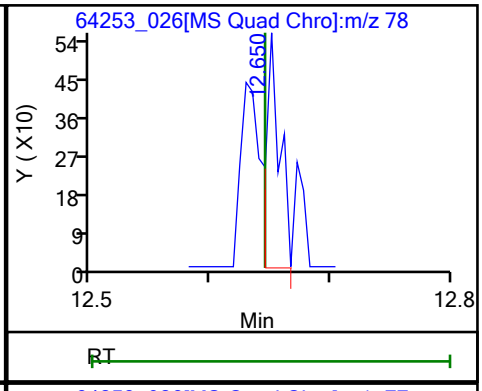
Eurofins Burlington

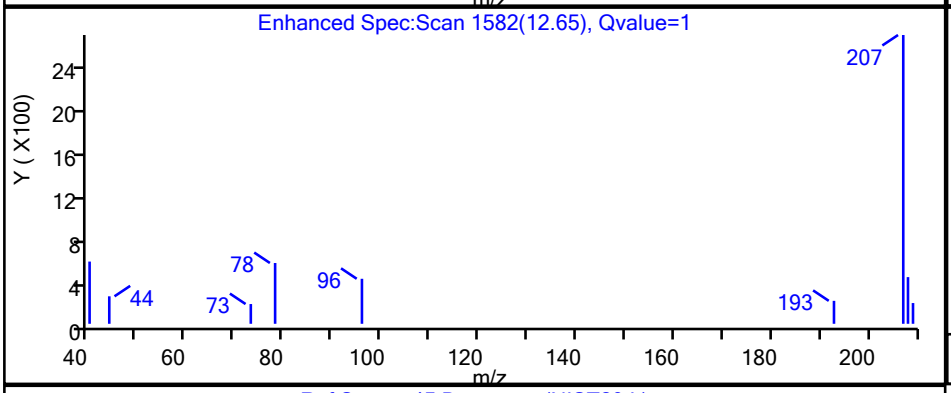
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Injection Date:	13-Mar-2025 04:42:08	Instrument ID:	CHAN.i		
Lims ID:	200-77265-A-10	Lab Sample ID:	200-77265-10		
Client ID:	3081				
Operator ID:	wrd	ALS Bottle#:	26	Worklist Smp#:	26
Purge Vol:	200.000 mL	Dil. Factor:	0.2500		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

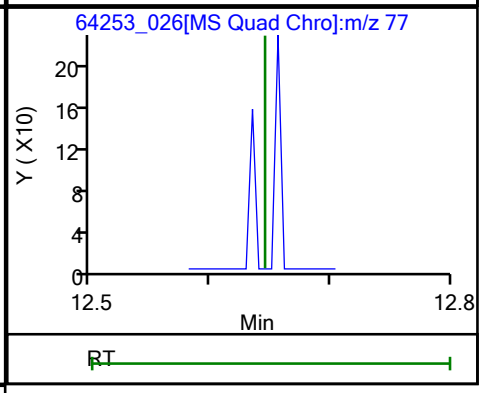
45 Benzene, CAS: 71-43-2

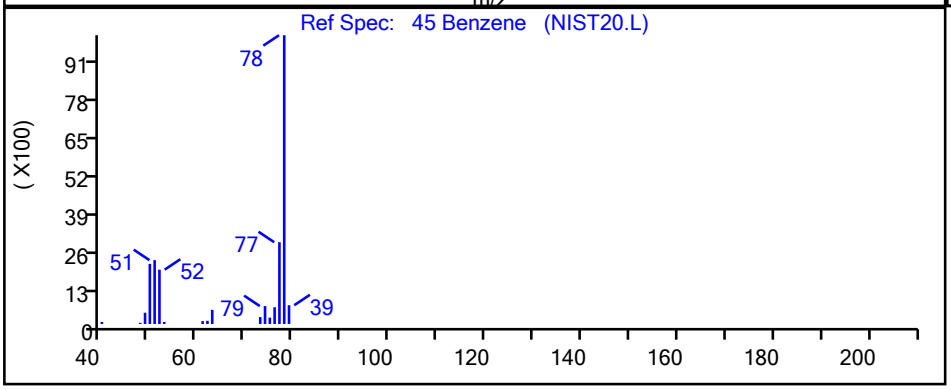
Processing Results











RT	Mass	Response	Amount
12.65	78.00	424	0.002078
12.64	77.00	0	

Reviewer: F7XK, 13-Mar-2025 16:31:47 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Data Verification Report

June 17, 2025

To	Claire Mondello [cmondello@haleyaldrich.com]	**Project No.**	12616852
Copy to	File	**DVR No.**	49
From	Christopher Arcuri/cs	**Contact No.**	717.585.6408
Project Name	GM Lab and Data Management Program (LDMP)	**Email**	christopher.arcuri@ghd.com
Subject	Analytical Results and Data Verification Quarterly Air Sampling General Motors Components Holdings, LLC Lockport, New York December 2024		

The services undertaken by GHD in connection with preparing this report were limited to those specifically detailed in the report and are subject to the scope limitations set out in the report.

1. Introduction

This document details a data verification of analytical results for air samples collected in support of the Quarterly Air Sampling at the GM Lockport site during December 2024. Samples were submitted to Eurofins Environment Testing located in Amherst, New York. A sample collection and analysis summary is presented in Table 1. The validated analytical results are summarized in Table 2. A summary of the analytical methodology is presented in Table 3.

Standard GHD report deliverables were submitted by the laboratory. The final results and supporting quality assurance/quality control (QA/QC) data were assessed. Evaluation of the data was based on information obtained from the chain of custody form, finished report forms, method blank data, and recovery data from laboratory control samples (LCS).

The QA/QC criteria by which these data have been assessed are outlined in the analytical method referenced in Table 3 and applicable guidance from the document entitled "National Functional Guidelines for Organic Superfund Methods Data Review", United States Environmental Protection Agency (USEPA) 540-R-20-005, November 2020.

2. Sample Holding Time and Preservation

The sample holding time criterion for the analysis is summarized in Table 3. The sample chain of custody document and analytical report were used to determine sample holding times. All samples were analyzed within the required holding time.

All sample canisters were received at the laboratory in good condition and within acceptable canister pressure range of –1 inch of mercury (Hg) to –10 inches of Hg, indicating samples were still under vacuum upon receipt with the exception of the samples listed in Table 4.

3. Laboratory Method Blank Analyses

Method blanks are prepared from a purified matrix and analyzed with investigative samples to determine the existence and magnitude of sample contamination introduced during the analytical procedures.

For this study, laboratory method blanks were analyzed at a minimum frequency of one per analytical batch.

All method blank results were non-detect, indicating that laboratory contamination was not a factor for this investigation.

4. Laboratory Control Sample Analyses

LCS are prepared and analyzed as samples to assess the analytical efficiencies of the methods employed, independent of sample matrix effects.

For this study, LCS were analyzed at a minimum frequency of one per analytical batch.

The LCS contained all compounds of interest. All LCS recoveries were within the laboratory control limits, demonstrating acceptable analytical accuracy.

5. Analyte Reporting

The laboratory reported detected results down to the laboratory's sample-specific method detection limit (MDL) for each analyte. Positive analyte detections less than the RL but greater than the sample-specific MDL were qualified as estimated (J) in Table 2 unless qualified otherwise in this report. Non-detect results were presented as non-detect at the RL in Table 2.

6. Conclusion

Based on the assessment detailed in the foregoing, the data summarized in Table 2 are acceptable with the specific exceptions noted herein.

Regards,



Christopher Arcuri
Chemistry Data Validator/Analytical Coordinator

Table 1

Sample Collection and Analysis Summary
Quarterly Air Sampling
General Motors Components Holdings, LLC
Lockport, New York
December 2024

Sample Delivery Group	Sample Identification	Location	Matrix	Collection Date (mm/dd/yyyy)	Collection Time (hr:min)	Parameter: VOCs
4802265071	IA-10-1-121824	IA-10-1	Ambient Air	12/18/2024	12:20	X
	IA-10-2-121824	IA-10-2	Ambient Air	12/18/2024	16:00	X
	OA-10-121824	OA-10	Ambient Air	12/18/2024	15:10	X

Note:

VOCs - Volatile Organic Compounds

Table 2

Analytical Results Summary
Quarterly Air Sampling
General Motors Components Holdings, LLC
Lockport, New York
December 2024

Location ID:		**IA-10-1**	**IA-10-2**	**OA-10**
Sample Name:		**IA-10-1-121824**	**IA-10-2-121824**	**OA-10-121824**
Sample Date:		**12/18/2024**	**12/18/2024**	**12/18/2024**
Parameters	**Unit**			
Volatile Organic Compounds				
1,1,1-Trichloroethane	µg/m3	1.1 U	R	1.1 U
1,1,2,2-Tetrachloroethane	µg/m3	1.4 U	R	1.4 U
1,1,2-Trichloroethane	µg/m3	1.1 U	R	1.1 U
1,1-Dichloroethane	µg/m3	0.81 U	R	0.81 U
1,1-Dichloroethene	µg/m3	0.79 U	R	0.79 U
1,2,4-Trichlorobenzene	µg/m3	3.7 U	R	3.7 U
1,2,4-Trimethylbenzene	µg/m3	0.46 J	R	0.98 U
1,2-Dibromoethane (Ethylene dibromide)	µg/m3	1.5 U	R	1.5 U
1,2-Dichlorobenzene	µg/m3	1.2 U	R	1.2 U
1,2-Dichloroethane	µg/m3	0.81 U	R	0.81 U
1,2-Dichloroethene (total)	µg/m3	0.84 J	R	1.6 U
1,2-Dichloropropane	µg/m3	0.92 U	R	0.92 U
1,2-Dichlorotetrafluoroethane (CFC 114)	µg/m3	1.4 U	R	1.4 U
1,3,5-Trimethylbenzene	µg/m3	0.98 U	R	0.98 U
1,3-Butadiene	µg/m3	0.35 J	R	0.44 U
1,3-Dichlorobenzene	µg/m3	1.2 U	R	1.2 U
1,4-Dichlorobenzene	µg/m3	1.2 U	R	1.2 U
1,4-Dioxane	µg/m3	0.79 J	R	18 U
2,2,4-Trimethylpentane	µg/m3	0.20 J	R	0.19 J
2-Butanone (Methyl ethyl ketone) (MEK)	µg/m3	1.5 U	R	1.5
2-Chlorotoluene	µg/m3	1.0 U	R	1.0 U
2-Hexanone	µg/m3	2.0 U	R	2.0 U
2-Phenylbutane (sec-Butylbenzene)	µg/m3	1.1 U	R	1.1 U
4-Ethyl toluene	µg/m3	0.98 U	R	0.98 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/m3	2.0 U	R	2.0 U
Acetone	µg/m3	500	R	8.2 J
Allyl chloride	µg/m3	1.6 U	R	1.6 U
Benzene	µg/m3	2.0	R	0.56 J
Benzyl chloride	µg/m3	1.0 U	R	1.0 U
Bromodichloromethane	µg/m3	1.3 U	R	1.3 U
Bromoform	µg/m3	2.1 U	R	2.1 U
Bromomethane (Methyl bromide)	µg/m3	0.78 U	R	0.78 U
Butane	µg/m3	5.1	R	3.3
Carbon disulfide	µg/m3	1.3 J	R	1.6 U
Carbon tetrachloride	µg/m3	0.41 J	R	0.20 J
Chlorobenzene	µg/m3	0.81 J	R	0.92 U
Chlorodifluoromethane	µg/m3	2.5	R	1.3 J
Chloroethane	µg/m3	1.3 U	R	1.3 U
Chloroform (Trichloromethane)	µg/m3	0.98 U	R	0.98 U
Chloromethane (Methyl chloride)	µg/m3	2.7	R	3.5
cis-1,2-Dichloroethene	µg/m3	0.84	R	0.79 U
cis-1,3-Dichloropropene	µg/m3	0.91 U	R	0.91 U
Cyclohexane	µg/m3	1.3	R	0.32 J
Cymene (p-Isopropyltoluene)	µg/m3	1.1 U	R	1.1 U

Table 2

Analytical Results Summary
Quarterly Air Sampling
General Motors Components Holdings, LLC
Lockport, New York
December 2024

Location ID:		**IA-10-1**	**IA-10-2**	**OA-10**
Sample Name:		**IA-10-1-121824**	**IA-10-2-121824**	**OA-10-121824**
Sample Date:		**12/18/2024**	**12/18/2024**	**12/18/2024**
Parameters	**Unit**			
Volatile Organic Compounds				
Dibromochloromethane	µg/m3	1.7 U	R	1.7 U
Dichlorodifluoromethane (CFC-12)	µg/m3	2.4 J	R	2.7
Ethylbenzene	µg/m3	0.42 J	R	0.87 U
Hexachlorobutadiene	µg/m3	2.1 U	R	2.1 U
Hexane	µg/m3	280	R	0.92 J
Isopropyl alcohol	µg/m3	6.5 J	R	12 U
Isopropyl benzene	µg/m3	0.98 U	R	0.98 U
m&p-Xylenes	µg/m3	0.92 J	R	0.54 J
Methyl methacrylate	µg/m3	2.0 U	R	2.0 U
Methyl tert butyl ether (MTBE)	µg/m3	0.72 U	R	0.72 U
Methylene chloride	µg/m3	1.5 J	R	2.3
N-Butylbenzene	µg/m3	1.1 U	R	1.1 U
N-Heptane	µg/m3	0.67 J	R	0.44 J
N-Propylbenzene	µg/m3	0.98 U	R	0.98 U
Naphthalene	µg/m3	2.6 U	R	2.6 U
o-Xylene	µg/m3	0.33 J	R	0.87 U
Styrene	µg/m3	0.28 J	R	0.85 U
tert-Butyl alcohol	µg/m3	15 U	R	15 U
tert-Butylbenzene	µg/m3	1.1 U	R	1.1 U
Tetrachloroethene	µg/m3	7.9	R	1.4 U
Tetrahydrofuran	µg/m3	15 U	R	15 U
Toluene	µg/m3	280	R	2.0
trans-1,2-Dichloroethene	µg/m3	0.79 U	R	0.79 U
trans-1,3-Dichloropropene	µg/m3	0.91 U	R	0.91 U
Trichloroethene	µg/m3	0.80 J	R	1.1 U
Trichlorofluoromethane (CFC-11)	µg/m3	1.2	R	1.3
Trifluorotrichloroethane (CFC-113)	µg/m3	0.49 J	R	0.51 J
Vinyl bromide (Bromoethene)	µg/m3	0.87 U	R	0.87 U
Vinyl chloride	µg/m3	0.51 U	R	0.51 U
Xylenes (total)	µg/m3	1.3 J	R	0.54 J

Notes:

U - Not detected at the associated reporting limit
J - Estimated concentration
R - Rejected

Table 3

Analytical Methods
Quarterly Air Sampling
General Motors Components Holdings, LLC
Lockport, New York
December 2024

Parameter	Method	Matrix	Holding Time Collection to Analysis (Days)
Volatile Organic Compounds (VOCs)	TO-15	Air	30

Method Reference:

EPA Method TO-15 - "Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air", EPA-625/R-96/010b, January 1999.

Table 4

Qualified Sample Data Due To Insufficient Canister Pressure
Quarterly Air Sampling
General Motors Components Holdings, LLC
Lockport, New York
December 2024

Parameter	Sample ID	Pressure Upon Receipt at Laboratory (Hg")	Required Pressure (Hg")	Analyte	Qualified Result
VOCs	IA-10-2-121824	> -1	-1 to -10	1,1,1-Trichloroethane	R
				1,1,2,2-Tetrachloroethane	R
				1,1,2-Trichloroethane	R
				1,1-Dichloroethane	R
				1,1-Dichloroethene	R
				1,2,4-Trichlorobenzene	R
				1,2,4-Trimethylbenzene	R
				1,2-Dibromoethane (Ethylene dibromide)	R
				1,2-Dichlorobenzene	R
				1,2-Dichloroethane	R
				1,2-Dichloroethene (total)	R
				1,2-Dichloropropane	R
				1,2-Dichlorotetrafluoroethane (CFC 114)	R
				1,3,5-Trimethylbenzene	R
				1,3-Butadiene	R
				1,3-Dichlorobenzene	R
				1,4-Dichlorobenzene	R
				1,4-Dioxane	R
				2,2,4-Trimethylpentane	R
				2-Butanone (Methyl ethyl ketone) (MEK)	R
				2-Chlorotoluene	R

Table 4

Qualified Sample Data Due To Insufficient Canister Pressure
Quarterly Air Sampling
General Motors Components Holdings, LLC
Lockport, New York
December 2024

Parameter	Sample ID	Pressure Upon Receipt at Laboratory (Hg")	Required Pressure (Hg")	Analyte	Qualified Result
VOCs	IA-10-2-121824	> -1	-1 to -10	2-Hexanone	R
				2-Phenylbutane (sec-Butylbenzene)	R
				4-Ethyl toluene	R
				4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	R
				Acetone	R
				Allyl chloride	R
				Benzene	R
				Benzyl chloride	R
				Bromodichloromethane	R
				Bromoform	R
				Bromomethane (Methyl bromide)	R
				Butane	R
				Carbon disulfide	R
				Carbon tetrachloride	R
				Chlorobenzene	R
				Chlorodifluoromethane	R
				Chloroethane	R
				Chloroform (Trichloromethane)	R
				Chloromethane (Methyl chloride)	R
				cis-1,2-Dichloroethene	R
				cis-1,3-Dichloropropene	R

Table 4

Qualified Sample Data Due To Insufficient Canister Pressure
Quarterly Air Sampling
General Motors Components Holdings, LLC
Lockport, New York
December 2024

Parameter	Sample ID	Pressure Upon Receipt at Laboratory (Hg")	Required Pressure (Hg")	Analyte	Qualified Result
VOCs	IA-10-2-121824	> -1	-1 to -10	Cyclohexane	R
				Cymene (p-Isopropyltoluene)	R
				Dibromochloromethane	R
				Dichlorodifluoromethane (CFC-12)	R
				Ethylbenzene	R
				Hexachlorobutadiene	R
				Hexane	R
				Isopropyl alcohol	R
				Isopropyl benzene	R
				m&p-Xylenes	R
				Methyl methacrylate	R
				Methyl tert butyl ether (MTBE)	R
				Methylene chloride	R
				N-Butylbenzene	R
				N-Heptane	R
				N-Propylbenzene	R
				Naphthalene	R
				o-Xylene	R
				Styrene	R
				tert-Butyl alcohol	R
				tert-Butylbenzene	R

Table 4

Qualified Sample Data Due To Insufficient Canister Pressure
Quarterly Air Sampling
General Motors Components Holdings, LLC
Lockport, New York
December 2024

Parameter	Sample ID	Pressure Upon Receipt at Laboratory (Hg")	Required Pressure (Hg")	Analyte	Qualified Result
VOCs	IA-10-2-121824	> -1	-1 to -10	Tetrachloroethene	R
				Tetrahydrofuran	R
				Toluene	R
				trans-1,2-Dichloroethene	R
				trans-1,3-Dichloropropene	R
				Trichloroethene	R
				Trichlorofluoromethane (CFC-11)	R
				Trifluorotrichloroethane (CFC-113)	R
				Vinyl bromide (Bromoethene)	R
				Vinyl chloride	R

Notes:

VOCs - Volatile Organic Compounds
Hg" - Inches of mercury
R - Rejected

Data Verification Report

October 03, 2024

To	Claire Mondello [cmondello@haleyaldrich.com]	**Project No.**	12616852
Copy to	Christopher Arcuri	**DVR No.**	32
From	Avery Hook/eew	**Contact No.**	774-470-1659
Project Name	GM-Lockport	**Email**	Avery.Hook@ghd.com
Subject	Analytical Results and Data Verification Indoor Air Sampling GM-Lockport New York Facility Lockport, New York August 2024		

The services undertaken by GHD in connection with preparing this report were limited to those specifically detailed in the report and are subject to the scope limitations set out in the report.

1. Introduction

This document details a data verification of analytical results for air samples collected in support of the Indoor Air Sampling at the GM-Lockport New York Facility site during August 2024. Samples were submitted to Eurofins Burlington located in South Burlington, Vermont. A sample collection and analysis summary are presented in Table 1. The validated analytical results are summarized in Table 2. A summary of the analytical methodology is presented in Table 3.

Standard GHD report deliverables were submitted by the laboratory. The final results and supporting quality assurance/quality control (QA/QC) data were assessed. Evaluation of the data was based on information obtained from the chain of custody form, finished report forms, method blank data, duplicate data, and recovery data from laboratory control samples (LCS).

The QA/QC criteria by which these data have been assessed are outlined in the analytical methods referenced in Table 3 and applicable guidance from the document entitled: "National Functional Guidelines for Organic Superfund Methods Data Review", United States Environmental Protection Agency (USEPA) 540-R-20-005, November 2020. This item will subsequently be referred to as the "Guidelines" in this report.

2. Sample Holding Time and Preservation

The sample holding time criterion for the analysis is summarized in Table 3. The sample chain of custody document and analytical report were used to determine sample holding times. All samples were analyzed within the required holding time.

One sample canister was received at the laboratory in good condition and within the acceptable canister pressure range of –1 inch of mercury (Hg) to –10 inches of Hg, indicating the sample was still under vacuum upon receipt. The samples that were less than -10 inches of Hg were adjusted to the acceptable pressure range by the laboratory and the results were reported without qualification.

3. Laboratory Method Blank Analyses

Method blanks are prepared from a purified matrix and analyzed with investigative samples to determine the existence and magnitude of sample contamination introduced during the analytical procedures.

For this study, laboratory method blanks were analyzed at a minimum frequency of one per analytical batch.

All method blank results were non-detect, indicating that laboratory contamination was not a factor for this investigation.

Canister batch certification blank results were also reviewed. All blank results were non-detect, indicating canister contamination was not a factor for this investigation.

4. Laboratory Control Sample Analyses

LCS are prepared and analyzed as samples to assess the analytical efficiencies of the method employed, independent of sample matrix effects.

For this study, LCS was analyzed at a minimum frequency of one per analytical batch.

The LCS contained all compounds of interest. All LCS recoveries were within the laboratory control limits, demonstrating acceptable analytical accuracy

5. Duplicate Sample Analyses

Analytical precision is evaluated based on the analysis of laboratory duplicate samples. For this study, duplicate samples were prepared and analyzed by the laboratory for the volatile organic compound (VOC) analysis as specified in Table 1. The duplicate results were evaluated per the "Guidelines" using the laboratory control limits.

All duplicate analyses performed met the above criteria demonstrating acceptable analytical precision.

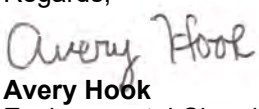
6. Analyte Reporting

The laboratory reported detected results down to the laboratory's sample-specific method detection limit (MDL) for each analyte. Positive analyte detections less than the reporting limit (RL) but greater than the sample-specific MDL were qualified as estimated (J) in Table 2. Non-detect results were presented as non-detect at the RL in Table 2.

7. Conclusion

Based on the assessment detailed in the foregoing, the data summarized in Table 2 are acceptable without qualification.

Regards,



Avery Hook
Environmental Chemist / Data Validator

Table 1

Sample Collection and Analysis Summary
Indoor Air Sampling
GM - Lockport New York Facility
Lockport, New York
August 2024

					Analysis/Parameters	
Sample Identification	**Location**	**Matrix**	**Collection Date (mm/dd/yyyy)**	**Collection Time (hr:min)**	**VOCs**	**Comments**
IA-10-1-082124	IA-10-1	Air	08/21/2024	16:46	X	
IA-10-2-082124	IA-10-2	Air	08/21/2024	16:53	X	
OA-10-082124	OA-10	Air	08/21/2024	16:37	X	DUP

Notes:

DUP - Laboratory Duplicate
VOCs - Volatile Organic Compounds

Table 2

Analytical Results Summary
Indoor Air Sampling
GM - Lockport New York Facility
Lockport, New York
August 2024

Location ID:		**IA-10-1**	**IA-10-2**	**OA-10**
Sample Name:		**IA-10-1-082124**	**IA-10-2-082124**	**OA-10-082124**
Sample Date:		**08/21/2024**	**08/21/2024**	**08/21/2024**
Parameters	**Unit**			
Volatile Organic Compounds				
1,1,1-Trichloroethane	µg/m3	1.1 U	1.1 U	1.1 U
1,1,2,2-Tetrachloroethane	µg/m3	1.4 U	1.4 U	1.4 U
1,1,2-Trichloroethane	µg/m3	1.1 U	1.1 U	1.1 U
1,1-Dichloroethane	µg/m3	0.81 U	0.81 U	0.81 U
1,1-Dichloroethene	µg/m3	0.79 U	0.79 U	0.79 U
1,2,4-Trichlorobenzene	µg/m3	3.7 U	3.7 U	3.7 U
1,2,4-Trimethylbenzene	µg/m3	0.45 J	0.86 J	0.98 U
1,2-Dibromoethane (Ethylene dibromide)	µg/m3	1.5 U	1.5 U	1.5 U
1,2-Dichlorobenzene	µg/m3	1.2 U	1.2 U	1.2 U
1,2-Dichloroethane	µg/m3	0.81 U	0.81 U	0.81 U
1,2-Dichloroethene (total)	µg/m3	0.94 J	1.3 J	1.6 U
1,2-Dichloropropane	µg/m3	0.92 U	0.92 U	0.92 U
1,2-Dichlorotetrafluoroethane (CFC 114)	µg/m3	1.4 U	1.4 U	1.4 U
1,3,5-Trimethylbenzene	µg/m3	0.98 U	0.98 U	0.98 U
1,3-Butadiene	µg/m3	0.15 J	0.14 J	0.44 U
1,3-Dichlorobenzene	µg/m3	1.2 U	1.2 U	1.2 U
1,4-Dichlorobenzene	µg/m3	1.2 U	1.2 U	1.2 U
1,4-Dioxane	µg/m3	18 U	18 U	0.42 J
2,2,4-Trimethylpentane	µg/m3	0.78 J	0.74 J	0.93 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/m3	1.5 U	2.0	1.5 U
2-Chlorotoluene	µg/m3	1.0 U	1.0 U	1.0 U
2-Hexanone	µg/m3	2.0 U	2.0 U	2.0 U
2-Phenylbutane (sec-Butylbenzene)	µg/m3	1.1 U	1.1 U	1.1 U
4-Ethyl toluene	µg/m3	0.98 U	0.98 U	0.98 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/m3	2.0 U	2.0 U	2.0 U
Acetone	µg/m3	95	95	12
Allyl chloride	µg/m3	1.6 U	1.6 U	1.6 U
Benzene	µg/m3	0.78	0.78	0.20 J
Benzyl chloride	µg/m3	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/m3	1.3 U	1.3 U	1.3 U
Bromoform	µg/m3	2.1 U	2.1 U	2.1 U

Table 2

Analytical Results Summary
Indoor Air Sampling
GM - Lockport New York Facility
Lockport, New York
August 2024

Location ID:		**IA-10-1**	**IA-10-2**	**OA-10**
Sample Name:		**IA-10-1-082124**	**IA-10-2-082124**	**OA-10-082124**
Sample Date:		**08/21/2024**	**08/21/2024**	**08/21/2024**
Parameters	**Unit**			
Volatile Organic Compounds (Continued)				
Bromomethane (Methyl bromide)	µg/m3	0.78 U	0.78 U	0.78 U
Butane	µg/m3	1.1 J	2.9	1.0 J
Carbon disulfide	µg/m3	0.64 J	1.6 U	1.0 J
Carbon tetrachloride	µg/m3	0.30 J	0.17 J	0.28 J
Chlorobenzene	µg/m3	0.33 J	0.27 J	0.92 U
Chlorodifluoromethane	µg/m3	1.9	1.7 J	1.1 J
Chloroethane	µg/m3	1.3 U	1.3 U	1.3 U
Chloroform (Trichloromethane)	µg/m3	0.98 U	0.98 U	0.98 U
Chloromethane (Methyl chloride)	µg/m3	1.1	1.3	1.1
cis-1,2-Dichloroethene	µg/m3	0.94	1.1	0.79 U
cis-1,3-Dichloropropene	µg/m3	0.91 U	0.91 U	0.91 U
Cyclohexane	µg/m3	4.6	4.3	0.69 U
Cymene (p-Isopropyltoluene)	µg/m3	1.1 U	1.1 U	1.1 U
Dibromochloromethane	µg/m3	1.7 U	1.7 U	1.7 U
Dichlorodifluoromethane (CFC-12)	µg/m3	1.6 J	1.6 J	1.8 J
Ethylbenzene	µg/m3	0.35 J	0.63 J	0.87 U
Hexachlorobutadiene	µg/m3	2.1 U	2.1 U	2.1 U
Hexane	µg/m3	44	64	3.7
Isopropyl alcohol	µg/m3	6.6 J	8.9 J	12 U
Isopropyl benzene	µg/m3	0.98 U	0.98 U	0.98 U
m&p-Xylenes	µg/m3	1.1 J	2.4	2.2 U
Methyl methacrylate	µg/m3	2.0 U	2.0 U	2.0 U
Methyl tert butyl ether (MTBE)	µg/m3	0.72 U	0.72 U	0.72 U
Methylene chloride	µg/m3	9.1	60	8.5
N-Butylbenzene	µg/m3	1.1 U	1.1 U	1.1 U
N-Heptane	µg/m3	0.48 J	1.2	0.38 J
N-Propylbenzene	µg/m3	0.98 U	0.98 U	0.98 U
Naphthalene	µg/m3	2.6 U	1.7 J	2.6 U
o-Xylene	µg/m3	0.36 J	0.71 J	0.87 U
Styrene	µg/m3	0.85 U	0.53 J	0.85 U
tert-Butyl alcohol	µg/m3	15 U	15 U	15 U

Table 2

Analytical Results Summary
Indoor Air Sampling
GM - Lockport New York Facility
Lockport, New York
August 2024

Location ID:		**IA-10-1**	**IA-10-2**	**OA-10**
Sample Name:		**IA-10-1-082124**	**IA-10-2-082124**	**OA-10-082124**
Sample Date:		**08/21/2024**	**08/21/2024**	**08/21/2024**
Parameters	**Unit**			
Volatile Organic Compounds (Continued)				
tert-Butylbenzene	µg/m3	1.1 U	1.1 U	1.1 U
Tetrachloroethene	µg/m3	13	8.1	0.28 J
Tetrahydrofuran	µg/m3	15 U	15 U	15 U
Toluene	µg/m3	68	63	0.79
trans-1,2-Dichloroethene	µg/m3	0.79 U	0.17 J	0.79 U
trans-1,3-Dichloropropene	µg/m3	0.91 U	0.91 U	0.91 U
Trichloroethene	µg/m3	1.1	0.97 J	1.1 U
Trichlorofluoromethane (CFC-11)	µg/m3	0.98 J	1.1	0.92 J
Trifluorotrichloroethane (CFC-113)	µg/m3	0.47 J	0.43 J	1.5 U
Vinyl bromide (Bromoethene)	µg/m3	0.87 U	0.87 U	0.87 U
Vinyl chloride	µg/m3	0.16 J	0.20 J	0.51 U
Xylenes (total)	µg/m3	1.5 J	3.1	3.0 U

Notes:

J - Estimated concentration

U - Not detected at the associated reporting limit

Table 3

Analytical Methods
Indoor Air Sampling
GM - Lockport New York Facility
Lockport, New York
August 2024

Parameter	Method	Matrix	Holding Time Extraction to Analysis (Days)
VOCs	TO-15	Air	30

Notes:

VOCs - Volatile Organic Compounds

Method References:

EPA - United States Environmental Protection Agency
TO-15 - Compendium of Methods for the Determination of Toxic Compounds in Ambient Air, 2nd Edition, EPA/625/R-96/010b, January 1999

PRR APPENDIX C

Groundwater Sampling Report

HALEY ALDRICH

Known for excellence. Built on trust.



JULY 2024
GROUNDWATER MONITORING REPORT
BCP SITE C932138
GM COMPONENTS HOLDINGS, LLC
200 Upper Mountain Road
Lockport, New York

August 26, 2025
File No. 21.0056546.20



PREPARED FOR:
New York State Department of Environmental Conservation

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VIA EMAIL

August 26, 2025
File No: 21.0056546.20

Mr. Glenn May, CPG
New York State Department of Environmental Conservation
Division of Environmental Remediation, Region 9
700 Delaware Avenue
Buffalo, New York 14209
glenn.may@dec.ny.gov

RE: July 2024 Groundwater Monitoring Report
Brownfield Cleanup Program (BCP) Site C932138
GM Components Holdings, LLC
200 Upper Mountain Road
Lockport, NY 14094

Mr. May:

GZA GeoEnvironmental of New York (GZA) is pleased to provide the attached July 2024 Groundwater Monitoring Report for BCP Site C932138.

We trust this report satisfies your present needs. If you need additional information, please contact Thomas Bohlen at 716-844-7050.

Sincerely,

GZA GEOENVIRONMENTAL OF NEW YORK

Thomas Bohlen, P.G.
Senior Project Manager

Jeremiah Duncan, Ph.D.
Senior Chemist/Consultant Reviewer

Bart A. Klettke, P.E.
Principal

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TABLE OF CONTENTS

Page

1.0 INTRODUCTION AND BACKGROUND.....1

2.0 GROUNDWATER MONITORING AND SAMPLING 1

3.0 ANALYTICAL RESULTS AND DISCUSSION 4

4.0 2024 GROUNDWATER MONITORING CONCLUSIONS AND RECOMMENDATIONS.....7

TABLES

TABLE 1 SUMMARY OF GROUNDWATER SAMPLE ANALYTICAL RESULTS

FIGURES

FIGURE 1 SITE PLAN

FIGURE 2 JULY 2024 GROUNDWATER CONTOUR MAP

FIGURE 3 EXTENT OF GROUNDWATER CONTAMINATION

FIGURE 4 SUMMARY OF HISTORICAL GROUNDWATER MONITORING RESULTS

APPENDICES

APPENDIX A MONITORING WELL OBSERVATIONS AND GROUNDWATER SAMPLING LOGS

APPENDIX B PREVIOUS ANALYTICAL RESULTS AND GRAPHS

APPENDIX C DATA QUALITY ASSESSMENT AND VERIFICATION REPORT

APPENDIX D EPA cVOC MONITORED NATURAL ATTENUATION RANKING SYSTEM

APPENDIX E TABLE E-1 WELL CONDITION SURVEY

APPENDIX F EUROFINS TEST AMERICA ANALYTICAL LABORATORY REPORTS

1.0 INTRODUCTION AND BACKGROUND

On behalf of GM Components Holdings LLC (GMCH), GZA GeoEnvironmental of New York (GZA) prepared this July 2024 Groundwater Monitoring Report, which summarizes annual monitoring conducted at the GMCH Lockport facility, 200 Upper Mountain Road, Lockport, New York (Brownfield Cleanup Program (BCP) Site No. C932138). The groundwater sampling was conducted from July 16, 2024, through August 1, 2024 and included 25 monitoring wells (**Figure 1**). Eleven of the wells are proximate to Building 7 (MW-7-1R, -7-2, -7-3, -7-4, -7-5, -7-6, -7-7, -7-8, 7-A-6, -7-C-2, and -7-P-1). Eight wells are proximate to Building 8 (MW-6-1, -6-2, -6-F-8, -8-1, -8-2, -8-3, -8-4, and -8-003-B) and six wells are proximate to Building 10 (BLDG 10 MW-1, MW-10-2, -10-3, -9-101-A, -9-12, and TK-6). Groundwater elevations were collected during the sampling event. **Figure 2** depicts groundwater contours generated from water level measurements collected on July 15, 2024.

GMCH entered into three Brownfield Cleanup Agreements (BCAs) with the New York State Department of Environmental Conservation (NYSDEC) in May 2010. A BCP Remedial Investigation (RI) was conducted at the Building 7, 8, and 10 BCP Sites from December 2010 through spring 2011, in accordance with the NYSDEC approved RI Work Plans for the three sites. The BCP Remedial Investigation Reports (RIRs; Haley & Aldrich/GZA, November 2011) for Buildings 7, 8, and 10 were approved by NYSDEC in letters dated November 29, 2011.

The Building 7 BCP Site (C932138) was consolidated with the historical Building 8 (C932139) and Building 10 (C932140) sites as BCP Site C932138. BCP agreements for Sites C932139 and C932140 were withdrawn from the BCP. BCP Site consolidation of the three individual sites into one BCP Site was approved by NYSDEC in June 2014.

As specified in the Decision Document (DD) issued by NYSDEC on June 14, 2016, GMCH implemented the Site remedy for groundwater which included the in-situ injection of a chemical reducing agent (zero valent iron [ZVI]) and biostimulation amendments (emulsified vegetable oil [EVO]). The in-situ chemical reducing (ISCR) agent and biostimulation amendment were injected via remedial injection wells, located between Buildings 7 and 10, in June 2016.

A Site Management Plan (SMP) was prepared for the combined BCP Site C932138, which included a summary of the groundwater monitoring program, a Field Sampling Plan (FSP), and a Quality Assurance Project Plan (QAPP). The SMP was approved by NYSDEC on December 2, 2016. Relative to the groundwater monitoring, the BCP Site SMP is generally consistent with the SMP of the adjoining Delphi Harrison Thermal Systems (DHTS) Site (Registry Site 932113). Groundwater monitoring at the combined BCP Site has been in accordance with the NYSDEC approved BCP Site SMP since May 2017.

2.0 GROUNDWATER MONITORING AND SAMPLING

The July 2024 groundwater sampling and analytical parameters were in accordance with the combined BCP Site SMP. In addition to the MNA parameters identified in the SMP, carbon dioxide (CO_2), ethane, and ethene were analyzed to help further evaluate the fate and transport of total organic carbon (TOC) and vinyl chloride (a reductive dichlorination daughter product of the parent compound tetrachloroethene (PCE). Vinyl chloride sequentially degrades to ethene, ethane, and methane under reductive conditions and to CO_2 under mildly oxidative conditions.

METHODOLOGY

An organic vapor meter (OVM), equipped with photoionization detector (PID) and a 10.6 electron volt (eV) ultraviolet lamp, was used to screen for volatile organics in air at the top of the well riser immediately following the removal of each monitoring well riser cap. OVM readings were recorded on each respective monitoring well field sampling log (**Appendix A**). OVM readings in breathing space did not exceed 0.9 parts per million (ppm) above background concentrations (0.0 ppm) and no odors were noted in the breathing space during sampling.

The wells were sampled using a Geotech® Geopump II peristaltic pump. Prior to initiation of each well purge, a static water level was measured from the top of the monitoring well riser and recorded on the monitoring well sampling log. At each monitoring well location, new polyethylene tubing was lowered into the monitoring well and positioned with the bottom of the tubing at the approximate vertical center of the well screen. Following the sampling, GZA measured and documented the depth of each monitoring well, which were consistent with the information provided on the existing monitoring well logs.

The pump was started and operated at a flow rate that minimized draw-down of the water column within the well. The first set of water quality readings were collected when the flow-through cell was full and water began to flow out. Once a constant head was established, the pumping flow rate was not altered. Sampling flow rates were kept consistent with purging/monitoring flow rates. Readings were recorded on well development forms in the field once a constant head had been established. Readings were continuously recorded every five minutes, until water quality readings stabilized for three successive readings, which generally consisted of ± 0.1 for pH, ±3% for conductivity, ± 10 mV for oxidation reduction potential (ORP) and ± 10% for turbidity and dissolved oxygen (DO).

Groundwater samples were collected for lab analysis once a constant head was established, the water quality readings had stabilized and/or at least one well volume was removed. The polyethylene tubing from the pump to the water quality meter was disconnected and used to fill the appropriate groundwater sample containers provided by the laboratory. Groundwater collected for analysis did not enter the flow-through cell.

After the appropriate sample containers were filled, the pump was shut off and the tubing was removed from the monitoring well and pump-head. The tubing was then disposed as a solid waste. The flow-through cell and water quality meter were rinsed with de-ionized water prior to use at each well.

A stable water level could not be established in four monitoring wells (MW-7-2, -7-4, -7-8, and -8-3). These wells were purged to dry-like conditions and allowed to recharge for at least 24-hours and/or until the water level recovered prior to sampling. GZA was unable to sample MW-7-4 due to no recharge after being purged dry.

Analytical Parameters

Chlorinated Organic Compounds of Concern (COCs):

- tetrachloroethylene (PCE);
- trichloroethylene (TCE);
- *cis*-1,2-dichloroethylene (*cis*-DCE) and *trans*-1,2-dichloroethylene (*trans*-DCE); and
- vinyl chloride (VC).

Inorganics:

- iron;
- magnesium;
- manganese;
- potassium;
- sodium;

Natural Attenuation Parameters:

- methane;
- ethane;
- ethene;
- carbon dioxide;
- total organic carbon (TOC);
- alkalinity;
- ammonia;
- chloride;
- nitrate;
- nitrite;
- sulfate; and
- sulfide.

Field Measured Parameters:

- temperature;
- specific conductance;
- dissolved oxygen (DO);
- oxidation reduction potential (ORP);
- pH; and
- turbidity.

Figure 1 provides a Site map with monitoring well locations. **Table 1** provides a summary of the validated groundwater sample analytical results. Monitoring Well Observations and Groundwater Sampling Logs are included in **Appendix A**. A tabular and graphic summary of current and previous sampling event results by well are included in **Appendix B**. A Data Quality Assessment and Verification Report prepared by GHD is provided in **Appendix C. Appendix D** contains a table with the strength of evidence scorecard for natural attenuation at the individual monitoring well locations. The anaerobic biodegradation screening tables were developed by Wiedemeier *et. Al.,* 1998[1], to evaluate MNA performance data. **Appendix E** is a Well Condition Summary Table. The Analytical Data Reports prepared by Eurofins Test America Laboratory are included in **Appendix F**.

[1] Wiedemeier, T.H., Swanson, M.A., Moutoux, D.E., Gordon, E.K., Wilson, J.T., Wilson, B.H., Kampbell, D.H., Haas, P.E., Miller, R.N., Hansen, J.E., and Chapelle, F.H., 1998, Technical Protocol for Evaluating Natural Attenuation of Chlorinated Solvents in Ground Water, EPA/600/R-98/128, 78 p.

3.0 ANALYTICAL RESULTS AND DISCUSSION

The analytical results for the 25 sampled wells are summarized in **Table 1** and shown on **Figure 4**. Results are discussed below.

Building 7

Eleven monitoring wells were sampled proximate to Building 7:

Potential Source Area wells:	MW-7-7 and MW-7-A-6;
Mid-Plume Area wells:	MW-7-P-1, MW-7-5, MW-7-6, MW-7-C-2, and MW-7-8;
Downgradient Area wells:	MW-7-1R, MW-7-2, MW-7-3, and MW-7-4.

Potential Source Area Wells:

The 2024 results for the two potential source area wells (proximate to the exterior western wall of Building 7) indicate that biological reductive dichlorination is continuing in this area, following the in-situ treatment in June 2016. The ORP in MW-7-7 has been strongly reducing since June 2016 (< -233.0 mV), and in MW-7-A-6 it has also been strongly reducing (< -145.1 mV prior to 2022; -138.3 mV in 2024). These data, along with low dissolved oxygen (< 0.14 mg/L in MW-7-7, and 0.12 in MW-7-A-6 mg/L in 2024), are indicative of a favorable environment for the dechlorinating microbes. Additionally, production of daughter products, including 1,2-DCE, VC, and ethene is evident. In MW-7-7, these compounds made up 26%, 8.6%, and 1.4% (by molar concentration), respectively, of the total ethenes, while in MW-7-A-6 they were 48%, 43.5%, and 6.8%, respectively (See **Appendix B** for data and figures). These proportions have remained relatively constant over the last three to four sampling periods, although both the real amount and proportion of VC in MW-7-A-6 have trended upward. Finally, concentrations of both CO_2 and chloride (final products of the mineralization of chlorinated solvents) have trended downward in both wells, while methane concentrations have been consistently high. In July 2024, CO_2 was measured at 43 and 260 mg/L in MW-7-7 and MW-7-A-6, respectively, chloride was 3,150 and 742 mg/L, respectively, and methane at 870 and 1,700 µg/L.

Although initially showing decreases following the 2016 treatments, PCE concentrations in both MW-7-7 and MW-7-A-6 have trended upward over the last few years of sampling. However, PCE concentrations remained consistent from the 2023 sampling event at MW-7-7 and was detected at its lowest concentration since July 2020 in MW-7-A-6. In July 2024, PCE was measured at 100,000 and 4,600 µg/L, respectively, in the wells. The 2024 results are less than historical values prior to treatment (>=120,000 µg/L in both wells), but this continued rebound may be indicative of a potential upgradient COC source. It is noted PCE was detected at a concentration of 150,000 µg/L in the upgradient BLDG-10-MW-1 well, which is consistent with historical concentrations (see Building 10 discussion below).

Mid-Plume Area Wells:

Wells MW-7-5 and MW-7-8 showed decreases in the concentrations of COCs in 2024. Concentrations of PCE at MW-7-5were historically low (180 µg/L) in 2024 (excepting for a potentially anomalous, previous historically low concentration of 48 µg/L in 2020). TCE and *cis*-DCE in MW-7-5 have increased in concentration over the last couple of sampling rounds. However in July 2024, *cis*-DCE was not detected and TCE was detected at a historically low concentration of 33 µg/L (excepting for a potentially anomalous, historical low concentration of 7.4 µg/L in 2020). VC in groundwater analyzed from MW-7-8 also exhibited a downtrend in concentration from 2023 to 2024 (VC = 370 µg/L). PCE, TCE and *cis*-DCE concentrations decreased similarly (PCE = 470 µg/L, TCE = 190 µg/L, and *cis*-DCE = 360 µg/L). *cis*-DCE concentrations from

MW-7-C-2 in 2024 were the same as concentrations detected in 2023 (540 µg/L), higher than in previous monitoring events and at the highest concentration since 2016. The other three mid-plume wells (MW-7-P-1, MW-7-6, and MW-7-C-2) showed similar COC concentrations to those seen over the last few years. MW-7-P-1 has consistently had low levels of COCs, and in July 2024, there were no detections of PCE, or TCE while 1,2-DCE was measured at 2.4 µg/L, and VC was detected at 3.9 µg/L. COC concentrations in MW-7-6 are consistent with historical levels (PCE = 630 µg/L, TCE = 330 µg/L, 1,2-DCE = 700 µg/L, and VC = ND). Concentrations of PCE and TCE are consistent with historical levels in MW-7-C-2 (ND), VC was measured at 160 µg/L, which is a historical high from the previous high in 2022 (140 µg/L), and *cis*-1,2-DCE was measured at a historical high of 540 µg/L, matching the same historical levels from 2016 and 2023.

Unlike in the potential source area wells, there is less indication of biotic reductive dechlorination in the mid-plume area wells MW-7-5 and MW-7-6. The screening scores (**Appendix D**) indicate inadequate evidence of anaerobic biodegradation in MW-7-5 and adequate evidence in MW-7-6. However, these scores are based in part on the presence of certain chemical species, which could be from upgradient wells. ORP measurements are moderately to not favorable for reductive dechlorination (+96.1 mV in MW-7-5 and +61 mV in MW-7-6), and while there are detections of daughter products, both the concentrations and molar fractions have remained mostly constant over time (**Appendix B**). Additionally, concentrations of VC (ND in MW-7-5 and MW-7-6) and ethene (ND in both wells) were low in the July 2024 sampling round, while concentrations of CO_2 (26 mg/L in MW-7-5 and 41 mg/L in MW-7-6) and chloride (146 mg/L in MW-7-5 and 3,250 mg/L in MW-7-6) were higher than pre-treatment levels. In July 2024, methane was not detected in well MW-7-5 and concentrations were relatively low in well MW-7-6 (280 µg/L) which is indicative of a lack of reductive dichlorination.

Field and analytical measurements of groundwater in MW-7-8 indicate a fluctuating environment since 2016, with ORP measurements spanning from mildly oxidizing (+8.5 mv in 2018) to reducing (-190 mV in 2017, -160.2 mV in 2021, -80.7 mV in 2022, -67.3 mV in 2023, and –93.2 mV in 2024), and concentrations of COCs varying inconsistently. In some years (*e.g.*, 2017 and 2019), concentrations and the fraction of daughter products (*cis*-1,2-DCE and VC) have increased, while those of PCE and TCE decreased, indicating that biotic degradation of chlorinated solvents may been occurring at times in this well. In 2022, concentrations of all four chlorinated ethenes increased slightly compared to 2021. In 2024, concentrations of PCE, TCE, 1,2-DCE and VC decreased compared to 2023.

The occurrence of biotic degradation of chlorinated solvents in the mid-plume wells MW-7-P-1 and MW-7-C-2 is unclear. Since June 2016, they have consistently had ORP readings indicating reducing conditions (MW-7-P-1: -123.7 – -70.5 mV; MW-7-C-2: -165.1 – -34.6 mV), their MNA screening scores indicate limited and adequate to strong evidence of anaerobic biodegradation at MW-7-C-2 and MW-7-P-1 respectively, and they have had consistently low or no PCE and TCE, with consistent detections of daughter products 1,2-DCE and VC (see above). However, although the reducing environment could support dechlorinating microbes, the flat trends in the data, including no detections of ethene, do not indicate vigorous biotic dechlorination is occurring.

Downgradient Area Wells:

Samples from the four downgradient wells (MW-7-1R, MW-7-2, and MW-7-3) contained no COCs at concentrations above the PQLs, or above their respective Class GA criteria[2]. In 2022, concentrations of TCE in well MW-7-4 (15 µg/L) exceeded its Class GA criteria (5 µg/L) for the first time since 2011. TCE was detected at 3 µg/L in October 2023, which is below its Class GA criteria. In reviewing other analytical data from MW-7-4, it is noted that both CO_2 and chloride have been trending

[2] NYSDEC Class GA Groundwater criteria presented in the Division of Water Technical and Operational Guidance Series (TOGS 1.1.), dated October 1993, reissued June 1998, errata January 1999, April 2000 Addendum and June 2004 Addendum (Class GA).

upward since the remedial treatments of June 2016 and were measured at historically high concentrations of 40 mg/L and 587 mg/L, respectively, in 2022. CO_2 and chloride were measured at 43 mg/L and 442 mg/L, respectively, in 2023. These analytes, particularly chloride, have also been trending upward recently in the other downgradient wells and in the mid-plume wells (above). Samples were not submitted for MW-7-4 due to the lack of active groundwater recovery 24 hours after being drained dry.

Indicators of natural attenuation proximate to Building 7 include:

- a significant decrease in COC concentrations from the potential source area to mid-plume with continued reduction to downgradient on-Site areas;
- the presence of daughter compounds *cis*-DCE and VC in the mid-point of the plume; and,
- evidence of reductive dechlorination in the Building 7 wells in the potential source and mid-plume area based on the anaerobic biodegradation screening table (**Appendix D**).

Building 8

Eight monitoring wells were sampled proximate to Building 8 (MW-6-1, -6-2, -6-F-8, -8-1, -8-2, -8-3, -8-4, and -8-003-B; (**Figure 1**).

The highest total COC concentrations have consistently been detected in MW-8-2 (5,080 µg/L in 2024) and MW-8-003-B (1,794 µg/L in 2024). The concentrations of COCs detected from both of these wells have generally increased since 2020. Although there was a decrease in COC concentrations compared to the 2023 sampling, TCE concentrations in 2024 (1,100 µg/L) were well above pretreatment levels and second only to the historical high from 2023 (1,400 µg/L). It is notable that TCE concentrations in this well were non-detect as recently as 2022.

The MNA data indicated there is limited to strong evidence of anaerobic biodegradation (**Appendix D**), yet *cis*-DCE is the COC detected at the highest concentration in most locations where COCs are detected proximate to Building 8. This indicates reductive dechlorination of the parent compound (TCE) is occurring. With the exception of MW-8-003-B, and MW-8-4, the Building 8 monitoring wells have higher concentrations of the daughter compounds *cis*-1,2-DCE and VC relative to their parent compounds PCE and TCE.

Groundwater from the Building 8 area is flowing to the southeast. Natural attenuation processes are apparently reducing the COC contamination to non-detectable levels or below the NYSDEC Class GA criteria in downgradient monitoring wells along Upper Mountain Road (**Figure 3**). Consistent with historical trends, no VOCs were detected above the Class GA groundwater standards in downgradient monitoring wells MW-8-1, MW-6-1, MW-6-2, and MW-6-F-B. It does not appear contaminated groundwater proximate to Building 8 is migrating beyond Upper Mountain Road.

There is evidence that reductive dechlorination is occurring at the Building 8 well locations based on the anaerobic biodegradation screening tables (**Appendix D**). Additionally, the production of the PCE and TCE daughter compounds *cis*-DCE and VC provides evidence for reductive dichlorination.

Building 10

Six monitoring wells were sampled proximate to Building 10 (Bldg. 10 MW-1, MW-10-2, MW-10-3, MW-9-101A, MW-9-12, and TK-6; **Figure 1**).

COCs are in the groundwater located between Buildings 7 and 10. This area was the location of an in-situ remedial injection program implemented in June 2016. Dramatic decreases in parent COC concentrations (TCE and PCE) and increases in breakdown daughter product concentrations (*cis*-DCE and VC) were observed in the post-injection analytical data collected 30, 60, 90, and 180 days after injection. Post-injection data was provided to NYSDEC in December 2016 in the Final Engineering Report.

The July 2024 analytical results were generally consistent with the 2023 results. The four wells that may be considered upgradient of the source (MW-10-3, MW-9-101A, MW-9-12, and TK-6) contained no COCs at concentrations above the PQLs or above their respective Class GA criteria, and in most cases, there were no detections above laboratory detection limits. PCE and TCE were detected at MW-10-3 above laboratory detection limits but below their respective Class GW criteria (2.3 µg/L and 3 µg/L). Well BLDG-10-MW-1, which may be near a source, showed high levels of both PCE and TCE (150,000 and 5,000 µg/L) and no detections of 1,2-DCE or VC, consistent with historical data. The MNA screening score (**Appendix D**) suggests there is adequate evidence for anaerobic biodegradation, the ORP was detected lower than during the 2023 sampling event, which was identified as a mildly reducing environment (26.6 mV in 2023, -28.7 mV in 2024), and the dissolved oxygen was 0.49 mg/L indicating a reductive environment, but the levels of parent compounds PCE and TCE have not decreased over time, and there is a lack of daughter products, including ethene. The analysis of groundwater from downgradient well MW-10-2 found PCE, and TCE at 21 µg/L and 25 µg/L, the highest observed since 2016. 1,2-DCE and VC were found at 195.3 and 45 µg/L, respectively. Additionally, ORP (-91.9 mV) and DO (0.70 mg/L) measurements indicate a reducing environment, and ethene was detected at 48 µg/L. High amounts of PCE and TCE upgradient, and MNA screening scores indicate adequate evidence of anaerobic biodegradation in the vicinity of this well.

4.0 2024 GROUNDWATER MONITORING CONCLUSIONS AND RECOMMENDATIONS

CONCLUSIONS

Concentrations of COCs in groundwater analyzed from wells proximate to the BCP/DHTS Site boundaries (MW-7-1R, -7-2, -7-3, and -7-P-1) were generally below MDLs and NYSDEC Class GA Criteria. Concentrations of the degradation products methane and chloride have been elevated in mid-plume wells and have been increasing in all of the downgradient boundary wells in recent years.

Results of the July 2024 groundwater monitoring otherwise indicates groundwater impacts remain within the spatial limits of the BCP and DHTS Sites (**Figure 3**). Analytical results continue to indicate the plumes are stable, as there is continuing evidence for anaerobic biodegradation in the area where remedial treatments were applied in June 2016.

As specified in the Decision Document (DD) issued by NYSDEC on June 14, 2016, GMCH implemented the Site remedy for groundwater. The remedy included in-situ injection of a chemical reducing agent (ZVI) and a biostimulation amendment (EVO). These were added to the formation via remedial injection wells between Buildings 7 and 10 in June 2016.

Dramatic reductions in concentrations of parent COCs (TCE and PCE) have been observed at certain well locations (MW-7-A-6, MW-7-7, MW-7-8, and MW-10-2) proximate to the remedial injection areas, although all of these except MW-10-2 have seen some rebound in the last four sampling rounds. Additionally, these wells continue to exhibit concentrations of breakdown COCs (*cis*-DCE and VC), as well as VC degradation products (ethene, ethane, methane and CO_2). Notably, concentrations of PCE in wells MW-7-A-6 and MW-7-7, which are in the treatment area and downgradient of the potential source under Building 10, have displayed consistent and significant increases since their lows in 2018, with the results from the 2023 sampling round being the highest concentrations since the treatment in 2016 and limited decreases from

those highs in the 2024 sampling round. These observations, along with field data indicating reducing conditions and the MNA screening scores (**Appendix D**), provide encouraging evidence of continuing enhanced natural attenuation due to the remedial injection program, but also indicate parent compounds may be migrating from the upgradient area near BLDG-10-MW-1.

Data from the mid-plume wells (MW-7-5 and MW-7-6) do not support the conclusion that anaerobic reductive dechlorination is occurring in this area, and particularly in MW-7-5, where concentrations of parent COCs (PCE and TCE) have increased to pre-treatment levels. While daughter and degradation products are observed in this area, these are likely migrating from the upgradient area, where reductive dechlorination appears to be ongoing.

RECOMMENDATIONS

GZA recommends:

- conducting the annual groundwater sampling event in the fall of 2024 in accordance with the SMP,
- sampling wells MW-7-7 and MW-7-A-6 for microbial genetic assays to verify the presence of bacteria (such as member of the *Dehalococcoides* genus) that perform reductive dechlorination of chlorinated contaminants.

Further considerations may include:

- considering retreatment of the area between Building 7 and 10 in the existing array.
- considering treatment options of the likely source area under Building 10 in the vicinity of BLDG 10-MW-1.

TABLES

Table 1
Summary of Groundwater Sample Analytical Results
GMCH Lockport Brownfield Cleanup Program
Site No. C932138

Sample Location	Class GA	BUILDING 7 AREA WELLS																					
Sample Date	Criteria	MW-7-1R 7/17/2024	Q	MW-7-2 7/18/2024	Q	MW-7-3 7/17/2024	Q	MW-7-4 7/22/2024	Q	MW-7-5 7/17/2024	Q	MW-7-6 7/17/2024	Q	MW-7-7 7/22/2024	Q	MW-7-8 7/24/2024	Q	MW-7-A-6 8/1/2024	Q	MW-7-C-2 7/18/2024	Q	MW-7-P-1 7/16/2024	Q
VOC Compounds of Concern (ug/L)																							
cis-1,2-Dichloroethene	5	ND		ND		ND		NT		ND		700		28,000		360		130,000		540		2.7	
Tetrachloroethene	5	ND		ND		ND		NT		180		630		100,000		470		4,600		ND		ND	
trans-1,2-dichloroethene	5	ND		ND		ND		NT		ND		ND		ND		ND		ND		ND		ND	
Trichloroethene	5	ND		ND		ND		NT		33		330		14,000		190		2,800		ND		ND	
Vinyl Chloride	2	ND		ND		ND		NT		ND		ND		6,000		370		76,000		160		3.9	
Total VOCs		ND		ND		ND		NT		213		1,660		148,000		1,390		213,400		700		6.6	
Polycyclic Aromatic Hydrocarbons (PAHs) (ug/L)																							
16 PAHs analyzed		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Field Parameters																							
Temperature (Deg. C)	NV	20.5		16.0		19.7		16.2		18.3		18.1		18.7		18.6		20.4		17.5		21.1	
Specific Conductance (mS/cm)	NV	8.426		1.362		23.378		1.749		1.149		12.869		10.270		14.936		3.283		2.678		15.406	
Dissolved Oxygen (mg/L)	NV	0.48		1.68		0.21				2.00		0.28		0.14		1.77		0.12		0.34		0.26	
Oxygen Reduction Potential (mv)	NV	156.5		102.1		-73.4		107.8		96.1		61.0		-233.0		-93.2		-138.3		-76.8		-80.5	
pH (std. units)	NV	6.76		7.39		6.73		7.22		7.44		7.03		6.88		6.79		6.34		6.94		6.49	
Turbidity (NTUs)	NV	25.79		2.07		9.03		8.25		5.15		7.45		38.50		16.31		17.00		1.85		7.55	
Inorganics (mg/L)																							
Iron	0.3	0.029	J	ND		5.7		NT		0.18		0.068		0.10		5.0		13.4		1.1		50.3	
Magnesium	35 [Note 4]	125		34.2		122		NT		13.0		47.3		153		174		102		141		233	
Manganese	NV	0.13		0.0026	J	0.50	B	NT		0.025		0.13		0.030	B	0.79	B	1.2	B	0.28		2.7	
Potassium	NV	6.9		1.2		26.7		NT		3.6		8.4		35.2		40.5		3.6		5.7		25.0	
Sodium	20	1260		80.3		4,390		NT		93.5		2,040		1,410		2,330		240		154		226	
Miscellaneous Water Quality Parameters																							
Methane (ug/L)	NV	5.8		ND		240		NT		ND		280		870		66	B	1,700		380		6,400	
Ethane (ug/L)	NV	ND		ND		ND		NT		ND		13		50		6.7	J B	94	J	1.9	J	29	
Ethene (ug/L)	NV	ND		ND		4.5	J	NT		ND		ND		440		8.6	B	5,300		13		1.8	J
Carbon Dioxide (ug/L)	NV	68,000		33,000		80,000		NT		26,000		41,000		43,000		32,000		260,000		54,000		120,000	
Total Organic Carbon (mg/L)	NV	ND		ND		1.0		NT		7.5		0.51	J	5.8		ND		16.4		ND		5.9	B
Alkalinity (mg/L)	NV	300		360		383		NT		338		390		279		141		321		310	F1	175	
Ammonia (mg/L)	NV	0.016	J B	ND		1.2	B	NT		0.056	B F1	0.10	B	3.5		0.50	B	0.13		0.23		109	
Chloride (mg/L)	NV	3,160		135		7,200		NT		146		3,250		3,150		4,710		742		434		3,070	
Nitrate (mg/L)	NV	0.056		ND		0.020	J	NT		0.58		0.18		0.040	J	ND		ND		ND	H	0.14	
Nitrite (mg/L)	NV	ND		ND		ND		NT		ND		ND		ND		ND		ND		ND	H	0.058	
Sulfate (mg/L)	NV	157		23.5		694		NT		14.9		175		407		185		22.4		1010		ND	J
Sulfide (mg/L)	NV	ND		ND		ND		NT		ND		ND		0.80	J	ND		ND		ND		ND	

Notes:

1. Only compounds detected in one or more of the groundwater samples are presented in this table.
2. Analytical testing completed by Eurofins in Amherst, New York.
3. Criteria is a guidance value.
4. Laboratory qualifiers: B = compound was found in the blank and sample; J = result is less than the RL but greater than or equal to the MDL and the concentration is an approximation; F1 = MS and/or MSD Recovery is outside acceptance limits; H = sample was prepped or analyzed outside of specified holding time; F2 = MS/MSD Relative Percent Difference (RPD) exceeds control limits.
5. mg/L = parts per million; ug/L = parts per billion
6. NYSDEC Class GA Groundwater Criteria as promulgated in 6 NYCRR 703; Table 1 in Technical and Operational Guidance Series (1.1.1): Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, dated October 1993; revised June 1998; errata dated January 1999; addendum dated April 2000.
7. ND = not detected NV = no value, NT = not tested.
8. Shaded concentrations exceed Class GA criteria.

Table 1
Summary of Groundwater Sample Analytical Results
GMCH Lockport Brownfield Cleanup Program
Site No. C932138

Sample Location Sample Date	Class GA Criteria	BUILDING 8 AREA WELLS MW-6-1 7/16/2024	Q	MW-6-2 7/23/2024	Q	MW-6-F-8 7/23/2024	Q	MW-8-1 7/25/2024	Q	MW-8-2 7/25/2024	Q	MW-8-3 7/26/2024	Q	MW-8-4 7/23/2024	Q	MW-8-003-B 7/18/2024	Q
VOC Compounds of Concern (ug/L)																	
cis-1,2-Dichloroethene	5	ND		ND		ND		ND		3,700		ND		31		520	
Tetrachloroethene	5	ND		ND		ND		ND		ND		ND		ND		1000	
trans-1,2-dichloroethene	5	ND		ND		ND		ND		ND		ND		ND		ND	
Trichloroethene	5	ND		ND		ND		0.94	J	1100		ND		7.7		200	
Vinyl Chloride	2	ND		ND		ND		ND		280		ND		12		74	
Total VOCs		ND		ND		ND		0.94		5,080		ND		50.7		1,794	
Polycyclic Aromatic Hydrocarbons (PAHs) (ug/L)																	
16 PAHs analyzed		NT		NT		NT		NT		NT		NT		NT		NT	
Field Parameters																	
Temperature (Deg. C)	NV	18.1		16.6		20.6		17.0		21.1		20.4		19.8		20.6	
Specific Conductance (mS/cm)	NV	3.520		4.460		8.077		5.798		1.163		6.876		12.275		13.014	
Dissolved Oxygen (mg/L)	NV	0.23		0.23		0.38		0.17		0.31		1.06		0.99		0.47	
Oxygen Reduction Potential (mv)	NV	-103.7		60.5		80.9		-236.7		-111.6		123.9		-22.8		134.1	
pH (std. units)	NV	6.89		7.09		7.05		6.96		7.15		6.86		7.16		7.52	
Turbidity (NTUs)	NV	16.02		1.80		3.35		7.90		0.31		1.97		4.48		2.58	
Inorganics (mg/L)																	
Iron	0.3	14.6		0.13		0.043	J	0.029	J	5.0		5.6		0.59		0.055	
Magnesium	35 [Note 4]	47.8		88.8		52.4		128		44.0		147		65.1		16.9	
Manganese	NV	2.3		0.23		0.26		0.10	B	0.73	B	1.2	B	0.29		0.19	
Potassium	NV	2.6		3.5		4.7		20.3		5.2		233		14.2		6.5	
Sodium	20	407		1620		681		643		70.3	F1	704		2,970		130	
Miscellaneous Water Quality Parameters																	
Methane (ug/L)	NV	110		ND		ND		230		430		2600		170		8.0	
Ethane (ug/L)	NV	ND		ND		ND		27		ND		36	J	ND		ND	
Ethene (ug/L)	NV	ND		ND		ND		ND		ND		ND		ND		9.2	
Carbon Dioxide (ug/L)	NV	110,000		49,000		59,000		51,000		51,000		26,000		20,000		11,000	
Total Organic Carbon (mg/L)	NV	5.5	B	ND		ND		ND		1.4		6.3		ND		0.71	J
Alkalinity (mg/L)	NV	365		383		399		299		2500	F1	173		236		254	F1
Ammonia (mg/L)	NV	0.75		ND		0.039		1.4		0.19	F1	5.0		0.050		0.16	F1
Chloride (mg/L)	NV	836		2,310		1,390		1,290		151		2,070		4,170		5,240	F1
Nitrate (mg/L)	NV	ND		0.085		ND		ND		ND		0.21	H	ND		0.53	H
Nitrite (mg/L)	NV	ND		ND		ND		ND		ND		0.026	J H	ND		0.028	J H F1
Sulfate (mg/L)	NV	31.4		259		79.2		910		62.9		593		297		255	F2 F1
Sulfide (mg/L)	NV	ND		ND		ND		2.8		ND		ND		ND		ND	

Notes:

1. Only compounds detected in one or more of the groundwater samples are presented in this table.
2. Analytical testing completed by Eurofins in Amherst, New York.
3. Criteria is a guidance value.
4. Laboratory qualifiers: B = compound was found in the blank and sample; J = result is less than the RL but greater than or equal to the MDL and the concentration is an approximation; F1 = MS and/or MSD Recovery is outside acceptance limits; H = sample was prepped or analyzed outside of specified holding time; F2 = MS/MSD Relative Percent Difference (RPD) exceeds control limits.
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7. ND = not detected NV = no value, NT = not tested.
8. Shaded concentrations exceed Class GA criteria.

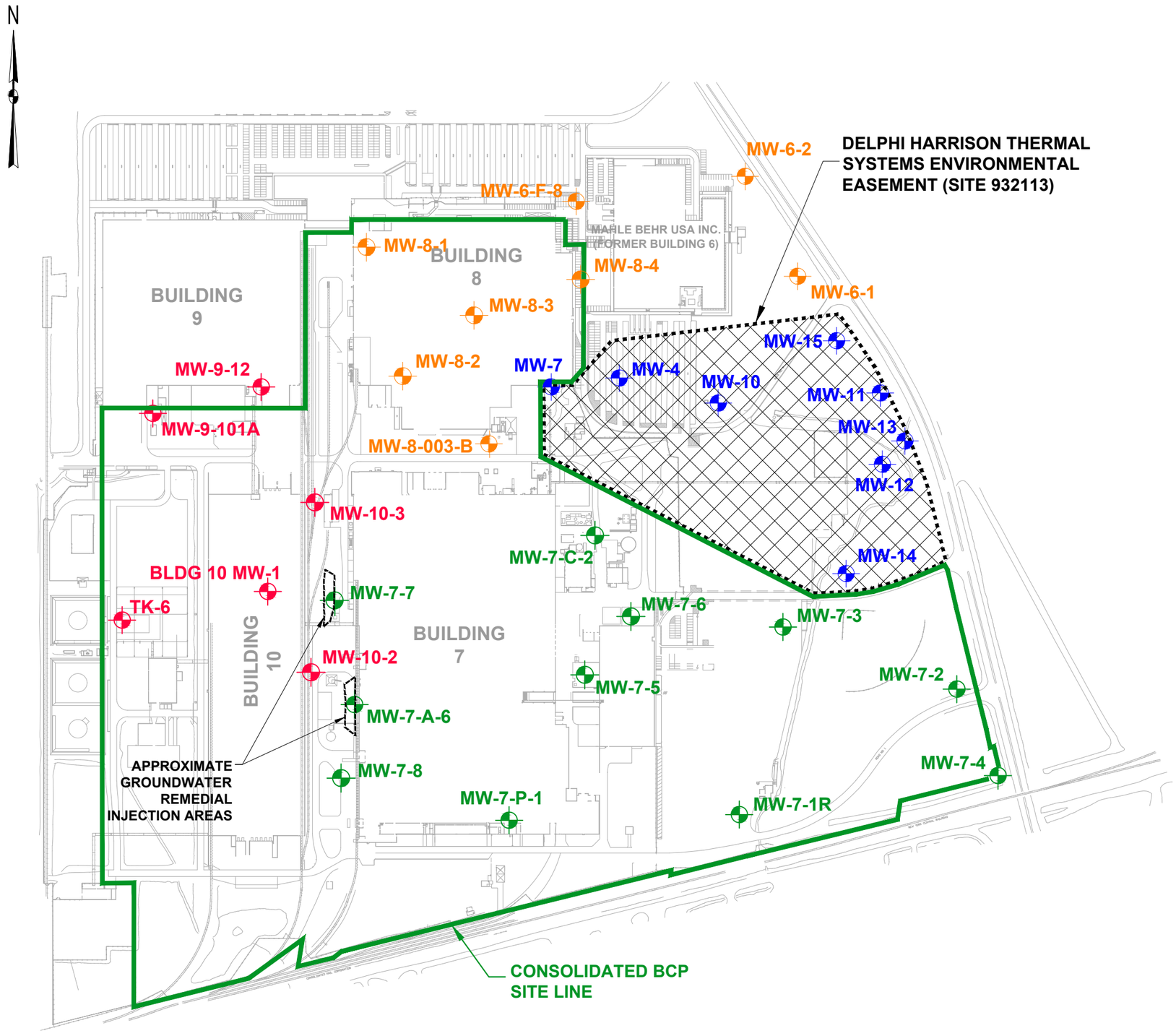
Table 1
Summary of Groundwater Sample Analytical Results
GMCH Lockport Brownfield Cleanup Program
Site No. C932138

Sample Location Sample Date	Class GA Criteria	BUILDING 10 AREA WELLS MW-9-101A 7/24/2024	Q	MW-9-12 8/1/2024	Q	TK-6 7/16/2024	Q	BLDG-10-MW-1 7/24/2024	Q	MW-10-2 7/22/2024	Q	MW-10-3 7/18/2024	Q
VOC Compounds of Concern (ug/L)													
cis-1,2-Dichloroethene	5	ND		ND		ND		ND		190.0		ND	
Tetrachloroethene	5	ND		ND		ND		150,000		21		2.3	
trans-1,2-dichloroethene	5	ND		ND		ND		ND		5.3		ND	
Trichloroethene	5	ND		ND		ND		5,000		25		3.0	
Vinyl Chloride	2	ND		ND		ND		ND		45		ND	
Total VOCs		ND		ND		ND		155,000		286		5.3	
Polycyclic Aromatic Hydrocarbons (PAHs) (ug/L)													
16 PAHs analyzed		ND		ND		NT		NT		NT		NT	
Field Parameters													
Temperature (Deg. C)	NV	22.1		18.4		20.9		22.1		19.9		19.6	
Specific Conductance (mS/cm)	NV	8.163		4.353		6.055		2.916		7.835		1.545	
Dissolved Oxygen (mg/L)	NV	1.44		0.15		2.46		0.49		0.27		0.70	
Oxygen Reduction Potential (mv)	NV	117.8		-157.1		141.5		-28.7		-91.9		113.0	
pH (std. units)	NV	7.00		7.23		7.16		6.75		7.20		7.56	
Turbidity (NTUs)	NV	1.87		19.23		1.80		2.28		8.77		2.80	
Inorganics (mg/L)													
Iron	0.3	ND		0.25		ND		1.0		0.65		0.033	J
Magnesium	35 [Note 4]	79.4		42.8		38.6		100		51.0		25.0	
Manganese	NV	0.028	B	0.29	B	0.0023	J	0.71	B	0.13	^+B	0.0030	^+B
Potassium	NV	19.9		5.8		1.5		4.6		7.8		7.3	
Sodium	20	1,430		611		1,070		145		1,160		136	
Miscellaneous Water Quality Parameters													
Methane (ug/L)	NV	1.2	J B	29		3.9	J	6.7	B	82		ND	
Ethane (ug/L)	NV	1.7	J B	ND		ND		2.5	J B	8.1		ND	
Ethene (ug/L)	NV	1.7	J B	ND		ND		6.0	J B	48		ND	
Carbon Dioxide (ug/L)	NV	38,000		30,000		37,000		70,000		26,000		10,000	
Total Organic Carbon (mg/L)	NV	1.5		ND		2.1	B	3.2		ND		ND	
Alkalinity (mg/L)	NV	297		251		379		305		309		178	
Ammonia (mg/L)	NV	ND		0.15		0.052	F1	0.22	B	0.31	F1	ND	
Chloride (mg/L)	NV	1,910		1,090		1,800		618		2,020		166	
Nitrate (mg/L)	NV	1.4		0.15		0.60		ND		0.045	J	0.86	
Nitrite (mg/L)	NV	ND		ND		ND	J B	ND		ND		ND	
Sulfate (mg/L)	NV	1,070		102		208		232		178		243	
Sulfide (mg/L)	NV	ND		ND		ND		ND		ND		ND	F1

Notes:

1. Only compounds detected in one or more of the groundwater samples are presented in this table.
2. Analytical testing completed by Eurofins in Amherst, New York.
3. Criteria is a guidance value.
4. Laboratory qualifiers: B = compound was found in the blank and sample; J = result is less than the RL but greater than or equal to the MDL and the concentration is an approximation; F1 = MS and/or MSD Recovery is outside acceptance limits; H = sample was prepped or analyzed outside of specified holding time; F2 = MS/MSD Relative Percent Difference (RPD) exceeds control limits.
5. mg/L = parts per million; ug/L = parts per billion
6. NYSDEC Class GA Groundwater Criteria as promulgated in 6 NYCRR 703; Table 1 in Technical and Operational Guidance Series (1.1.1): Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, dated October 1993; revised June 1998; errata dated January 1999; addendum dated April 2000.
7. ND = not detected NV = no value, NT = not tested.
8. Shaded concentrations exceed Class GA criteria.

FIGURES



LEGEND:

- **MW-11** — APPROXIMATE LOCATION AND DESIGNATION OF MONITORING WELLS WITHIN THE DELPHI HARRISON THERMAL SYSTEMS SITE
- **MW-7-2** — APPROXIMATE LOCATION AND DESIGNATION OF MONITORING WELLS ASSOCIATED WITH BUILDING 7
- **MW-6-1** — APPROXIMATE LOCATION AND DESIGNATION OF MONITORING WELLS ASSOCIATED WITH BUILDING 8
- **MW-10-2** — APPROXIMATE LOCATION AND DESIGNATION OF MONITORING WELLS ASSOCIATED WITH BUILDING 10

NOTES:

1. BASE MAP ADAPTED FROM A DRAWING PROVIDED BY DELPHI THERMAL AND INTERIOR SYSTEMS SEPT. 2007.

2. THE SIZE AND LOCATION OF EXISTING SITE FEATURES SHOULD BE CONSIDERED APPROXIMATE.

0 200 400 800

SCALE IN FEET

NO.	ISSUE/DESCRIPTION	BY	DATE

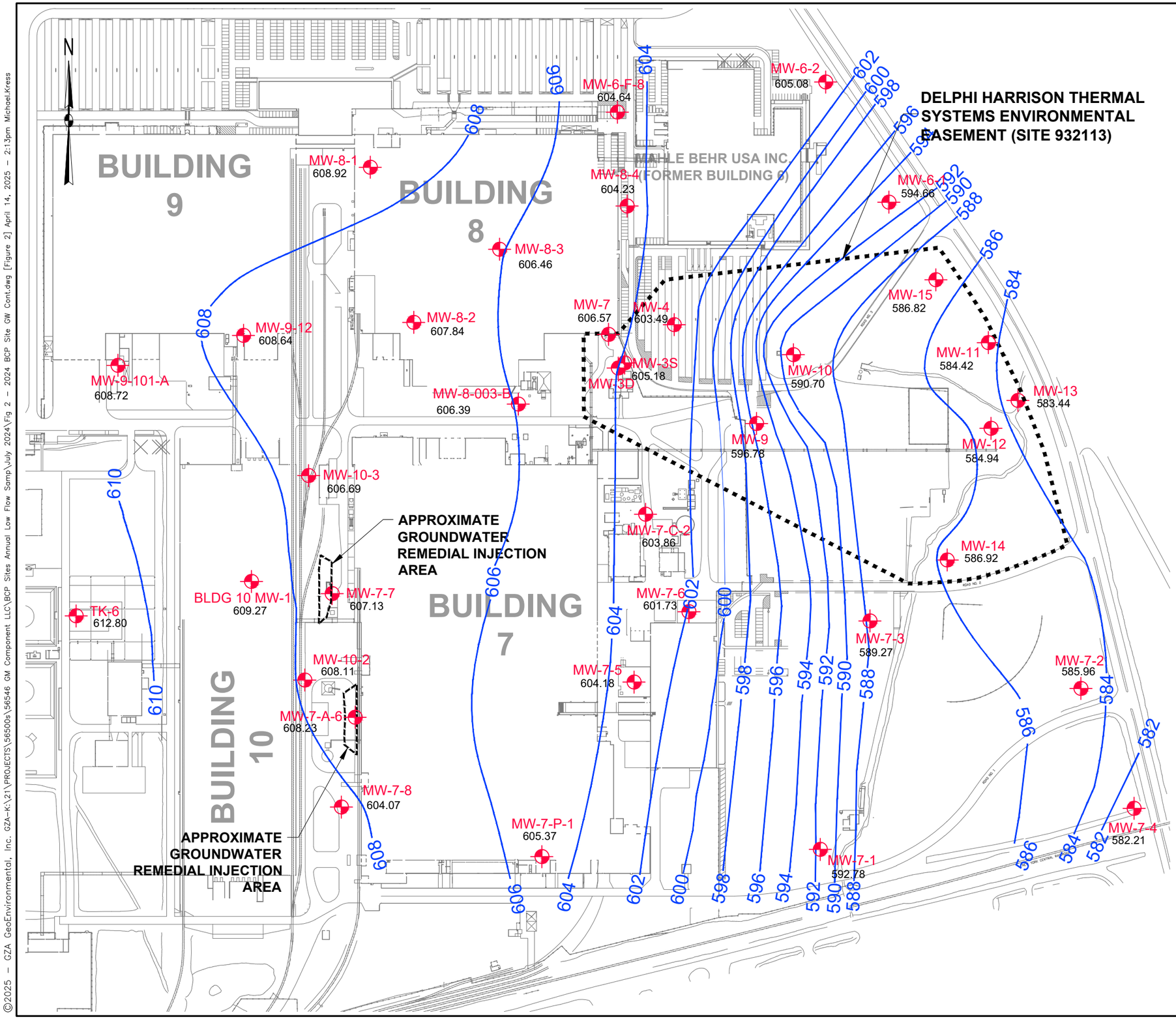
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GM COMPONENTS HOLDINGS, LLC
LOCKPORT, NEW YORK FACILITY

2024 BCP SITE ANNUAL GROUNDWATER MONITORING SITE PLAN

PREPARED BY: GZA GeoEnvironmental of N.Y. Engineers and Scientists www.gza.com		PREPARED FOR: GMCH LOCKPORT FACILITY 200 UPPER MOUNTAIN ROAD LOCKPORT, NEW YORK	
PROJ MGR: TB	REVIEWED BY: TB	CHECKED BY: BAK	FIGURE NO 1
DESIGNED BY:	DRAWN BY: MDK	SCALE: AS SHOWN	
DATE: APRIL 2025	PROJECT NO. 21.0056546.20	REVISION NO.	SHEET NO. 1 OF 4

©2025 – GZA GeoEnvironmental, Inc. GZA–K:\21\PROJECTS\56500s\56546 GM Component LLC\BCP Sites Annual Low Flow Samp\July 2024\Fig 1 & 3 – 2024.dwg [FIGURE 1] April 08, 2025 – 3:01pm Michael.Kress



LEGEND:

MW-7-5 604.18 — APPROXIMATE LOCATION AND DESIGNATION OF MONITORING WELLS SAMPLED JULY 15, 2024 WITH GROUNDWATER ELEVATION (FEET) MEASURED ON 07/15/2024.

586 — GROUNDWATER ELEVATION CONTOUR

NOTES:

1. BASE MAP ADAPTED FROM A DRAWING PROVIDED BY DELPHI THERMAL AND INTERIOR SYSTEMS SEPT. 2007.

2. THE SIZE AND LOCATION OF EXISTING SITE FEATURES SHOULD BE CONSIDERED APPROXIMATE.

3. GROUNDWATER CONTOURS PLOTTED BASED UPON 07/15/2024 GROUNDWATER MEASUREMENTS.

0 150 300 600
SCALE IN FEET

NO.	ISSUE/DESCRIPTION	BY	DATE

UNLESS SPECIFICALLY STATED BY WRITTEN AGREEMENT, THIS DRAWING IS THE SOLE PROPERTY OF GZA GEOENVIRONMENTAL, INC. (GZA). THE INFORMATION SHOWN ON THE DRAWING IS SOLELY FOR USE BY GZA'S CLIENT OR THE CLIENT'S DESIGNATED REPRESENTATIVE FOR THE SPECIFIC PROJECT AND LOCATION IDENTIFIED ON THE DRAWING. THE DRAWING SHALL NOT BE TRANSFERRED, REUSED, COPIED, OR ALTERED IN ANY MANNER FOR USE AT ANY OTHER LOCATION OR FOR ANY OTHER PURPOSE WITHOUT THE PRIOR WRITTEN CONSENT OF GZA. ANY TRANSFER, REUSE, OR MODIFICATION TO THE DRAWING BY THE CLIENT OR OTHERS, WITHOUT THE PRIOR WRITTEN EXPRESS CONSENT OF GZA, WILL BE AT THE USER'S SOLE RISK AND WITHOUT ANY RISK OR LIABILITY TO GZA.

GM COMPONENTS HOLDINGS, LLC
LOCKPORT, NEW YORK FACILITY

2024 BCP SITE ANNUAL GROUNDWATER MONITORING SITEWIDE GROUNDWATER CONTOUR MAP

PREPARED BY:
GZA GeoEnvironmental of N.Y.
Engineers and Scientists
www.gza.com

PREPARED FOR:
GMCH LOCKPORT FACILTY
200 UPPER MOUNTAIN ROAD
LOCKPORT, NEW YORK

PROJ MGR: TB	REVIEWED BY: TB	CHECKED BY: BAK	FIGURE NO. 2
DESIGNED BY: MDK	DRAWN BY: MDK	SCALE: AS SHOWN	
DATE: APRIL 2025	PROJECT NO. 21.0056546.20	REVISION NO.	SHEET NO. 2 OF 4

©2025 – GZA GeoEnvironmental, Inc. GZA-K:\21\PROJECTS\56500s\56546 GM Component LLC\BCP Sites Annual Low Flow Sampl\July 2024\Fig 2 – 2024 BCP Site GW Cont.dwg [Figure 2] April 14, 2025 – 2:13pm Michael.Kress



LEGEND:

- MW-6-1 ND — APPROXIMATE LOCATION AND DESIGNATION OF MONITORING WELLS WITH NON-DETECT LEVELS FOR CHLORINATED SOLVENTS
- MW-8-1 0.94 — APPROXIMATE LOCATION AND DESIGNATION OF MONITORING WELLS WITH TOTAL CHLORINATED SOLVENT LEVELS MEASURING LESS THAN 5 PARTS PER BILLION (ppb)
- MW-15 5.1 — APPROXIMATE LOCATION AND DESIGNATION OF MONITORING WELLS WITH TOTAL CHLORINATED SOLVENT LEVELS MEASURING GREATER THAN 5 PARTS PER BILLION (ppb)

NOTES:

1. BASE MAP ADAPTED FROM A DRAWING PROVIDED BY DELPHI THERMAL AND INTERIOR SYSTEMS SEPT. 2007.
2. THE SIZE AND LOCATION OF EXISTING SITE FEATURES SHOULD BE CONSIDERED APPROXIMATE.
3. GROUNDWATER SAMPLES COLLECTED BETWEEN 7/16/2024 AND 8/1/2024.

0 200 400 800
SCALE IN FEET

NO.	ISSUE/DESCRIPTION	BY	DATE

UNLESS SPECIFICALLY STATED BY WRITTEN AGREEMENT, THIS DRAWING IS THE SOLE PROPERTY OF GZA GEOENVIRONMENTAL, INC. (GZA). THE INFORMATION SHOWN ON THE DRAWING IS SOLELY FOR USE BY GZA'S CLIENT OR THE CLIENT'S DESIGNATED REPRESENTATIVE FOR THE SPECIFIC PROJECT AND LOCATION IDENTIFIED ON THE DRAWING. THE DRAWING SHALL NOT BE TRANSFERRED, REUSED, COPIED, OR ALTERED IN ANY MANNER FOR USE AT ANY OTHER LOCATION OR FOR ANY OTHER PURPOSE WITHOUT THE PRIOR WRITTEN CONSENT OF GZA. ANY TRANSFER, REUSE, OR MODIFICATION TO THE DRAWING BY THE CLIENT OR OTHERS, WITHOUT THE PRIOR WRITTEN EXPRESS CONSENT OF GZA, WILL BE AT THE USER'S SOLE RISK AND WITHOUT ANY RISK OR LIABILITY TO GZA.

GM COMPONENTS HOLDINGS, LLC
LOCKPORT FACILITY

2024 BCP SITE ANNUAL GROUNDWATER MONITORING EXTENT OF CHLORINATED SOLVENT CONTAMINATION

PREPARED BY:
GZA GeoEnvironmental of N.Y.
Engineers and Scientists
www.gza.com

PREPARED FOR:
GM COMPONENTS HOLDINGS,LLC
200 UPPER MOUNTAIN ROAD
LOCKPORT, NEW YORK

PROJ MGR: TB	REVIEWED BY: TB	CHECKED BY: BAK	FIGURE NO 3
DESIGNED BY:	DRAWN BY: MDK	SCALE: AS SHOWN	
DATE: APRIL 2025	PROJECT NO. 21.0056546.20	REVISION NO.	SHEET NO. 3 OF 4

©2025 — GZA GeoEnvironmental, Inc. GZA–K:\21\PROJECTS\56500s\56546 GM Component LLC\BCP Sites Annual Low Flow Samp\July 2024\Fig 1 & 3 – 2024.dwg [FIGURE 3] April 14, 2025 – 1:39pm Michael.Kress

© 2024 – GZA GeoEnvironmental, Inc. GZA–K:\21\PROJECTS\56500s\56546 GM Component LLC\BCP Sites Annual Low Flow Sampling\July 2024\Fig 4 – 2024 BCP VOC Tables.dwg [FIGURE 4 WITH TABLES] April 08, 2025 – 4:03pm Michael.Kress

MW-10-3

Date	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	VC
2014-05-22	14	9	11	ND	ND
2015-05-20	13	7.2	10	ND	ND
2016-05-18	3.4	3	7.2	ND	ND
2017-05-08	2.4	3.8	3.7	ND	ND
2018-05-18	2	2.9	2.1	ND	ND
2019-05-29	3.1	4.5	3.6	ND	ND
2020-07-06	3	3.5	1.2	ND	ND
2021-08-27	13	12	12	ND	ND
2022-09-26	2.9	4.5	1	ND	ND
2023-10-11	2.7	4.9	1.6	ND	ND
2024-07-18	2.3	3.0	ND	ND	ND

MW-9-12

Date	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	VC
2014-05-21	ND	ND	ND	ND	ND
2015-05-21	ND	ND	ND	ND	ND
2016-05-19	ND	ND	ND	ND	ND
2017-05-05	ND	ND	ND	ND	ND
2018-05-31	ND	ND	ND	ND	ND
2019-05-30	ND	ND	ND	ND	ND
2020-07-13	ND	ND	ND	ND	ND
2021-08-31	ND	ND	ND	ND	ND
2022-09-26	ND	ND	ND	ND	ND
2023-10-17	ND	ND	ND	ND	ND
2024-08-01	ND	ND	ND	ND	ND

MW-8-2

Date	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	VC
2014-05-16	ND	110	6400	ND	150
2015-05-22	10	24	1600	ND	ND
2016-05-17	ND	47	5200	16	260
2017-05-02	ND	ND	2800	ND	ND
2018-05-10	ND	ND	1900	ND	110
2019-05-30	ND	ND	3300	ND	58
2020-07-10	ND	11	4500	12	480
2021-08-30	ND	ND	7500	ND	930
2022-09-27	ND	ND	6500	ND	3000
2023-10-09	ND	1400	7700	ND	470
2024-07-25	ND	1100	3700	ND	280

MW-8-3

Date	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	VC
2014-05-16	ND	ND	2.22	ND	ND
2015-05-21	ND	ND	1.8	ND	ND
2016-05-18	ND	3.9	3.4	ND	ND
2017-05-02	ND	ND	1.9	ND	ND
2018-05-11	ND	2.8	3.7	ND	ND
2019-05-31	0.91	1	3.1	ND	ND
2020-07-10	ND	ND	ND	ND	ND
2021-08-30	ND	1.3	6.2	ND	14
2022-09-28	ND	2.8	9.3	ND	25
2023-10-10	ND	7.9	ND	ND	ND
2024-07-26	ND	ND	ND	ND	ND

MW-6-F-8

Date	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	VC
2014-05-30	ND	ND	ND	ND	ND
2015-05-14	ND	ND	ND	ND	ND
2016-05-09	ND	ND	ND	ND	ND
2017-05-01	ND	ND	ND	ND	ND
2018-05-16	ND	ND	ND	ND	ND
2019-05-14	ND	ND	ND	ND	ND
2020-06-29	ND	ND	ND	ND	ND
2021-08-26	ND	ND	ND	ND	ND
2022-09-29	ND	ND	ND	ND	ND
2023-10-06	ND	0.67	ND	ND	ND
2024-07-23	ND	ND	ND	ND	ND

MW-6-2

Date	TCE	PCE	cis-1,2-DCE	trans-1,2-DCE	VC
2014-05-14	ND	ND	ND	ND	ND
2015-05-14	ND	ND	ND	ND	ND
2016-05-09	ND	ND	ND	ND	ND
2017-05-03	ND	ND	ND	ND	ND
2018-05-16	ND	ND	ND	ND	ND
2019-05-21	0.7	ND	ND	ND	ND
2020-06-26	ND	ND	ND	ND	ND
2021-08-24	ND	ND	ND	ND	ND
2022-09-29	ND	ND	ND	ND	ND
2023-10-16	ND	ND	ND	ND	ND
2024-07-23	ND	ND	ND	ND	ND

MW-9-101A

Date	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	VC
2014-05-22	ND	ND	ND	ND	ND
2015-05-21	ND	ND	ND	ND	ND
2016-05-18	ND	ND	ND	ND	ND
2017-05-05	ND	ND	ND	ND	ND
2018-05-29	ND	ND	ND	ND	ND
2019-05-23	ND	ND	ND	ND	ND
2020-07-13	ND	ND	ND	ND	ND
2021-08-31	ND	ND	ND	ND	ND
2022-09-26	ND	ND	ND	ND	ND
2023-10-06	ND	1.1	ND	ND	ND
2024-07-24	ND	ND	ND	ND	ND

MW-8-1

Date	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	VC
2014-05-15	ND	ND	0.88	ND	ND
2015-05-22	ND	ND	ND	ND	ND
2016-05-16	ND	ND	0.9	ND	ND
2017-05-02	ND	0.51	ND	ND	ND
2018-06-01	ND	ND	0.82	ND	ND
2019-05-30	ND	ND	0.87	ND	ND
2020-07-10	ND	ND	0.84	ND	ND
2021-08-30	ND	ND	0.85	ND	ND
2022-09-27	ND	0.76	1.1	ND	ND
2023-10-09	ND	1	ND	ND	ND
2024-07-25	ND	0.94	ND	ND	ND

BLDG-10-MW-1

Date	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	VC
2014-06-03	120000	2300	ND	ND	ND
2015-05-26	120000	2600	ND	ND	ND
2016-05-19	140000	2700	ND	ND	ND
2017-05-10	150000	3400	630	ND	ND
2018-05-31	150000	3600	ND	ND	ND
2019-05-31	160000	4100	ND	ND	ND
2020-07-13	170000	5200	ND	ND	ND
2021-09-01	140000	4100	ND	ND	ND
2022-10-03	140000	4300	ND	ND	ND
2023-10-16	170000	5100	ND	ND	ND
2024-07-24	150000	5000	ND	ND	ND

TK-6

Date	TCE	PCE	cis-1,2-DCE	trans-1,2-DCE	VC
2014-06-02	ND	ND	ND	ND	ND
2015-05-20	ND	ND	ND	ND	ND
2016-05-19	ND	ND	ND	ND	ND
2017-05-10	0.91	ND	ND	ND	ND
2018-05-29	ND	ND	ND	ND	ND
2019-05-23	ND	ND	ND	ND	ND
2020-07-06	ND	ND	ND	ND	ND
2021-08-30	ND	ND	ND	ND	ND
2022-10-03	ND	ND	ND	ND	ND
2023-10-05	ND	ND	ND	ND	ND
2024-07-16	ND	ND	ND	ND	ND

MW-7-7

Date	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	VC
2014-05-29	76000	3400	8700	ND	1800
2015-05-12	70000	3900	13000	ND	3500
2016-05-12	84000	7500	26000	ND	4900
2017-05-09	51000	13000	61000	ND	4900
2018-05-18	23000	24000	26000	ND	8100
2019-05-28	54000	19000	41000	ND	6200
2020-07-07	68000	6800	54000	ND	9600
2021-08-27	67000	5300	39000	ND	8400
2022-10-04	68000	17000	36000	ND	7200
2023-10-13	100000	20000	36000	ND	6000
2024-07-22	100000	14000	28000	ND	6000

MW-10-2

Date	TCE	PCE	cis-1,2-DCE	trans-1,2-DCE	VC
2014-05-22	240	83	1900	24	70
2015-05-19	140	150	1300	18	38
2016-05-17	200	590	1500	20	62
2017-05-08	ND	ND	210	21	2600
2018-05-30	ND	ND	35	22	49
2019-05-29	ND	ND	6.8	7.7	15
2020-07-06	1	ND	140	6.5	98
2021-09-01	ND	ND	19	4.6	33
2022-10-03	0.65	ND	21	1.6	23
2023-10-13	3.6	ND	430	8.2	180
2024-07-22	25	21	190	5.3	45

MW-7-A-6

Date	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	VC
2014-05-30	130000	23000	29000	110	1500
2015-05-18	120000	19000	28000	ND	ND
2016-05-12	170000	17000	28000	ND	ND
2017-05-09	26000	65000	99000	ND	1800
2018-05-18	ND	1100	120000	ND	13000
2019-05-28	1400	1500	160000	ND	18000
2020-07-07	ND	ND	62000	ND	18000
2021-08-27	15000	3200	90000	ND	20000
2022-10-05	48000	8600	200000	ND	110000
2023-10-19	64000	13000	95000	ND	72000
2024-08-01	4600	2800	130000	ND	76000

MW-8-4

Date	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	VC
2014-06-02	ND	5.4	17	ND	3.4
2015-05-12	ND	6.2	42	ND	24
2016-05-09	ND	7.1	42	ND	16
2017-05-01	ND	6.6	43	ND	11
2018-05-11	ND	7.2	44	ND	7
2019-05-14	ND	8.1	48	ND	12
2020-07-02	ND	9.5	60	ND	17
2021-08-25	ND	12	67	ND	29
2022-09-28	ND	5.9	27	ND	10
2023-10-11	ND	11	46	ND	24
2024-07-23	ND	7.7	31	ND	12

MW-8-003-B

Date	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	VC
2014-05-29	55	46	220	ND	31
2015-05-14	83	10	12	ND	ND
2016-05-16	120	23	9.2	ND	ND
2017-05-04	52	7.7	2.6	ND	ND
2018-05-30	240	35	92	ND	7.3
2019-05-29	410	58	150	ND	ND
2020-07-10	1700	ND	ND	ND	ND
2021-08-26	2300	550	1300	ND	170
2022-09-28	2100	350	870	ND	ND
2023-10-10	1200	330	1200	ND	ND
2024-07-18	1000	200	520	ND	74

MW-7-3

Date	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	VC
2014-06-03	ND	ND	5.7	ND	57
2015-05-11	ND	ND	ND	ND	50
2016-05-10	ND	ND	2.6	ND	9.9
2017-05-03	ND	ND	ND	ND	NO
2018-05-17	ND	ND	ND	ND	ND
2019-05-24	ND	1.9	ND	ND	ND
2020-06-30	ND	ND	ND	ND	1.8
2021-08-23	ND	ND	ND	ND	ND
2022-10-05	ND	ND	ND	ND	ND
2023-10-11	ND	ND	ND	ND	ND
2024-07-17	ND	ND	ND	ND	ND

MW-7-2

Date	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	VC
2014-05-23	ND	ND	ND	ND	ND
2015-05-12	ND	ND	ND	ND	ND
2016-05-10	ND	ND	ND	ND	ND
2017-05-10	ND	4	ND	ND	ND
2018-05-17	ND	ND	ND	ND	ND
2019-05-23	ND	0.86	ND	ND	ND
2020-06-30	ND	ND	ND	ND	ND
2021-08-23	ND	ND	ND	ND	ND
2022-10-04	ND	ND	ND	ND	ND
2023-10-17	ND	ND	ND	ND	ND
2024-07-18	ND	ND	ND	ND	ND

MW-6-1

Date	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	VC
2014-05-14	ND	ND	ND	ND	ND
2015-05-13	ND	ND	ND	ND	ND
2016-05-09	ND	ND	ND	ND	ND
2017-05-03	ND	ND	ND	ND	ND
2018-05-16	ND	ND	ND	ND	ND
2019-05-21	ND	ND	ND	ND	ND
2020-06-29	ND	ND	ND	ND	ND
2021-08-24	ND	ND	ND	ND	ND
2022-09-29	ND	ND	ND	ND	ND
2023-10-16	ND	ND	ND	ND	ND
2024-07-16	ND	ND	ND	ND	ND

MW-7-C-2

Date	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	VC
2014-05-28	ND	ND	410	ND	12
2015-05-15	ND	ND	390	ND	36
2016-05-11	ND	ND	540	ND	60
2017-05-04	ND	ND	340	ND	15
2018-05-30	ND	ND	490	ND	48
2019-05-28	ND	ND	390	ND	22
2020-07-09	ND	ND	220	ND	28
2021-08-25	ND	ND	310	ND	44
2022-10-04	ND	ND	300	ND	140
2023-10-10	ND	ND	540	ND	81
2024-07-18	ND	ND	540	ND	160

MW-7-P-1

Date	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	VC
2014-05-16	ND	0.78	2.4	3	8.2
2015-05-26	ND	0.93	2	2.3	7.4
2016-05-13	ND	ND	ND	2.7	2.9
2017-05-05	ND	ND	ND	2.1	1.4
2018-06-01	0.36	ND	ND	1.3	0.91
2019-05-31	ND	ND	ND	2.22	1.8
2020-07-13	ND	ND	1.2	2.8	1.7
2021-09-01	ND	0.46	1.7	1.5	1.6
2022-10-06	ND	ND	2	2.4	2.3
2023-10-18	ND	ND	ND	2.4	ND
2024-07-16	ND	ND	2.7	ND	3.9

MW-7-1R

Date	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	VC
2014-05-27	ND	ND	ND	ND	ND
2015-05-11	ND	ND	ND	ND	ND
2016-05-10	ND	ND	ND	ND	ND
2017-05-04	ND	ND	ND	ND	ND
2018-05-17	ND	ND	ND	ND	ND
2019-05-24	ND	ND	ND	ND	ND
2020-07-02	ND	ND	ND	ND	ND
2021-08-23	ND	ND	ND	ND	ND
2022-09-22	ND	ND	ND	ND	ND
2023-10-11	ND	ND	ND	ND	ND
2024-07-17	ND	ND	ND	ND	ND

MW-7-8

Date	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	VC
2014-05-29	180	110	84	ND	7.1
2015-05-18	140	43	790	3.8	32
2016-05-13	95	59	81	ND	3.6
2017-05-09	150	57	820	ND	63
2018-05-30	1400	510	570	ND	90
2019-05-31	50	30	930	ND	390
2020-07-09	ND	ND	ND	ND	ND
2021-08-26	670	300	410	ND	180
2022-10-07	820	340	440	ND	220
2023-10-17	710	220	410	ND	590
2024-07-24	470	190	360	ND	370

MW-7-5

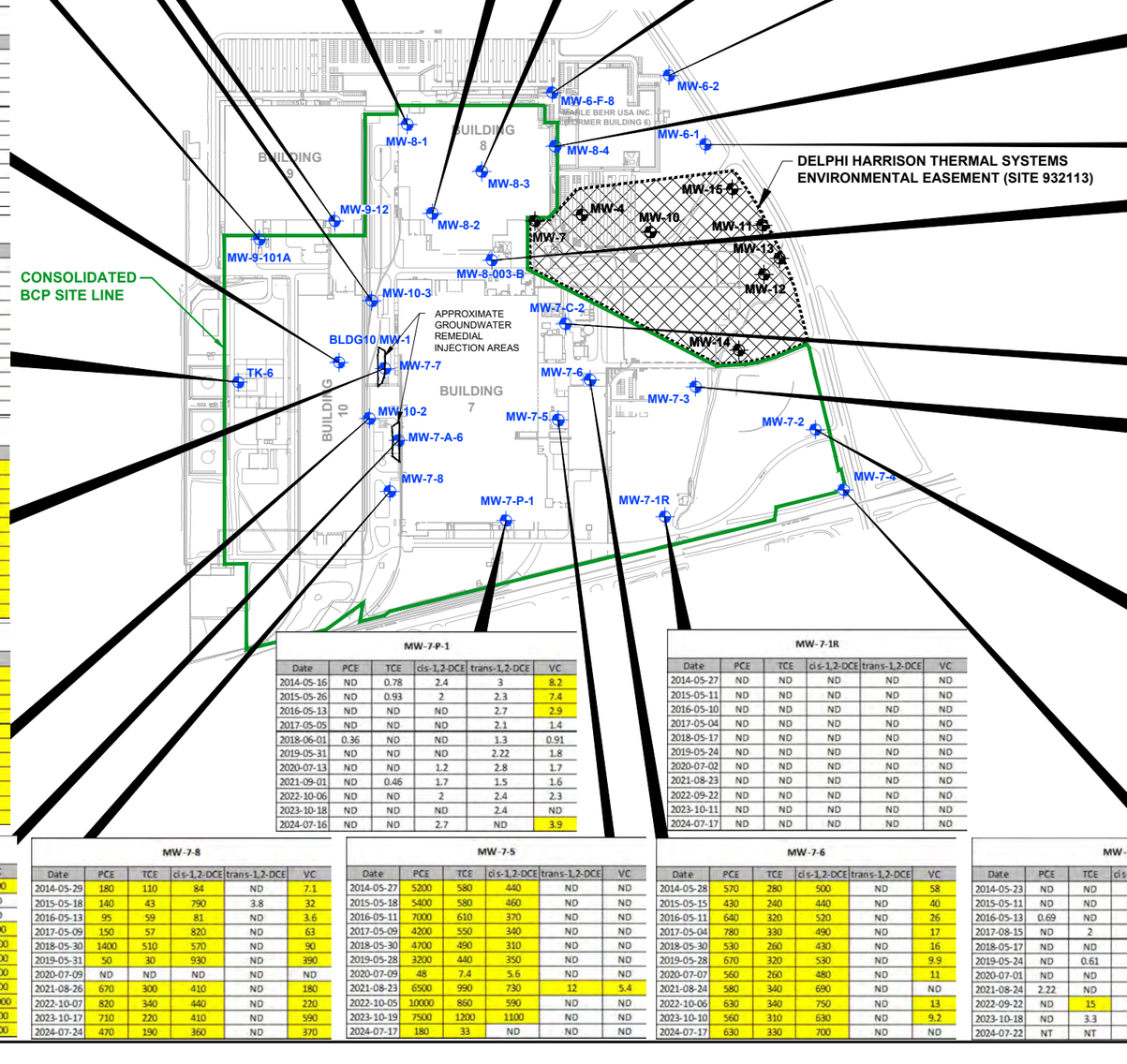
Date	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	VC
2014-05-27	5200	580	440	ND	ND
2015-05-18	5400	580	460	ND	ND
2016-05-11	7000	610	370	ND	ND
2017-05-09	4200	550	340	ND	ND
2018-05-30	4700	490	310	ND	ND
2019-05-28	3200	440	350	ND	ND
2020-07-09	48	7.4	5.6	ND	ND
2021-08-23	6500	990	730	12	5.4
2022-10-05	10000	860	590	ND	ND
2023-10-19	7500	1200	1100	ND	ND
2024-07-17	180	33	ND	ND	ND

MW-7-6

Date	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	VC
2014-05-28	570	280	500	ND	58
2015-05-15	430	240	440	ND	40
2016-05-11	640	320	520	ND	26
2017-05-04	780	330	490	ND	17
2018-05-30	530	260	430	ND	16
2019-05-28	670	320	530	ND	9.9
2020-07-07	560	260	480	ND	11
2021-08-24	580	340	690	ND	ND
2022-10-06	630	340	750	ND	13
2023-10-10	560	310	630	ND	9.2
2024-07-17	630	330	700	ND	ND

MW-7-4

Date	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	VC
2014-05-23	ND	ND	ND	ND	ND
2015-05-11	ND	ND	ND	ND	ND
2016-05-13	0.69	ND	ND	ND	ND
2017-08-15	ND	2	ND	ND	ND
2018-05-17	ND	ND	ND	ND	ND
2019-05-24	ND	0.61	ND	ND	ND
2020-07-01	ND	ND	ND	ND	ND
2021-08-24	2.22	ND	ND	ND	ND
2022-09-22	ND	15	ND	ND	ND
2023-10-18	ND	3.3	ND	ND	ND
2024-07-22	NT	NT	NT	NT	NT



N
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S

LEGEND:

MW-6-1 APPROXIMATE LOCATION AND DESIGNATION OF BCP MONITORING WELLS

MW-10 APPROXIMATE LOCATION AND DESIGNATION OF DELPHI HARRISON THERMAL SYSTEMS MONITORING WELLS

NOTES:

1. BASE MAP ADAPTED FROM A DRAWING PROVIDED BY DELPHI THERMAL AND INTERIOR SYSTEMS SEPT. 2007.
2. THE SIZE AND LOCATION OF EXISTING SITE FEATURES SHOULD BE CONSIDERED APPROXIMATE.
3. TABLE VALUES HIGHLIGHTED IN YELLOW INDICATE EXCEEDANCES OF THE NYSDEC CLASS GA GROUNDWATER STANDARDS.

0 750 1500

SCALE IN FEET

NO.	ISSUE/DESCRIPTION	BY	DATE

UNLESS SPECIFICALLY STATED BY WRITTEN AGREEMENT, THIS DRAWING IS THE SOLE PROPERTY OF GZA GEOENVIRONMENTAL, INC. (GZA). THE INFORMATION SHOWN ON THE DRAWING IS SOLELY FOR USE BY GZA'S CLIENT OR THE CLIENT'S DESIGNATED REPRESENTATIVE FOR THE SPECIFIC PROJECT AND LOCATION IDENTIFIED ON THE DRAWING. THE DRAWING SHALL NOT BE TRANSFERRED, REUSED, COPIED, OR ALTERED IN ANY MANNER FOR USE AT ANY OTHER LOCATION OR FOR ANY OTHER PURPOSE WITHOUT THE PRIOR WRITTEN CONSENT OF GZA. ANY TRANSFER, REUSE, OR MODIFICATION TO THE DRAWING BY THE CLIENT OR OTHERS, WITHOUT THE PRIOR WRITTEN EXPRESS CONSENT OF GZA, WILL BE AT THE USER'S SOLE RISK AND WITHOUT ANY RISK OR LIABILITY TO GZA.

GM COMPONENTS HOLDINGS, LLC
LOCKPORT FACILITY

SUMMARY OF BCP SITE ANNUAL GROUNDWATER MONITORING RESULTS TO DATE

PREPARED BY:
GZA GeoEnvironmental of N.Y.
Engineers and Scientists
www.gza.com

PREPARED FOR:
GM COMPONENTS HOLDINGS,LLC
200 UPPER MOUNTAIN ROAD
LOCKPORT, NEW YORK

PROJ MGR: TB	REVIEWED BY: TB	CHECKED BY: BAK	FIGURE NO 4
DESIGNED BY: TAK	DRAWN BY: MDK	SCALE: AS SHOWN	
DATE: APRIL 2025	PROJECT NO. 21.0056546.20	REVISION NO.	SHEET NO. 4 OF 4

APPENDIX A

MONITORING WELL OBSERVATIONS AND GROUNDWATER SAMPLING LOGS

SAMPLE COLLECTION DATA SHEET - GROUNDWATER SAMPLING PROGRAM

PROJECT NAME: GMCH Lockport - Annual BCP GW Samp. PROJECT NO.: 56-546.20 T. 4

SAMPLING CREW MEMBERS: M. Brown SUPERVISOR: Richard Bohlen

DATE OF SAMPLE COLLECTION: 07-16-24 | 08-01-24

[Note: For 2" dia. well, 1 ft. = 0.14 gal (imp) or 0.16 gal (us)]

Sample I.D. Number	Well No.	Measuring Point Elev. (ft. AMSL)	Bottom Depth (ft. btoc)	Water Depth (ft. btoc)	Water Elevation (ft. AMSL)	Well Volume (gallons)	Bailer Volume No. Bails	Volume Purged (gallons)	Field pH	Field Temp.	Field Cond.	Time	Sample Description & Analysis
MW-7-1-071724	MW-7-1	596.96	22.5	4.04	592.92	3.0		0.7	6.76	20.5	8.416	1100	VOC MNA
MW-7-2-071824	MW-7-2	592.57	21.65	6.58	585.99	2.5		1.3	7.39	16.0	1.362	1130	"
MW-7-3-071724	MW-7-3	593.03	24.95	3.65	589.38	3.5		1.0	6.78	19.7	23.378	1600	"
MW-7-4-	MW-7-4	593.53	21.96	11.45	582.08	1.6		1.4	7.22	16.2	1.749	NS	"
MW-7-5-071724	MW-7-5	610.96	21.91	7.14	603.82	2.4		0.6	7.44	18.3	1.149	1400	"
MW-7-6-071724	MW-7-6	606.30	16.53	4.02	602.28	2.0		0.9	7.03	18.1	12.869	1300	"
MW-7-7-071724	MW-7-7	610.24	32.06	2.67	607.57	4.8		1.0	6.88	18.7	10.270	1600	"
MW-7-8-071724	MW-7-8	610.92	19.43	6.23	604.69	2.2		2.8	6.79	18.6	14.936	1415	"

Additional Comments: MW-7-4 not sampled due to lack of GW recovery after 48 hours after initial purge. (NS- Not Sampled)

Copies to:

FMG MODIFICATIONS MUST BE ACCOMPANIED BY A REVISION REQUEST FORM APPROVED BY THE PROJECT MANAGER

SAMPLE COLLECTION DATA SHEET - GROUNDWATER SAMPLING PROGRAM

PROJECT NAME: 6MCH Lockport - Annual BCP GW Sampling

PROJECT NO.: 56546.20 T. 4

SAMPLING CREW MEMBERS: M. Brown

SUPERVISOR: ~~Richter~~ Bohlen

DATE OF SAMPLE COLLECTION: 07/16/24 - 08/01/24

[Note: For 2" dia. well, 1 ft. = 0.14 gal (imp) or 0.16 gal (us)]

Sample I.D. Number	Well No.	Measuring Point Elev. (ft. AMSL)	Bottom Depth (ft. btoc)	Water Depth (ft. btoc)	Water Elevation (ft. AMSL)	Well Volume (gallons)	Bailer Volume No. Bails	Volume Purged (gallons)	Field pH	Field Temp.	Field Cond.	Time	Sample Description & Analysis
MW-7-A-6-080124	MW-7-A-6	610.72	14.09	2.49	608.23	1.9	/	0.8	6.34	20.4	3.289	1000	"
MW-7-C-2-071824	MW-7-C-2	608.96	24.04	5.15	603.81	3.1	/	0.6	6.94	17.5	2.678	1315	"
MW-7-P-1 071624	MW-7-P-1	—	19.84	8.72	—	1.8	/	1.0	6.49	21.1	15.406	1300	"
							/						
							/						
							/						
							/						
							/						

Additional Comments:

Copies to:

FMG MODIFICATIONS MUST BE ACCOMPANIED BY A REVISION REQUEST FORM APPROVED BY THE PROJECT MANAGER

PID @ TOR = 0.0 PID @ breathing space = 0.0

MONITORING WELL RECORD FOR LOW-FLOW PURGING

Project Data:

Project Name: GMCH Lockport BCP Annual GW Sampling
Ref. No.: 56546.20 Task 4
Date: 7/17/24
Personnel:

Monitoring Well Data:

Well No.: MW-7-1R
Measurement Point: TOR
Constructed Well Depth (ft): 23.7
Measured Well Depth (ft): 22.50
Depth of Sediment (ft): 1.2

Screen Length (ft): 10'
Depth to Pump Intake (ft)[1]: ~17
Well Diameter, D (in): 2
Well Screen Volume, V_s (mL)[2]: 3.0
Initial Depth to Water (ft): 4.04

Time	Pumping Rate (mL/min)	Depth to Water (ft)	Drawdown from Initial Water Level[3] (ft)	pH	Temperature °C	Conductivity (mS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	Volume Purged, Vp (mL)	No. of Well Screen Volumes Purged[4]
1030	0.8*	4.29		6.64	20.4	8.391	168.9	2.00	2.83	0.0	
1035		4.36		6.68	20.7	8.425	166.1	1.14	3.44	0.1	
1040		4.44		6.72	20.8	8.444	161.8	0.78	7.60	0.7	
1045		4.48		6.74	20.7	8.436	159.6	0.65	13.91	0.3	
1050		4.51		6.75	20.6	8.420	157.9	0.52	24.51	0.4	
1055		4.55		6.76	20.5	8.476	156.5	0.48	25.70	0.5	

Notes:

(1) The pump intake will be placed at the well screen mid-point or at a minimum of 2 ft above any sediment accumulated at the well bottom.

(2) The well screen volume will be based on a 5-foot screen length, $V_s = p*(D/2)^2*(5*12)*(2.54)^3$

(3) The drawdown from the initial water level should not exceed 0.3 ft.

(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stablization criteria and appear to be stablizing), No. of Well Screen Volumes Purged= Vp/Vs.

* Lowest Pump setting.

WELL PURGING FIELD INFORMATION FORM

JOB# 565462-0

SITE/PROJECT NAME: GMCH Lockport BCP Annual GW Sampling

WELL# MW-7-11

WELL PURGING INFORMATION

PURGE DATE (MM DD YY)	SAMPLE DATE (MM DD YY)	WATER VOL IN CASING (LITRES/GALLONS)	ACTUAL VOLUME PURGED (LITRES/GALLONS)
07/17/24	07/17/24	13.0	10.7

PURGING AND SAMPLING EQUIPMENT

PURGING EQUIPMENT: DEDICATED (Y) N (CIRCLE ONE)

SAMPLING EQIPMENT: DEDICATED (Y) N (CIRCLE ONE)

PURGING DEVICE	B	A - SUBMERSIBLE PUMP B - PERISTALTIC PUMP	D - GAS LIFT PUMP E - PURGE PUMP	G - BAILER H - WATERRA®	X- PURGING OTHER (SPECIFY)
SAMPLING DEVICE	B	C - BLADDER PUMP	F - DIPPER BOTTLE		X- SAMPLING OTHER (SPECIFY)
PURGING DEVICE	E	A - TEFLON B - STAINLESS STEEL	D - PVC E - POLYETHYLENE		X- PURGING OTHER (SPECIFY)
SAMPLING DEVICE	E	C - POLYPROPYLENE			X- SAMPLING OTHER (SPECIFY)
PURGING DEVICE	E	A - TEFLON B - TYGON	D - POLYPROPYLENE E - POLYETHYLENE	F - SILICONE G - COMBINATION TEFLON/ POLYPROPYLENE	X- PURGING OTHER (SPECIFY)
SAMPLING DEVICE	E	C - ROPE	X- (SPECIFY)		X- SAMPLING OTHER (SPECIFY)
FILTERING DEVICES 0.45		A - IN-LINE DISPOSABLE	B - PRESSURE	C - VACUUM	

FIELD MEASUREMENTS

WELL ELEVATION	596.916 (m/ft)	GROUNDWATER ELEVATION	592.92 (m/ft)
DEPTH TO WATER	4.014 (m/ft)	WELL DEPTH	7.250 (m/ft)

pH	TURBIDITY	CONDUCTIVITY	ORP	DO	SAMPLE TEMPERATURE
(std)	(ntu)	(µmS/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µmS/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µmS/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µmS/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µmS/cm) AT 25°C	(mV)	(mg/L)	(°C)

FIELD COMMENTS

SAMPLE APPEARANCE: Good ODOR: None COLOR: Clear TURBIDITY: Non

WEATHER CONDITIONS: WIND SPEED: 5-10 DIRECTION: SW PRECIPITATION Y/N OUTLOOK: N

SPECIFIC COMMENTS:

I CERTIFY THAT SAMPLING PROCEDURES WERE IN ACCORDANCE WITH APPLICABLE GSI PROTOCOLS

DATE	PRINT	SIGNATURE
7/17/24	Maryann Brown	

FMG MODIFICATIONS MUST BE ACCOMPANIED BY A REVISION REQUEST FORM APPROVED BY THE PROJECT MANAGER

PID @ TOR = 0.0 PID @ breathing space = 0.0

MONITORING WELL RECORD FOR LOW-FLOW PURGING

Project Data:

Project Name: GMCH Lockport BCP Annual GW Sampling
Ref. No.: 56546.20 Task 4

Date: 7/17/24 - 7/18/24
Personnel: M Brown

Monitoring Well Data:

Well No.: MW-7-2
Measurement Point: TOR
Constructed Well Depth (ft): 20
Measured Well Depth (ft): 21.65
Depth of Sediment (ft): -

Screen Length (ft): 10
Depth to Pump Intake (ft)[1]: ~15
Well Diameter, D (in): 2
Well Screen Volume, V_s (mL)[2]: 2.5
Initial Depth to Water (ft): 6.46 - 6.58

Time	Pumping Rate (mL/min).	Depth to Water (ft)	Drawdown from Initial Water Level[3] (ft)	pH	Temperature °C	Conductivity (mS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	Volume Purged, Vp (mL)	No. of Well Screen Volumes Purged[4]
7/17/24 0953	Purged dry	7.18		7.19	15.4	1.163	135.7	2.40	7.93	0.1	
1000		9.10		7.17	15.7	1.158	137.6	1.16	33.18	0.3	
1005		10.96		7.20	16.3	1.155	134.8	1.54	45.48	0.7	
1010		12.09		7.22	16.2	1.153	133.3	1.77	48.89	0.9	
1015	DRY	9.78		7.23	15.9	1.153	132.7	1.98	54.00	1.1	
7/18/24 1113	80	6.94		7.39	16.0	1.362	102.1	1.68	2.07	0.1	

Notes:

(1) The pump intake will be placed at the well screen mid-point or at a minimum of 2 ft above any sediment accumulated at the well bottom.

(2) The well screen volume will be based on a 5-foot screen length, $V_s = p*(D/2)^2*(5*12)*(2.54)^3$

(3) The drawdown from the initial water level should not exceed 0.3 ft.

(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stablization criteria and appear to be stablizing), No. of Well Screen Volumes Purged= Vp/Vs.

WELL PURGING FIELD INFORMATION FORM

JOB# 5 6 5 4 6 - 2 0

SITE/PROJECT NAME: 6MCH Lockport BCP Annual GW Sampling

WELL# M W - 7 - 2

WELL PURGING INFORMATION

PURGE DATE (MM DD YY)	SAMPLE DATE (MM DD YY)	WATER VOL IN CASING (LITRES/GALLONS)	ACTUAL VOLUME PURGED (LITRES/GALLONS)
7 16 24	7 18 24	12.5	13

PURGING AND SAMPLING EQUIPMENT

PURGING EQUIPMENT ...DEDICATED (Y) N (CIRCLE ONE)

SAMPLING EQIPMENT ...DEDICATED (Y) N (CIRCLE ONE)

PURGING DEVICE	B	A - SUBMERSIBLE PUMP B - PERISTALTIC PUMP	D - GAS LIFT PUMP E - PURGE PUMP	G - BAILER H - WATERRA®	X- PURGING OTHER (SPECIFY)
SAMPLING DEVICE	B	C - BLADDER PUMP	F - DIPPER BOTTLE		X- SAMPLING OTHER (SPECIFY)
PURGING DEVICE	E	A - TEFLON B - STAINLESS STEEL	D - PVC E - POLYETHYLENE		X- PURGING OTHER (SPECIFY)
SAMPLING DEVICE	E	C - POLYPROPYLENE			X- SAMPLING OTHER (SPECIFY)
PURGING DEVICE	E	A - TEFLON B - TYGON	D - POLYPROPYLENE E - POLYETHYLENE	F - SILICONE G - COMBINATION TEFLON/ POLYPROPYLENE	X- PURGING OTHER (SPECIFY)
SAMPLING DEVICE	E	C - ROPE	X- (SPECIFY)		X- SAMPLING OTHER (SPECIFY)
FILTERING DEVICES 0.45		A - IN-LINE DISPOSABLE	B - PRESSURE	C - VACUUM	

FIELD MEASUREMENTS

WELL ELEVATION	591257 (m/ft)	GROUNDWATER ELEVATION	(m/ft)
DEPTH TO WATER	(m/ft)	WELL DEPTH	(m/ft)

pH	TURBIDITY	CONDUCTIVITY	ORP	DO	SAMPLE TEMPERATURE
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)

FIELD COMMENTS

SAMPLE APPEARANCE: Good ODOR: Clear/slight Solvat COLOR: Odor TURBIDITY: mild

WEATHER CONDITIONS: WIND SPEED: 0-10 DIRECTION: NW PRECIPITATION Y/N OUTLOOK: N

SPECIFIC COMMENTS:

I CERTIFY THAT SAMPLING PROCEDURES WERE IN ACCORDANCE WITH APPLICABLE GSI PROTOCOLS

DATE	PRINT	SIGNATURE
7/18/24	Morgan Brown	

FMG MODIFICATIONS MUST BE ACCOMPANIED BY A REVISION REQUEST FORM APPROVED BY THE PROJECT MANAGER

PID @ TOR = 0.0 PID @ breathing space = 0.0

MONITORING WELL RECORD FOR LOW-FLOW PURGING

Project Data:

Project Name: GMCH Lockport BCP Annual GW Sampling
Ref. No.: 56546.20 Task 4

Date: 7/17/24
Personnel: M. Brown

Monitoring Well Data:

Well No.: MW-7-3
Measurement Point: TOR
Constructed Well Depth (ft): 25
Measured Well Depth (ft): 24.95
Depth of Sediment (ft): 0.05

Screen Length (ft): 15 - 25 = 10
Depth to Pump Intake (ft)[1]: 20
Well Diameter, D (in): 2
Well Screen Volume, V_s (mL)[2]: 3.5
Initial Depth to Water (ft): 3.65

Time	Pumping Rate (mL/min)	Depth to Water (ft)	Drawdown from Initial Water Level[3] (ft)	pH	Temperature °C	Conductivity (mS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	Volume Purged, Vp (mL)	No. of Well Screen Volumes Purged[4]
1510	80	4.07		6.58	20.8	23.960	-41.1	1.05	4.10	0.0	
1515		4.94		6.70	20.2	23.865	-57.2	0.40	5.93	0.35	
1520		5.30		6.71	20.3	23.841	-47.6	0.33	4.82	0.3	
1525		5.42		6.72	20.3	23.787	-46.7	0.29	4.92	0.45	
1530		5.85		6.72	19.9	23.744	-50.0	0.27	4.60	0.55	
1535		6.21		6.75	19.5	23.666	-58.6	0.23	4.70	0.65	
1540		6.50		6.73	19.7	23.468	-64.4	0.20	3.96	0.75	
1545		6.63		6.73	19.9	23.397	-70.7	0.21	3.36	0.85	
1550		6.65		6.73	19.7	23.378	-73.4	0.21	4.03	1.0	

Notes:

(1) The pump intake will be placed at the well screen mid-point or at a minimum of 2 ft above any sediment accumulated at the well bottom.

(2) The well screen volume will be based on a 5-foot screen length, $V_s = p*(D/2)^2*(5*12)*(2.54)^3$

(3) The drawdown from the initial water level should not exceed 0.3 ft.

(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stablization criteria and appear to be stablizing), No. of Well Screen Volumes Purged= Vp/Vs.

WELL PURGING FIELD INFORMATION FORM

JOB# 5 6 5 4 6 - 2 0

SITE/PROJECT NAME: GMCH Lockport BCP Annual GW Sampling

WELL# M W - 7 - 3

WELL PURGING INFORMATION

PURGE DATE (MM DD YY)	SAMPLE DATE (MM DD YY)	WATER VOL IN CASING (LITRES/GALLONS)	ACTUAL VOLUME PURGED (LITRES/GALLONS)
07 17 24	07 17 24	8.5	10

PURGING AND SAMPLING EQUIPMENT

PURGING EQUIPMENT: DEDICATED (Y) N (CIRCLE ONE)

SAMPLING EQUIPMENT: DEDICATED (Y) N (CIRCLE ONE)

PURGING DEVICE	B	A - SUBMERSIBLE PUMP B - PERISTALTIC PUMP	D - GAS LIFT PUMP E - PURGE PUMP	G - BAILER H - WATERRA®	X- PURGING OTHER (SPECIFY)
SAMPLING DEVICE	B	C - BLADDER PUMP	F - DIPPER BOTTLE		X- SAMPLING OTHER (SPECIFY)
PURGING DEVICE	E	A - TEFLON B - STAINLESS STEEL	D - PVC E - POLYETHYLENE		X- PURGING OTHER (SPECIFY)
SAMPLING DEVICE	E	C - POLYPROPYLENE			X- SAMPLING OTHER (SPECIFY)
PURGING DEVICE	E	A - TEFLON B - TYGON	D - POLYPROPYLENE E - POLYETHYLENE	F - SILICONE G - COMBINATION TEFLON/ POLYPROPYLENE	X- PURGING OTHER (SPECIFY)
SAMPLING DEVICE	E	C - ROPE	X- (SPECIFY)		X- SAMPLING OTHER (SPECIFY)
FILTERING DEVICES 0.45		A - IN-LINE DISPOSABLE	B - PRESSURE	C - VACUUM	

FIELD MEASUREMENTS

WELL ELEVATION	591303 (m/ft)	GROUNDWATER ELEVATION	581938 (m/ft)
DEPTH TO WATER	36.5 (m/ft)	WELL DEPTH	21.49 (m/ft)

pH	TURBIDITY	CONDUCTIVITY	ORP	DO	SAMPLE TEMPERATURE
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)

FIELD COMMENTS

SAMPLE APPEARANCE: (Good) ODOR: none COLOR: clear TURBIDITY: none

WEATHER CONDITIONS: WIND SPEED: 5-15 DIRECTION: SW PRECIPITATION Y/N OUTLOOK: Y

SPECIFIC COMMENTS:

I CERTIFY THAT SAMPLING PROCEDURES WERE IN ACCORDANCE WITH APPLICABLE GSI PROTOCOLS

DATE	PRINT	SIGNATURE
7/17/24	Morgan Brown	

FMG MODIFICATIONS MUST BE ACCOMPANIED BY A REVISION REQUEST FORM APPROVED BY THE PROJECT MANAGER

PID @ TOR = 0.0 PID @ breathing space = 0.0

MONITORING WELL RECORD FOR LOW-FLOW PURGING

Project Data:

Project Name: GMCH Lockport BCP Annual GW Sampling
Ref. No.: 56546.20 Task 4
Date: 7/22/24
Personnel: N. Brown

Monitoring Well Data:

Well No.: MW-7-4
Measurement Point: TOR
Constructed Well Depth (ft): 19.0
Measured Well Depth (ft): 21.46
Depth of Sediment (ft): —

Screen Length (ft): 10
Depth to Pump Intake (ft)[1]: ~17
Well Diameter, D (in): 2
Well Screen Volume, V_s (mL)[2]: 3.6
Initial Depth to Water (ft): 11.45

Time	Pumping Rate (mL/min)	Depth to Water (ft)	Drawdown from Initial Water Level[3] (ft)	pH	Temperature °C	Conductivity (mS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	Volume Purged, Vp (mL)	No. of Well Screen Volumes Purged[4]
0920		12.28		7.13	15.9	1.865	132.5	2.38	16.33	0.0	
0925		12.46		7.14	15.4	1.857	132.2	1.91	17.91	0.1	
0930		13.00		7.10	15.7	1.861	126.8	1.70	17.08	0.2	
0935		13.41		7.16	15.8	1.857	123.4	1.61	17.89	0.4	
0940		15.35		7.16	15.3	1.855	118.0	1.50	17.85	0.7	
0945		15.98		7.17	15.0	1.858	115.7	1.49	20.33	0.9	
0955		16.05		7.17	15.6	1.857	111.4	1.55	17.90	1.1	
1000	DRY	17.56		7.22	16.2	1.749	107.8	1.65	18.25	1.4	

Notes:

(1) The pump intake will be placed at the well screen mid-point or at a minimum of 2 ft above any sediment accumulated at the well bottom.

(2) The well screen volume will be based on a 5-foot screen length, $V_s = p*(D/2)^2*(5*12)*(2.54)^3$

(3) The drawdown from the initial water level should not exceed 0.3 ft.

(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stablization criteria and appear to be stablizing), No. of Well Screen Volumes Purged= Vp/Vs.

WELL PURGING FIELD INFORMATION FORM

JOB# 516546 - 20

SITE/PROJECT NAME: GMCH Lockport BCP Annual GW Sampling

WELL# MW-7-4

WELL PURGING INFORMATION

PURGE DATE (MM DD YY)	SAMPLE DATE (MM DD YY)	WATER VOL IN CASING (LITRES/GALLONS)	ACTUAL VOLUME PURGED (LITRES/GALLONS)
07/22/24		1.6	14

PURGING AND SAMPLING EQUIPMENT

PURGING EQUIPMENT ... DEDICATED (Y) N (CIRCLE ONE)

SAMPLING EQIPMENT ... DEDICATED (Y) N (CIRCLE ONE)

PURGING DEVICE	B	A - SUBMERSIBLE PUMP B - PERISTALTIC PUMP	D - GAS LIFT PUMP E - PURGE PUMP	G - BAILER H - WATERRA®	X- PURGING OTHER (SPECIFY)
SAMPLING DEVICE	B	C - BLADDER PUMP	F - DIPPER BOTTLE		X- SAMPLING OTHER (SPECIFY)
PURGING DEVICE	E	A - TEFLON B - STAINLESS STEEL	D - PVC E - POLYETHYLENE		X- PURGING OTHER (SPECIFY)
SAMPLING DEVICE	E	C - POLYPROPYLENE			X- SAMPLING OTHER (SPECIFY)
PURGING DEVICE	E	A - TEFLON B - TYGON	D - POLYPROPYLENE E - POLYETHYLENE	F - SILICONE G - COMBINATION TEFLON/ POLYPROPYLENE	X- PURGING OTHER (SPECIFY)
SAMPLING DEVICE	E	C - ROPE	X- (SPECIFY)		X- SAMPLING OTHER (SPECIFY)
FILTERING DEVICES 0.45		A - IN-LINE DISPOSABLE	B - PRESSURE	C - VACUUM	

FIELD MEASUREMENTS

WELL ELEVATION	593.53 (m/ft)	GROUNDWATER ELEVATION	581.98 (m/ft)
DEPTH TO WATER	11.46 (m/ft)	WELL DEPTH	12.14.16 (m/ft)

pH	TURBIDITY	CONDUCTIVITY	ORP	DO	SAMPLE TEMPERATURE
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)

FIELD COMMENTS

SAMPLE APPEARANCE: Good ODOR: None COLOR: clear TURBIDITY: Some

WEATHER CONDITIONS: WIND SPEED: 5-10 DIRECTION: SW PRECIPITATION Y/N OUTLOOK: Y

SPECIFIC COMMENTS

When removing T-Plug on 7/22/24, well pulled up x 2in

Purged dry 7-22-24, 0.1 GW recovery on 7-23-24 GW-1 and 7-24-24

I CERTIFY THAT SAMPLING PROCEDURES WERE IN ACCORDANCE WITH APPLICABLE C&L PROTOCOLS

DATE	PRINT	SIGNATURE
7/24/24	Maureen Brown	

FMG MODIFICATIONS MUST BE ACCOMPANIED BY A REVISION REQUEST FORM APPROVED BY THE PROJECT MANAGER

PID @ TOR =

PID @ breathing space = 0.0

MONITORING WELL RECORD FOR LOW-FLOW PURGING

Project Data:

Project Name: GMCH Lockport BCP Annual GW Sampling
Ref. No.: 56546.20 Task 4

Date: 7/17/24
Personnel:

Monitoring Well Data:

Well No.: MW-7-5
Measurement Point: TOR
Constructed Well Depth (ft): 22.0
Measured Well Depth (ft): 21.91
Depth of Sediment (ft): 0.08

Screen Length (ft): 7'
Depth to Pump Intake (ft)[1]: 18
Well Diameter, D (in): 2
Well Screen Volume, V_s (mL)[2]: 2.4
Initial Depth to Water (ft): 7.14

Time	Pumping Rate (mL/min)	Depth to Water (ft)	Drawdown from Initial Water Level[3] (ft)	pH	Temperature °C	Conductivity (mS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	Volume Purged, Vp (mL)	No. of Well Screen Volumes Purged[4]
1330	285*	7.80		7.46	18.7	1.263	107.2	2.05	5.48	0.0	
1335		8.21		7.48	18.6	1.186	103.8	1.86	5.05	0.1	
1340		8.54		7.47	18.5	1.170	101.0	1.86	5.40	0.2	
1345		9.00		7.46	18.0	1.160	97.9	1.99	5.20	0.3	
1350		9.02		7.44	18.3	1.149	96.1	2.00	5.15	0.4	

Notes:

(1) The pump intake will be placed at the well screen mid-point or at a minimum of 2 ft above any sediment accumulated at the well bottom.

(2) The well screen volume will be based on a 5-foot screen length, $V_s = p*(D/2)^2*(5*12)*(2.54)^3$

(3) The drawdown from the initial water level should not exceed 0.3 ft.

(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stablization criteria and appear to be stablizing), No. of Well Screen Volumes Purged= Vp/Vs.

* Lowest Pump setting

WELL PURGING FIELD INFORMATION FORM

JOB# 5 6 5 4 6 - 2 0

SITE/PROJECT NAME: GMCH Lockport BCP Annual GW Sampling

WELL# M W - 7 - 5

WELL PURGING INFORMATION

PURGE DATE (MM DD YY)	SAMPLE DATE (MM DD YY)	WATER VOL IN CASING (LITRES/GALLONS)	ACTUAL VOLUME PURGED (LITRES/GALLONS)
01 17 17 24	01 17 17 24	12.4	10.6

PURGING AND SAMPLING EQUIPMENT

PURGING EQUIPMENT ... DEDICATED (Y) N (CIRCLE ONE)

SAMPLING EQIPMENT ... DEDICATED (Y) N (CIRCLE ONE)

PURGING DEVICE	B	A - SUBMERSIBLE PUMP B - PERISTALTIC PUMP	D - GAS LIFT PUMP E - PURGE PUMP	G - BAILER H - WATERRA®	X- PURGING OTHER (SPECIFY)
SAMPLING DEVICE	B	C - BLADDER PUMP	F - DIPPER BOTTLE		X- SAMPLING OTHER (SPECIFY)
PURGING DEVICE	E	A - TEFLON B - STAINLESS STEEL	D - PVC E - POLYETHYLENE		X- PURGING OTHER (SPECIFY)
SAMPLING DEVICE	E	C - POLYPROPYLENE			X- SAMPLING OTHER (SPECIFY)
PURGING DEVICE	E	A - TEFLON B - TYGON	D - POLYPROPYLENE E - POLYETHYLENE	F - SILICONE G - COMBINATION TEFLON/ POLYPROPYLENE	X- PURGING OTHER (SPECIFY)
SAMPLING DEVICE	E	C - ROPE	X- (SPECIFY)		X- SAMPLING OTHER (SPECIFY)
FILTERING DEVICES 0.45		A - IN-LINE DISPOSABLE	B - PRESSURE	C - VACUUM	

FIELD MEASUREMENTS

WELL ELEVATION	1 1 6 1 0 . 9 6 (m/ft)	GROUNDWATER ELEVATION	1 1 6 0 3 . 8 2 (m/ft)
DEPTH TO WATER	1 1 1 7 . 1 4 (m/ft)	WELL DEPTH	1 1 2 1 . 9 1 (m/ft)

pH	TURBIDITY	CONDUCTIVITY	ORP	DO	SAMPLE TEMPERATURE
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)

FIELD COMMENTS

SAMPLE APPEARANCE: Good ODOR: None COLOR: Clear TURBIDITY: Slight

WEATHER CONDITIONS: WIND SPEED: 5-10 DIRECTION: SW PRECIPITATION Y/N OUTLOOK: N

SPECIFIC COMMENTS:

I CERTIFY THAT SAMPLING PROCEDURES WERE IN ACCORDANCE WITH APPLICABLE CH PROTOCOLS

DATE	PRINT	SIGNATURE
1/17/24	Morgan Brown	

EMG MODIFICATIONS MUST BE ACCOMPANIED BY A REVISION REQUEST FORM APPROVED BY THE PROJECT MANAGER

PID @ TOR = 1.0 PID @ breathing space = 0.0

MONITORING WELL RECORD FOR LOW-FLOW PURGING

Project Data:

Project Name: GMCH Lockport BCP Annual GW Sampling
Ref. No.: 56546.20 Task 4
Date: 7/17/24
Personnel: M. Brown

Monitoring Well Data:

Well No.: MW-7-6
Measurement Point: TOR
Constructed Well Depth (ft): 16.9
Measured Well Depth (ft): 16.53
Depth of Sediment (ft): 0.37

Screen Length (ft): 7'
Depth to Pump Intake (ft)[1]: 13
Well Diameter, D (in): 2
Well Screen Volume, V_s (mL)[2]: 2.0
Initial Depth to Water (ft): 4.02

Time	Pumping Rate (mL/min).	Depth to Water (ft)	Drawdown from Initial Water Level[3] (ft)	pH	Temperature °C	Conductivity (mS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	Volume Purged, Vp (mL)	No. of Well Screen Volumes Purged[4]
1205		3.98		7.32	18.4	7.351	142.7	3.69	2.90	0.0	
1210		3.98		7.29	18.0	7.957	143.6	2.77	3.93	0.1	
1215		4.07		7.17	17.7	9.910	145.0	1.38	2.70	0.2	
1220		4.07		7.12	18.1	10.676	140.1	0.64	2.97	0.3	
1225		4.08		7.07	18.1	11.619	137.6	0.40	4.00	0.4	
1230		4.09		7.04	18.2	12.631	106.5	0.32	4.26	0.5	
1235		4.10		7.04	18.2	12.837	75.7	0.27	5.30	0.6	
1240		4.13		7.03	18.2	12.808	65.9	0.30	6.38	0.7	
1245				7.03	18.1	12.869	61.0	0.28	7.45	0.8	

Notes:

(1) The pump intake will be placed at the well screen mid-point or at a minimum of 2 ft above any sediment accumulated at the well bottom.

(2) The well screen volume will be based on a 5-foot screen length, $V_s = p*(D/2)^2*(5*12)*(2.54)^3$

(3) The drawdown from the initial water level should not exceed 0.3 ft.

(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stablization criteria and appear to be stablizing), No. of Well Screen Volumes Purged= Vp/Vs.

WELL PURGING FIELD INFORMATION FORM

JOB# 5 6 5 4 6 - 2 0

SITE/PROJECT NAME: 6MCH Lockport BCP Annual GW Sampling

WELL# M W - 7 - 6

WELL PURGING INFORMATION

PURGE DATE (MM DD YY)	SAMPLE DATE (MM DD YY)	WATER VOL IN CASING (LITRES/GALLONS)	ACTUAL VOLUME PURGED (LITRES/GALLONS)
01 11 19 14	01 11 17 14	12.0	10.9

PURGING AND SAMPLING EQUIPMENT

PURGING EQUIPMENT ... DEDICATED (Y) N (CIRCLE ONE)

SAMPLING EQIPMENT ... DEDICATED (Y) N (CIRCLE ONE)

PURGING DEVICE	B	A - SUBMERSIBLE PUMP B - PERISTALTIC PUMP	D - GAS LIFT PUMP E - PURGE PUMP	G - BAILER H - WATERRA®	X- PURGING OTHER (SPECIFY)
SAMPLING DEVICE	B	C - BLADDER PUMP	F - DIPPER BOTTLE		X- SAMPLING OTHER (SPECIFY)
PURGING DEVICE	E	A - TEFLON B - STAINLESS STEEL	D - PVC E - POLYETHYLENE		X- PURGING OTHER (SPECIFY)
SAMPLING DEVICE	E	C - POLYPROPYLENE			X- SAMPLING OTHER (SPECIFY)
PURGING DEVICE	E	A - TEFLON B - TYGON	D - POLYPROPYLENE E - POLYETHYLENE	F - SILICONE G - COMBINATION TEFLON/ POLYPROPYLENE	X- PURGING OTHER (SPECIFY)
SAMPLING DEVICE	E	C - ROPE	X- (SPECIFY)		X- SAMPLING OTHER (SPECIFY)
FILTERING DEVICES 0.45		A - IN-LINE DISPOSABLE	B - PRESSURE	C - VACUUM	

FIELD MEASUREMENTS

WELL ELEVATION	610630 (m/ft)	GROUNDWATER ELEVATION	610728 (m/ft)
DEPTH TO WATER	14.07 (m/ft)	WELL DEPTH	116.53 (m/ft)

pH	TURBIDITY	CONDUCTIVITY	ORP	DO	SAMPLE TEMPERATURE
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)

FIELD COMMENTS

SAMPLE APPEARANCE: Good ODOR: None COLOR: Clear TURBIDITY: None

WEATHER CONDITIONS: WIND SPEED: 5-10 DIRECTION: SW PRECIPITATION Y/N OUTLOOK: N

SPECIFIC COMMENTS:

I CERTIFY THAT SAMPLING PROCEDURES WERE IN ACCORDANCE WITH APPLICABLE GSI PROTOCOLS

DATE	PRINT	SIGNATURE
5/7/14	Maryann Brown	

FMG MODIFICATIONS MUST BE ACCOMPANIED BY A REVISION REQUEST FORM APPROVED BY THE PROJECT MANAGER

PID @ TOR = 123.8 PID @ breathing space = 0.0

MONITORING WELL RECORD FOR LOW-FLOW PURGING

Project Data:

Project Name: GMCH Lockport BCP Annual GW Sampling
Ref. No.: 56546.20 Task 4
Date: 7/22/24
Personnel: M. Brown

Monitoring Well Data:

Well No.: MW-7-7
Measurement Point: TOR
Constructed Well Depth (ft): 22.7
Measured Well Depth (ft): 32.06
Depth of Sediment (ft): —

Screen Length (ft): 10
Depth to Pump Intake (ft)[1]: 15
Well Diameter, D (in): 2
Well Screen Volume, V_s (mL)[2]: 4.8
Initial Depth to Water (ft): 2.67

Time	Pumping Rate (mL/min)	Depth to Water (ft)	Drawdown from Initial Water Level[3] (ft)	pH	Temperature °C	Conductivity (mS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	Volume Purged, V_p (mL)	No. of Well Screen Volumes Purged[4]
1515		2.84		6.89	19.5	10.058	-131.7	1.25	10.52	0	
1520		3.04		6.94	18.6	10.038	-156.1	0.60	8.76	0.1	
1525		3.13		6.95	18.2	10.022	-155.7	0.38	10.74	0.2	
1530		3.22		6.95	19.3	10.061	-170.6	0.27	12.05	0.3	
1585		3.45		6.92	19.0	10.073	-200.8	0.22	23.58	0.4	
1540		3.45		6.91	18.9	10.074	-210.4	0.19	76.59	0.5	
1595		3.50		6.88	18.8	10.219	-232.6	0.14	35.11	0.6	
1550		3.52		6.88	18.7	10.270	-233.0	0.14	33.50	0.8	

Notes:

(1) The pump intake will be placed at the well screen mid-point or at a minimum of 2 ft above any sediment accumulated at the well bottom.

(2) The well screen volume will be based on a 5-foot screen length, $V_s = p*(D/2)^2*(5*12)*(2.54)^3$

(3) The drawdown from the initial water level should not exceed 0.3 ft.

(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stablization criteria and appear to be stablizing), No. of Well Screen Volumes Purged= Vp/Vs.

WELL PURGING FIELD INFORMATION FORM

JOB# 5 6 5 4 6 - 2 0

SITE/PROJECT NAME: GMCH Lockport BCP Annual GW Sampling

WELL# M W - 7 - 7

WELL PURGING INFORMATION

PURGE DATE (MM DD YY)	SAMPLE DATE (MM DD YY)	WATER VOL IN CASING (LITRES/GALLONS)	ACTUAL VOLUME PURGED (LITRES/GALLONS)
07/12/24	07/22/24	14.8	10

PURGING AND SAMPLING EQUIPMENT

PURGING EQUIPMENT . . . DEDICATED (Y) N (CIRCLE ONE)

SAMPLING EQIPMENT . . . DEDICATED (Y) N (CIRCLE ONE)

PURGING DEVICE	B	A - SUBMERSIBLE PUMP B - PERISTALTIC PUMP	D - GAS LIFT PUMP E - PURGE PUMP	G - BAILER H - WATERRA®	X- PURGING OTHER (SPECIFY)
SAMPLING DEVICE	B	C - BLADDER PUMP	F - DIPPER BOTTLE		X- SAMPLING OTHER (SPECIFY)
PURGING DEVICE	E	A - TEFLON B - STAINLESS STEEL	D - PVC E - POLYETHYLENE		X- PURGING OTHER (SPECIFY)
SAMPLING DEVICE	E	C - POLYPROPYLENE			X- SAMPLING OTHER (SPECIFY)
PURGING DEVICE	E	A - TEFLON B - TYGON	D - POLYPROPYLENE E - POLYETHYLENE	F - SILICONE G - COMBINATION TEFLON/ POLYPROPYLENE	X- PURGING OTHER (SPECIFY)
SAMPLING DEVICE	E	C - ROPE	X- (SPECIFY)		X- SAMPLING OTHER (SPECIFY)
FILTERING DEVICES 0.45		A - IN-LINE DISPOSABLE	B - PRESSURE	C - VACUUM	

FIELD MEASUREMENTS

WELL ELEVATION	610.14 (m/ft)	GROUNDWATER ELEVATION	607.97 (m/ft)
DEPTH TO WATER	2.17 (m/ft)	WELL DEPTH	13.06 (m/ft)

pH	TURBIDITY	CONDUCTIVITY	ORP	DO	SAMPLE TEMPERATURE
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)

FIELD COMMENTS

SAMPLE APPEARANCE: Good ODOR: Strong Solvent COLOR: clear TURBIDITY: None

WEATHER CONDITIONS: WIND SPEED: 0-10 DIRECTION: SW PRECIPITATION Y/N OUTLOOK: N

SPECIFIC COMMENTS:

I CERTIFY THAT SAMPLING PROCEDURES WERE IN ACCORDANCE WITH APPLICABLE GM PROTOCOLS

7/22/24 DATE — Morgan Brown PRINT — SIGNATURE

FMG MODIFICATIONS MUST BE ACCOMPANIED BY A REVISION REQUEST FORM APPROVED BY THE PROJECT MANAGER

PID @ TOR = 18.0 PID @ breathing space = 0.0

MONITORING WELL RECORD FOR LOW-FLOW PURGING

Project Data:

Project Name: GMCH Lockport BCP Annual GW Sampling
Ref. No.: 56546.20 Task 4
Date: 11/23/24
Personnel: M. Brown

Monitoring Well Data:

Well No.: MW-7-B
Measurement Point: TOR
Constructed Well Depth (ft): 19.7
Measured Well Depth (ft): 19.43
Depth of Sediment (ft): 0.27

Screen Length (ft): 12.7 - 19.7 = 7
Depth to Pump Intake (ft)[1]: 14
Well Diameter, D (in): 2
Well Screen Volume, V_s (mL)[2]: 2.2
Initial Depth to Water (ft): 6.23

Time	Pumping Rate (mL/min)	Depth to Water (ft)	Drawdown from Initial Water Level[3] (ft)	pH	Temperature °C	Conductivity (mS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	Volume Purged, Vp (mL)	No. of Well Screen Volumes Purged[4]
0945		6.34		6.60	18.3	14.960	-85.2	1.81	72.90	0.1	
0950		6.97		6.75	17.9	14.904	-93.6	0.39	126.34	0.35	
0955		8.64		6.67	18.2	13.765	-116.8	0.22	93.71	0.65	
1000		9.92		6.40	18.3	13.407	-86.8	0.21	72.46	0.9	
1005		10.37		6.14	18.5	13.201	-95.6	0.25	77.48	1.25	
1010		10.40		6.30	18.5	13.114	-55.5	0.34	81.89	1.55	
1015		12.14		6.70	18.8	11.485	-105.8	0.19	209.99	2.15	
1020	DRY	13.67		6.85	17.4	14.145	-95.1	0.96	443.98	2.6	
1355		7.00		6.79	18.6	14.936	-93.2	1.77	16.31	0.1	

Notes:

(1) The pump intake will be placed at the well screen mid-point or at a minimum of 2 ft above any sediment accumulated at the well bottom.

(2) The well screen volume will be based on a 5-foot screen length, $V_s = p^*(D/2)^{2*}(5*12)*(2.54)^3$

(3) The drawdown from the initial water level should not exceed 0.3 ft.

(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stablization criteria and appear to be stablizing), No. of Well Screen Volumes Purged= Vp/Vs.

WELL PURGING FIELD INFORMATION FORM

JOB# 5 6 5 4 6 - 2 0

SITE/PROJECT NAME: EMCH Lockport BCP Annual GW Sampling

WELL# M W - 7 - 8

WELL PURGING INFORMATION

PURGE DATE (MM DD YY)	SAMPLE DATE (MM DD YY)	WATER VOL IN CASING (LITRES/GALLONS)	ACTUAL VOLUME PURGED (LITRES/GALLONS)
0 7 1 2 B 1 2 M	0 7 1 2 M 1 2 4	7.2	12.8

PURGING AND SAMPLING EQUIPMENT

PURGING EQUIPMENT ... DEDICATED (Y) N (CIRCLE ONE)

SAMPLING EQIPMENT ... DEDICATED (Y) N (CIRCLE ONE)

PURGING DEVICE	B	A - SUBMERSIBLE PUMP B - PERISTALTIC PUMP	D - GAS LIFT PUMP E - PURGE PUMP	G - BAILER H - WATERRA®	X- PURGING OTHER (SPECIFY)
SAMPLING DEVICE	B	C - BLADDER PUMP	F - DIPPER BOTTLE		X- SAMPLING OTHER (SPECIFY)
PURGING DEVICE	E	A - TEFLON B - STAINLESS STEEL	D - PVC E - POLYETHYLENE		X- PURGING OTHER (SPECIFY)
SAMPLING DEVICE	E	C - POLYPROPYLENE			X- SAMPLING OTHER (SPECIFY)
PURGING DEVICE	E	A - TEFLON B - TYGON	D - POLYPROPYLENE E - POLYETHYLENE	F - SILICONE G - COMBINATION TEFLON/ POLYPROPYLENE	X- PURGING OTHER (SPECIFY)
SAMPLING DEVICE	E	C - ROPE	X- (SPECIFY)		X- SAMPLING OTHER (SPECIFY)
FILTERING DEVICES 0.45		A - IN-LINE DISPOSABLE	B - PRESSURE	C - VACUUM	

FIELD MEASUREMENTS

WELL ELEVATION	1 6 1 0 9 2 (m/ft)	GROUNDWATER ELEVATION	1 6 0 4 4 9 (m/ft)
DEPTH TO WATER	1 6 2 3 (m/ft)	WELL DEPTH	1 1 9 4 3 (m/ft)

pH	TURBIDITY	CONDUCTIVITY	ORP	DO	SAMPLE TEMPERATURE
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)

FIELD COMMENTS

SAMPLE APPEARANCE: Good ODOR: Solvent COLOR: orange TURBIDITY: Some

WEATHER CONDITIONS: WIND SPEED: 5-10 DIRECTION: SW PRECIPITATION Y/N OUTLOOK: N

SPECIFIC COMMENTS:

I CERTIFY THAT SAMPLING PROCEDURES WERE IN ACCORDANCE WITH APPLICABLE GM PROTOCOLS

DATE: 7/24/24 PRINT: Morgan Brown SIGNATURE:

FMG MODIFICATIONS MUST BE ACCOMPANIED BY A REVISION REQUEST FORM APPROVED BY THE PROJECT MANAGER

PID @ TOR = 78.6 PID @ breathing space = 0.3

MONITORING WELL RECORD FOR LOW-FLOW PURGING

Project Data:

Project Name: GMCH Lockport BCP Annual GW Sampling
Ref. No.: 56546.20 Task 4
Date: 8/1/24
Personnel: M. Brown

Monitoring Well Data:

Well No.: MW-7-A-6
Measurement Point: TOR
Constructed Well Depth (ft): 14.25
Measured Well Depth (ft): 14.09
Depth of Sediment (ft): 0.16

Screen Length (ft):
Depth to Pump Intake (ft)[1]: 12
Well Diameter, D (in):
Well Screen Volume, V_s (mL)[2]: 1.9
Initial Depth to Water (ft): 2.49

Time	Pumping Rate (mL/min)	Depth to Water (ft)	Drawdown from Initial Water Level[3] (ft)	pH	Temperature °C	Conductivity (mS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	Volume Purged, Vp (mL)	No. of Well Screen Volumes Purged[4]
0920		2.64		6.24	21.3	3.931	-119.9	0.92	3.63	0	
0925		2.65		6.30	21.2	3.935	-123.1	0.52	3.56	0.1	
0930		2.76		6.35	21.7	3.932	-121.4	0.37	5.66	0.3	
0935		2.89		6.36	20.5	3.824	-125.8	0.27	10.25	0.4	
0940		3.12		6.36	20.3	3.478	-133.8	0.16	14.04	0.5	
0945		3.22		6.35	20.2	3.353	-136.0	0.14	17.25	0.6	
0950		3.26		6.34	20.4	3.283	-138.3	0.12	17.00	0.75	

Notes:

(1) The pump intake will be placed at the well screen mid-point or at a minimum of 2 ft above any sediment accumulated at the well bottom.

(2) The well screen volume will be based on a 5-foot screen length. $V_s = p*(D/2)^2*(5*12)*(2.54)^3$

(3) The drawdown from the initial water level should not exceed 0.3 ft.

(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stablization criteria and appear to be stablizing). No. of Well Screen Volumes Purged= Vp/Vs.

WELL PURGING FIELD INFORMATION FORM

JOB# 516546-20

SITE/PROJECT NAME: GMCH Lockport BCP Annual GW Sampling

WELL# MW-7-A16

WELL PURGING INFORMATION

PURGE DATE (MM DD YY)	SAMPLE DATE (MM DD YY)	WATER VOL IN CASING (LITRES/GALLONS)	ACTUAL VOLUME PURGED (LITRES/GALLONS)
08/01/24	08/01/24	19	18

PURGING AND SAMPLING EQUIPMENT

PURGING EQUIPMENT ...DEDICATED (Y) N (CIRCLE ONE)

SAMPLING EQIPMENT ...DEDICATED (Y) N (CIRCLE ONE)

PURGING DEVICE	B	A - SUBMERSIBLE PUMP B - PERISTALTIC PUMP	D - GAS LIFT PUMP E - PURGE PUMP	G - BAILER H - WATERRA®	X- PURGING OTHER (SPECIFY)
SAMPLING DEVICE	B	C - BLADDER PUMP	F - DIPPER BOTTLE		X- SAMPLING OTHER (SPECIFY)
PURGING DEVICE	E	A - TEFLON B - STAINLESS STEEL	D - PVC E - POLYETHYLENE		X- PURGING OTHER (SPECIFY)
SAMPLING DEVICE	E	C - POLYPROPYLENE			X- SAMPLING OTHER (SPECIFY)
PURGING DEVICE	E	A - TEFLON B - TYGON	D - POLYPROPYLENE E - POLYETHYLENE	F - SILICONE G - COMBINATION TEFLON/ POLYPROPYLENE	X- PURGING OTHER (SPECIFY)
SAMPLING DEVICE	E	C - ROPE	X- (SPECIFY)		X- SAMPLING OTHER (SPECIFY)
FILTERING DEVICES 0.45		A - IN-LINE DISPOSABLE	B - PRESSURE	C - VACUUM	

FIELD MEASUREMENTS

WELL ELEVATION	610.72 (m/ft)	GROUNDWATER ELEVATION	610.23 (m/ft)
DEPTH TO WATER	5.15 (m/ft)	WELL DEPTH	14.39 (m/ft)

pH	TURBIDITY	CONDUCTIVITY	ORP	DO	SAMPLE TEMPERATURE
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)

FIELD COMMENTS

SAMPLE APPEARANCE: Good ODOR: Solvent COLOR: Clouded TURBIDITY: Some

WEATHER CONDITIONS: WIND SPEED: 0-5 DIRECTION: SW PRECIPITATION Y/N OUTLOOK: N

SPECIFIC COMMENTS:

I CERTIFY THAT SAMPLING PROCEDURES WERE IN ACCORDANCE WITH APPLICABLE CAI PROTOCOLS

08/01/24 DATE — Morgan Rowan PRINT — SIGNATURE

FMG MODIFICATIONS MUST BE ACCOMPANIED BY A REVISION REQUEST FORM APPROVED BY THE PROJECT MANAGER

PID @ TOR = 0.0 PID @ breathing space = 0.0

MONITORING WELL RECORD FOR LOW-FLOW PURGING

Project Data:

Project Name: GMCH Lockport BCP Annual GW Sampling
Ref. No.: 56546.20 Task 4

Date: 7/18/24
Personnel: M. Brown

Monitoring Well Data:

Well No.: MW-7-C-2
Measurement Point: TOR
Constructed Well Depth (ft): 24.0
Measured Well Depth (ft): 24.04
Depth of Sediment (ft): —

Screen Length (ft):
Depth to Pump Intake (ft)[1]: ~21'
Well Diameter, D (in): 2
Well Screen Volume, V_s (mL)[2]: 3.1
Initial Depth to Water (ft): 5.15

Time	Pumping Rate (mL/min)	Depth to Water (ft)	Drawdown from Initial Water Level[3] (ft)	pH	Temperature °C	Conductivity (mS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	Volume Purged, Vp (mL)	No. of Well Screen Volumes Purged[4]
1230		5.61		6.97	17.9	2.483	-70.7	1.53	3.56	0.	
1235		5.91		6.99	17.9	2.525	-74.7	0.63	2.66	0.1	
1240		6.10		6.97	17.3	2.556	-75.1	0.49	2.21	0.2	
1245		6.15		6.96	17.8	2.579	-76.6	0.44	2.00	0.3	
1250		6.30		6.95	17.6	2.630	-77.0	0.36	1.84	0.4	
1255		6.40		6.94	17.5	2.678	-76.8	0.34	1.85	0.5	

Notes

(1) The pump intake will be placed at the well screen mid-point or at a minimum of 2 ft above any sediment accumulated at the well bottom.

(2) The well screen volume will be based on a 5-foot screen length, $V_s = p*(D/2)^2*(5*12)*(2.54)^3$

(3) The drawdown from the initial water level should not exceed 0.3 ft.

(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stablization criteria and appear to be stablizing), No. of Well Screen Volumes Purged= Vp/Vs.

WELL PURGING FIELD INFORMATION FORM

JOB# 565461-20

SITE/PROJECT NAME: GMCH Lockport BCT Annual GW Sampling

WELL# MW-7-C-2

WELL PURGING INFORMATION

PURGE DATE (MM DD YY)	SAMPLE DATE (MM DD YY)	WATER VOL IN CASING (LITRES/GALLONS)	ACTUAL VOLUME PURGED (LITRES/GALLONS)
07/18/24	07/18/24	13	106

PURGING AND SAMPLING EQUIPMENT

PURGING EQUIPMENT ...DEDICATED (Y) N (CIRCLE ONE)

SAMPLING EQIPMENT ...DEDICATED (Y) N (CIRCLE ONE)

PURGING DEVICE	B	A - SUBMERSIBLE PUMP B - PERISTALTIC PUMP	D - GAS LIFT PUMP E - PURGE PUMP	G - BAILER H - WATERRA®	X- PURGING OTHER (SPECIFY)
SAMPLING DEVICE	B	C - BLADDER PUMP	F - DIPPER BOTTLE		X- SAMPLING OTHER (SPECIFY)
PURGING DEVICE	E	A - TEFLON B - STAINLESS STEEL	D - PVC E - POLYETHYLENE		X- PURGING OTHER (SPECIFY)
SAMPLING DEVICE	E	C - POLYPROPYLENE			X- SAMPLING OTHER (SPECIFY)
PURGING DEVICE	E	A - TEFLON B - TYGON	D - POLYPROPYLENE E - POLYETHYLENE	F - SILICONE G - COMBINATION TEFLON/POLYPROPYLENE	X- PURGING OTHER (SPECIFY)
SAMPLING DEVICE	E	C - ROPE	X- (SPECIFY)		X- SAMPLING OTHER (SPECIFY)
FILTERING DEVICES 0.45		A - IN-LINE DISPOSABLE	B - PRESSURE	C - VACUUM	

FIELD MEASUREMENTS

WELL ELEVATION	1610.916 (m/ft)	GROUNDWATER ELEVATION	1603.81 (m/ft)
DEPTH TO WATER	5.15 (m/ft)	WELL DEPTH	12.04 (m/ft)

pH	TURBIDITY	CONDUCTIVITY	ORP	DO	SAMPLE TEMPERATURE
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)

FIELD COMMENTS

SAMPLE APPEARANCE: Good ODOR: Light Solvent COLOR: Clear TURBIDITY: Sediment

WEATHER CONDITIONS: WIND SPEED 5-10 DIRECTION: NW PRECIPITATION Y/N OUTLOOK: N

SPECIFIC COMMENTS:

I CERTIFY THAT SAMPLING PROCEDURES WERE IN ACCORDANCE WITH APPLICABLE GM PROTOCOLS

7/18/24 (DATE) Morgan Brown (PRINT) (SIGNATURE)

FMG MODIFICATIONS MUST BE ACCOMPANIED BY A REVISION REQUEST FORM APPROVED BY THE PROJECT MANAGER

PID @ TOR = 0.7 PID @ breathing space = 0.9

MONITORING WELL RECORD FOR LOW-FLOW PURGING

Project Data:

Project Name: GMCH Lockport BCP Annual GW Sampling
Ref. No.: 56546.20 Task 4
Date: 7/16/24
Personnel: M. Brown

Monitoring Well Data:

Well No.: MW-7-P-1
Measurement Point: TOR
Constructed Well Depth (ft): 20.0
Measured Well Depth (ft): 19.84
Depth of Sediment (ft): 0.16

Screen Length (ft):
Depth to Pump Intake (ft)[1]: 17
Well Diameter, D (in): 2
Well Screen Volume, V_s (mL)[2]: 1.8
Initial Depth to Water (ft): 8.72

Time	Pumping Rate (mL/min)	Depth to Water (ft)	Drawdown from Initial Water Level[3] (ft)	pH	Temperature °C	Conductivity (mS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	Volume Purged, Vp (mL)	No. of Well Screen Volumes Purged[4]
1410	90	9.21		6.25	20.7	16.494	-49.2	1.78	3.05	0	
1415		9.64		6.40	20.9	15.633	-65.4	0.46	7.76	0.15	
1420		9.84		6.44	21.1	15.444	-71.1	0.40	2.93	0.75	
1425		9.89		6.45	21.5	15.353	-74.0	0.38	3.57	0.35	
1430		9.95		6.47	21.1	15.185	-76.1	0.38	4.74	0.50	
1435		10.13		6.50	21.1	15.384	-78.5	0.28	6.88	0.75	
1445		10.18		6.49	21.1	15.406	-80.5	0.26	7.55	0.80	

Notes:

(1) The pump intake will be placed at the well screen mid-point or at a minimum of 2 ft above any sediment accumulated at the well bottom.

(2) The well screen volume will be based on a 5-foot screen length, $V_s = p*(D/2)^2*(5*12)*(2.54)^3$

(3) The drawdown from the initial water level should not exceed 0.3 ft.

(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stablization criteria and appear to be stablizing), No. of Well Screen Volumes Purged= Vp/Vs.

WELL PURGING FIELD INFORMATION FORM

JOB# 5 6 5 4 6 - 2 0

SITE/PROJECT NAME: GMCH Lockport BCT Annual GW Sampling

WELL# M W - 7 - A 1

WELL PURGING INFORMATION

PURGE DATE (MM DD YY)	SAMPLE DATE (MM DD YY)	WATER VOL IN CASING (LITRES/GALLONS)	ACTUAL VOLUME PURGED (LITRES/GALLONS)
07 16 24	07 16 24	18	10

PURGING AND SAMPLING EQUIPMENT

PURGING EQUIPMENT ...DEDICATED (Y) N (CIRCLE ONE)

SAMPLING EQIPMENT ...DEDICATED (Y) N (CIRCLE ONE)

PURGING DEVICE	B	A - SUBMERSIBLE PUMP B - PERISTALTIC PUMP	D - GAS LIFT PUMP E - PURGE PUMP	G - BAILER H - WATERRA®	X- PURGING OTHER (SPECIFY)
SAMPLING DEVICE	B	C - BLADDER PUMP	F - DIPPER BOTTLE		X- SAMPLING OTHER (SPECIFY)
PURGING DEVICE	E	A - TEFLON B - STAINLESS STEEL	D - PVC E - POLYETHYLENE		X- PURGING OTHER (SPECIFY)
SAMPLING DEVICE	E	C - POLYPROPYLENE			X- SAMPLING OTHER (SPECIFY)
PURGING DEVICE	E	A - TEFLON B - TYGON	D - POLYPROPYLENE E - POLYETHYLENE	F - SILICONE G - COMBINATION TEFLON/ POLYPROPYLENE	X- PURGING OTHER (SPECIFY)
SAMPLING DEVICE	E	C - ROPE	X- (SPECIFY)		X- SAMPLING OTHER (SPECIFY)
FILTERING DEVICES 0.45		A - IN-LINE DISPOSABLE	B - PRESSURE	C - VACUUM	

FIELD MEASUREMENTS

WELL ELEVATION	(m/ft)	GROUNDWATER ELEVATION	(m/ft)
DEPTH TO WATER	9.72 (m/ft)	WELL DEPTH	19.84 (m/ft)

pH	TURBIDITY	CONDUCTIVITY	ORP	DO	SAMPLE TEMPERATURE
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)

FIELD COMMENTS

SAMPLE APPEARANCE: Good ODOR: slight Solvent COLOR: clear TURBIDITY: Some

WEATHER CONDITIONS: WIND SPEED: 10-15 DIRECTION: SW PRECIPITATION Y/N OUTLOOK: Y

SPECIFIC COMMENTS:

I CERTIFY THAT SAMPLING PROCEDURES WERE IN ACCORDANCE WITH APPLICABLE GM PROTOCOLS

DATE	PRINT	SIGNATURE
7/16/24	Morgan Brown	

FMG MODIFICATIONS MUST BE ACCOMPANIED BY A REVISION REQUEST FORM APPROVED BY THE PROJECT MANAGER

SAMPLE COLLECTION DATA SHEET - GROUNDWATER SAMPLING PROGRAM

PROJECT NAME: GMCH Lockport Annual BCP Site GW Sampling
PROJECT NO.: 56546.20 T4

SAMPLING CREW MEMBERS: M. Brown
SUPERVISOR: ~~Richert~~ Bohlen

DATE OF SAMPLE COLLECTION: 07/16/24 - 07/26/24

[Note: For 2" dia. well, 1 ft. = 0.14 gal (imp) or 0.16 gal (us)]

Sample I.D. Number	Well No.	Measuring Point Elev. (ft. AMSL)	Bottom Depth (ft. btoc)	Water Depth (ft. btoc)	Water Elevation (ft. AMSL)	Well Volume (gallons)	Bailer Volume No. Bails	Volume Purged (gallons)	Field pH	Field Temp.	Field Cond.	Time	Sample Description & Analysis
MW-6-1-071624	MW6-1	598.23	18.81	3.49	594.7	2.5		1.3	6.89	18.1	3.520	1115	VOC MW6
MW-6-2-072324	MW-6-2	609.33	26.10	4.93	604.4	3.5		0.9	7.09	16.6	4.460	1445	"
MW-6-F-8-072324	MW-6 F-8	612.26	14.34	7.73	604.53	1.1		0.5	7.05	20.6	8.077	1700	"
MW-8-1-072524	MW-8-1	615.11	20.06	5.31	609.80	2.4		0.8	6.96	17.0	5.798	1230	"
MW-8-2-072524	MW-8-2	615.14	22.71	7.50	607.64	2.5		0.9	7.15	21.1	1.183	1530	"
MW-8-3-072624	MW-8-3	615.06	22.04	8.56	606.5	2.2		2.1	6.86	20.4	6.876	1430	"
MW-8-4-072324	MW-8-4	613.01	21.42	8.32	604.69	2.1		1.1	7.16	19.8	12.276	1315	"
MW-8-003-B-071624	MW-8-003-B	610.94	14.37	4.53	606.37	1.6		1.0	7.52	20.6	13.014	1030	"

Additional Comments: MS/MSD - MW-8-2 07/25/24
MS/MSD - MW-8-003-B 07/18/24

Copies to:

FMG MODIFICATIONS MUST BE ACCOMPANIED BY A REVISION REQUEST FORM APPROVED BY THE PROJECT MANAGER

PID @ TOR = 0.0 PID @ breathing space = 0.0

MONITORING WELL RECORD FOR LOW-FLOW PURGING

Project Data:

Project Name: GMCH Lockport Annual BCP Site GW Sampling Date: 7/16/24
Ref. No.: 56546.20 Task 4 Personnel: M. Brown

Monitoring Well Data:

Well No.: MW-6-1
Measurement Point: TOR
Constructed Well Depth (ft): 17
Measured Well Depth (ft): 18.81
Depth of Sediment (ft): —

Screen Length (ft): 7-17 = 10
Depth to Pump Intake (ft)[1]: 12
Well Diameter, D (in): 2
Well Screen Volume, V_s (mL)[2]: 2.5
Initial Depth to Water (ft): 3.49

Time	*Pumping Rate (mL/min)*	*Depth to Water (ft)*	*Drawdown from Initial Water Level[3] (ft)*	*pH*	*Temperature °C*	*Conductivity (mS/cm)*	*ORP (mV)*	*DO (mg/L)*	*Turbidity (NTU)*	*Volume Purged, Vp (mL)*	*No. of Well Screen Volumes Purged[4]*
1215		3.82		6.5	18.6	3.508	-33.6	14.6	9.2	0	
1220		3.98		6.91	17.9	3.484	-40.9	0.55	68.85	500	
1225		3.91		6.92	18.4	3.492	-96.4	0.44	41.62	1000	
1230		3.91		6.92	18.4	3.500	-99.0	0.35	37.36	1500	
1235		3.92		6.91	18.3	3.510	-105.8	0.29	25.66	2000	
1240		3.91		6.90	18.3	3.520	-108.8	0.25	21.31	2500	
1245		3.91		6.89	18.2	3.521	-103.9	0.24	17.71	3000	
1250		3.91		6.89	18.2	3.520	-104.0	0.24	15.53	3500	
1255		3.91		6.89	18.1	3.520	-103.7	0.23	16.02	4000	

Notes:

(1) The pump intake will be placed at the well screen mid-point or at a minimum of 2 ft above any sediment accumulated at the well bottom.

(2) The well screen volume will be based on a 5-foot screen length. $V_s = \pi * (D/2)^2 * (5*12) * (2.54)^3$

(3) The drawdown from the initial water level should not exceed 0.3 ft.

(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stablization criteria and appear to be stablizing). No. of Well Screen Volumes Purged= Vp/Vs.

WELL PURGING FIELD INFORMATION FORM

JOB# 516546 - 20

SITE/PROJECT NAME: EMCH Lockport Annual BCP Site GW Sampling

WELL# MW-16-11

WELL PURGING INFORMATION

PURGE DATE (MM DD YY)	SAMPLE DATE (MM DD YY)	WATER VOL IN CASING (LITRES/GALLONS)	ACTUAL VOLUME PURGED (LITRES/GALLONS)
10 17 16 24	10 17 16 24	12.5	13

PURGING AND SAMPLING EQUIPMENT

PURGING EQUIPMENT ... DEDICATED (Y) N (CIRCLE ONE)

SAMPLING EQIPMENT ... DEDICATED (Y) N (CIRCLE ONE)

PURGING DEVICE	B	A - SUBMERSIBLE PUMP B - PERISTALTIC PUMP	D - GAS LIFT PUMP E - PURGE PUMP	G - BAILER H - WATERRA®	X- PURGING OTHER (SPECIFY)
SAMPLING DEVICE	B	C - BLADDER PUMP	F - DIPPER BOTTLE		X- SAMPLING OTHER (SPECIFY)
PURGING DEVICE	E	A - TEFLON B - STAINLESS STEEL	D - PVC E - POLYETHYLENE		X- PURGING OTHER (SPECIFY)
SAMPLING DEVICE	E	C - POLYPROPYLENE			X- SAMPLING OTHER (SPECIFY)
PURGING DEVICE	E	A - TEFLON B - TYGON	D - POLYPROPYLENE E - POLYETHYLENE	F - SILICONE G - COMBINATION TEFLON/ POLYPROPYLENE	X- PURGING OTHER (SPECIFY)
SAMPLING DEVICE	E	C - ROPE	X- (SPECIFY)		X- SAMPLING OTHER (SPECIFY)
FILTERING DEVICES 0.45		A - IN-LINE DISPOSABLE	B - PRESSURE	C - VACUUM	

FIELD MEASUREMENTS

WELL ELEVATION	591823 (m/ft)	GROUNDWATER ELEVATION	591671 (m/ft)
DEPTH TO WATER	349 (m/ft)	WELL DEPTH	1881 (m/ft)

pH	TURBIDITY	CONDUCTIVITY	ORP	DO	SAMPLE TEMPERATURE
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)

FIELD COMMENTS

SAMPLE APPEARANCE: Good ODOR: None COLOR: Orange TURBIDITY: Some

WEATHER CONDITIONS: WIND SPEED: 10-15 DIRECTION: SW PRECIPITATION Y/N OUTLOOK: Y

SPECIFIC COMMENTS:

I CERTIFY THAT SAMPLING PROCEDURES WERE IN ACCORDANCE WITH APPLICABLE COP/PROTOCOLS

10/16/24 — DATE

Morgan S — PRINT

SIGNATURE

EMG MODIFICATIONS MUST BE ACCOMPANIED BY A REVISION REQUEST FORM APPROVED BY THE PROJECT MANAGER

PID @ TOR = 0.0 PID @ breathing space = 0.0

MONITORING WELL RECORD FOR LOW-FLOW PURGING

Project Data:

Project Name: GMCH Lockport Annual BCP Site GW Sampling Date: 7/23/24
Ref. No.: 56546.20 Task 4 Personnel: M. Brown

Monitoring Well Data:

Well No.: MW-6-2
Measurement Point: TOR
Constructed Well Depth (ft): 29.16
Measured Well Depth (ft): 26.10
Depth of Sediment (ft): 3.06

Screen Length (ft): 14.6 - 26.6 = 10
Depth to Pump Intake (ft)[1]: 19
Well Diameter, D (in): 2
Well Screen Volume, V_s (mL)[2]: 3.5
Initial Depth to Water (ft): 4.93

Time	Pumping Rate (mL/min)	Depth to Water (ft)	Drawdown from Initial Water Level[3] (ft)	pH	Temperature °C	Conductivity (mS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	Volume Purged, V_p (mL)	No. of Well Screen Volumes Purged[4]
1355		5.11		7.18	19.0	4.354	-26.6	1.10	2.71	0	
1400		5.14		7.20	17.7	4.265	-17.2	0.61	1.92	0.1	
1405		5.17		7.19	17.3	4.253	-9.2	0.40	1.75	0.2	
1410		5.15		7.17	17.1	4.246	24.6	0.33	1.75	0.3	
1415		5.16		7.17	16.9	4.243	35.4	0.31	1.73	0.4	
1420		5.17		7.14	16.7	4.285	51.0	0.25	1.72	0.5	
1425		5.18		7.10	16.6	4.318	58.0	0.23	1.75	0.7	
1430		5.19		7.09	16.6	4.460	60.5	0.23	1.80	0.8	

Notes:

(1) The pump intake will be placed at the well screen mid-point or at a minimum of 2 ft above any sediment accumulated at the well bottom.

(2) The well screen volume will be based on a 5-foot screen length, $V_s = p*(D/2)^2*(5*12)*(2.54)^3$

(3) The drawdown from the initial water level should not exceed 0.3 ft.

(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stablization criteria and appear to be stablizing), No. of Well Screen Volumes Purged= Vp/Vs.

WELL PURGING FIELD INFORMATION FORM

JOB# 5|6|5|4|6 - 2|0

WELL# M|W - 6 - 2

SITE/PROJECT NAME: EMCH Lockport Annual BCP Site GW Sampling

WELL PURGING INFORMATION

PURGE DATE (MM DD YY)	SAMPLE DATE (MM DD YY)	WATER VOL IN CASING (LITRES/GALLONS)	ACTUAL VOLUME PURGED (LITRES/GALLONS)
0 7 1 2 3 2 4	0 7 1 2 3 2 4	1 1 3 5	1 1 1 0 9

PURGING AND SAMPLING EQUIPMENT

PURGING EQUIPMENT ... DEDICATED (Y) N (CIRCLE ONE)

SAMPLING EQIPMENT ... DEDICATED (Y) N (CIRCLE ONE)

PURGING DEVICE	B	A - SUBMERSIBLE PUMP B - PERISTALTIC PUMP	D - GAS LIFT PUMP E - PURGE PUMP	G - BAILER H - WATERRA®	X- PURGING OTHER (SPECIFY)
SAMPLING DEVICE	B	C - BLADDER PUMP	F - DIPPER BOTTLE		X- SAMPLING OTHER (SPECIFY)
PURGING DEVICE	E	A - TEFLON B - STAINLESS STEEL	D - PVC E - POLYETHYLENE		X- PURGING OTHER (SPECIFY)
SAMPLING DEVICE	E	C - POLYPROPYLENE			X- SAMPLING OTHER (SPECIFY)
PURGING DEVICE	E	A - TEFLON B - TYGON	D - POLYPROPYLENE E - POLYETHYLENE	F - SILICONE G - COMBINATION TEFLON/ POLYPROPYLENE	X- PURGING OTHER (SPECIFY)
SAMPLING DEVICE	E	C - ROPE	X- (SPECIFY)		X- SAMPLING OTHER (SPECIFY)
FILTERING DEVICES 0.45		A - IN-LINE DISPOSABLE	B - PRESSURE	C - VACUUM	

FIELD MEASUREMENTS

WELL ELEVATION	1 | 6 0 9 3 3 (m/ft)	GROUNDWATER ELEVATION	1 | 6 1 0 4 4 0 (m/ft)
DEPTH TO WATER	1 1 1 4 9 3 (m/ft)	WELL DEPTH	1 1 1 2 6 1 0 (m/ft)

pH	TURBIDITY	CONDUCTIVITY	ORP	DO	SAMPLE TEMPERATURE
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)

FIELD COMMENTS

SAMPLE APPEARANCE: Good ODOR: none COLOR: clear TURBIDITY: none

WEATHER CONDITIONS: WIND SPEED: 5-10 DIRECTION: 0-5 PRECIPITATION Y/N OUTLOOK: N

SPECIFIC COMMENTS:

I CERTIFY THAT SAMPLING PROCEDURES WERE IN ACCORDANCE WITH APPLICABLE GM PROTOCOLS

DATE	PRINT	SIGNATURE
7/23/24	Morgan Brown	

FMG MODIFICATIONS MUST BE ACCOMPANIED BY A REVISION REQUEST FORM APPROVED BY THE PROJECT MANAGER

PID @ TOR = 0.0 PID @ breathing space = 0.0

MONITORING WELL RECORD FOR LOW-FLOW PURGING

Project Data:

Project Name: GMCH Lockport Annual BCA Site GW Sampling
Ref. No.: 56546.20 Task 4
Date: 7/23/24
Personnel: M. Brown

Monitoring Well Data:

Well No.: MW-6-F-8
Measurement Point: TOR
Constructed Well Depth (ft): 15.4
Measured Well Depth (ft): 14.34
Depth of Sediment (ft): 1.06

Screen Length (ft): 8 - 15.4 = 7.4
Depth to Pump Intake (ft)[1]: 12
Well Diameter, D (in): 2
Well Screen Volume, V_s (mL)[2]: 1.1
Initial Depth to Water (ft): 7.73

Time	Pumping Rate (mL/min)	Depth to Water (ft)	Drawdown from Initial Water Level[3] (ft)	pH	Temperature °C	Conductivity (mS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	Volume Purged, Vp (mL)	No. of Well Screen Volumes Purged[4]
1130		7.86		7.02	20.6	8.212	79.2	1.19	5.93	2.0	
1135		7.90		7.06	20.0	7.960	76.2	0.41	4.30	0.1	
1140		7.85		7.05	20.5	7.978	78.9	0.42	3.32	0.2	
1145		7.87		7.05	20.9	8.033	79.9	0.40	3.56	0.3	
1150		7.86		7.05	20.6	8.077	80.9	0.38	3.35	0.4	

Notes

(1) The pump intake will be placed at the well screen mid-point or at a minimum of 2 ft above any sediment accumulated at the well bottom.

(2) The well screen volume will be based on a 5-foot screen length, $V_s = p*(D/2)^2*(5*12)*(2.54)^3$

(3) The drawdown from the initial water level should not exceed 0.3 ft.

(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stablization criteria and appear to be stablizing), No. of Well Screen Volumes Purged= Vp/Vs.

WELL PURGING FIELD INFORMATION FORM

JOB# 5|6|5|4|6 - 2|0

WELL# M|W - 1|6 - F|B

SITE/PROJECT NAME: GMCH Lockport Annual BCP Site GW Sampling

WELL PURGING INFORMATION

PURGE DATE (MM DD YY)	SAMPLE DATE (MM DD YY)	WATER VOL IN CASING (LITRES/GALLONS)	ACTUAL VOLUME PURGED (LITRES/GALLONS)
10 7 12 3 12 14	10 7 12 3 12 14		10 5

PURGING AND SAMPLING EQUIPMENT

PURGING EQUIPMENT ..... DEDICATED (Y) N (CIRCLE ONE)

SAMPLING EQIPMENT ..... DEDICATED (Y) N (CIRCLE ONE)

PURGING DEVICE	B	A - SUBMERSIBLE PUMP B - PERISTALTIC PUMP	D - GAS LIFT PUMP E - PURGE PUMP	G - BAILER H - WATERRA®	X- PURGING OTHER (SPECIFY)
SAMPLING DEVICE	B	C - BLADDER PUMP	F - DIPPER BOTTLE		X- SAMPLING OTHER (SPECIFY)
PURGING DEVICE	E	A - TEFLON B - STAINLESS STEEL	D - PVC E - POLYETHYLENE		X- PURGING OTHER (SPECIFY)
SAMPLING DEVICE	E	C - POLYPROPYLENE			X- SAMPLING OTHER (SPECIFY)
PURGING DEVICE	E	A - TEFLON B - TYGON	D - POLYPROPYLENE E - POLYETHYLENE	F - SILICONE G - COMBINATION TEFLON/ POLYPROPYLENE	X- PURGING OTHER (SPECIFY)
SAMPLING DEVICE	E	C - ROPE	X- (SPECIFY)		X- SAMPLING OTHER (SPECIFY)
FILTERING DEVICES 0.45		A - IN-LINE DISPOSABLE	B - PRESSURE	C - VACUUM	

FIELD MEASUREMENTS

WELL ELEVATION	1 6 1 2 2 6 (m/ft)	GROUNDWATER ELEVATION	1 6 0 4 9 3 (m/ft)
DEPTH TO WATER	1 7 7 3 (m/ft)	WELL DEPTH	1 1 4 3 4 (m/ft)

pH	TURBIDITY	CONDUCTIVITY	ORP	DO	SAMPLE TEMPERATURE
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)

FIELD COMMENTS

SAMPLE APPEARANCE: Good ODOR: None COLOR: Clear TURBIDITY: None

WEATHER CONDITIONS: WIND SPEED: 0-10 DIRECTION: SW PRECIPITATION Y/N OUTLOOK: N

SPECIFIC COMMENTS:

I CERTIFY THAT SAMPLING PROCEDURES WERE IN ACCORDANCE WITH APPLICABLE GM PROTOCOLS

7/23/14 DATE — Morgan Brown PRINT — SIGNATURE

FMG MODIFICATIONS MUST BE ACCOMPANIED BY A REVISION REQUEST FORM APPROVED BY THE PROJECT MANAGER

PID @ TOR = 0.0 PID @ breathing space = 0.0

MONITORING WELL RECORD FOR LOW-FLOW PURGING

Project Data:

Project Name: GMCH Lockport Annual BCA Site GW Sampling
Ref. No.: 56546.20 Task 4
Date: 7/25/24
Personnel: MBram

Monitoring Well Data:

Well No.: MW-8-1
Measurement Point: TOR
Constructed Well Depth (ft): 22.5
Measured Well Depth (ft): 20.06
Depth of Sediment (ft): 2.44

Screen Length (ft): 7
Depth to Pump Intake (ft)[1]: 17
Well Diameter, D (in): 2
Well Screen Volume, V_s (mL)[2]: 2.4
Initial Depth to Water (ft): 5.31

Time	Pumping Rate (mL/min)	Depth to Water (ft)	Drawdown from Initial Water Level[3] (ft)	pH	Temperature °C	Conductivity (mS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	Volume Purged, V_p (mL)	No. of Well Screen Volumes Purged[4]
1445		5.60		6.89	17.2	5.792	-158.8	1.73	9.22	0	
1450		5.71		6.93	16.7	5.798	-178.0	0.45	7.27	0.1	
1455		5.78		6.95	16.9	5.798	-198.5	0.31	6.27	0.2	
1500		5.82		6.96	16.9	5.792	-214.4	0.23	5.66	0.3	
1505		5.90		6.96	16.7	5.800	-223.4	0.20	7.91	0.5	
1510		5.95		6.96	17.0	5.770	-231.8	0.18	7.33	0.6	
1515		5.97		6.96	17.0	5.798	-236.7	0.17	7.90	0.7	

Notes:

(1) The pump intake will be placed at the well screen mid-point or at a minimum of 2 ft above any sediment accumulated at the well bottom.

(2) The well screen volume will be based on a 5-foot screen length, $V_s = p*(D/2)^2*(5*12)*(2.54)^3$

(3) The drawdown from the initial water level should not exceed 0.3 ft.

(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stablization criteria and appear to be stablizing), No. of Well Screen Volumes Purged= Vp/Vs.

WELL PURGING FIELD INFORMATION FORM

JOB# 516546 - 20

WELL# MW-8-1

SITE/PROJECT NAME: EMCH Lockport Annual BCP Site GW Sampling

WELL PURGING INFORMATION

PURGE DATE (MM DD YY)	SAMPLE DATE (MM DD YY)	WATER VOL IN CASING (LITRES/GALLONS)	ACTUAL VOLUME PURGED (LITRES/GALLONS)
01 7 15 7 14	01 7 15 7 14	12.4	10.8

PURGING AND SAMPLING EQUIPMENT

PURGING EQUIPMENT ... DEDICATED (Y) N (CIRCLE ONE)

SAMPLING EQIPMENT ... DEDICATED (Y) N (CIRCLE ONE)

PURGING DEVICE	B	A - SUBMERSIBLE PUMP B - PERISTALTIC PUMP	D - GAS LIFT PUMP E - PURGE PUMP	G - BAILER H - WATERRA®	X- PURGING OTHER (SPECIFY)
SAMPLING DEVICE	B	C - BLADDER PUMP	F - DIPPER BOTTLE		X- SAMPLING OTHER (SPECIFY)
PURGING DEVICE	E	A - TEFLON B - STAINLESS STEEL	D - PVC E - POLYETHYLENE		X- PURGING OTHER (SPECIFY)
SAMPLING DEVICE	E	C - POLYPROPYLENE			X- SAMPLING OTHER (SPECIFY)
PURGING DEVICE	E	A - TEFLON B - TYGON	D - POLYPROPYLENE E - POLYETHYLENE	F - SILICONE G - COMBINATION TEFLON/ POLYPROPYLENE	X- PURGING OTHER (SPECIFY)
SAMPLING DEVICE	E	C - ROPE	X- (SPECIFY)		X- SAMPLING OTHER (SPECIFY)
FILTERING DEVICES 0.45		A - IN-LINE DISPOSABLE	B - PRESSURE	C - VACUUM	

FIELD MEASUREMENTS

WELL ELEVATION	615.11 (m/ft)	GROUNDWATER ELEVATION	601.980 (m/ft)
DEPTH TO WATER	5.31 (m/ft)	WELL DEPTH	20.16 (m/ft)

pH	TURBIDITY	CONDUCTIVITY	ORP	DO	SAMPLE TEMPERATURE
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)

FIELD COMMENTS

SAMPLE APPEARANCE (Good) ODOR slight Sulfur COLOR clear TURBIDITY some

WEATHER CONDITIONS WIND SPEED 5-10 DIRECTION SW PRECIPITATION Y/N OUTLOOK N

SPECIFIC COMMENTS

I CERTIFY THAT SAMPLING PROCEDURES WERE IN ACCORDANCE WITH APPLICABLE CSI PROTOCOLS

DATE	PRINT	SIGNATURE
5/25/24	Maryann Brown	

FMG MODIFICATIONS MUST BE ACCOMPANIED BY A REVISION REQUEST FORM APPROVED BY THE PROJECT MANAGER

PID @ TOR = 0.0 PID @ breathing space = 0.0

MONITORING WELL RECORD FOR LOW-FLOW PURGING

Project Data:

Project Name: GMCH Lockport Annual BCP Site GW Sampling
Ref. No.: 56546.20 Task 4
Date: 7/25/24
Personnel: M. Brown

Monitoring Well Data:

Well No.: MW-8-2
Measurement Point: TOR
Constructed Well Depth (ft): 23.0
Measured Well Depth (ft): 22.71
Depth of Sediment (ft): 0.29

Screen Length (ft): 16-23
Depth to Pump Intake (ft)[1]: 19
Well Diameter, D (in): 2
Well Screen Volume, V_s (mL)[2]: 2.5
Initial Depth to Water (ft): 7.50

Time	Pumping Rate (mL/min)	Depth to Water (ft)	Drawdown from Initial Water Level[3] (ft)	pH	Temperature °C	Conductivity (mS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	Volume Purged, Vp (mL)	No. of Well Screen Volumes Purged[4]
1135	75	7.96		7.30	21.5	2.652	-111.7	1.28	2.70	0	
1140		8.40		7.20	21.2	1.437	-114.7	0.54	3.00	0.1	
1145		8.66		7.18	21.2	1.211	-113.5	0.45	2.44	0.3	
1155		8.62		7.16	21.2	1.164	-111.8	0.34	2.16	0.6	
1200		8.62		7.15	21.1	1.163	-111.6	0.31	2.13	0.75	

Notes:

(1) The pump intake will be placed at the well screen mid-point or at a minimum of 2 ft above any sediment accumulated at the well bottom.

(2) The well screen volume will be based on a 5-foot screen length, $V_s = p*(D/2)^2*(5*12)*(2.54)^3$

(3) The drawdown from the initial water level should not exceed 0.3 ft.

(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stablization criteria and appear to be stablizing), No. of Well Screen Volumes Purged = Vp/Vs.

* MS/MSD collected on 7/25/24

WELL PURGING FIELD INFORMATION FORM

JOB# 516546 - 20

SITE/PROJECT NAME: EMCH Lockport Annual BCP Site GW Sampling

WELL# MW-8-2

WELL PURGING INFORMATION

PURGE DATE (MM DD YY)	SAMPLE DATE (MM DD YY)	WATER VOL IN CASING (LITRES/GALLONS)	ACTUAL VOLUME PURGED (LITRES/GALLONS)
07 25 24	07 25 24	12.5	16.9

PURGING AND SAMPLING EQUIPMENT

PURGING EQUIPMENT ..... DEDICATED (Y) N (CIRCLE ONE)

SAMPLING EQUIPMENT ..... DEDICATED (Y) N (CIRCLE ONE)

PURGING DEVICE	B	A - SUBMERSIBLE PUMP B - PERISTALTIC PUMP	D - GAS LIFT PUMP E - PURGE PUMP	G - BAILER H - WATERRA®	X- PURGING OTHER (SPECIFY)
SAMPLING DEVICE	B	C - BLADDER PUMP	F - DIPPER BOTTLE		X- SAMPLING OTHER (SPECIFY)
PURGING DEVICE	E	A - TEFLON B - STAINLESS STEEL	D - PVC E - POLYETHYLENE		X- PURGING OTHER (SPECIFY)
SAMPLING DEVICE	E	C - POLYPROPYLENE			X- SAMPLING OTHER (SPECIFY)
PURGING DEVICE	E	A - TEFLON B - TYGON	D - POLYPROPYLENE E - POLYETHYLENE	F - SILICONE G - COMBINATION TEFLON/ POLYPROPYLENE	X- PURGING OTHER (SPECIFY)
SAMPLING DEVICE	E	C - ROPE	X- (SPECIFY)		X- SAMPLING OTHER (SPECIFY)
FILTERING DEVICES 0.45		A - IN-LINE DISPOSABLE	B - PRESSURE	C - VACUUM	

FIELD MEASUREMENTS

WELL ELEVATION	615.14 (m/ft)	GROUNDWATER ELEVATION	607.64 (m/ft)
DEPTH TO WATER	7.50 (m/ft)	WELL DEPTH	21.21 (m/ft)

pH	TURBIDITY	CONDUCTIVITY	ORP	DO	SAMPLE TEMPERATURE
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)

FIELD COMMENTS

SAMPLE APPEARANCE: Good ODOR: Solvent COLOR: Clear TURBIDITY: none

WEATHER CONDITIONS: WIND SPEED: 5-10 DIRECTION: SW PRECIPITATION Y/N OUTLOOK:

SPECIFIC COMMENTS:

MS/MSD

MW-8-2-072524-MS

MW-8-2-072524-MSD

I CERTIFY THAT SAMPLING PROCEDURES WERE IN ACCORDANCE WITH APPLICABLE GM PROTOCOLS

DATE	PRINT	SIGNATURE
07/25/24	Mary Brown	

FMG MODIFICATIONS MUST BE ACCOMPANIED BY A REVISION REQUEST FORM APPROVED BY THE PROJECT MANAGER

PID @ TOR = 0.0 PID @ breathing space = 0.0

MONITORING WELL RECORD FOR LOW-FLOW PURGING

Project Data:

Project Name: GMCH Lockport Annual BCP Site GW Sampling
Ref. No.: 56546.20 Task 4
Date: 7/25/24 - 7/26/24
Personnel: M. Brown

Monitoring Well Data:

Well No.: MW-8-3
Measurement Point: TOR
Constructed Well Depth (ft): 22.4
Measured Well Depth (ft): 22.04
Depth of Sediment (ft): 0.36

Screen Length (ft): 7
Depth to Pump Intake (ft)[1]: 19
Well Diameter, D (in): 2
Well Screen Volume, V_s (mL)[2]: 2.2
Initial Depth to Water (ft): 8.56

Time	Pumping Rate (mL/min)	Depth to Water (ft)	Drawdown from Initial Water Level[3] (ft)	pH	Temperature °C	Conductivity (mS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	Volume Purged, Vp (mL)	No. of Well Screen Volumes Purged[4]
7/25/24 1025		9.72		6.82	20.5	6.940	131.9	1.09	2.70	0.1	
1030		10.20		6.91	20.7	6.706	124.1	0.57	4.33	0.25	
1035		11.00		6.94	20.5	6.645	119.4	0.42	7.14	0.4	
1040		12.01		6.99	20.4	6.581	110.3	0.31	10.97	0.55	
1045		13.80		7.02	20.3	6.566	104.7	0.27	18.00	0.70	
1050		15.07		7.05	20.4	6.546	100.5	0.37	34.34	0.90	
1055		16.00		7.06	20.4	6.548	99.4	0.51	40.30	1.0	
1100		16.40		7.09	20.4	6.655	-16.1	0.47	77.88	1.25	
1105		17.05		7.10	20.3	6.546	43.5	1.76	61.40	1.5	
7/26/24 1110		18.76		6.98	20.2	6.787	8.7	0.74	24.90	2.0	
1410		9.89		6.86	20.4	6.876	123.9	1.06	1.97	0.1	

Notes

(1) The pump intake will be placed at the well screen mid-point or at a minimum of 2 ft above any sediment accumulated at the well bottom.

(2) The well screen volume will be based on a 5-foot screen length, $V_s = p*(D/2)^2*(5*12)*(2.54)^3$

(3) The drawdown from the initial water level should not exceed 0.3 ft.

(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stablization criteria and appear to be stablizing), No. of Well Screen Volumes Purged= Vp/Vs.

WELL PURGING FIELD INFORMATION FORM

JOB# 5 6 5 4 6 - 2 0

SITE/PROJECT NAME: EMCH Lockport Annual BCP Site GW Sampling

WELL# M W - 8 - 3

WELL PURGING INFORMATION

PURGE DATE (MM DD YY)	SAMPLE DATE (MM DD YY)	WATER VOL IN CASING (LITRES/GALLONS)	ACTUAL VOLUME PURGED (LITRES/GALLONS)
01 07 21 24	01 07 21 24	12.2	13.1

PURGING AND SAMPLING EQUIPMENT

PURGING EQUIPMENT ... DEDICATED (Y) N (CIRCLE ONE)

SAMPLING EQIPMENT ... DEDICATED (Y) N (CIRCLE ONE)

PURGING DEVICE	B	A - SUBMERSIBLE PUMP B - PERISTALTIC PUMP	D - GAS LIFT PUMP E - PURGE PUMP	G - BAILER H - WATERRA®	X- PURGING OTHER (SPECIFY)
SAMPLING DEVICE	B	C - BLADDER PUMP	F - DIPPER BOTTLE		X- SAMPLING OTHER (SPECIFY)
PURGING DEVICE	E	A - TEFLON B - STAINLESS STEEL	D - PVC E - POLYETHYLENE		X- PURGING OTHER (SPECIFY)
SAMPLING DEVICE	E	C - POLYPROPYLENE			X- SAMPLING OTHER (SPECIFY)
PURGING DEVICE	E	A - TEFLON B - TYGON	D - POLYPROPYLENE E - POLYETHYLENE	F - SILICONE G - COMBINATION TEFLON/ POLYPROPYLENE	X- PURGING OTHER (SPECIFY)
SAMPLING DEVICE	E	C - ROPE	X- (SPECIFY)		X- SAMPLING OTHER (SPECIFY)
FILTERING DEVICES 0.45		A - IN-LINE DISPOSABLE	B - PRESSURE	C - VACUUM	

FIELD MEASUREMENTS

WELL ELEVATION	6 1 5 0 6 (m/ft)	GROUNDWATER ELEVATION	6 0 6 . 5 0 (m/ft)
DEPTH TO WATER	8 . 9 6 (m/ft)	WELL DEPTH	1 2 . 0 4 (m/ft)

pH	TURBIDITY	CONDUCTIVITY	ORP	DO	SAMPLE TEMPERATURE
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)

FIELD COMMENTS

SAMPLE APPEARANCE (Good) ODOR Slight Sulfur COLOR Orange TURBIDITY Some

WEATHER CONDITIONS WIND SPEED 0-10 DIRECTION SW PRECIPITATION Y/N OUTLOOK N

SPECIFIC COMMENTS

I CERTIFY THAT SAMPLING PROCEDURES WERE IN ACCORDANCE WITH APPLICABLE GM PROTOCOLS

DATE	PRINT	SIGNATURE
8/26/24	Nolan Bowe	

FMG MODIFICATIONS MUST BE ACCOMPANIED BY A REVISION REQUEST FORM APPROVED BY THE PROJECT MANAGER

PID @ TOR = 0.0 PID @ breathing space = 0.0

MONITORING WELL RECORD FOR LOW-FLOW PURGING

Project Data:

Project Name: GMCH Lockport Annual BCP Site GW Sampling
Ref. No.: 56546.20 Task 4
Date: 7/23/24
Personnel: M. Brown

Monitoring Well Data:

Well No.: MW-8-4
Measurement Point: TOR
Constructed Well Depth (ft): 21.8
Measured Well Depth (ft): 21.42
Depth of Sediment (ft): 0.38

Screen Length (ft): 14.8 - 21.8 = 7
Depth to Pump Intake (ft)[1]: 18
Well Diameter, D (in): 2
Well Screen Volume, V_s (mL)[2]: 7.1
Initial Depth to Water (ft): 8.32

Time	Pumping Rate (mL/min)	Depth to Water (ft)	Drawdown from Initial Water Level[3] (ft)	pH	Temperature °C	Conductivity (mS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	Volume Purged, Vp (mL)	No. of Well Screen Volumes Purged[4]
1230		8.90		7.08	20.5	14.806	-48.9	1.38	5.84	0	
1235		9.48		7.12	19.7	14.976	-55.2	0.69	5.85	0.2	
1240		9.85		7.13	19.7	14.944	-57.9	0.48	4.61	0.3	
1245		10.21		7.13	20.2	14.888	-60.3	0.43	5.80	0.4	
1250		10.50		7.13	19.4	14.584	-46.7	0.36	4.51	0.5	
1255		10.86		7.11	19.4	13.331	-33.5	0.33	4.38	0.65	
1300		11.10		7.12	19.8	12.620	-25.5	0.47	4.40	0.75	
1305		11.31		7.15	19.8	12.322	-23.3	0.80	4.85	0.85	
1310		11.35		7.16	19.8	12.275	-22.8	0.49	4.48	0.95-1	

Notes:

(1) The pump intake will be placed at the well screen mid-point or at a minimum of 2 ft above any sediment accumulated at the well bottom.

(2) The well screen volume will be based on a 5-foot screen length, $V_s = p^*(D/2)^{2*}(5*12)*(2.54)^3$

(3) The drawdown from the initial water level should not exceed 0.3 ft.

(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stablization criteria and appear to be stablizing), No. of Well Screen Volumes Purged= Vp/Vs.

WELL PURGING FIELD INFORMATION FORM

JOB# 5 6 5 4 6 - 2 0

SITE/PROJECT NAME: EMCH Lockport Annual BCP Site GW Sampling

WELL# M W - 8 - 4

WELL PURGING INFORMATION

PURGE DATE (MM DD YY)	SAMPLE DATE (MM DD YY)	WATER VOL IN CASING (LITRES/GALLONS)	ACTUAL VOLUME PURGED (LITRES/GALLONS)
0 7 / 2 3 / 2 4	0 7 / 2 3 / 2 4	2 1	N/A

PURGING AND SAMPLING EQUIPMENT

PURGING EQUIPMENT: ...DEDICATED (Y) N (CIRCLE ONE)

SAMPLING EQPMENT ...DEDICATED (Y) N (CIRCLE ONE)

PURGING DEVICE	B	A - SUBMERSIBLE PUMP B - PERISTALTIC PUMP	D - GAS LIFT PUMP E - PURGE PUMP	G - BAILER H - WATERRA®	X- PURGING OTHER (SPECIFY)
SAMPLING DEVICE	B	C - BLADDER PUMP	F - DIPPER BOTTLE		X- SAMPLING OTHER (SPECIFY)
PURGING DEVICE	E	A - TEFLON B - STAINLESS STEEL	D - PVC E - POLYETHYLENE		X- PURGING OTHER (SPECIFY)
SAMPLING DEVICE	E	C - POLYPROPYLENE			X- SAMPLING OTHER (SPECIFY)
PURGING DEVICE	E	A - TEFLON B - TYGON	D - POLYPROPYLENE E - POLYETHYLENE	F - SILICONE G - COMBINATION TEFLON/POLYPROPYLENE	X- PURGING OTHER (SPECIFY)
SAMPLING DEVICE	E	C - ROPE	X- (SPECIFY)		X- SAMPLING OTHER (SPECIFY)
FILTERING DEVICES 0.45		A - IN-LINE DISPOSABLE	B - PRESSURE	C - VACUUM	

FIELD MEASUREMENTS

WELL ELEVATION	6 1 3 0 1 1 (m/ft)	GROUNDWATER ELEVATION	6 0 4 6 9 (m/ft)
DEPTH TO WATER	1 8 3 2 1 (m/ft)	WELL DEPTH	2 1 8 4 2 1 (m/ft)

pH	TURBIDITY	CONDUCTIVITY	ORP	DO	SAMPLE TEMPERATURE
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)

FIELD COMMENTS

SAMPLE APPEARANCE: Good ODOR: None COLOR: clear TURBIDITY: Some

WEATHER CONDITIONS: WIND SPEED: 5-10 DIRECTION: SW PRECIPITATION Y/N OUTLOOK: N

SPECIFIC COMMENTS:

I CERTIFY THAT SAMPLING PROCEDURES WERE IN ACCORDANCE WITH APPLICABLE CM PROTOCOLS

7/23/24 DATE — Morgan Brown PRINT — SIGNATURE

EMG MODIFICATIONS MUST BE ACCOMPANIED BY A REVISION REQUEST FORM APPROVED BY THE PROJECT MANAGER

PID @ TOR = 2.8 PID @ breathing space = 0.0

MONITORING WELL RECORD FOR LOW-FLOW PURGING

Project Data:

Project Name: GMCH Lockport Annual BCA Site GW Sampling
Ref. No.: 56546.20 Task 4
Date: 7/18/24
Personnel: M. Brown

Monitoring Well Data:

Well No.: MW-8-003-B
Measurement Point: TOR
Constructed Well Depth (ft): 15
Measured Well Depth (ft): 14.37
Depth of Sediment (ft): 0.63

Screen Length (ft):
Depth to Pump Intake (ft)[1]: 12
Well Diameter, D (in):
Well Screen Volume, V_s (mL)[2]: 1.6
Initial Depth to Water (ft): 4.57

Time	Pumping Rate (mL/min)	Depth to Water (ft)	Drawdown from Initial Water Level[3] (ft)	pH	Temperature °C	Conductivity (mS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	Volume Purged, Vp (mL)	No. of Well Screen Volumes Purged[4]
0930		4.84		7.42	21.2	13.577	124.0	0.98	5.92	0	
0935		4.94		7.44	20.9	13.517	121.8	0.61	3.39	500	
0940		4.98		7.46	20.8	13.414	120.0	0.47	3.81	1000	
0945		4.99		7.48	20.9	13.332	120.5	0.50	3.08	1500	
0950		4.99		7.49	20.6	13.201	118.3	0.50	2.71	2000	
0955		4.99		7.52	20.6	13.014	134.1	0.47	2.58	2500	

Notes:

(1) The pump intake will be placed at the well screen mid-point or at a minimum of 2 ft above any sediment accumulated at the well bottom.

(2) The well screen volume will be based on a 5-foot screen length, $V_s = p*(D/2)^2*(5*12)*(2.54)^3$

(3) The drawdown from the initial water level should not exceed 0.3 ft.

(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stablization criteria and appear to be stablizing), No. of Well Screen Volumes Purged= Vp/Vs.

WELL PURGING FIELD INFORMATION FORM

JOB# 5|6|5|4|6 - 2|0

SITE/PROJECT NAME: CMCH Lockport Annual BCP Site GW Sampling

WELL# M|W| - 8 - 0|0|3 - B

WELL PURGING INFORMATION

PURGE DATE (MM DD YY)	SAMPLE DATE (MM DD YY)	WATER VOL IN CASING (LITRES/GALLONS)	ACTUAL VOLUME PURGED (LITRES/GALLONS)
0 7 1 1 8 2 4	0 7 1 1 8 2 4	1 1 1 6	1 1 1 0

PURGING AND SAMPLING EQUIPMENT

PURGING EQUIPMENT ....DEDICATED (Y) N (CIRCLE ONE)

SAMPLING EQIPMENT ....DEDICATED (Y) N (CIRCLE ONE)

PURGING DEVICE	B	A - SUBMERSIBLE PUMP B - PERISTALTIC PUMP	D - GAS LIFT PUMP E - PURGE PUMP	G - BAILER H - WATERRA®
SAMPLING DEVICE	B	C - BLADDER PUMP	F - DIPPER BOTTLE	
PURGING DEVICE	E	A - TEFLON B - STAINLESS STEEL	D - PVC E - POLYETHYLENE	
SAMPLING DEVICE	E	C - POLYPROPYLENE		
PURGING DEVICE	E	A - TEFLON B - TYGON	D - POLYPROPYLENE E - POLYETHYLENE	F - SILICONE G - COMBINATION TEFLON/ POLYPROPYLENE
SAMPLING DEVICE	E	C - ROPE	X- (SPECIFY)	
FILTERING DEVICES 0.45		A - IN-LINE DISPOSABLE	B - PRESSURE	C - VACUUM

X- PURGING OTHER (SPECIFY)

X- SAMPLING OTHER (SPECIFY)

X- PURGING OTHER (SPECIFY)

X- SAMPLING OTHER (SPECIFY)

X- PURGING OTHER (SPECIFY)

X- SAMPLING OTHER (SPECIFY)

FIELD MEASUREMENTS

WELL ELEVATION	6|1|0.9|4| (m/ft)	GROUNDWATER ELEVATION	6|0|6.3|7| (m/ft)
DEPTH TO WATER	1|4.5|7| (m/ft)	WELL DEPTH	1|4.3|7| (m/ft)

pH	TURBIDITY	CONDUCTIVITY	ORP	DO	SAMPLE TEMPERATURE
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)

FIELD COMMENTS

SAMPLE APPEARANCE: Good ODOR: solvent COLOR: yellow/cloudy TURBIDITY: Some

WEATHER CONDITIONS: WIND SPEED: 0-10 DIRECTION: SW PRECIPITATION Y/N OUTLOOK: N

SPECIFIC COMMENTS

MW-8-003-B-071824-MS

MW-8-003-B-071824-MSD

I CERTIFY THAT SAMPLING PROCEDURES WERE IN ACCORDANCE WITH APPLICABLE CM PROTOCOLS

DATE	PRINT	SIGNATURE
7/18/24	Morgan Brown	

FMG MODIFICATIONS MUST BE ACCOMPANIED BY A REVISION REQUEST FORM APPROVED BY THE PROJECT MANAGER

SAMPLE COLLECTION DATA SHEET - GROUNDWATER SAMPLING PROGRAM

PROJECT NAME GMCH Lockport Annual BCP Site GW Sampling

PROJECT NO. 56546.20 T4

SAMPLING CREW MEMBERS M. Brown

SUPERVISOR ~~Richard~~ Bohlen

DATE OF SAMPLE COLLECTION 07/16/24 - 08/01/24

[Note: For 2" dia. well, 1 ft. = 0.14 gal (imp) or 0.16 gal (us)]

Sample I.D. Number	Well No.	Measuring Point Elev. (ft. AMSL)	Bottom Depth (ft. btoc)	Water Depth (ft. btoc)	Water Elevation (ft. AMSL)	Well Volume (gallons)	Bailer Volume No. Bails	Volume Purged (gallons)	Field pH	Field Temp.	Field Cond.	Time	Sample Description & Analysis
MW-9-12-080124	MW-9-12	614.92	15.53	6.68	608.24	1.4		1.2	7.23	18.4	4353	1300	VOC MNA PAH
MW-9-101-A-072424	MW-9-101-A	613.53	12.23	4.83	608.70	1.2		0.6	7.00	22.1	8.163	1300	"
BLDG-10-MW-1-072424	BLDG-10-MW-1	615.05	15.55	5.80	609.25	1.6		0.8	6.78	22.1	2.916	1100	VOC MNA
MW-10-2 072224	MW-10-2	611.26	16.08	3.22	608.04	2.1		1.2	7.20	19.9	7.865	1330	"
MW-10-3 072224	MW-10-3	610.40	15.42	3.44	606.96	2.0		1.0	7.56	19.6	1.545	1130	"
TK-6-071624	TK-6	621.69	13.26	9.13	612.56	0.7		0.7	7.16	20.96	.055	1445	"

Additional Comments: Duplicate 01 - MW-10-2-072224
Duplicate 02 - BLDG-10-MW-1-072424

Copies to:

FMG MODIFICATIONS MUST BE ACCOMPANIED BY A REVISION REQUEST FORM APPROVED BY THE PROJECT MANAGER

PID@TOR = 0.0 PID@ breathing space = 0.0

MONITORING WELL RECORD FOR LOW-FLOW PURGING

Project Data:

Project Name: GMCH Lockport BCP Site Annual GW Sampling Date: 8/1/24
Ref. No.: 56546.20 T.4 Personnel: D. Brown

Monitoring Well Data:

Well No.: MW-9-12
Measurement Point: TOR
Constructed Well Depth (ft): 15.43
Measured Well Depth (ft): 15.53
Depth of Sediment (ft): —

Screen Length (ft):
Depth to Pump Intake (ft)[1]: ~11
Well Diameter, D (in):
Well Screen Volume, V_s (mL)[2]: 1.4
Initial Depth to Water (ft): 6.68

Time	Pumping Rate (mL/min)	Depth to Water (ft)	Drawdown from Initial Water Level[3] (ft)	pH	Temperature °C	Conductivity (mS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	Volume Purged, Vp (mL)	No. of Well Screen Volumes Purged[4]
1155	80	6.79		7.33	19.8	3.932	74.5	1.38	5.04	0	
1200		6.78		7.35	19.6	3.867	63.8	0.54	3.63	0.1	
1205		6.79		7.34	19.3	3.867	59.5	0.44	2.87	0.2	
1210		6.79		7.34	18.9	3.879	49.0	0.34	5.07	0.3	
1220		6.80		7.35	18.7	4.351	-133.9	0.21	14.46	0.6	
1225		6.79		7.23	20.0	4.375	-145.3	0.22	12.56	0.75	
1230		6.81		7.23	18.6	4.393	-155.2	0.17	15.53	0.8	
1235		6.82		7.23	18.5	4.383	-156.4	0.16	18.96	0.9	
1240		6.83		7.23	18.4	4.353	-157.1	0.15	19.23	0.1	

Notes:

(1) The pump intake will be placed at the well screen mid-point or at a minimum of 2 ft above any sediment accumulated at the well bottom.

(2) The well screen volume will be based on a 5-foot screen length. $V_s = p*(D/2)^{2}*(5*12)*(2.54)^3$

(3) The drawdown from the initial water level should not exceed 0.3 ft.

(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stablization criteria and appear to be stablizing), No. of Well Screen Volumes Purged= Vp/Vs.

WELL PURGING FIELD INFORMATION FORM

JOB# 5|6|5|4|6 - 2|0

SITE/PROJECT NAME: EMCH Lockport Annual BCP Site GW Sampling

WELL# M|W - 9 - 1|2

WELL PURGING INFORMATION

PURGE DATE (MM DD YY)	SAMPLE DATE (MM DD YY)	WATER VOL IN CASING (LITRES/GALLONS)	ACTUAL VOLUME PURGED (LITRES/GALLONS)
0 1 8 0 1 1 2 4	0 1 8 0 1 1 2 4	1 1 1 4	1 1 1 2

PURGING AND SAMPLING EQUIPMENT

PURGING EQUIPMENT: DEDICATED (Y) N (CIRCLE ONE)

SAMPLING EQIPMENT: DEDICATED (Y) N (CIRCLE ONE)

PURGING DEVICE	B	A - SUBMERSIBLE PUMP B - PERISTALTIC PUMP	D - GAS LIFT PUMP E - PURGE PUMP	G - BAILER H - WATERRA®	X- PURGING OTHER (SPECIFY)
SAMPLING DEVICE	B	C - BLADDER PUMP	F - DIPPER BOTTLE		X- SAMPLING OTHER (SPECIFY)
PURGING DEVICE	E	A - TEFLON B - STAINLESS STEEL	D - PVC E - POLYETHYLENE		X- PURGING OTHER (SPECIFY)
SAMPLING DEVICE	E	C - POLYPROPYLENE			X- SAMPLING OTHER (SPECIFY)
PURGING DEVICE	E	A - TEFLON B - TYGON	D - POLYPROPYLENE E - POLYETHYLENE	F - SILICONE G - COMBINATION TEFLON/ POLYPROPYLENE	X- PURGING OTHER (SPECIFY)
SAMPLING DEVICE	E	C - ROPE X- (SPECIFY)			X- SAMPLING OTHER (SPECIFY)
FILTERING DEVICES 0.45		A - IN-LINE DISPOSABLE	B - PRESSURE	C - VACUUM	

FIELD MEASUREMENTS

WELL ELEVATION	6 1 1 4 9 2 (m/ft)	GROUNDWATER ELEVATION	1 1 6 0 1 8 2 4 (m/ft)
DEPTH TO WATER	1 1 1 6 . 8 1 8 (m/ft)	WELL DEPTH	1 1 1 5 . 5 1 3 (m/ft)

pH	TURBIDITY	CONDUCTIVITY	ORP	DO	SAMPLE TEMPERATURE
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)

FIELD COMMENTS

SAMPLE APPEARANCE: Good ODOR: None COLOR: clear TURBIDITY: slightly

WEATHER CONDITIONS: WIND SPEED: 5-10 DIRECTION: SW PRECIPITATION Y/N OUTLOOK: N

SPECIFIC COMMENTS:

I CERTIFY THAT SAMPLING PROCEDURES WERE IN ACCORDANCE WITH APPLICABLE GM PROTOCOLS

DATE	PRINT	SIGNATURE
8/1/24	Morgan Brown	

EMG MODIFICATIONS MUST BE ACCOMPANIED BY A REVISION REQUEST FORM APPROVED BY THE PROJECT MANAGER

PID@TOR = 0.0 PID@ breathing space = 0.0

MONITORING WELL RECORD FOR LOW-FLOW PURGING

Project Data:

Project Name: GMCH Lockport BCP Site Annual GW Sampling Date: 7/24/24
Ref. No.: 56546.20 T.4 Personnel: M. Brown

Monitoring Well Data:

Well No.: MW-9-101-A
Measurement Point: TOR
Constructed Well Depth (ft): 12.54
Measured Well Depth (ft): 12.73
Depth of Sediment (ft): 0.21

Screen Length (ft): 5
Depth to Pump Intake (ft)[1]: ~8
Well Diameter, D (in): 2
Well Screen Volume, V_s (mL)[2]: 1.2
Initial Depth to Water (ft): 4.83

Time	Pumping Rate (mL/min)	Depth to Water (ft)	Drawdown from Initial Water Level[3] (ft)	pH	Temperature °C	Conductivity (mS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	Volume Purged, Vp (mL)	No. of Well Screen Volumes Purged[4]
1200		4.86		6.99	21.2	8.164	129.6	1.50	2.50	0.0	
1215		4.87		6.99	21.7	8.181	119.6	1.37	1.99	0.25	
1220		4.87		7.00	21.9	8.175	118.4	1.39	1.94	0.35	
1225		4.87		7.00	22.1	8.163	117.8	1.44	1.87	0.50	

Notes:

(1) The pump intake will be placed at the well screen mid-point or at a minimum of 2 ft above any sediment accumulated at the well bottom.

(2) The well screen volume will be based on a 5-foot screen length, $V_s = p*(D/2)^2*(5*12)*(2.54)^3$

(3) The drawdown from the initial water level should not exceed 0.3 ft.

(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stablization criteria and appear to be stablizing), No. of Well Screen Volumes Purged= Vp/Vs.

WELL PURGING FIELD INFORMATION FORM

JOB# 5 6 5 4 6 - 2 0

SITE/PROJECT NAME: EMCH Lockport Annual BCP Site GW Sampling

WELL# M W - 9 - 1 0 1 - A

WELL PURGING INFORMATION

PURGE DATE (MM DD YY)	SAMPLE DATE (MM DD YY)	WATER VOL IN CASING (LITRES/GALLONS)	ACTUAL VOLUME PURGED (LITRES/GALLONS)
07 24 24	07 24 24	12	106

PURGING AND SAMPLING EQUIPMENT

PURGING EQUIPMENT ... DEDICATED (Y) N (CIRCLE ONE)

SAMPLING EQIPMENT ... DEDICATED (Y) N (CIRCLE ONE)

PURGING DEVICE	B	A - SUBMERSIBLE PUMP B - PERISTALTIC PUMP	D - GAS LIFT PUMP E - PURGE PUMP	G - BAILER H - WATERRA®	X- PURGING OTHER (SPECIFY)
SAMPLING DEVICE	B	C - BLADDER PUMP	F - DIPPER BOTTLE		X- SAMPLING OTHER (SPECIFY)
PURGING DEVICE	E	A - TEFLON B - STAINLESS STEEL	D - PVC E - POLYETHYLENE		X- PURGING OTHER (SPECIFY)
SAMPLING DEVICE	E	C - POLYPROPYLENE			X- SAMPLING OTHER (SPECIFY)
PURGING DEVICE	E	A - TEFLON B - TYGON	D - POLYPROPYLENE E - POLYETHYLENE	F - SILICONE G - COMBINATION TEFLON/ POLYPROPYLENE	X- PURGING OTHER (SPECIFY)
SAMPLING DEVICE	E	C - ROPE	X- (SPECIFY)		X- SAMPLING OTHER (SPECIFY)
FILTERING DEVICES 0.45		A - IN-LINE DISPOSABLE	B - PRESSURE	C - VACUUM	

FIELD MEASUREMENTS

WELL ELEVATION	613.53 (m/ft)	GROUNDWATER ELEVATION	601.70 (m/ft)
DEPTH TO WATER	11.83 (m/ft)	WELL DEPTH	12.23 (m/ft)

pH	TURBIDITY	CONDUCTIVITY	ORP	DO	SAMPLE TEMPERATURE
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)

FIELD COMMENTS

SAMPLE APPEARANCE: Good ODOR: None COLOR: Clear TURBIDITY: sediment

WEATHER CONDITIONS: WIND SPEED: 5-10 DIRECTION: SW PRECIPITATION Y/N OUTLOOK: N

SPECIFIC COMMENTS:

I CERTIFY THAT SAMPLING PROCEDURES WERE IN ACCORDANCE WITH APPLICABLE CAT PROTOCOLS

7/24/24 — Maureen Brown — [signature]

DATE — PRINT — SIGNATURE

FMG MODIFICATIONS MUST BE ACCOMPANIED BY A REVISION REQUEST FORM APPROVED BY THE PROJECT MANAGER

PID@TOR = 3.8 PID@ breathing space = 0.5

MONITORING WELL RECORD FOR LOW-FLOW PURGING

Project Data:

Project Name: GMCH Lockport BCP Site Annual GW Sampling Date: 7/24/24
Ref. No.: 56546.20 T.4 Personnel: M. Brown

Monitoring Well Data:

Well No.: BLAG-10-MW-1
Measurement Point: TOR
Constructed Well Depth (ft): 16.0
Measured Well Depth (ft): 16.55
Depth of Sediment (ft): 0.45

Screen Length (ft): 5
Depth to Pump Intake (ft)[1]: 13
Well Diameter, D (in): 2
Well Screen Volume, V_s (mL)[2]: 1.6
Initial Depth to Water (ft): 5.80

Time	Pumping Rate (mL/min)	Depth to Water (ft)	Drawdown from Initial Water Level[3] (ft)	pH	Temperature °C	Conductivity (mS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	Volume Purged, Vp (mL)	No. of Well Screen Volumes Purged[4]
0955	*75	6.08		6.74	22.3	2.748	-22.2	1.18	1.96	0.0	
1000		6.19		6.72	21.9	2.784	-25.5	0.74	1.97	0.1	
1005		6.31		6.74	21.7	2.854	-27.6	0.51	2.08	0.2	
1010		6.43		6.74	21.6	2.888	-28.9	0.38	1.93	0.3	
1015		6.52		6.75	21.6	2.897	-30.7	0.31	2.03	0.4	
1020		6.58		6.75	21.5	2.904	-31.3	0.28	2.21	0.5	
1025		6.50		6.75	21.8	2.904	-31.3	0.44	2.53	0.6	
1030		6.48		6.75	21.1	2.916	-28.7	0.49	2.78	0.76	

Notes:

(1) The pump intake will be placed at the well screen mid-point or at a minimum of 2 ft above any sediment accumulated at the well bottom.

(2) The well screen volume will be based on a 5-foot screen length, $V_s = p*(D/2)^2*(5*12)*(2.54)^3$

(3) The drawdown from the initial water level should not exceed 0.3 ft.

(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stablization criteria and appear to be stablizing). No. of Well Screen Volumes Purged= Vp/Vs.

** Duplicate DZ collected on 7/24/24

* Lowest pump speed

WELL PURGING FIELD INFORMATION FORM

JOB# 5 6 5 4 6 - 2 0

SITE/PROJECT NAME: EMCH Lockport Annual BCP Site GW Sampling

WELL# B L D 6 - 1 0 MW-1

WELL PURGING INFORMATION

PURGE DATE (MM DD YY)	SAMPLE DATE (MM DD YY)	WATER VOL IN CASING (LITRES/GALLONS)	ACTUAL VOLUME PURGED (LITRES/GALLONS)
07/24/24	07/24/24	11.16	10.5

PURGING AND SAMPLING EQUIPMENT

PURGING EQUIPMENT DEDICATED (Y) N (CIRCLE ONE)

SAMPLING EQIPMENT DEDICATED (Y) N (CIRCLE ONE)

PURGING DEVICE	B	A - SUBMERSIBLE PUMP B - PERISTALTIC PUMP	D - GAS LIFT PUMP E - PURGE PUMP*	G - BAILER H - WATERRA®	X- PURGING OTHER (SPECIFY)
SAMPLING DEVICE	B	C - BLADDER PUMP	F - DIPPER BOTTLE		X- SAMPLING OTHER (SPECIFY)
PURGING DEVICE	E	A - TEFLON B - STAINLESS STEEL	D - PVC E - POLYETHYLENE		X- PURGING OTHER (SPECIFY)
SAMPLING DEVICE	E	C - POLYPROPYLENE			X- SAMPLING OTHER (SPECIFY)
PURGING DEVICE	E	A - TEFLON B - TYGON	D - POLYPROPYLENE E - POLYETHYLENE	F - SILICONE G - COMBINATION TEFLON/ POLYPROPYLENE	X- PURGING OTHER (SPECIFY)
SAMPLING DEVICE	E	C - ROPE	X- (SPECIFY)		X- SAMPLING OTHER (SPECIFY)
FILTERING DEVICES 0.45		A - IN-LINE DISPOSABLE	B - PRESSURE	C - VACUUM	

FIELD MEASUREMENTS

WELL ELEVATION	615.05 (m/ft)	GROUNDWATER ELEVATION	609.25 (m/ft)
DEPTH TO WATER	5.80 (m/ft)	WELL DEPTH	11.55 (m/ft)

pH	TURBIDITY	CONDUCTIVITY	ORP	DO	SAMPLE TEMPERATURE
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)

FIELD COMMENTS

SAMPLE APPEARANCE Good ODOR Solvent COLOR clouded TURBIDITY Clouded

WEATHER CONDITIONS WIND SPEED 5-10 DIRECTION SW PRECIPITATION Y/N OUTLOOK N

SPECIFIC COMMENTS Duplicate 02

I CERTIFY THAT SAMPLING PROCEDURES WERE IN ACCORDANCE WITH APPLICABLE GM PROTOCOLS

7/24/24 DATE — Maryann Brown PRINT — SIGNATURE

FMG MODIFICATIONS MUST BE ACCOMPANIED BY A REVISION REQUEST FORM APPROVED BY THE PROJECT MANAGER

PID@TOR = 0.4 PID@ breathing space = 0.0

MONITORING WELL RECORD FOR LOW-FLOW PURGING

Project Data:

Project Name: GMCH Lockport BCP Site Annual GW Sampling Date: 9/22/24
Ref. No.: 56546.20 T.4 Personnel: M. Brown

Monitoring Well Data:

Well No.: MW-10-2
Measurement Point: TOR
Constructed Well Depth (ft): 16.80
Measured Well Depth (ft): 16.08
Depth of Sediment (ft): 0.72

Screen Length (ft): 9.8 - 16.8 = 7
Depth to Pump Intake (ft)[1]: ~14
Well Diameter, D (in): 2
Well Screen Volume, V_s (mL)[2]: 7.1
Initial Depth to Water (ft): 3.72

Time	Pumping Rate (mL/min)	Depth to Water (ft)	Drawdown from Initial Water Level[3] (ft)	pH	Temperature °C	Conductivity (mS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	Volume Purged, Vp (mL)	No. of Well Screen Volumes Purged[4]
1220		3.67		7.44	20.9	12.486	-142.5	0.80	3.84	0	
1225		4.17		7.24	20.1	10.400	-139.0	0.48	3.68	0.1	
1230		4.76		7.24	20.7	10.674	-136.8	0.43	4.20	0.25	
1240		4.55		7.23	20.2	9.480	-116.8	0.34	6.30	0.5	
1245		~~4.74~~		7.22	~~19.7~~	8.325	-101.4	0.29	6.33	0.75	
1250		~~4.74~~		7.21	20.3	8.223	-100.2	0.29	7.20	0.86	
1255		4.74		7.21	20.5	8.175	-97.8	0.29	8.01	0.90	
1300		4.74		7.21	20.7	8.060	-95.6	0.28	8.81	1.0	
1305		4.76		7.20	~~19.9~~	~~8.635~~	-91.9	0.27	8.77	1.1	

Notes:

(1) The pump intake will be placed at the well screen mid-point or at a minimum of 2 ft above any sediment accumulated at the well bottom.

(2) The well screen volume will be based on a 5-foot screen length, $V_s = p*(D/2)^2*(5*12)*(2.54)^3$

(3) The drawdown from the initial water level should not exceed 0.3 ft.

(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stablization criteria and appear to be stablizing). No. of Well Screen Volumes Purged= Vp/Vs.

WELL PURGING FIELD INFORMATION FORM

JOB# 576546 - 20

SITE/PROJECT NAME: EMCH Lockport Annual BCP Site GW Sampling

WELL# MW-10-2

WELL PURGING INFORMATION

PURGE DATE (MM DD YY)	SAMPLE DATE (MM DD YY)	WATER VOL IN CASING (LITRES/GALLONS)	ACTUAL VOLUME PURGED (LITRES/GALLONS)
07/22/24	07/22/24	12.11	3

PURGING AND SAMPLING EQUIPMENT

PURGING EQUIPMENT ... DEDICATED (Y) N (CIRCLE ONE)

SAMPLING EQIPMENT ... DEDICATED (Y) N (CIRCLE ONE)

PURGING DEVICE	B	A - SUBMERSIBLE PUMP B - PERISTALTIC PUMP	D - GAS LIFT PUMP E - PURGE PUMP	G - BAILER H - WATERRA®	X- PURGING OTHER (SPECIFY)
SAMPLING DEVICE	B	C - BLADDER PUMP	F - DIPPER BOTTLE		X- SAMPLING OTHER (SPECIFY)
PURGING DEVICE	E	A - TEFLON B - STAINLESS STEEL	D - PVC E - POLYETHYLENE		X- PURGING OTHER (SPECIFY)
SAMPLING DEVICE	E	C - POLYPROPYLENE			X- SAMPLING OTHER (SPECIFY)
PURGING DEVICE	E	A - TEFLON B - TYGON	D - POLYPROPYLENE E - POLYETHYLENE	F - SILICONE G - COMBINATION TEFLON/ POLYPROPYLENE	X- PURGING OTHER (SPECIFY)
SAMPLING DEVICE	E	C - ROPE	X- (SPECIFY)		X- SAMPLING OTHER (SPECIFY)
FILTERING DEVICES 0.45		A - IN-LINE DISPOSABLE	B - PRESSURE	C - VACUUM	

FIELD MEASUREMENTS

WELL ELEVATION	611.216 (m/ft)	GROUNDWATER ELEVATION	608.014 (m/ft)
DEPTH TO WATER	3.202 (m/ft)	WELL DEPTH	611.08 (m/ft)

pH	TURBIDITY	CONDUCTIVITY	ORP	DO	SAMPLE TEMPERATURE
(std)	(ntu)	(umhos/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(umhos/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(umhos/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(umhos/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(umhos/cm) AT 25°C	(mV)	(mg/L)	(°C)

FIELD COMMENTS

SAMPLE APPEARANCE: Good ODOR: Solvent COLOR: yellow TURBIDITY: Some

WEATHER CONDITIONS: WIND SPEED: 0-10 DIRECTION: SW PRECIPITATION Y/N OUTLOOK: +/-

SPECIFIC COMMENTS: Duplicate #2 collected

I CERTIFY THAT SAMPLING PROCEDURES WERE IN ACCORDANCE WITH APPLICABLE GM PROTOCOLS

DATE	PRINT	SIGNATURE
7/22/24	Morgan Brown	

FMG MODIFICATIONS MUST BE ACCOMPANIED BY A REVISION REQUEST FORM APPROVED BY THE PROJECT MANAGER

PID@TOR = 0.3 PID@ breathing space = 0.0

MONITORING WELL RECORD FOR LOW-FLOW PURGING

Project Data:

Project Name: GMCH Lockport BCP Site Annual GW Sampling Date: 7/22/24
Ref. No.: 56546.20 T.4 Personnel: M. Brown

Monitoring Well Data:

Well No.: MW-10-3
Measurement Point: TOR
Constructed Well Depth (ft): 15.80
Measured Well Depth (ft): 15.42
Depth of Sediment (ft): 0.38

Screen Length (ft): 8.8 - 15.8 = 7
Depth to Pump Intake (ft)[1]: ~13'
Well Diameter, D (in): 2
Well Screen Volume, V_s (mL)[2]: 2.0
Initial Depth to Water (ft): 3.44

Time	Pumping Rate (mL/min)	Depth to Water (ft)	Drawdown from Initial Water Level[3] (ft)	pH	Temperature °C	Conductivity (mS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	Volume Purged, V_p (mL)	No. of Well Screen Volumes Purged[4]
1045	80*	3.63		7.57	20.1	1.578	178.6	1.70	2.45	0	
1055		3.85		7.58	19.9	1.563	125.6	0.74	2.94	0.2	
1100		4.94		7.58	18.7	1.559	120.7	0.67	2.91	0.3	
1105		4.90		7.57	19.3	1.550	117.7	0.64	2.86	0.4	
1110		4.89		7.56	19.6	1.545	113.0	0.70	2.80	0.5	

Notes:

(1) The pump intake will be placed at the well screen mid-point or at a minimum of 2 ft above any sediment accumulated at the well bottom.

(2) The well screen volume will be based on a 5-foot screen length, $V_s = p*(D/2)^2*(5*12)*(2.54)^3$

(3) The drawdown from the initial water level should not exceed 0.3 ft.

(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stablization criteria and appear to be stablizing). No. of Well Screen Volumes Purged = Vp/Vs.

* lowest pump setting

FMG MODIFICATIONS MUST BE ACCOMPANIED BY A REVISION REQUEST FORM APPROVED BY THE PROJECT MANAGER

WELL PURGING FIELD INFORMATION FORM

JOB# 5|6|5|4|6 - 2|0

SITE/PROJECT NAME: BCP Site GW Sampling & MCH Lockport Annual

WELL# M|W - 1|0 - S

WELL PURGING INFORMATION

PURGE DATE (MM DD YY)	SAMPLE DATE (MM DD YY)	WATER VOL IN CASING (LITRES/GALLONS)	ACTUAL VOLUME PURGED (LITRES/GALLONS)
7/12/24	7/12/24	12.10	11.9

PURGING AND SAMPLING EQUIPMENT

PURGING EQUIPMENT: DEDICATED (Y) N (CIRCLE ONE)

SAMPLING EQIPMENT: DEDICATED (Y) N (CIRCLE ONE)

PURGING DEVICE	B	A - SUBMERSIBLE PUMP B - PERISTALTIC PUMP	D - GAS LIFT PUMP E - PURGE PUMP	G - BAILER H - WATERRA®	X- PURGING OTHER (SPECIFY)
SAMPLING DEVICE	B	C - BLADDER PUMP	F - DIPPER BOTTLE		X- SAMPLING OTHER (SPECIFY)
PURGING DEVICE	E	A - TEFLON B - STAINLESS STEEL	D - PVC E - POLYETHYLENE		X- PURGING OTHER (SPECIFY)
SAMPLING DEVICE	E	C - POLYPROPYLENE			X- SAMPLING OTHER (SPECIFY)
PURGING DEVICE	E	A - TEFLON B - TYGON	D - POLYPROPYLENE E - POLYETHYLENE	F - SILICONE G - COMBINATION TEFLON/ POLYPROPYLENE	X- PURGING OTHER (SPECIFY)
SAMPLING DEVICE	E	C - ROPE	X- (SPECIFY)		X- SAMPLING OTHER (SPECIFY)
FILTERING DEVICES 0.45		A - IN-LINE DISPOSABLE	B - PRESSURE	C - VACUUM	

FIELD MEASUREMENTS

WELL ELEVATION	610.410 (m/ft)	GROUNDWATER ELEVATION	606.916 (m/ft)
DEPTH TO WATER	3.494 (m/ft)	WELL DEPTH	9.417 (m/ft)

pH	TURBIDITY	CONDUCTIVITY	ORP	DO	SAMPLE TEMPERATURE
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)

FIELD COMMENTS

SAMPLE APPEARANCE: Cloud ODOR: Slight solvent COLOR: Clear TURBIDITY: Some

WEATHER CONDITIONS: WIND SPEED: 8-10 DIRECTION: SW PRECIPITATION Y/N OUTLOOK: N/A

SPECIFIC COMMENTS:

I CERTIFY THAT SAMPLING PROCEDURES WERE IN ACCORDANCE WITH APPLICABLE GM PROTOCOLS

DATE: 7/22/24 PRINT: Morgan Brown SIGNATURE:

FMG MODIFICATIONS MUST BE ACCOMPANIED BY A REVISION REQUEST FORM APPROVED BY THE PROJECT MANAGER

PID@TOR = 0.0 PID@ breathing space = 0.0

MONITORING WELL RECORD FOR LOW-FLOW PURGING

Project Data:

Project Name: GMCH Lockport BCP 5 Yr Annual GW Sampling Date: 7/16/24
Ref. No.: 56546.20 T.4 Personnel: M. Brown

Monitoring Well Data:

Well No.: TK-6
Measurement Point: TOR
Constructed Well Depth (ft): —
Measured Well Depth (ft): 13.26
Depth of Sediment (ft): —

Screen Length (ft): —
Depth to Pump Intake (ft)[1]: 12
Well Diameter, D (in): 4
Well Screen Volume, V_s (mL)[2]: 0.7
Initial Depth to Water (ft): 9.13

Time	Pumping Rate (mL/min).	Depth to Water (ft)	Drawdown from Initial Water Level[3] (ft)	pH	Temperature °C	Conductivity (mS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	Volume Purged, Vp (mL)	No. of Well Screen Volumes Purged[4]
1035	280	9.20		7.09	22.0	6.040	147.9	2.96	1.85	0.0	
1040		9.28		7.13	21.2	6.059	147.1	2.76	1.60	0.15	
1045		9.31		7.15	21.6	6.071	145.0	2.67	1.65	0.25	
1055		9.33		7.15	21.5	6.047	142.6	2.52	1.69	0.45	
1100		9.36		7.16	20.9	6.055	141.5	2.46	1.80	0.55	

Notes:

(1) The pump intake will be placed at the well screen mid-point or at a minimum of 2 ft above any sediment accumulated at the well bottom.

(2) The well screen volume will be based on a 5-foot screen length, $V_s = p^*(D/2)^{2*}(5^*12)^*(2.54)^3$

(3) The drawdown from the initial water level should not exceed 0.3 ft.

(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stablization criteria and appear to be stablizing), No. of Well Screen Volumes Purged= Vp/Vs.

WELL PURGING FIELD INFORMATION FORM

JOB# 576546 - 20

SITE/PROJECT NAME: GMCH Lockport Annual BCP Site GW Sampling

WELL# TK-16

WELL PURGING INFORMATION

PURGE DATE (MM DD YY)	SAMPLE DATE (MM DD YY)	WATER VOL IN CASING (LITRES/GALLONS)	ACTUAL VOLUME PURGED (LITRES/GALLONS)
07 16 24	07 16 24	10.7	10.7

PURGING AND SAMPLING EQUIPMENT

PURGING EQUIPMENT ..... DEDICATED (Y) N (CIRCLE ONE)

SAMPLING EQIPMENT ..... DEDICATED (Y) N (CIRCLE ONE)

PURGING DEVICE	B	A - SUBMERSIBLE PUMP B - PERISTALTIC PUMP	D - GAS LIFT PUMP E - PURGE PUMP	G - BAILER H - WATERRA®	X- PURGING OTHER (SPECIFY)
SAMPLING DEVICE	B	C - BLADDER PUMP	F - DIPPER BOTTLE		X- SAMPLING OTHER (SPECIFY)
PURGING DEVICE	E	A - TEFLON B - STAINLESS STEEL	D - PVC E - POLYETHYLENE		X- PURGING OTHER (SPECIFY)
SAMPLING DEVICE	E	C - POLYPROPYLENE			X- SAMPLING OTHER (SPECIFY)
PURGING DEVICE	E	A - TEFLON B - TYGON	D - POLYPROPYLENE E - POLYETHYLENE	F - SILICONE G - COMBINATION TEFLON/ POLYPROPYLENE	X- PURGING OTHER (SPECIFY)
SAMPLING DEVICE	E	C - ROPE	X- (SPECIFY)		X- SAMPLING OTHER (SPECIFY)
FILTERING DEVICES 0.45		A - IN-LINE DISPOSABLE	B - PRESSURE	C - VACUUM	

FIELD MEASUREMENTS

WELL ELEVATION	1621.69 (m/ft)	GROUNDWATER ELEVATION	1612.96 (m/ft)
DEPTH TO WATER	9.13 (m/ft)	WELL DEPTH	13.26 (m/ft)

pH	TURBIDITY	CONDUCTIVITY	ORP	DO	SAMPLE TEMPERATURE
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)
(std)	(ntu)	(µm/cm) AT 25°C	(mV)	(mg/L)	(°C)

FIELD COMMENTS

SAMPLE APPEARANCE: Good ODOR: None COLOR: Clear TURBIDITY: none

WEATHER CONDITIONS: WIND SPEED 10-15 DIRECTION: SW PRECIPITATION Y/N OUTLOOK: Yes

SPECIFIC COMMENTS:

I CERTIFY THAT SAMPLING PROCEDURES WERE IN ACCORDANCE WITH APPLICABLE GM PROTOCOLS

7/16/24 (DATE) Matthew Brown (PRINT) (SIGNATURE)

FMG MODIFICATIONS MUST BE ACCOMPANIED BY A REVISION REQUEST FORM APPROVED BY THE PROJECT MANAGER

APPENDIX B

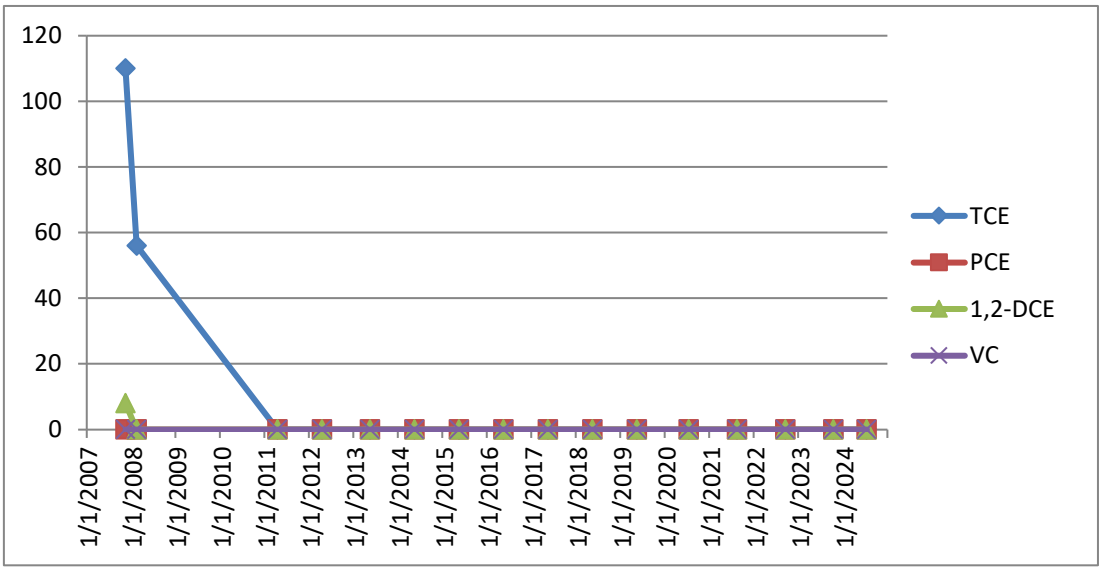
PREVIOUS ANALYTICAL RESULTS AND GRAPHS

MW-7-1R Groundwater Data

GM Components Holdings, LLC
Lockport, New York

Date	TCE	PCE	1,2-DCE	VC
11/30/2007	110	<	8	<
2/20/2008	56	<	<	<
4/27/2011	<	<	<	<
4/27/2012	<	<	<	<
5/6/2013	<	<	<	<
5/27/2014	<	<	<	<
5/11/2015	<	<	<	<
5/10/2016	<	<	<	<
5/4/2017	<	<	<	<
5/17/2018	<	<	<	<
5/24/2019	<	<	<	<
7/2/2020	<	<	<	<
8/23/2021	<	<	<	<
9/22/2022	<	<	<	<
10/11/2023	<	<	<	<
7/17/2024	<	<	<	<

Notes:
Results are provided in parts per billion (ppb)
1,2 DCE value includes total cis-1,2 DCE and trans 1,2 DCE.
< = non-detect laboratory result

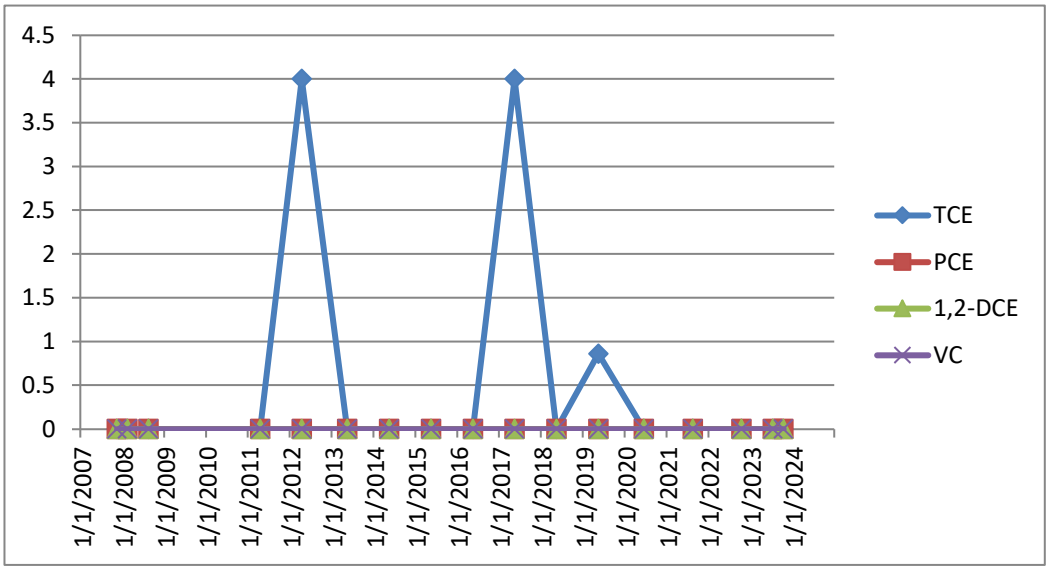


MW-7-2 Groundwater Data

GM Components Holdings, LLC
Lockport, New York

Date	TCE	PCE	1,2-DCE	VC
11/29/2007	<	<	<	<
2/20/2008	<	<	<	<
8/8/2008	<	<	<	<
4/27/2011	<	<	<	<
4/26/2012	4	<	<	<
5/6/2013	<	<	<	<
5/23/2014	<	<	<	<
5/12/2015	<	<	<	<
5/10/2016	<	<	<	<
5/10/2017	4	<	<	<
5/17/2018	<	<	<	<
5/23/2019	0.86	<	<	<
6/30/2020	<	<	<	<
8/23/2021	<	<	<	<
10/4/2022	<	<	<	<
10/17/2023	<	<	<	<
7/18/2023	<	<	<	<

Notes:
Results are provided in parts per billion (ppb)
1,2 DCE value includes total cis-1,2 DCE and trans 1,2 DCE.
< = non-detect laboratory result

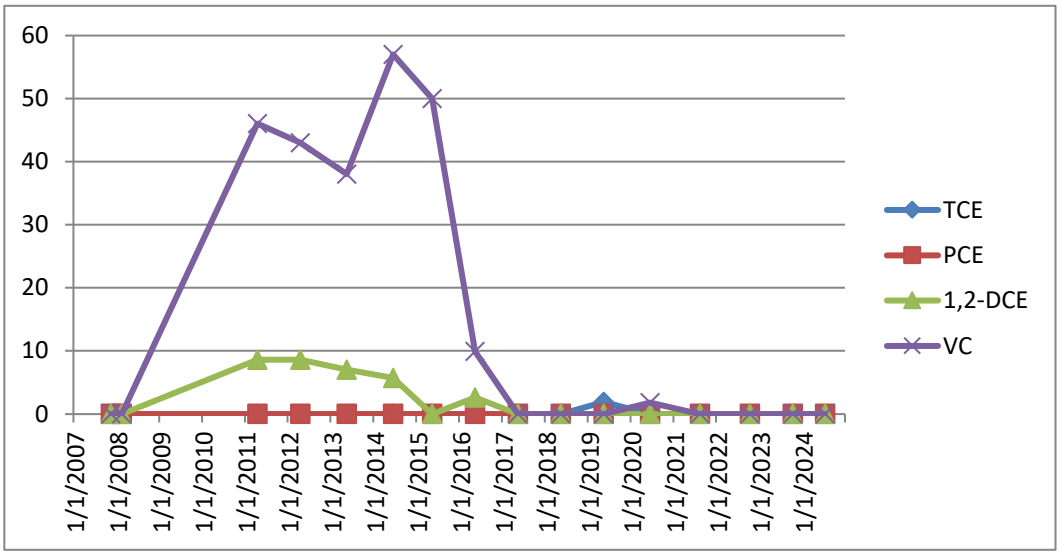


MW-7-3 Groundwater Data

GM Components Holdings, LLC
Lockport, New York

Date	TCE	PCE	1,2-DCE	VC
11/29/2007	<	<	<	<
2/20/2008	<	<	<	<
4/27/2011	<	<	8.6	46
4/27/2012	<	<	8.6	43
5/6/2013	<	<	7	38
6/3/2014	<	<	5.7	57
5/11/2015	<	<	<	50
5/10/2016	<	<	2.6	9.9
5/3/2017	<	<	<	<
5/17/2018	<	<	<	<
5/24/2019	1.9	<	<	<
6/30/2020	<	<	<	1.8
8/23/2021	<	<	<	<
10/5/2022	<	<	<	<
10/11/2023	<	<	<	<
7/17/2024	<	<	<	<

Notes:
Results are provided in parts per billion (ppb)
1,2 DCE value includes total cis-1,2 DCE and trans 1,2 DCE.
< = non-detect laboratory result

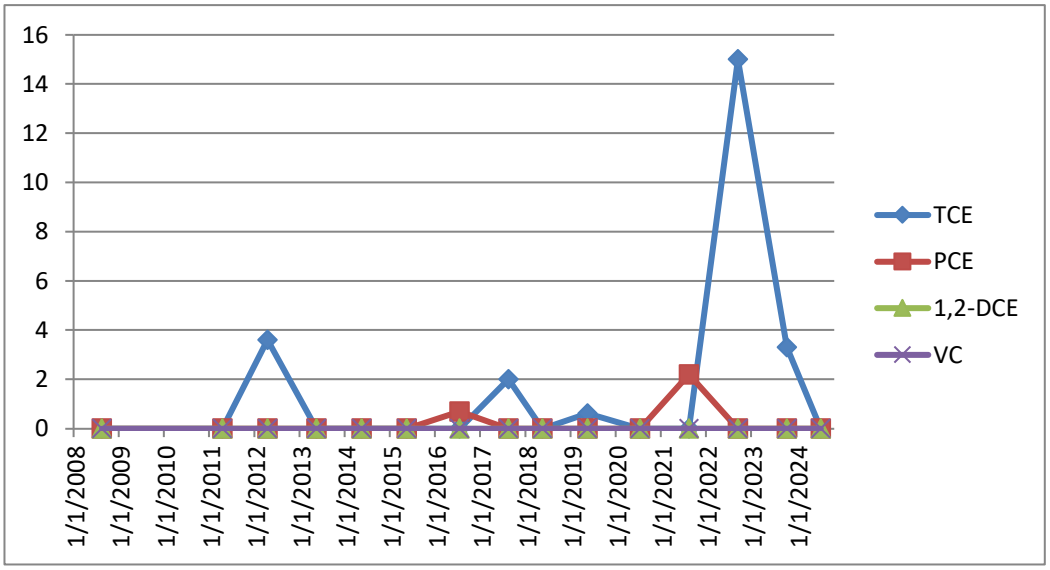


MW-7-4 Groundwater Data

GM Components Holdings, LLC
Lockport, New York

Date	TCE	PCE	1,2-DCE	VC
8/14/2008	<	<	<	<
4/27/2011	<	<	<	<
4/27/2012	3.6	<	<	<
5/7/2013	<	<	<	<
5/23/2014	<	<	<	<
5/11/2015	<	<	<	<
7/29/2016	<	0.69	<	<
8/15/2017	2	<	<	<
5/17/2018	<	<	<	<
5/24/2019	0.61	<	<	<
7/1/2020	<	<	<	<
8/24/2021	<	2.2	<	<
9/22/2022	15	<	<	<
10/18/2023	3.3	<	<	<
7/22/2024	NT	NT	NT	NT

Notes:
Results are provided in parts per billion (ppb)
1,2 DCE value includes total cis-1,2 DCE and trans 1,2 DCE.
< = non-detect laboratory result
7/22/2024 - sampling was not conducted due to limited well groundwater recovery.

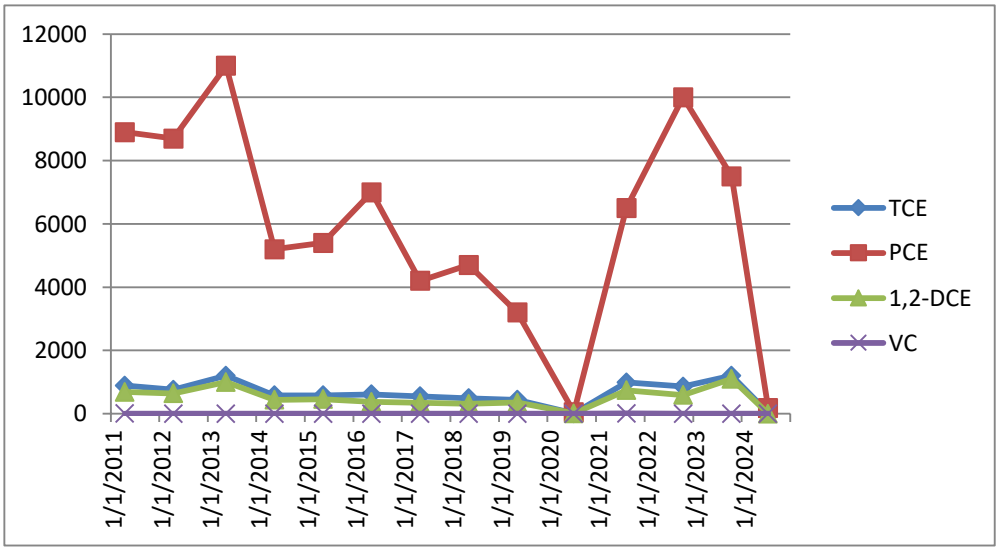


MW-7-5 Groundwater Data

GM Components Holdings, LLC
Lockport, New York

Date	TCE	PCE	1,2-DCE	VC
4/28/2011	890	8900	687	5.8
4/30/2012	760	8700	640	<
5/7/2013	1200	11000	1000	<
5/27/2014	580	5200	440	<
5/18/2015	580	5400	460	<
5/11/2016	610	7000	370	<
5/9/2017	550	4200	340	<
5/30/2018	490	4700	310	<
5/28/2019	440	3200	350	<
7/9/2020	7.4	48	5.6	<
8/23/2021	990	6500	742	5.4
10/5/2022	860	10000	590	<
10/19/2023	1200	7500	1100	<
7/17/2024	33	180	<	<

Notes:
Results are provided in parts per billion (ppb)
< = non-detect laboratory result
1,2 DCE value includes total cis-1,2 DCE and trans 1,2 DCE.

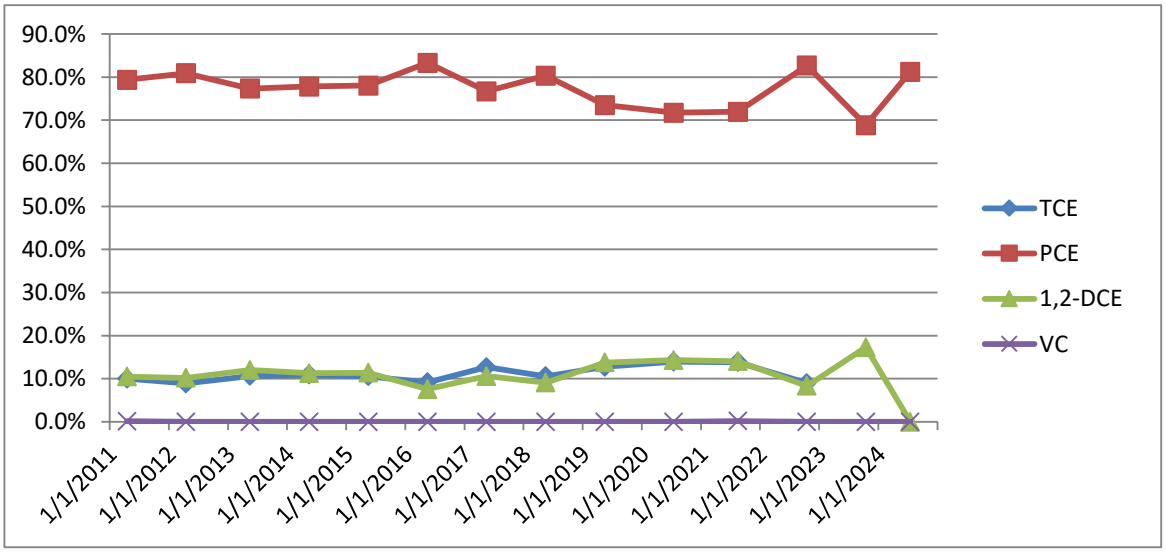


MW-7-5 Groundwater Data

GM Components Holdings, LLC
Lockport, New York

mmol/L					%			
TCE	PCE	1,2-DCE	VC	total	TCE	PCE	1,2-DCE	VC
0.006773212	0.053669	0.007089783	0.0000928	0.067625	10.0%	79.4%	10.5%	0.1%
0.005783866	0.052463	0.006604747	0	0.064852	8.9%	80.9%	10.2%	0.0%
0.00913242	0.066333	0.010319917	0	0.085785	10.6%	77.3%	12.0%	0.0%
0.004414003	0.031357	0.004540764	0	0.040312	10.9%	77.8%	11.3%	0.0%
0.004414003	0.032563	0.004747162	0	0.041725	10.6%	78.0%	11.4%	0.0%
0.004642314	0.042212	0.003818369	0	0.050673	9.2%	83.3%	7.5%	0.0%
0.004185693	0.025327	0.003508772	0	0.033022	12.7%	76.7%	10.6%	0.0%
0.003729072	0.028342	0.003199174	0	0.035271	10.6%	80.4%	9.1%	0.0%
0.003348554	0.019297	0.003611971	0	0.026257	12.8%	73.5%	13.8%	0.0%
5.63166E-05	0.000289	5.77915E-05	0	0.000404	14.0%	71.7%	14.3%	0.0%
0.007534247	0.039197	0.007657379	0.0000864	0.054475	13.8%	72.0%	14.1%	0.2%
0.006544901	0.060303	0.006088751	0	0.072936	9.0%	82.7%	8.3%	0.0%
0.00913242	0.045227	0.011351909	0	0.065711	13.9%	68.8%	17.3%	0.0%
0.000251142	0.001085	0	0	0.001337	18.8%	81.2%	0.0%	0.0%

Notes:
Results are provided in mmol/L and molar fractions
1,2 DCE value includes total cis-1,2 DCE and trans 1,2 DCE.

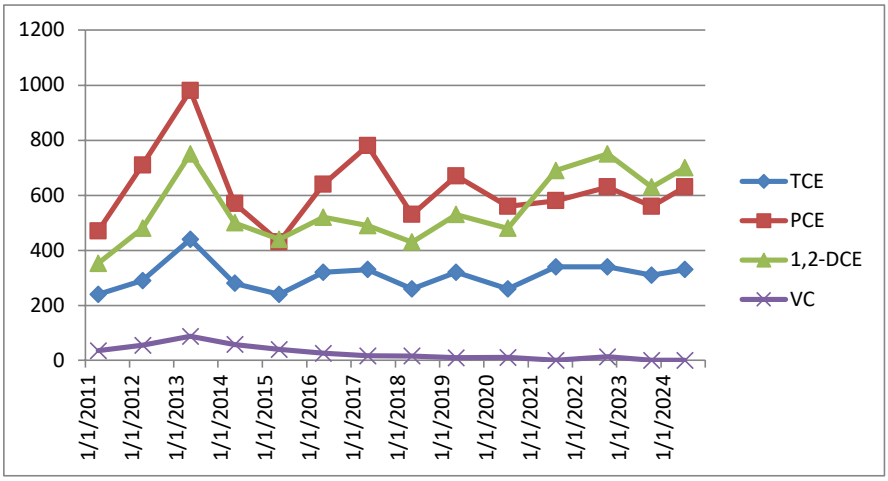


MW-7-6 Groundwater Data

GM Components Holdings, LLC
Lockport, New York

Date	TCE	PCE	1,2-DCE	VC
4/27/2011	240	470	353	35
4/30/2012	290	710	480	55
5/7/2013	440	980	750	88
5/28/2014	280	570	500	58
5/15/2015	240	430	440	40
5/11/2016	320	640	520	26
5/4/2017	330	780	490	17
5/30/2018	260	530	430	16
5/28/2019	320	670	530	10
7/7/2020	260	560	480	11
8/24/2021	340	580	690	<
10/6/2022	340	630	750	13
10/10/2023	310	560	630	<
7/17/2024	330	630	700	<

Notes:
Results are provided in parts per billion (ppb)
< = non-detect laboratory result
1,2 DCE value includes total cis-1,2 DCE and trans 1,2 DCE.

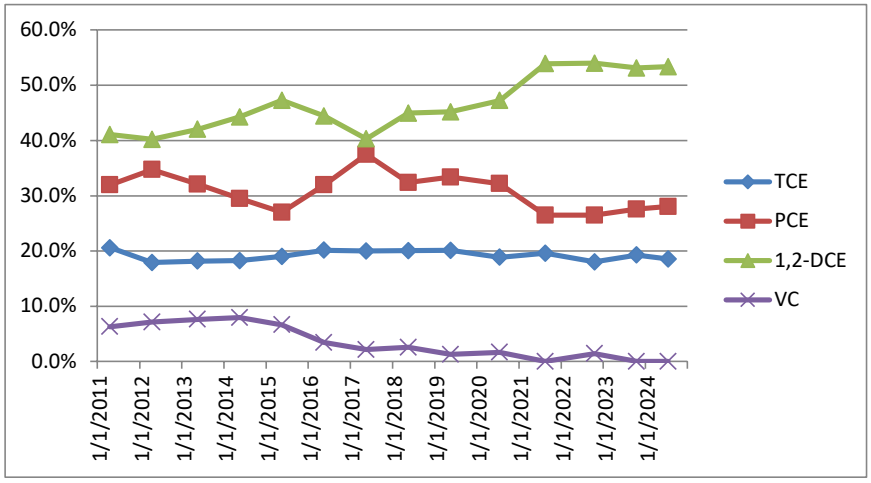


MW-7-6 Groundwater Data

GM Components Holdings, LLC
Lockport, New York

	mmol/L					%			
Date	TCE	PCE	1,2-DCE	VC	total	TCE	PCE	1,2-DCE	VC
4/27/2011	0.001826	0.002834	0.003643	0.00056	0.008864	20.6%	32.0%	41.1%	6.3%
4/30/2012	0.002207	0.004281	0.004954	0.00088	0.012322	17.9%	34.7%	40.2%	7.1%
5/7/2013	0.003349	0.00591	0.00774	0.001408	0.018406	18.2%	32.1%	42.1%	7.6%
5/28/2014	0.002131	0.003437	0.00516	0.000928	0.011656	18.3%	29.5%	44.3%	8.0%
5/15/2015	0.001826	0.002593	0.004541	0.00064	0.0096	19.0%	27.0%	47.3%	6.7%
5/11/2016	0.002435	0.003859	0.005366	0.000416	0.012077	20.2%	32.0%	44.4%	3.4%
5/4/2017	0.002511	0.004704	0.005057	0.000272	0.012544	20.0%	37.5%	40.3%	2.2%
5/30/2018	0.001979	0.003196	0.004438	0.000256	0.009868	20.1%	32.4%	45.0%	2.6%
5/28/2019	0.002435	0.00404	0.00547	0.00016	0.012105	20.1%	33.4%	45.2%	1.3%
7/7/2020	0.001979	0.003377	0.004954	0.000176	0.010485	18.9%	32.2%	47.2%	1.7%
8/24/2021	0.002588	0.003498	0.007121	0	0.013206	19.6%	26.5%	53.9%	0.0%
10/6/2022	0.002588	0.003799	0.00774	0.000208	0.014335	18.1%	26.5%	54.0%	1.5%
10/7/2022	0.002359	0.003377	0.006502	0	0.012238	19.3%	27.6%	53.1%	0.0%
7/17/2024	0.002511	0.003799	0.007224	0	0.013534	18.6%	28.1%	53.4%	0.0%

Notes:
Results are provided in mmol/L and molar fractions
1,2 DCE value includes total cis-1,2 DCE and trans 1,2 DCE.

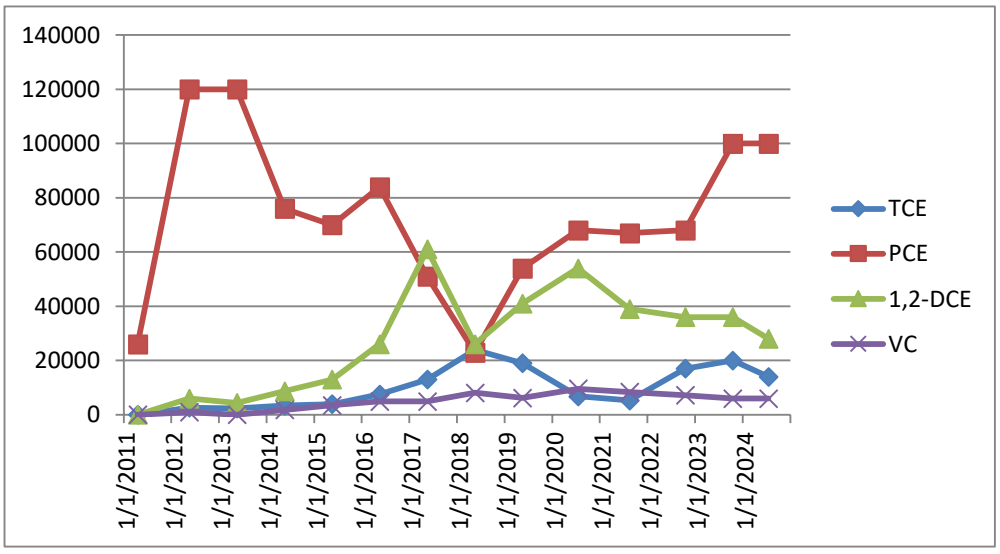


MW-7-7 Groundwater Data

GM Components Holdings, LLC
Lockport, New York

Date	TCE	PCE	1,2-DCE	VC
4/28/2011	<	26,000	<	<
5/1/2012	2,600	120,000	6,000	960
5/8/2013	2,300	120,000	4,400	<
5/29/2014	3,400	76,000	8,700	1,800
5/12/2015	3,900	70,000	13,000	3,500
5/12/2016	7,500	84,000	26,000	4,900
5/9/2017	13,000	51,000	61,000	4,900
5/18/2018	24,000	23,000	26,000	8,100
5/28/2019	19,000	54,000	41,000	6,200
7/7/2020	6,800	68,000	54,000	9,600
8/27/2021	5,300	67,000	39,000	8,400
10/4/2022	17,000	68,000	36,000	7,200
10/13/2023	20000	100000	36,000	6000
7/22/2024	14000	100000	28,000	6000

Notes:
Results are provided in parts per billion (ppb)
< = non-detect laboratory result
1,2 DCE value includes total cis-1,2 DCE and trans 1,2 DCE.
Results are the higher of the sample or its repective duplicate sample.

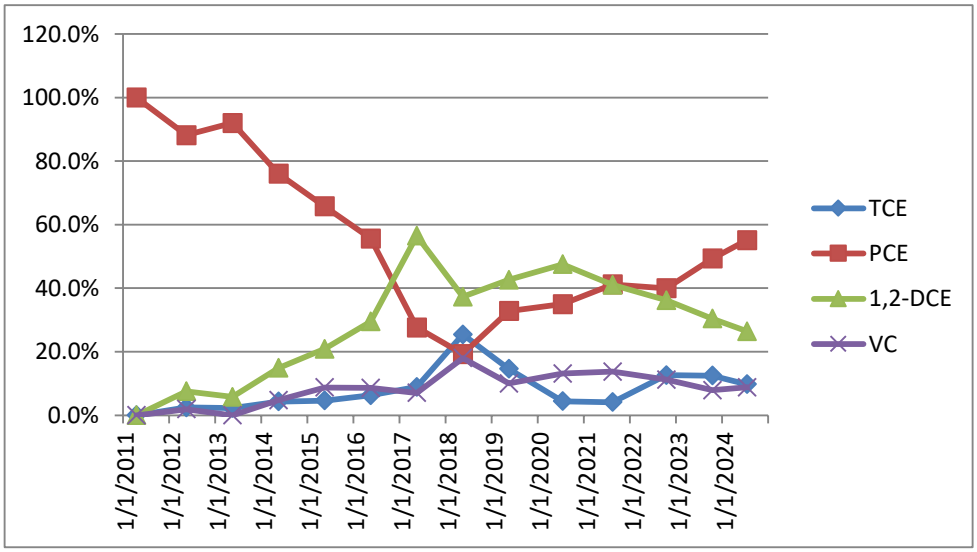


MW-7-7 Groundwater Data

GM Components Holdings, LLC
Lockport, New York

	mmol/L					%			
Date	TCE	PCE	1,2-DCE	VC	total	TCE	PCE	1,2-DCE	VC
4/28/2011	0	0.156787	0	0	0.156787	0.0%	100.0%	0.0%	0.0%
5/1/2012	0.019787	0.723633	0.06192	0.01536	0.820699	2.4%	88.2%	7.5%	1.9%
5/8/2013	0.017504	0.723633	0.045408	0	0.786544	2.2%	92.0%	5.8%	0.0%
5/29/2014	0.025875	0.458301	0.089783	0.0288	0.602759	4.3%	76.0%	14.9%	4.8%
5/12/2015	0.02968	0.422119	0.134159	0.056	0.641958	4.6%	65.8%	20.9%	8.7%
5/12/2016	0.057078	0.506543	0.268318	0.0784	0.910338	6.3%	55.6%	29.5%	8.6%
5/9/2017	0.098935	0.307544	0.629515	0.0784	1.114393	8.9%	27.6%	56.5%	7.0%
5/18/2018	0.182648	0.138696	0.268318	0.1296	0.719263	25.4%	19.3%	37.3%	18.0%
5/28/2019	0.144597	0.325635	0.423117	0.0992	0.992548	14.6%	32.8%	42.6%	10.0%
7/7/2020	0.05175	0.410058	0.557276	0.1536	1.172684	4.4%	35.0%	47.5%	13.1%
8/27/2021	0.040335	0.404028	0.402477	0.1344	0.98124	4.1%	41.2%	41.0%	13.7%
10/4/2022	0.129376	0.410058	0.371517	0.1152	1.026151	12.6%	40.0%	36.2%	11.2%
10/5/2022	0.152207	0.603027	0.371517	0.096	1.222751	12.4%	49.3%	30.4%	7.9%
10/6/2022	0.106545	0.603027	0.288958	0.096	1.09453	9.7%	55.1%	26.4%	8.8%

Notes
Results are provided in mmol/L and molar fractions
1,2 DCE value includes total cis-1,2 DCE and trans 1,2 DCE.

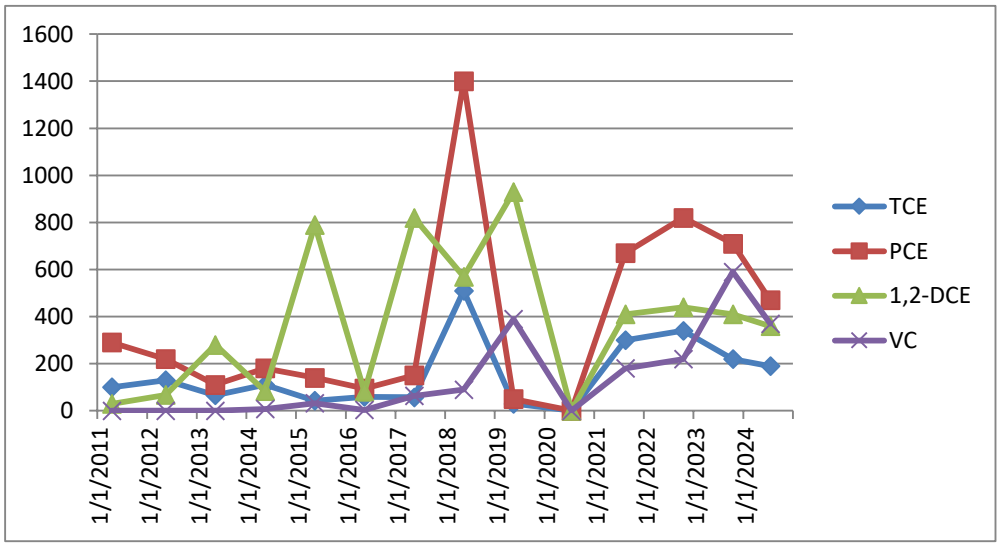


MW-7-8 Groundwater Data

GM Components Holdings, LLC
Lockport, New York

Date	TCE	PCE	1,2-DCE	VC
4/28/2011	100	290	29	<
5/2/2012	130	220	67	<
5/8/2013	66	110	280	<
5/29/2014	110	180	84	7.1
5/18/2015	43	140	790	32
5/13/2016	59	95	81	3.6
5/9/2017	57	150	820	63
5/30/2018	510	1400	570	90
5/31/2019	30	50	930	390
7/9/2020	<	<	<	<
8/27/2021	300	670	410	180
10/7/2022	340	820	440	220
10/17/2023	220	710	410	590
7/24/2024	190	470	360	370

Notes:
Results are provided in parts per billion (ppb)
< = non-detect laboratory result
1,2 DCE value includes total cis-1,2 DCE and trans 1,2 DCE.

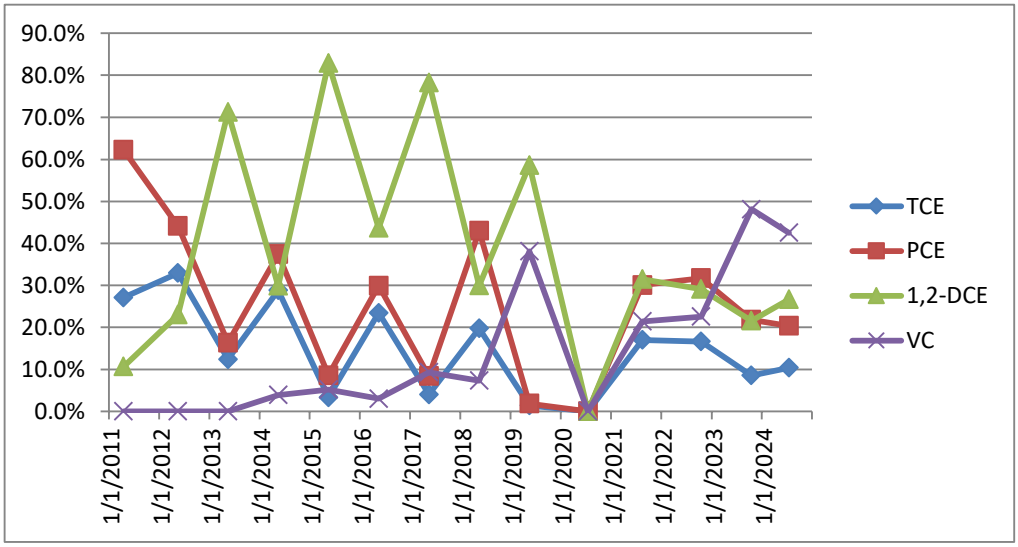


MW-7-8 Groundwater Data

GM Components Holdings, LLC
Lockport, New York

	mmol/L					%			
Date	TCE	PCE	1,2-DCE	VC	total	TCE	PCE	1,2-DCE	VC
4/28/2011	0.000761	0.001749	0.000299	0	0.002809	27.1%	62.3%	10.7%	0.0%
5/2/2012	0.000989	0.001327	0.000691	0	0.003007	32.9%	44.1%	23.0%	0.0%
5/8/2013	0.000502	0.000663	0.00289	0	0.004055	12.4%	16.4%	71.3%	0.0%
5/29/2014	0.000837	0.001085	0.000867	0.0001136	0.002903	28.8%	37.4%	29.9%	3.9%
5/18/2015	0.000327	0.000844	0.008153	0.000512	0.009836	3.3%	8.6%	82.9%	5.2%
5/13/2016	0.000449	0.000573	0.000836	0.0000576	0.001915	23.4%	29.9%	43.6%	3.0%
5/9/2017	0.000434	0.000905	0.008462	0.001008	0.010809	4.0%	8.4%	78.3%	9.3%
5/30/2018	0.003881	0.008442	0.005882	0.00144	0.019646	19.8%	43.0%	29.9%	7.3%
5/31/2019	0.000228	0.000302	0.009598	0.00624	0.016367	1.4%	1.8%	58.6%	38.1%
7/9/2020	0	0	0	0	0	0.0%	0.0%	0.0%	0.0%
8/27/2021	0.002283	0.00404	0.004231	0.00288	0.013435	17.0%	30.1%	31.5%	21.4%
10/7/2022	0.002588	0.004945	0.004541	0.00352	0.015593	16.6%	31.7%	29.1%	22.6%
10/17/2022	0.001674	0.004281	0.004231	0.00944	0.019627	8.5%	21.8%	21.6%	48.1%
7/24/2024	0.001446	0.002834	0.003715	0.00592	0.013915	10.4%	20.4%	26.7%	42.5%

Notes:
Results are provided in mmol/L and molar fractions
1,2 DCE value includes total cis-1,2 DCE and trans 1,2 DCE.

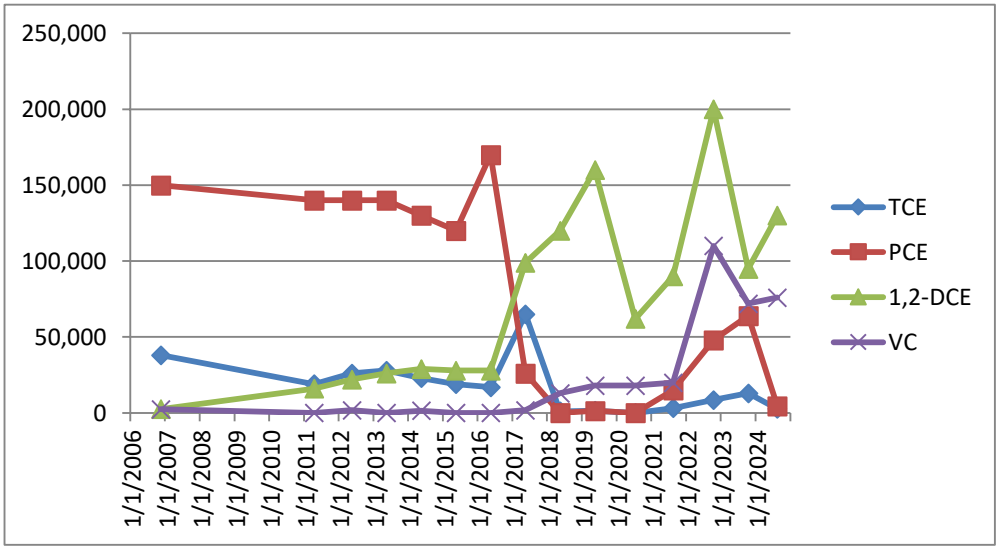


MW-7-A-6 Groundwater Data

GM Components Holdings, LLC
Lockport, New York

Date	TCE	PCE	1,2-DCE	VC
11/10/2006	38,000	150,000	2,600	2,500
4/28/2011	19,000	140,000	16,000	<
5/1/2012	26,000	140,000	22,000	1,800
5/8/2013	28,000	140,000	26,000	<
5/30/2014	23,000	130,000	29,000	1,500
5/15/2015	19,000	120,000	28,000	<
5/12/2016	17,000	170,000	28,000	<
5/9/2017	65,000	26,000	99,000	1,800
5/18/2018	1,100	<	120,000	13,000
5/28/2019	1,500	1,400	160,000	18,000
7/7/2020	<	<	62,000	18,000
8/27/2021	3,200	15,000	90,000	20,000
10/5/2022	8,600	48,000	200,000	110,000
10/19/2023	13,000	64,000	95,000	72,000
8/1/2024	2,800	4,600	130,000	76,000

Notes:
Results are provided in parts per billion (ppb)
< = non-detect laboratory result
1,2 DCE value includes total cis-1,2 DCE and trans 1,2 DCE.

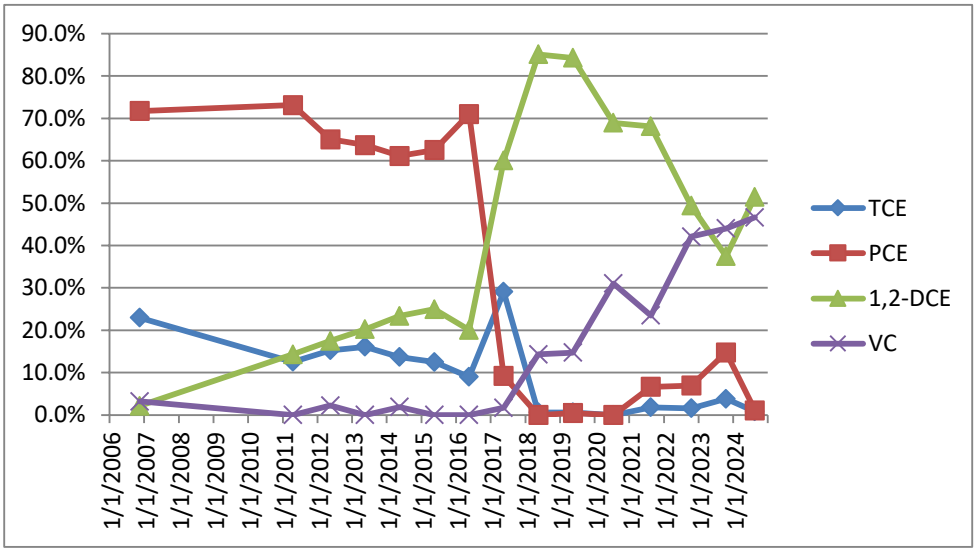


MW-7-A-6 Groundwater Data

GM Components Holdings, LLC
Lockport, New York

	mmol/L					%			
Date	TCE	PCE	1,2-DCE	VC	total	TCE	PCE	1,2-DCE	VC
11/10/2006	0.289193	0.904541	0.026832	0.04	1.260566	22.9%	71.8%	2.1%	3.2%
4/28/2011	0.144597	0.844238	0.165119	0	1.153953	12.5%	73.2%	14.3%	0.0%
5/1/2012	0.197869	0.844238	0.227038	0.0288	1.297945	15.2%	65.0%	17.5%	2.2%
5/8/2013	0.21309	0.844238	0.268318	0	1.325646	16.1%	63.7%	20.2%	0.0%
5/30/2014	0.175038	0.783935	0.299278	0.024	1.282251	13.7%	61.1%	23.3%	1.9%
5/15/2015	0.144597	0.723633	0.288958	0	1.157187	12.5%	62.5%	25.0%	0.0%
5/12/2016	0.129376	1.025146	0.288958	0	1.44348	9.0%	71.0%	20.0%	0.0%
5/9/2017	0.494673	0.156787	1.021672	0.0288	1.701932	29.1%	9.2%	60.0%	1.7%
5/18/2018	0.008371	0	1.23839	0.208	1.454761	0.6%	0.0%	85.1%	14.3%
5/28/2019	0.011416	0.008442	1.651187	0.288	1.959045	0.6%	0.4%	84.3%	14.7%
7/7/2020	0	0	0.639835	0.288	0.927835	0.0%	0.0%	69.0%	31.0%
8/27/2021	0.024353	0.090454	0.928793	0.32	1.3636	1.8%	6.6%	68.1%	23.5%
10/5/2022	0.065449	0.289453	2.063983	1.76	4.178886	1.6%	6.9%	49.4%	42.1%
10/19/2023	0.098935	0.385937	0.980392	1.152	2.617264	3.8%	14.7%	37.5%	44.0%
8/1/2024	0.021309	0.027739	1.341589	1.216	2.606637	0.8%	1.1%	51.5%	46.7%

Notes:
Results are provided in mmol/L and molar fractions
1,2 DCE value includes total cis-1,2 DCE and trans 1,2 DCE.

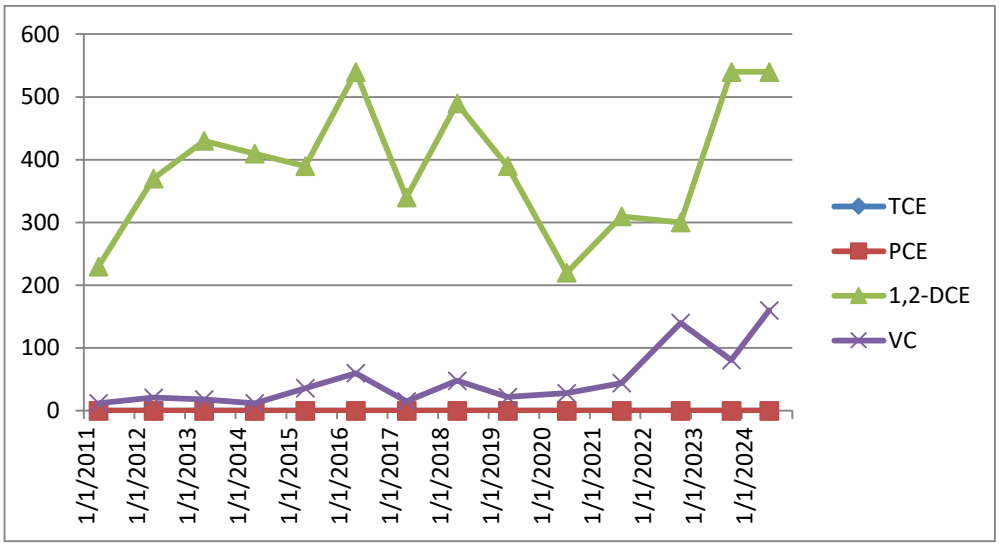


MW-7-C-2 Groundwater Data

GM Components Holdings, LLC
Lockport, New York

Date	TCE	PCE	1,2-DCE	VC
4/29/2011	<	<	230	12
5/3/2012	<	<	370	21
5/7/2013	<	<	430	18
5/28/2014	<	<	410	12
5/15/2015	<	<	390	36
5/11/2016	<	<	540	60
5/4/2017	<	<	340	15
5/30/2018	<	<	490	48
5/28/2019	<	<	390	22
7/9/2020	<	<	220	28
8/25/2021	<	<	310	44
10/4/2022	<	<	300	140
10/10/2023	<	<	540	81
7/18/2024	<	<	540	160

Notes:
Results are provided in parts per billion (ppb)
< = non-detect laboratory result
1,2 DCE value includes total cis-1,2 DCE and trans 1,2 DCE.



MW-7-C-2 Groundwater Data

GM Components Holdings, LLC
Lockport, New York

	mmol/L					%			
Date	TCE	PCE	1,2-DCE	VC	total	TCE	PCE	1,2-DCE	VC
4/29/2011	0	0	0.002374	0.000192	0.002566	0.0%	0.0%	92.5%	7.5%
5/3/2012	0	0	0.003818	0.000336	0.004154	0.0%	0.0%	91.9%	8.1%
5/7/2013	0	0	0.004438	0.000288	0.004726	0.0%	0.0%	93.9%	6.1%
5/28/2014	0	0	0.004231	0.000192	0.004423	0.0%	0.0%	95.7%	4.3%
5/15/2015	0	0	0.004025	0.000576	0.004601	0.0%	0.0%	87.5%	12.5%
5/11/2016	0	0	0.005573	0.00096	0.006533	0.0%	0.0%	85.3%	14.7%
5/4/2017	0	0	0.003509	0.00024	0.003749	0.0%	0.0%	93.6%	6.4%
5/30/2018	0	0	0.005057	0.000768	0.005825	0.0%	0.0%	86.8%	13.2%
5/28/2019	0	0	0.004025	0.000352	0.004377	0.0%	0.0%	92.0%	8.0%
7/9/2020	0	0	0.00227	0.000448	0.002718	0.0%	0.0%	83.5%	16.5%
8/25/2021	0	0	0.003199	0.000704	0.003903	0.0%	0.0%	82.0%	18.0%
10/4/2022	0	0	0.003096	0.00224	0.005336	0.0%	0.0%	58.0%	42.0%
10/10/2023	0	0	0.005573	0.001296	0.006869		0.0%	81.1%	18.9%
7/18/2024	0	0	0.005573	0.00256	0.008133		0.0%	68.5%	31.5%

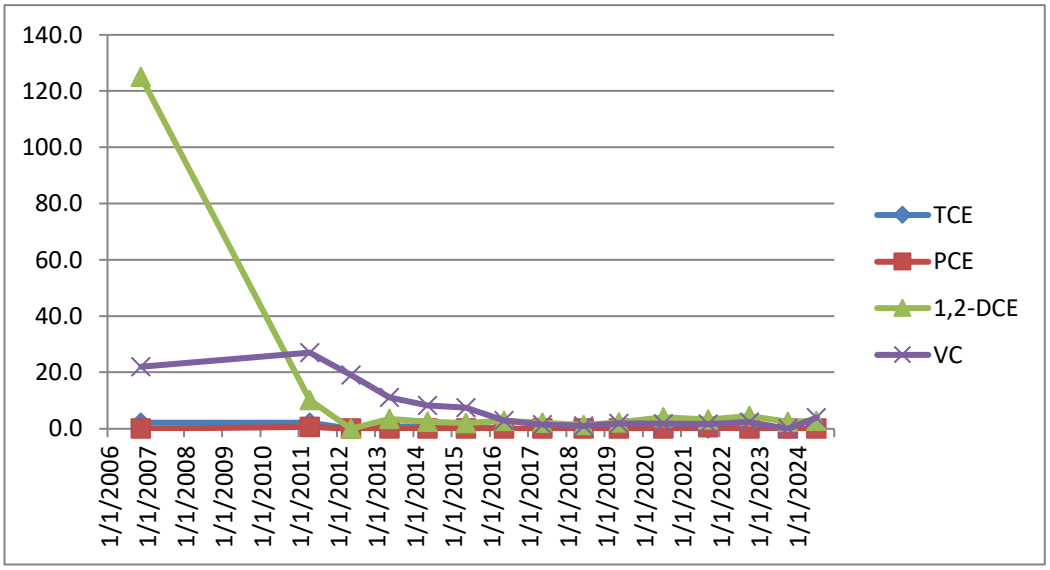
Notes:
Results are provided in mmol/L and molar fractions
1,2 DCE value includes total cis-1,2 DCE and trans 1,2 DCE.

MW-7-P-1 Groundwater Data

GM Components Holdings, LLC
Lockport, New York

Date	TCE	PCE	1,2-DCE	VC
11/14/2006	2.1	<	125	22
4/29/2011	2	0.6	10	27
5/3/2012	<	<	<	19
5/7/2013	0.74	<	3.4	11
5/16/2014	0.78	<	2.4	8.2
5/26/2015	0.93	<	2	7.4
5/13/2016	<	<	2.7	2.9
5/5/2017	<	<	2.1	1.4
6/1/2018	<	<	1.3	0.91
5/31/2019	<	<	2.2	1.8
7/13/2020	<	<	4	1.7
9/1/2021	<	0.46	3.2	1.6
10/6/2022	<	<	4.4	2.3
10/18/2023	<	<	2.4	<
7/16/2024	<	<	2.7	3.9

Notes:
Results are provided in parts per billion (ppb)
< = non-detect laboratory result
1,2 DCE value includes total cis-1,2 DCE and trans 1,2 DCE.

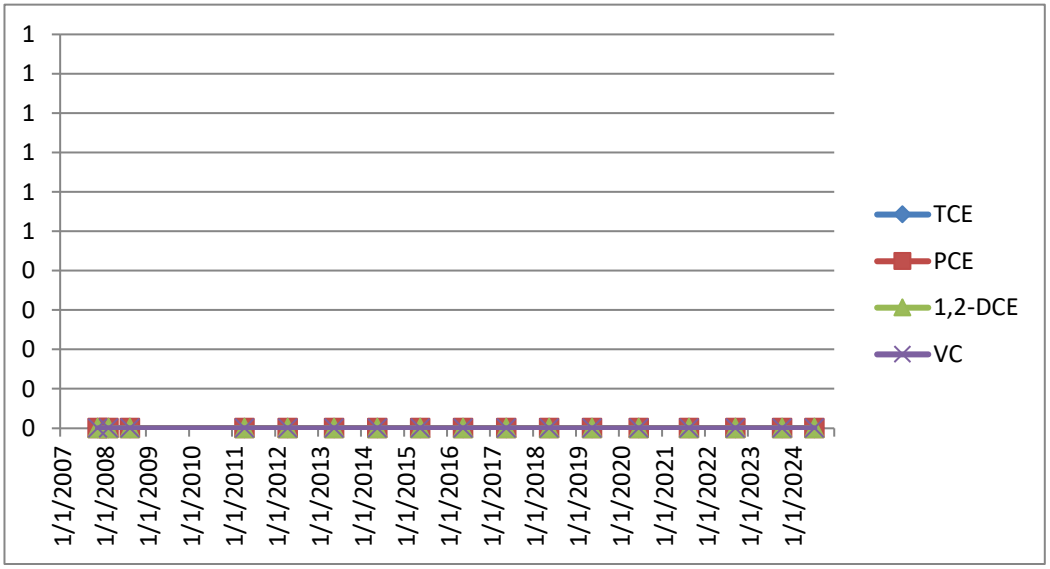


MW-6-1 Groundwater Data

GM Components Holdings, LLC
Lockport, New York

Date	TCE	PCE	1,2-DCE	VC
11/30/2007	<	<	<	<
2/20/2008	<	<	<	<
8/14/2008	<	<	<	<
4/27/2011	<	<	<	<
4/25/2012	<	<	<	<
5/14/2013	<	<	<	<
5/14/2014	<	<	<	<
5/13/2015	<	<	<	<
5/9/2016	<	<	<	<
5/3/2017	<	<	<	<
5/16/2018	<	<	<	<
5/21/2019	<	<	<	<
6/29/2020	<	<	<	<
8/24/2021	<	<	<	<
9/29/2022	<	<	<	<
10/16/2023	<	<	<	<
7/16/2024	<	<	<	<

Notes:
Results are provided in parts per billion (ppb)
< = non-detect laboratory result
1,2 DCE value includes total cis-1,2 DCE and trans 1,2 DCE.

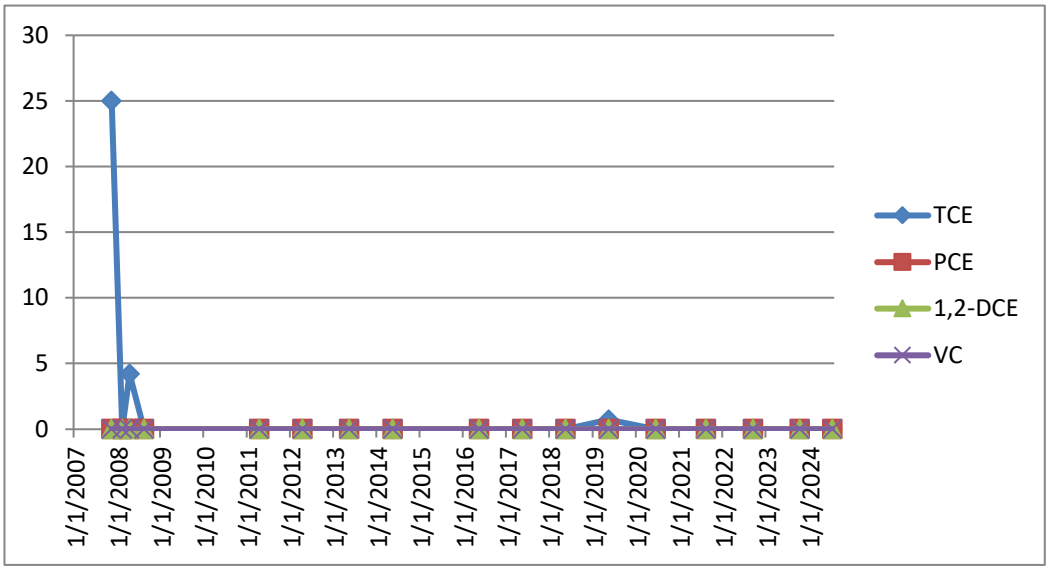


MW-6-2 Groundwater Data

GM Components Holdings, LLC
Lockport, New York

Date	TCE	PCE	1,2-DCE	VC
11/29/2007	25	<	<	<
2/20/2008	<	<	<	<
4/15/2008	4.2	<	<	<
8/14/2008	<	<	<	<
4/27/2011	<	<	<	<
4/25/2012	<	<	<	<
5/14/2013	<	<	<	<
5/14/2014	<	<	<	<
5/9/2016	<	<	<	<
5/3/2017	<	<	<	<
5/16/2018	<	<	<	<
5/21/2019	0.7	<	<	<
6/26/2020	<	<	<	<
8/24/2021	<	<	<	<
9/29/2022	<	<	<	<
10/16/2023	<	<	<	<
7/23/2024	<	<	<	<

Notes:
Results are provided in parts per billion (ppb)
< = non-detect laboratory result
1,2 DCE value includes total cis-1,2 DCE and trans 1,2 DCE.

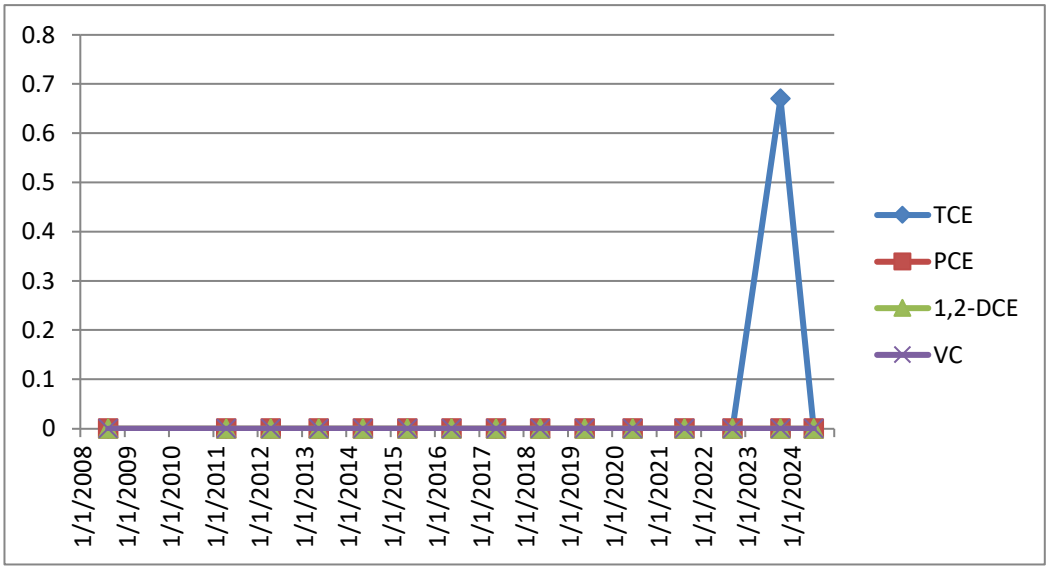


MW-6-F-8 Groundwater Data

GM Components Holdings, LLC
Lockport, New York

Date	TCE	PCE	1,2-DCE	VC
8/13/2008	<	<	<	<
4/27/2011	<	<	<	<
4/25/2012	<	<	<	<
5/14/2013	<	<	<	<
5/30/2014	<	<	<	<
5/14/2015	<	<	<	<
5/9/2016	<	<	<	<
5/1/2017	<	<	<	<
5/16/2018	<	<	<	<
5/14/2019	<	<	<	<
6/29/2020	<	<	<	<
8/26/2021	<	<	<	<
9/29/2022	<	<	<	<
10/6/2023	0.67	<	<	<
7/23/2024	<	<	<	<

Notes:
Results are provided in parts per billion (ppb)
< = non-detect laboratory result
1,2 DCE value includes total cis-1,2 DCE and trans 1,2 DCE.

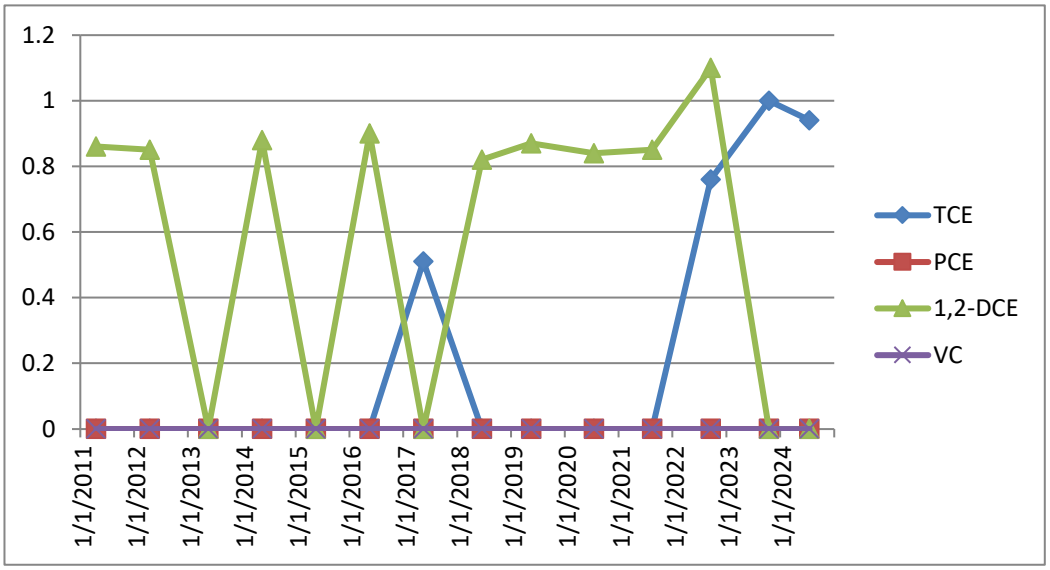


MW-8-1 Groundwater Data

GM Components Holdings, LLC
Lockport, New York

Date	TCE	PCE	1,2-DCE	VC
4/29/2011	<	<	0.86	<
4/30/2012	<	<	0.85	<
5/13/2013	<	<	<	<
5/15/2014	<	<	0.88	<
5/22/2015	<	<	<	<
5/16/2016	<	<	0.9	<
5/2/2017	0.51	<	<	<
6/1/2018	<	<	0.82	<
5/30/2019	<	<	0.87	<
7/10/2020	<	<	0.84	<
8/30/2021	<	<	0.85	<
9/27/2022	0.76	<	1.1	<
10/9/2023	1	<	<	<
7/25/2024	0.94	<	<	<

Notes:
Results are provided in parts per billion (ppb)
< = non-detect laboratory result
1,2 DCE value includes total cis-1,2 DCE and trans 1,2 DCE.

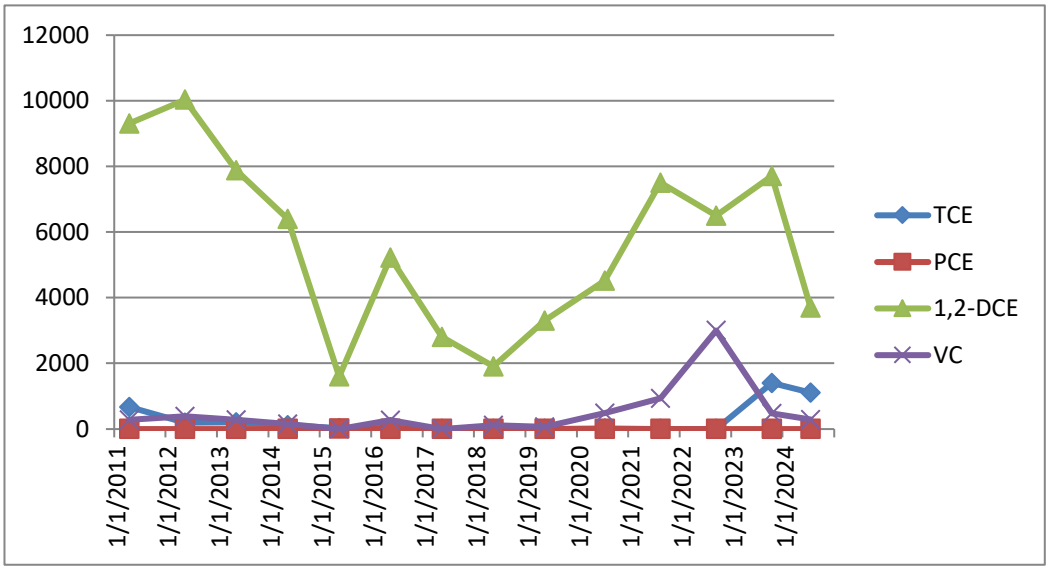


MW-8-2 Groundwater Data

GM Components Holdings, LLC
Lockport, New York

Date	TCE	PCE	1,2-DCE	VC
4/29/2011	660	<	9,300	270
5/3/2012	190	<	10,034	380
5/13/2013	200	<	7,877	270
5/16/2014	110	<	6400	150
5/22/2015	24	10	1,600	<
5/17/2016	47	<	5,216	260
5/2/2017	<	<	2,800	<
5/10/2018	<	<	1,900	110
5/30/2019	<	<	3,300	58
7/10/2020	11	<	4,512	480
8/30/2021	<	<	7,500	930
9/27/2022	<	<	6,500	3000
10/9/2023	1400	<	7,700	470
7/25/2024	1100	<	3,700	280

Notes:
Results are provided in parts per billion (ppb)
< = non-detect laboratory result
1,2 DCE value includes total cis-1,2 DCE and trans 1,2 DCE.

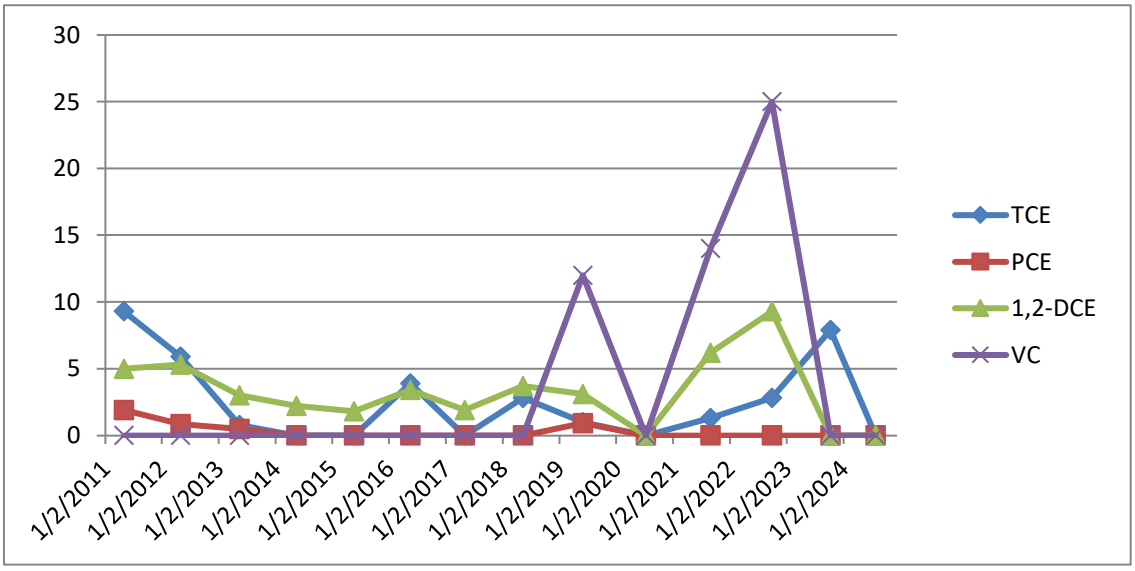


MW-8-3 Groundwater Data

GM Components Holdings, LLC
Lockport, New York

Date	TCE	PCE	1,2-DCE	VC
5/2/2011	9.3	1.9	5	<
5/1/2012	5.9	0.84	5.3	<
5/14/2013	0.78	0.49	3	<
5/16/2014	<	<	2.2	<
5/21/2015	<	<	1.8	<
5/18/2016	3.9	<	3.4	<
5/2/2017	<	<	1.9	<
5/11/2018	2.8	<	3.7	<
5/31/2019	1	0.91	3.1	12
7/10/2020	<	<	<	<
8/30/2021	1.3	<	6.2	14
9/28/2022	2.8	<	9.3	25
10/10/2023	7.9	<	<	<
7/26/2024	<	<	<	<

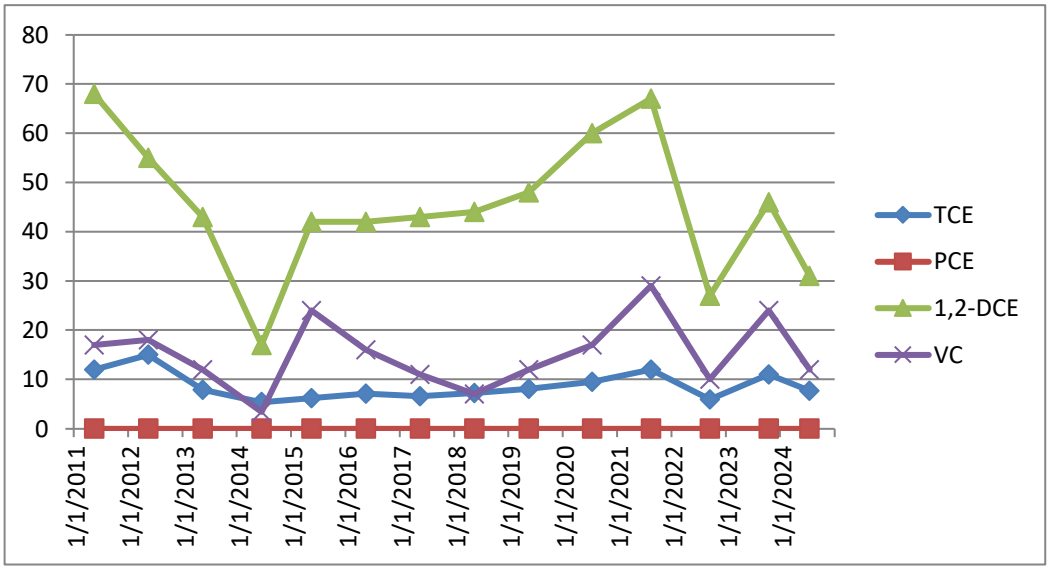
Notes:
Results are provided in parts per billion (ppb)
< = non-detect laboratory result
Results from 5/2/2011 are the higher of the sample or its respective duplicate sample.
1,2 DCE value includes total cis-1,2 DCE and trans 1,2 DCE.



MW-8-4 Groundwater Data
Building 8 BCP Site
GM Components Holdings, LLC
Lockport, New York

Date	TCE	PCE	1,2-DCE	VC
5/2/2011	12	<	68	17
5/1/2012	15	<	55	18
5/13/2013	7.9	<	43	12
6/2/2014	5.4	<	17	3.4
5/12/2015	6.2	<	42	24
5/9/2016	7.1	<	42	16
5/1/2017	6.6	<	43	11
5/11/2018	7.2	<	44	7
5/14/2019	8.1	<	48	12
7/2/2020	9.5	<	60	17
8/25/2021	12	<	67	29
9/28/2022	5.9	<	27	10
10/11/2023	11	<	46	24
7/23/2024	7.7	<	31	12

Notes:
Results are provided in parts per billion (ppb)
< = non-detect laboratory result
1,2 DCE value includes total cis-1,2 DCE and trans 1,2 DCE.

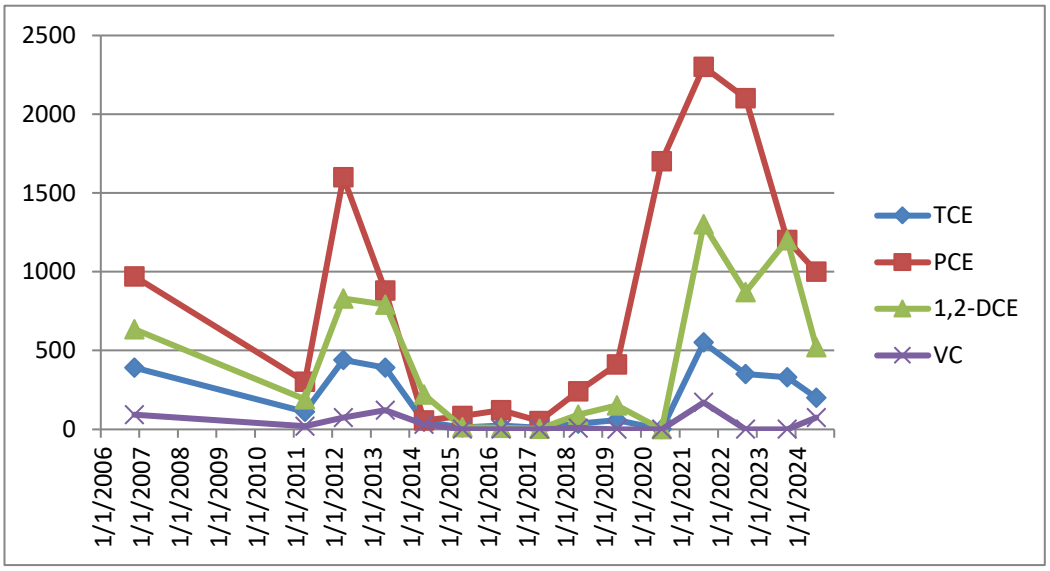


MW-8-003-B Groundwater Data

GM Components Holdings, LLC
Lockport, New York

Date	TCE	PCE	1,2-DCE	VC
11/11/2006	390	970	635	91
4/28/2011	110	300	190	19
4/30/2012	440	1,600	830	73
5/10/2013	390	880	790	120
5/29/2014	46	55	220	31
5/14/2015	10	83	12	<
5/16/2016	23	120	9.2	<
5/4/2017	7.7	52	2.6	<
5/30/2018	35	240	92	7.3
5/29/2019	58	410	150	<
7/10/2020	<	1700	<	<
8/26/2021	550	2300	1300	170
9/28/2022	350	2100	870	<
10/10/2023	330	1200	1200	<
7/18/2024	200	1000	520	74

Notes:
Results are provided in parts per billion (ppb)
< = non-detect laboratory result
1,2 DCE value includes total cis-1,2 DCE and trans 1,2 DCE.

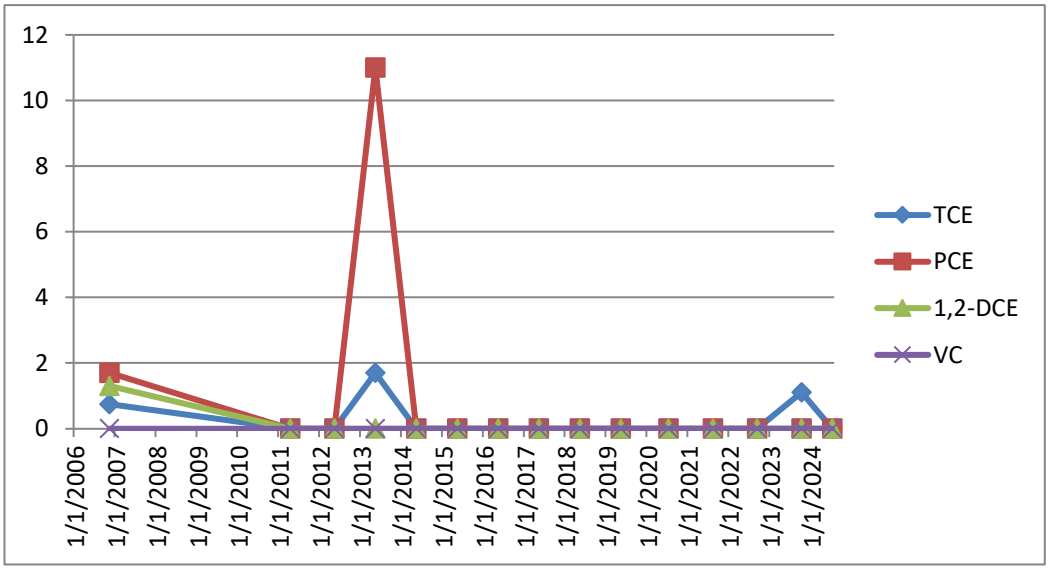


MW-9-101A Groundwater Data

GM Components Holdings, LLC
Lockport, New York

Date	TCE	PCE	1,2-DCE	VC
11/10/2006	0.74	1.7	1.3	<
4/28/2011	<	<	<	<
5/3/2012	<	<	<	<
5/13/2013	1.7	11	<	<
5/22/2014	<	<	<	<
5/21/2015	<	<	<	<
5/18/2016	<	<	<	<
5/5/2017	<	<	<	<
5/29/2018	<	<	<	<
5/23/2019	<	<	<	<
7/13/2020	<	<	<	<
8/31/2021	<	<	<	<
9/26/2022	<	<	<	<
10/6/2023	1.1	<	<	<
7/24/2024	<	<	<	<

Notes:
Results are provided in parts per billion (ppb)
< = non-detect laboratory result
1,2 DCE value includes total cis-1,2 DCE and trans 1,2 DCE.

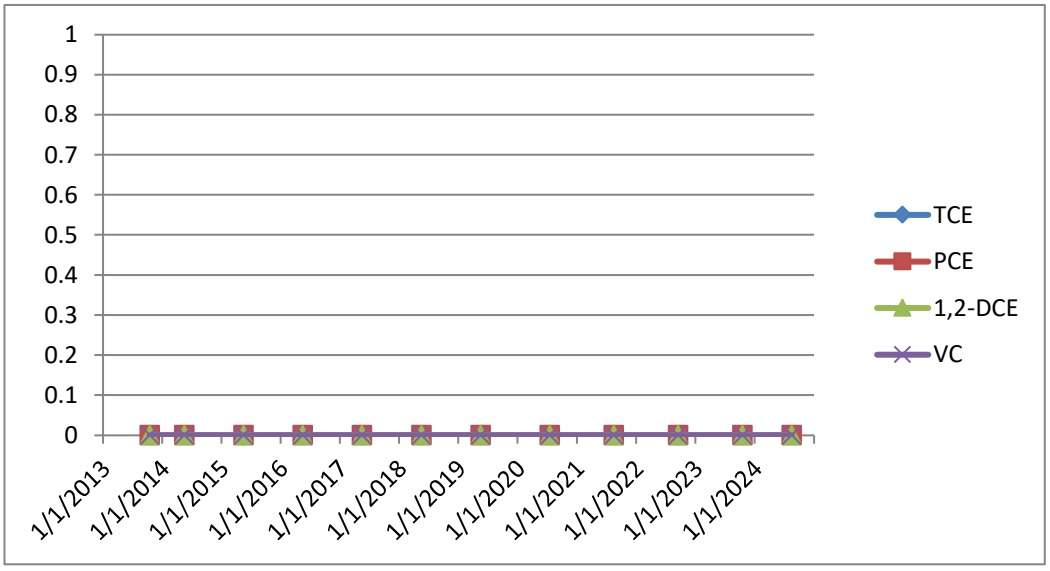


MW-9-12 Groundwater Data

GM Components Holdings, LLC
Lockport, New York

Date	TCE	PCE	1,2-DCE	VC
10/1/2013	<	<	<	<
5/21/2014	<	<	<	<
5/21/2015	<	<	<	<
5/19/2016	<	<	<	<
5/5/2017	<	<	<	<
5/31/2018	<	<	<	<
5/30/2019	<	<	<	<
7/13/2020	<	<	<	<
8/31/2021	<	<	<	<
9/26/2022	<	<	<	<
10/17/2023	<	<	<	<
8/1/2024	<	<	<	<

Notes:
Results are provided in parts per billion (ppb)
< = non-detect laboratory result
1,2 DCE value includes total cis-1,2 DCE and trans 1,2 DCE.

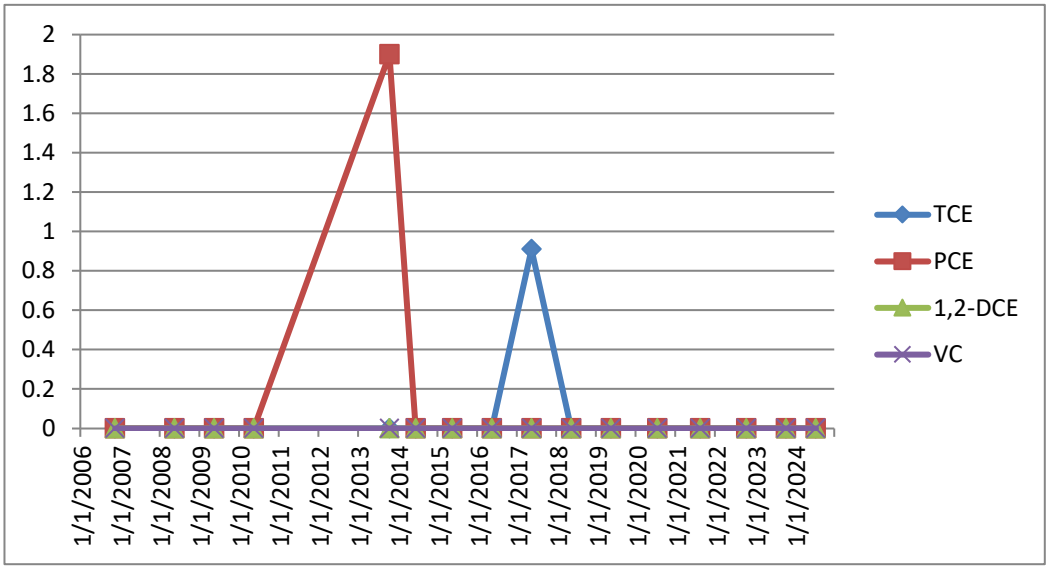


TK-6 Groundwater Data

GM Components Holdings, LLC
Lockport, New York

Date	TCE	PCE	1,2-DCE	VC
11/8/2006	<	<	<	<
5/6/2008	<	<	<	<
5/6/2009	<	<	<	<
5/7/2010	<	<	<	<
10/7/2013	<	1.9	<	<
6/2/2014	<	<	<	<
5/20/2015	<	<	<	<
5/19/2016	<	<	<	<
5/10/2017	0.91	<	<	<
5/29/2018	<	<	<	<
5/23/2019	<	<	<	<
7/6/2020	<	<	<	<
8/30/2021	<	<	<	<
10/3/2022	<	<	<	<
10/5/2023	<	<	<	<
7/16/2024	<	<	<	<

Notes:
Results are provided in parts per billion (ppb)
< = non-detect laboratory result
1,2 DCE value includes total cis-1,2 DCE and trans 1,2 DCE.

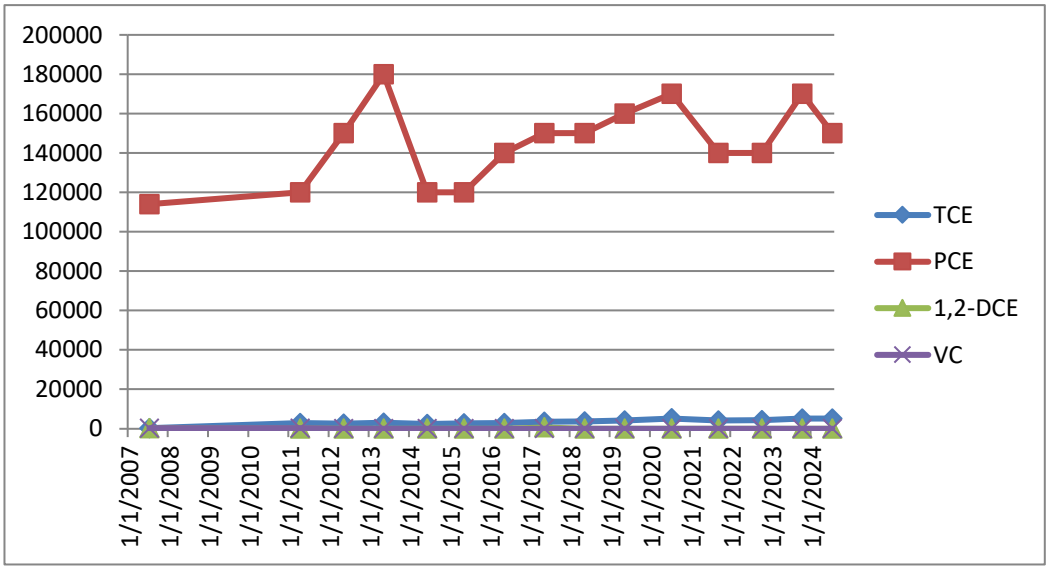


Bldg 10-MW-1 Groundwater Data

GM Components Holdings, LLC
Lockport, New York

Date	TCE	PCE	1,2-DCE	VC
7/18/2007	200	114,000	235	220
4/29/2011	2,800	120,000	16	100
5/2/2012	2,500	150,000	<	<
5/9/2013	3,000	180,000	<	<
6/3/2014	2300	120000	<	<
5/26/2015	2,600	120,000	<	<
5/19/2016	2,700	140,000	<	<
5/10/2017	3,400	150,000	630	<
5/31/2018	3,600	150,000	<	<
5/31/2019	4,100	160,000	<	<
7/13/2020	5,200	170,000	<	<
9/1/2021	4,100	140,000	<	<
10/3/2022	4,300	140,000	<	<
10/16/2023	5,100	170,000	<	<
7/24/2024	5,000	150,000	<	<

Notes:
Results are provided in parts per billion (ppb)
< = non-detect laboratory result
1,2 DCE value includes total cis-1,2 DCE and trans 1,2 DCE.

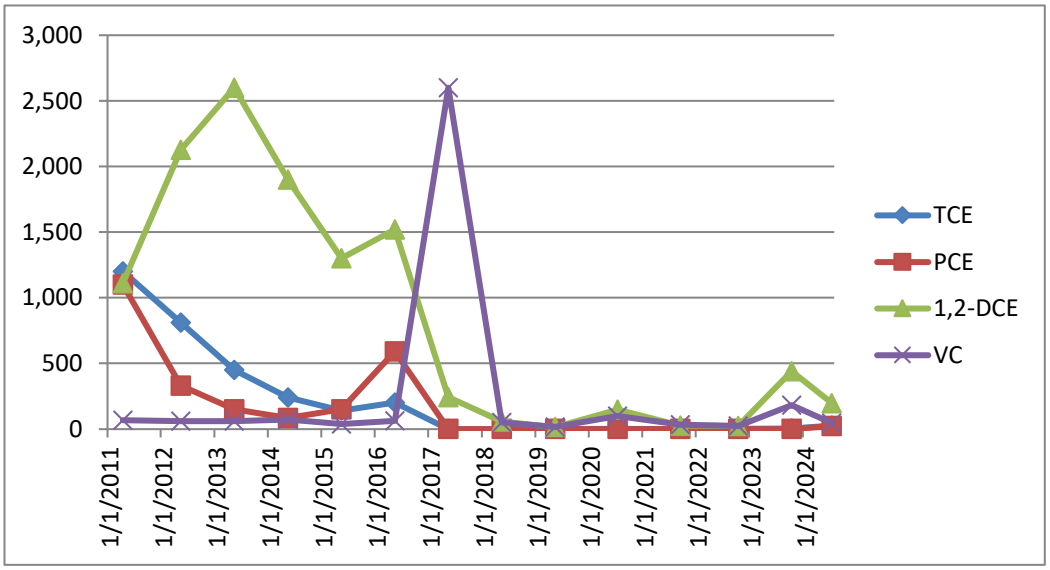


MW-10-2 Groundwater Data

GM Components Holdings, LLC
Lockport, New York

Date	TCE	PCE	1,2-DCE	VC
4/29/2011	1,200	1,100	1,110	66
5/2/2012	810	330	2,126	60
5/9/2013	450	150	2,600	60
5/22/2014	240	83	1900	70
5/19/2015	140	150	1,300	38
5/17/2016	200	590	1,520	62
5/8/2017	<	<	241	2600
5/30/2018	<	<	57	49
5/29/2019	<	<	14.5	15
7/6/2020	1	<	146.5	98
9/1/2021	<	<	23.6	33
10/3/2022	0.65	<	22.6	23
10/13/2023	3.6	<	438.2	180
7/22/2024	25	21	195.3	45

Notes:
Results are provided in parts per billion (ppb)
< = non-detect laboratory result
1,2 DCE value includes total cis-1,2 DCE and trans 1,2 DCE.

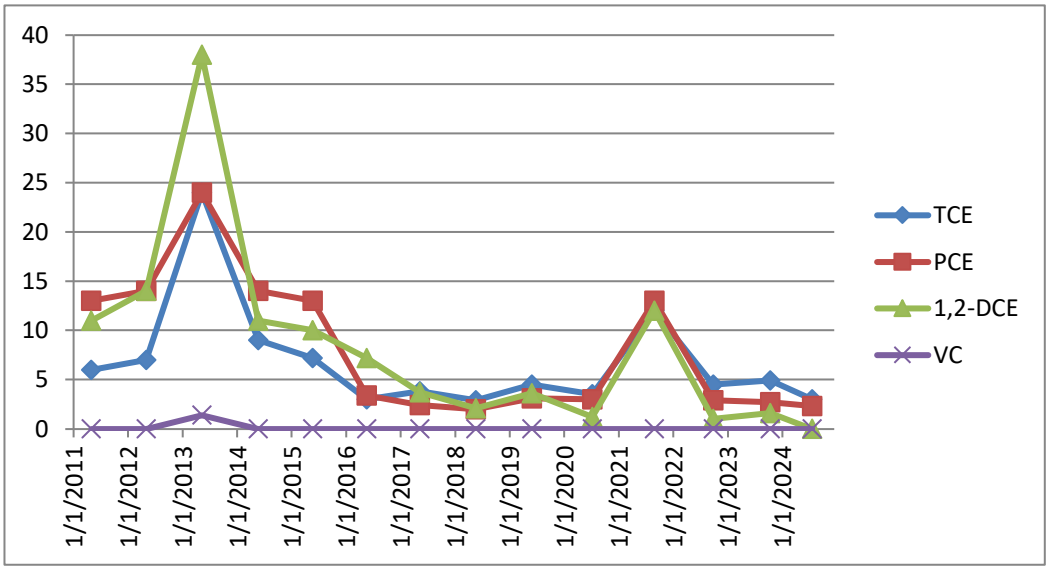


MW-10-3 Groundwater Data

GM Components Holdings, LLC
Lockport, New York

Date	TCE	PCE	1,2-DCE	VC
4/29/2011	6	13	11	<
5/2/2012	7	14	14	<
5/9/2013	24	24	38	1.4
5/22/2014	9	14	11	<
5/20/2015	7.2	13	10	<
5/18/2016	3	3.4	7.2	<
5/8/2017	3.8	2.4	3.7	<
5/18/2018	2.9	2	2.1	<
5/29/2019	4.5	3.1	3.6	<
7/6/2020	3.5	3	1.2	<
8/27/2021	12	13	12	<
9/26/2022	4.5	2.9	1	<
10/11/2023	4.9	2.7	1.6	<
7/18/2024	3.0	2.3	<	<

Notes:
Results are provided in parts per billion (ppb)
< = non-detect laboratory result
Results on 4/29/2011 are the higher of the sample or its respective duplicate sample.
1,2 DCE value includes total cis-1,2 DCE and trans 1,2 DCE.



APPENDIX C

DATA QUALITY ASSESSMENT AND VERIFICATION REPORT

APPENDIX D

EPA cVOC MONITORED NATURAL ATTENUATION RANKING SYSTEM

EPA cVOC MONITORED NATURAL ATTENUATION RANKING SYSTEM

2023 Strength of Evidence Scorecard
GM Components Holdings, LLC
NYSDEC Site # C932138
Lockport, New York

Analysis	Concentration in Most Contaminated Zone	Value	MW-7-1R	MW-7-2	MW-7-3	MW-7-4	MW-7-5	MW-7-6	MW-7-7	MW-7-8	MW-7-A-6	MW-7-C-2	MW-7-P-1	MW-6-1	MW-6-2	MW-6-F-8	MW-8-1	MW-8-2	MW-8-3	MW-8-4	MW-8-003-B	MW-9-101A	MW-9-12	TK-6	MW-10-1	MW-10-2	MW-10-3
DO	<0.5 mg/L	3	3	0	3	0	0	3	3	0	3	3	3	3	3	3	3	3	0	0	3	0	3	0	3	3	0
DO	>5 mg/l	-3																									
Nitrate	<1 mg/L	2	2	2	2	NT	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2
Iron II	>1 mg/l	2	0	0	2	NT	0	0	0	2	2	2	2	2	0	0	0	2	2	0	0	0	0	0	2	0	0
Sulfate	<20 mg/L	2	0	0	0	NT	2	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sulfide	>1 mg/L	3	0	0	0	NT	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0
Methane	<0.5 mg/L	0	3	0	3	NT	0	3	3	3	3	3	3	3	0	0	3	3	3	3	3	3	3	3	3	3	0
Methane	>0.5 mg/L	3																									
ORP	<50 mV	1	0	0	1	0	0	0	2	1	2	1	1	2	0	0	2	2	0	1	0	0	2	0	1	1	0
ORP	<-100 mV	2																									
pH	5> pH <9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
pH	pH<5 or pH >10	-2																									
TOC	>20 mg/L	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Temp	> 20°C	1	1	0	0	0	0	0	0	0	1	0	1	0	0	1	0	1	1	0	1	1	0	1	1	0	0
Carbon Dioxide	>2 times background (15,000)	1	1	1	1	NT	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0
Alkalinity	>2 times background (356)	1	0	1	1	NT	0	1	0	0	0	0	0	1	1	1	0	1	0	0	0	0	0	1	0	0	0
Chloride	>2 times background (2,195)	2	2	0	2	NT	0	2	2	2	0	0	2	0	2	0	0	0	0	2	2	0	0	0	0	0	0
Hydrogen	>1 nM	3																									
Hydrogen	<1nM	0																									
Volatile Fatty Acids	>0.1 mg/L	2																									
BTEX	>0.1 mg/L	2																									
PCE		0	0	0	0	NT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TCE	If Daughter Product	2	0	0	0	NT	2	2	2	2	2	0	0	0	0	0	2	2	0	2	2	0	0	0	2	2	2
DCE	If Daughter Product	2	0	0	0	NT	0	2	2	2	2	2	2	0	0	0	0	2	0	2	2	0	0	0	0	2	0
VC	If Daughter Product	2	0	0	0	NT	0	0	2	2	2	2	2	0	0	0	0	2	0	2	2	0	0	0	0	2	0
1,1,1-TCA		0																									
DCA	If Daughter Product	2																									
Carbon Tetrachloride		0																									
Chloroethane	If Daughter Product	2																									
Ethene/Ethane	>0.01 mg/L or	2	0	0	3	NT	0	3	3	3	3	3	3	0	0	0	3	0	3	0	3	3	0	0	3	3	0
	>0.1 mg/L	3																									
Chloroform	If Daughter Product	2																									
Dichloromethane	If Daughter Product	2																									
		SCORE	12	4	18	0	7	19	22	20	23	19	24	14	9	8	19	21	12	15	21	8	11	8	18	19	4

Scoring Interpretation	
0 to 5	Inadequate evidence for anaerobic biodegradation* of chlorinated organics
6 to 14	Limited evidence for anaerobic biodegradation* of chlorinated organics
15 to 20	Adequate evidence for anaerobic biodegradation* of chlorinated organics
>20	Strong evidence for anaerobic biodegradation* of chlorinated organics
*reductive dechlorination	

Values Taken from EPA Document **EPA/600/R-98/128,** *Technical Protocol for Evaluating Natural Attenuation of Chlorinated Solvents in Ground Water* , 1998, Table 2.3 and Table 2.4

Notes:
1. ND=not detected
2. NT=not tested

APPENDIX E

TABLE E-1 WELL CONDITION SURVEY

TABLE E-1
WELL CONDITION SURVEY
GMCH LOCKPORT/DELPHI HARRISON SITE
July 15, 2024

Well ID	Surface Completion Type	Conditon of Well Tag	Outer Casing Condition	Surface Seal Condition (Gasket)	Lock Present?	Lock Condition	Condition of Drainage Pad (Concrete)	PID Reading (ppm)	Depth to Water	Top of Riser Elevation (AMSL)	Water Elevation (AMSL)	Well Depth to Bottom	Well Bottom Condition	Inner Riser Condition	Inner Riser Size & Type	Riser Cap Present?	Riser Cap Type	Comments/Notes
MW-6-2	Stick-Up	Good	Good	N/A	Yes	Good	Good	0	4.25	609.33	605.08	26.10	Hard	OK	2" PVC	Yes	J-Plug	
MW-6-1	Stick-Up	Good	Good	N/A	Yes	Good	Good	0	3.57	598.23	594.66	18.81	Hard	OK	2" PVC	Yes	J-Plug	
MW-15	Stick-Up	Good	Good	N/A	Yes	Good	Good	0	7.22	594.04	586.82	16.92	Hard	OK	2" PVC	Yes	slip on	
MW-11	Stick-Up	Good	Good	N/A	Yes	Good	Good	0	5.74	590.16	584.42	25.17	Hard	OK	2" PVC	Yes	slip on	
MW-13	Flush Mount	Good	Good	Damaged	NA	N/A	Good	0	5.58	589.02	583.44	15.07	Hard	OK	2" PVC	Yes	J-Plug	Protective steel casing flooded. Interior J-Plug no seal.
MW-14	Stick-Up	Good	Good	N/A	Yes	Good	Good	0	5.85	592.77	586.92	21.38	Hard	OK	2" PVC	Yes	J-Plug	
MW-12	Stick-Up	Good	Good	N/A	Yes	Good	Good	0	5.77	590.71	584.94	16.41	Hard	OK	2" PVC	Yes	slip on	
MW-7-3	Flush Mount	Good	Rusted	Damaged	NA	N/A	Damaged	0	3.76	593.03	589.27	24.95	Hard	OK	2" PVC	Yes	J-Plug	Concrete pad cracked, rusted well casing, sediment in well well casing
MW-7-1R	Flush Mount	Good	Good	Good	NA	N/A	Good	0	4.18	596.96	592.78	22.50	Relatively soft	OK	2" PVC	Yes	J-Plug	
MW-7-2	Stick-Up	Good	Good	N/A	Yes	Good	Good	0	6.61	592.57	585.96	21.65	Relatively soft	OK	2" PVC	Yes	J-Plug	
MW-7-4	Stick-Up	Good	Good	N/A	Yes	Good	Good	0	11.32	593.53	582.21	21.46	Hard	OK	2" PVC	Yes	J-Plug	
MW-4	Stick-Up	Good	Good	N/A	Yes	Good	Good	2.4	9.58	613.07	603.49	34.91	Hard	OK	2" PVC	Yes	slip on	
MW-10	Stick-Up	Good	Good	N/A	Yes	Good	Good	0	14.00	604.70	590.70	23.71	Hard	OK	2" PVC	No	slip on	No cap
MW-8-4	Flush Mount	Good	Rusted	Good	NA	N/A	Damaged	0	8.81	613.01	604.20	21.42	Relatively hard	OK	2" PVC	Yes	J-Plug	Rusted casing, no connection lid to box. Sediment infiltrated casing, kept out of well by J-Plug.
MW-8-2	Flush Mount	Good	Good	Missing	NA	N/A	Damaged	0.2	7.30	615.14	607.84	22.71	Hard	OK	2" PVC	Yes	slip on	Missing washers, missing gaskets.
MW-8-3	Flush Mount	Good	Good	Missing	NA	N/A	Good	0.3	8.62	615.08	606.46	22.04	Hard	OK	2" PVC	Yes	slip on	No gaskets or washers on bolts,
MW-8-1	Flush Mount	Good	Rusted	Missing	NA	N/A	Damaged	0	6.19	615.11	608.92	20.06	Soft	OK	2" PVC	Yes	J-Plug	4-5 in sediment in rusted out road box, No gasket.
MW-8-003-B	Flush Mount	Good	Good	Good	NA	N/A	Good	75.6	4.55	610.94	606.39	14.37	Hard	OK	2" PVC	Yes	J-Plug	One missing bolt and bolt connection to ground.
MW-7-C-2	Flush Mount	Good	Good	Good	NA	N/A	Good	1.5	5.10	608.96	603.86	24.04	Hard	OK	2" PVC	Yes	J-Plug	Missing bolt and connection to ground
MW-7-6	Flush Mount	Good	Good	Good	NA	N/A	Good	2.4	4.57	606.30	601.73	16.53	Hard	OK	2" PVC	Yes	J-Plug	
MW-7-5	Flush Mount	Good	Good	Good	NA	N/A	Good	0	6.78	610.96	604.18	21.91	Hard	OK	2" PVC	Yes	slip on	
MW-7-P-1	Flush Mount	Good	Good	Good	NA	N/A	Good	1	9.72	615.09	605.37	19.84	Hard	OK	2" PVC	Yes	J-Plug	
MW-7-8	Flush Mount	Good	Good	Good	NA	N/A	Good	88.7	6.85	610.92	604.07	19.43	Hard	OK	2" PVC	Yes	J-Plug	One missing bolt connection to ground.
MW-7-A-6	Flush Mount	Good	Good	Missing	NA	N/A	Good	1350	2.49	610.72	608.23	14.09	Soft	OK	2" PVC	Yes	J-Plug	Missing gasket
MW-10-2	Flush Mount	Good	Good	Good	NA	N/A	Good	0.1	3.15	611.26	608.11	16.08	Hard	OK	2" PVC	Yes	slip on	No threads on flush mount bolt/ground
MW-7-7	Flush Mount	Good	Rusted	Good	NA	N/A	Good	11000	3.11	610.24	607.13	32.06	Hard	OK	2" PVC	Yes	J-Plug	Rusted casing, water in well casing
MW-10-3	Flush Mount	Good	Good	Good	NA	N/A	Good	1	3.71	610.40	606.69	15.42	Hard	OK	2" PVC	Yes	J-Plug	Missing bolt washers
MW-9-101-A	Flush Mount	Good	Good	Missing	NA	N/A	Good	0	4.81	613.53	608.72	12.23	Hard	OK	2" PVC	Yes	J-Plug	No thread on bolt connections. Missing gasket.
MW-9-12	Flush Mount	Good	Good	Missing	NA	N/A	Good	0.5	6.28	614.92	608.64	15.53	Hard	OK	2" PVC	Yes	J-Plug	Missing gasket, casing flooded.
TK-6	Stick-Up	Good	Good	N/A	Yes	Good	Good	0	9.29	621.69	612.40	13.26	Hard	OK	4" PVC	Yes	J-Plug	Broken extreior PVC well cover
BLDG10 MW-1	Flush Mount	Good	Good	Good	NA	N/A	Good	66.6	5.78	615.05	609.27	15.55	Hard	OK	2" PVC	Yes	J-Plug	
MW-7	Stick-Up	Good	Good	N/A	Yes	Good	Good	48.7	7.34	613.86	606.52	28.96	Hard	OK	2" PVC	Yes	slip on	
MW-6-F-8	Flush Mount	Good	Rusted	Missing	NA	N/A	Damaged	0	7.62	612.26	604.64	14.34	Hard	OK	2" PVC	Yes	J-Plug	Top of curb box rusted through. Water and sediment to top of casing.
MW-9	Stick-Up	Good	Good	Good	Yes	Good	Good	0	8.12	604.90	596.78	17.18	Hard	OK	2" PVC	Yes	J-Plug	
MW-5	Stick-Up	None	Good	Good	Yes	Good	Good	0	5.23	609.05	603.82	28.52	Soft	OK	2" PVC	NO	-	Not well tag or cap, no J-plug
MW-3S	Stick-Up	Good	Good	Good	Yes	Good	Good	11.9	8.10	613.28	605.18	28.91	Hard	OK	2" PVC	YES	PVC	
MW-3D	Stick-Up	Good	Good	Good	Yes	Good	Good	0	41.62	614.81	573.19	___	Hard	OK	2" PVC	YES	PVC	

APPENDIX F

EUROFINS TEST AMERICA ANALYTICAL LABORATORY REPORTS

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Christopher Arcuri
GHD Services Inc.
2055 Niagara Falls Blvd., Suite 3
Niagara Falls, New York 14304

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JOB DESCRIPTION

12616852, GM Lockport 256043
BCP

JOB NUMBER

480-221700-1

Eurofins Buffalo
10 Hazelwood Drive
Amherst NY 14228-2298

See page two for job notes and contact information.

my EOL

Job Notes

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Table of Contents

Cover Page 1
Table of Contents 3
Definitions/Glossary 4
Case Narrative 6
Detection Summary 10
Client Sample Results 20
Surrogate Summary 47
QC Sample Results 49
QC Association Summary 101
Lab Chronicle 122
Certification Summary 136
Method Summary 137
Sample Summary 138
Chain of Custody 139
Receipt Checklists 168

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 VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
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
^+	Continuing Calibration Verification (CCV) is outside acceptance limits, high biased.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
^-	Continuing Calibration Verification (CCV) is outside acceptance limits, low biased.
^+	Continuing Calibration Verification (CCV) is outside acceptance limits, high biased.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
H	Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.
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

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
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

Job ID: 480-221700-1 Eurofins Buffalo

Job Narrative
480-221700-1

Comments
A revised report was provided on August 21, 2024. The Sample ID for MW-7-5-071724 (240-221751-3) was corrected.

A revised report was provided on August 28, 2024. Additional samples were added to the SDG.

At the request of GZA, VFA were cancelled.

The Trip Blanks were given unique IDs that contained the date within the ID.

Receipt
The samples were received on 7/16/2024 3:46 PM, 7/17/2024 5:05 PM, 7/18/2024 2:40 PM, 7/22/2024 4:55 PM, 7/23/2024 4:10 PM, 7/24/2024 3:40 PM, 7/25/2024 4:20 PM and 7/26/2024 3:20 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 9 coolers at receipt time were 3.5º C, 3.6º C, 4.4º C, 4.6º C, 5.2º C, 6.3º C, 6.8º C, 10.6º C and 11.5º C. The temperatures are accepted as the samples arrived direct from the site.

GC/MS VOA
Method 8260C: The following volatiles samples were diluted due to foaming at the time of purging during the original sample analysis: MW-7-P-1-071624 (480-221700-2) and TK-6-071624 (480-221700-3). Elevated reporting limits (RLs) are provided.

Method 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-8-003-B-071824 (480-221777-1), MW-8-003-B-071824 (480-221777-1[MS]), MW-8-003-B-071824 (480-221777-1[MSD]) and MW-7-C-2-071824 (480-221777-3). Elevated reporting limits (RLs) are provided.

Method 8260C: The following volatiles samples were diluted due to foaming at the time of purging during the original sample analysis: MW-7-1-071724 (480-221751-1) and MW-7-3-071724 (480-221751-4). Elevated reporting limits (RLs) are provided.

Method 8260C: The minimum response factor (RF) criteria for the continuing calibration verification (CCV) analyzed in batch 480-719137 was outside criteria for the following analyte(s): Tetrachloroethene. As indicated in the reference method, sample analysis may proceed; however, any detection or non-detection for the affected analyte(s) is considered estimated. The following samples were affected : MW-7-1-071724 (480-221751-1), MW-7-3-071724 (480-221751-4) and TRIP BLANK (480-221751-5).

Method 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-10-2-072224 (480-221913-2) and MW-7-7-072224 (480-221913-4). Elevated reporting limits (RLs) are provided.

Method 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-7-6-071724 (480-221751-2) and MW-7-5-071724 (480-221751-3). Elevated reporting limits (RLs) are provided.

Method 8260C: The minimum response factor (RF) criteria for the continuing calibration verification (CCV) analyzed in batch 480-719336 was outside criteria for the following analyte(s): Tetrachloroethene. As indicated in the reference method, sample analysis may proceed; however, any detection or non-detection for the affected analyte(s) is considered estimated.

Method 8260C: The minimum response factor (RF) criteria for the continuing calibration verification (CCV) analyzed in batch 480-719475 was outside criteria for the following analyte(s): Tetrachloroethene. As indicated in the reference method, sample analysis may proceed; however, any detection or non-detection for the affected analyte(s) is considered estimated. The associated sample is impacted: Trip Blank (480-221958-4).

Method 8260C: The minimum response factor (RF) criteria for the continuing calibration verification (CCV) analyzed in batch 480-719445 was outside criteria for the following analyte(s): Tetrachloroethene. As indicated in the reference method, sample analysis may proceed; however, any detection or non-detection for the affected analyte(s) is considered estimated.

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-719445 recovered outside acceptance criteria, low biased, for Toluene. A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte(s), the data are reported.

Method 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: DUPE-01-072224 (480-221913-3). Elevated reporting limits (RLs) are provided.

Job ID: 480-221700-1 (Continued) Eurofins Buffalo

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-719630 recovered above the upper control limit for Vinyl chloride. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: MW-6-2-072324 (480-221958-3).

Method 8260C: The following volatiles sample was diluted due to foaming at the time of purging during the original sample analysis: MW-9-101-A-072424 (480-222015-3). Elevated reporting limits (RLs) are provided.

Method 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: DUPE-02-072424 (480-222015-1), BLDG-10-MW-1-072424 (480-222015-2) and MW-7-5-072424 (480-222015-4). Elevated reporting limits (RLs) are provided.

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-719789 recovered above the upper control limit for Vinyl chloride. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: MW-8-1-072524 (480-222055-2) and TRIP BLANK (480-222055-3).

Method 8260C: The continuing calibration verification (CCV) analyzed in 480-719789 was outside the method criteria for the following analyte(s): Vinyl chloride. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated. The associated sample is impacted: MW-8-2-072524 (480-222055-1).

Method 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-8-2-072524 (480-222055-1), MW-8-2-072524 (480-222055-1[MS]) and MW-8-2-072524 (480-222055-1[MSD]). Elevated reporting limits (RLs) are provided.

Method 8260C: The following volatiles sample was diluted due to foaming at the time of purging during the original sample analysis: MW-8-3-072624 (480-222107-1). Elevated reporting limits (RLs) are provided.

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

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

HPLC/IC
Method 300.0: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-6-1-071624 (480-221700-1), MW-7-P-1-071624 (480-221700-2) and TK-6-071624 (480-221700-3). Elevated reporting limits (RLs) are provided.

Method 300.0: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-7-1-071724 (480-221751-1), MW-7-6-071724 (480-221751-2), MW-7-3-071724 (480-221751-4), MW-8-003-B-071824 (480-221777-1) and MW-7-C-2-071824 (480-221777-3). Elevated reporting limits (RLs) are provided.

Method 300.0: The following samples were diluted due to the nature of the sample matrix: MW-7-5-071724 (480-221751-3) and MW-7-2-071824 (480-221777-2). Elevated reporting limits (RLs) are provided.

Method 300.0: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 480-719035 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 300.0: The matrix spike / matrix spike duplicate / sample duplicate (MS/MSD/DUP) precision for analytical batch 480-719035 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory control sample duplicate (LCS/LCSD) precision was within acceptance limits.

Method 300.0: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-10-3-072224 (480-221913-1), MW-10-2-072224 (480-221913-2) and DUPE-01-072224 (480-221913-3). Elevated reporting limits (RLs) are provided.

Method 300.0: The following samples were diluted to bring the concentration of target analytes within the calibration range: DUPE-02-072424 (480-222015-1), BLDG-10-MW-1-072424 (480-222015-2), MW-9-101-A-072424 (480-222015-3) and MW-7-5-072424 (480-222015-4). Elevated reporting limits (RLs) are provided.

Method 300.0: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-7-7-072224 (480-221913-4), MW-6-F-8-072324 (480-221958-1), MW-8-4-072324 (480-221958-2) and MW-6-2-072324 (480-221958-3). Elevated reporting limits (RLs) are provided.

Method 300.0: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-8-1-072524 (480-222055-2). Elevated reporting limits (RLs) are provided.

Method 300.0: The following sample was diluted due to the nature of the sample matrix: MW-8-2-072524 (480-222055-1). Elevated reporting limits (RLs) are provided.

Method 300.0: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-8-3-072624 (480-222107-1). Elevated reporting limits (RLs) are provided.

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

GC VOA

Method RSK-175: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-7-P-1-071624 (480-221700-2). Elevated reporting limits (RLs) are provided.

Method RSK-175: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-7-7-072224 (480-221913-4). Elevated reporting limits (RLs) are provided.

Method RSK-175: The method blank for analytical batch 480-719644 contained Ethane, Ethene and Methane above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method RSK-175: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-8-2-072524 (480-222055-1), MW-8-2-072524 (480-222055-1[MS]) and MW-8-2-072524 (480-222055-1[MSD]). Elevated reporting limits (RLs) are provided.

Method RSK-175: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-8-3-072624 (480-222107-1). Elevated reporting limits (RLs) are provided.

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

Metals

Method 6010C: The low level continuing calibration verification (CCVL) associated with batch 480-719604 recovered above the upper control limit for Calcium and Manganese. The samples associated with this CCVL were non-detects for the affected analytes; therefore, the data have been reported.

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

General Chemistry

Method SM 2320B: The matrix spike / matrix spike duplicate (MS/MSD) precision for analytical batch 480-719169 was outside control limits. Sample matrix interference is suspected.

Method SM 4500 S2 F: The method requirement for no headspace was not met. The following samples were analyzed with headspace in the sample container: MW-6-1-071624 (480-221700-1), MW-7-P-1-071624 (480-221700-2) and TK-6-071624 (480-221700-3).

Method 350.1: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 480-719373 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 353.2: Reanalysis of the following samples were performed outside of the analytical holding time due to analyst error: MW-8-003-B-071824 (480-221777-1), MW-8-003-B-071824 (480-221777-1[MS]) and MW-8-003-B-071824 (480-221777-1[MSD]).

Method 353.2: Reanalysis of the following samples were performed outside of the analytical holding time due to analyst error: MW-7-2-071824 (480-221777-2) and MW-7-C-2-071824 (480-221777-3).

Method SM 2320B: The method requirement for no headspace was not met. The following samples were analyzed with headspace in the sample container: DUPE-02-072424 (480-222015-1), BLDG-10-MW-1-072424 (480-222015-2), MW-9-101-A-072424 (480-222015-3) and MW-7-5-072424 (480-222015-4).

Job ID: 480-221700-1 (Continued) Eurofins Buffalo

Method SM 4500 S2 F: The method requirement for no headspace was not met. The following samples were analyzed with headspace in the sample container: MW-10-3-072224 (480-221913-1), MW-10-2-072224 (480-221913-2), DUPE-01-072224 (480-221913-3), MW-7-7-072224 (480-221913-4), MW-6-F-8-072324 (480-221958-1), MW-8-4-072324 (480-221958-2) and MW-6-2-072324 (480-221958-3).

Method SM 2320B: The method requirement for no headspace was not met. The following samples were analyzed with headspace in the sample container: MW-10-3-072224 (480-221913-1) and MW-10-2-072224 (480-221913-2).

Method SM 4500 S2 F: The method requirement for no headspace was not met. The following samples were analyzed with headspace in the sample container: DUPE-02-072424 (480-222015-1), BLDG-10-MW-1-072424 (480-222015-2), MW-9-101-A-072424 (480-222015-3), MW-7-5-072424 (480-222015-4), MW-8-2-072524 (480-222055-1), MW-8-2-072524 (480-222055-1[MS]) and MW-8-2-072524 (480-222055-1[MSD]).

Method 353.2: The following sample was analyzed outside of analytical holding time due to analyst error: MW-8-3-072624 (480-222107-1).

Method SM 2320B: The method requirement for no headspace was not met. The following samples were analyzed with headspace in the sample container: MW-10-3-072224 (480-221913-1), MW-10-2-072224 (480-221913-2) and (MB 480-720192/29).

Method SM 2320B: The method requirement for no headspace was not met. The following samples were analyzed with headspace in the sample container: MW-8-2-072524 (480-222055-1), MW-8-2-072524 (480-222055-1[MS]), MW-8-2-072524 (480-222055-1[MSD]), (480-221824-B-6), (480-221824-B-6 DU) and (480-221824-B-6 MS).

Method SM 4500 S2 F: The method requirement for no headspace was not met. The following sample was analyzed with headspace in the sample container: MW-8-1-072524 (480-222055-2).

Method SM 4500 S2 F: The method requirement for no headspace was not met. The following samples were analyzed with headspace in the sample container: MW-8-3-072624 (480-222107-1) and (480-222107-C-3).

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

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

Detection Summary

Client: GHD Services Inc.
Project/Site: 12616852, GM Lockport 256043

Job ID: 480-221700-1
SDG: BCP

Client Sample ID: MW-6-1-071624 — Lab Sample ID: 480-221700-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon dioxide	110000		10000	10000	ug/L	1		RSK-175	Total/NA
Methane	110		4.0	1.0	ug/L	1		RSK-175	Total/NA
Iron	14.6		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	47.8		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	2.3		0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	2.6		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	407		1.0	0.32	mg/L	1		6010C	Total/NA
Chloride	836		5.0	2.8	mg/L	10		300.0	Total/NA
Sulfate	31.4		20.0	3.5	mg/L	10		300.0	Total/NA
Ammonia	0.75		0.020	0.0090	mg/L	1		350.1	Total/NA
Total Organic Carbon	5.5	B	1.0	0.43	mg/L	1		9060A	Total/NA
Total Alkalinity	365		5.0	0.79	mg/L	1		SM 2320B	Total/NA

Client Sample ID: MW-7-P-1-071624 — Lab Sample ID: 480-221700-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.7		2.0	1.6	ug/L	2		8260C	Total/NA
Vinyl chloride	3.9		2.0	1.8	ug/L	2		8260C	Total/NA
Carbon dioxide	120000		10000	10000	ug/L	1		RSK-175	Total/NA
Ethane	29		7.5	1.5	ug/L	1		RSK-175	Total/NA
Ethene	1.8	J	7.0	1.5	ug/L	1		RSK-175	Total/NA
Methane - DL	6400		88	22	ug/L	22		RSK-175	Total/NA
Iron	50.3		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	233		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	2.7		0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	25.0		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	226		1.0	0.32	mg/L	1		6010C	Total/NA
Chloride	3070		25.0	14.1	mg/L	50		300.0	Total/NA
Ammonia	109		0.20	0.090	mg/L	10		350.1	Total/NA
Nitrate	0.14		0.050	0.020	mg/L	1		353.2	Total/NA
Nitrate Nitrite as N	0.20		0.050	0.020	mg/L	1		353.2	Total/NA
Nitrite	0.058		0.050	0.020	mg/L	1		353.2	Total/NA
Total Organic Carbon	5.9	B	1.0	0.43	mg/L	1		9060A	Total/NA
Total Alkalinity	175		5.0	0.79	mg/L	1		SM 2320B	Total/NA

Client Sample ID: TK-6-071624 — Lab Sample ID: 480-221700-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon dioxide	37000		10000	10000	ug/L	1		RSK-175	Total/NA
Methane	3.9	J	4.0	1.0	ug/L	1		RSK-175	Total/NA
Magnesium	38.6		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.0023	J	0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	1.5		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	1070		5.0	1.6	mg/L	5		6010C	Total/NA
Chloride	1800		10.0	5.6	mg/L	20		300.0	Total/NA
Sulfate	208		40.0	7.0	mg/L	20		300.0	Total/NA
Ammonia	0.052	F1	0.020	0.0090	mg/L	1		350.1	Total/NA
Nitrate	0.60		0.050	0.020	mg/L	1		353.2	Total/NA
Nitrate Nitrite as N	0.60		0.050	0.020	mg/L	1		353.2	Total/NA
Total Organic Carbon	2.1	B	1.0	0.43	mg/L	1		9060A	Total/NA
Total Alkalinity	379		5.0	0.79	mg/L	1		SM 2320B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: GHD Services Inc.
Project/Site: 12616852, GM Lockport 256043

Job ID: 480-221700-1
SDG: BCP

Client Sample ID: TRIP BLANK-071624 — Lab Sample ID: 480-221700-4

No Detections.

Client Sample ID: MW-7-1-071724 — Lab Sample ID: 480-221751-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon dioxide	68000		10000	10000	ug/L	1		RSK-175	Total/NA
Methane	5.8		4.0	1.0	ug/L	1		RSK-175	Total/NA
Iron	0.029	J	0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	125		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.13		0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	6.9		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	1260		5.0	1.6	mg/L	5		6010C	Total/NA
Chloride	3160		10.0	5.6	mg/L	20		300.0	Total/NA
Sulfate	157		40.0	7.0	mg/L	20		300.0	Total/NA
Ammonia	0.016	J B	0.020	0.0090	mg/L	1		350.1	Total/NA
Nitrate	0.056		0.050	0.020	mg/L	1		353.2	Total/NA
Nitrate Nitrite as N	0.056		0.050	0.020	mg/L	1		353.2	Total/NA
Total Alkalinity	300		5.0	0.79	mg/L	1		SM 2320B	Total/NA

Client Sample ID: MW-7-6-071724 — Lab Sample ID: 480-221751-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	700		20	16	ug/L	20		8260C	Total/NA
Tetrachloroethene	630		20	7.2	ug/L	20		8260C	Total/NA
Trichloroethene	330		20	9.2	ug/L	20		8260C	Total/NA
Carbon dioxide	41000		10000	10000	ug/L	1		RSK-175	Total/NA
Ethane	13		7.5	1.5	ug/L	1		RSK-175	Total/NA
Methane	280		4.0	1.0	ug/L	1		RSK-175	Total/NA
Iron	0.068		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	47.3		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.13		0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	8.4		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	2040		10.0	3.2	mg/L	10		6010C	Total/NA
Chloride	3250		25.0	14.1	mg/L	50		300.0	Total/NA
Sulfate	175		100	17.5	mg/L	50		300.0	Total/NA
Ammonia	0.10	B	0.020	0.0090	mg/L	1		350.1	Total/NA
Nitrate	0.18		0.050	0.020	mg/L	1		353.2	Total/NA
Nitrate Nitrite as N	0.18		0.050	0.020	mg/L	1		353.2	Total/NA
Total Organic Carbon	0.51	J	1.0	0.43	mg/L	1		9060A	Total/NA
Total Alkalinity	390		5.0	0.79	mg/L	1		SM 2320B	Total/NA

Client Sample ID: MW-7-5-071724 — Lab Sample ID: 480-221751-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	180		5.0	1.8	ug/L	5		8260C	Total/NA
Trichloroethene	33		5.0	2.3	ug/L	5		8260C	Total/NA
Carbon dioxide	26000		10000	10000	ug/L	1		RSK-175	Total/NA
Iron	0.18		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	13.0		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.025		0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	3.6		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	93.5		1.0	0.32	mg/L	1		6010C	Total/NA
Chloride	146		2.5	1.4	mg/L	5		300.0	Total/NA
Sulfate	14.9		10.0	1.7	mg/L	5		300.0	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-7-5-071724 (Continued) — Lab Sample ID: 480-221751-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ammonia	0.056	B F1	0.020	0.0090	mg/L	1		350.1	Total/NA
Nitrate	0.58		0.050	0.020	mg/L	1		353.2	Total/NA
Nitrate Nitrite as N	0.58		0.050	0.020	mg/L	1		353.2	Total/NA
Total Organic Carbon	7.5		1.0	0.43	mg/L	1		9060A	Total/NA
Total Alkalinity	338		5.0	0.79	mg/L	1		SM 2320B	Total/NA

Client Sample ID: MW-7-3-071724 — Lab Sample ID: 480-221751-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon dioxide	80000		10000	10000	ug/L	1		RSK-175	Total/NA
Ethane	4.5	J	7.5	1.5	ug/L	1		RSK-175	Total/NA
Methane	240		4.0	1.0	ug/L	1		RSK-175	Total/NA
Iron	5.7		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	122		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.50		0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	26.7		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	4390		100	32.4	mg/L	100		6010C	Total/NA
Chloride	7200		25.0	14.1	mg/L	50		300.0	Total/NA
Sulfate	694		100	17.5	mg/L	50		300.0	Total/NA
Ammonia	1.2	B	0.020	0.0090	mg/L	1		350.1	Total/NA
Nitrate	0.020	J	0.050	0.020	mg/L	1		353.2	Total/NA
Nitrate Nitrite as N	0.020	J	0.050	0.020	mg/L	1		353.2	Total/NA
Total Organic Carbon	1.0		1.0	0.43	mg/L	1		9060A	Total/NA
Total Alkalinity	383		5.0	0.79	mg/L	1		SM 2320B	Total/NA

Client Sample ID: TRIP BLANK-071724 — Lab Sample ID: 480-221751-5

No Detections.

Client Sample ID: MW-8-003-B-071824 — Lab Sample ID: 480-221777-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	520		50	41	ug/L	50		8260C	Total/NA
Tetrachloroethene	1000		50	18	ug/L	50		8260C	Total/NA
Trichloroethene	200		50	23	ug/L	50		8260C	Total/NA
Vinyl chloride	74		50	45	ug/L	50		8260C	Total/NA
Carbon dioxide	11000		10000	10000	ug/L	1		RSK-175	Total/NA
Ethene	9.2		7.0	1.5	ug/L	1		RSK-175	Total/NA
Methane	8.0		4.0	1.0	ug/L	1		RSK-175	Total/NA
Iron	0.055		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	16.9		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.19		0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	6.5		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	130		1.0	0.32	mg/L	1		6010C	Total/NA
Chloride	5240	F1	25.0	14.1	mg/L	50		300.0	Total/NA
Sulfate	255	F2 F1	100	17.5	mg/L	50		300.0	Total/NA
Ammonia	0.16	F1	0.020	0.0090	mg/L	1		350.1	Total/NA
Nitrate	0.53	H	0.050	0.020	mg/L	1		353.2	Total/NA
Nitrate Nitrite as N	0.56	H F1	0.050	0.020	mg/L	1		353.2	Total/NA
Nitrite	0.028	J H F1	0.050	0.020	mg/L	1		353.2	Total/NA
Total Organic Carbon	0.71	J	1.0	0.43	mg/L	1		9060A	Total/NA
Total Alkalinity	254	F1	5.0	0.79	mg/L	1		SM 2320B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: GHD Services Inc.
Project/Site: 12616852, GM Lockport 256043

Job ID: 480-221700-1
SDG: BCP

Client Sample ID: MW-7-2-071824 — Lab Sample ID: 480-221777-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon dioxide	33000		10000	10000	ug/L	1		RSK-175	Total/NA
Magnesium	34.2		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.0026	J	0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	1.2		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	80.3		1.0	0.32	mg/L	1		6010C	Total/NA
Chloride	135		2.5	1.4	mg/L	5		300.0	Total/NA
Sulfate	23.5		10.0	1.7	mg/L	5		300.0	Total/NA
Total Alkalinity	360		5.0	0.79	mg/L	1		SM 2320B	Total/NA

Client Sample ID: MW-7-C-2-071824 — Lab Sample ID: 480-221777-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	540		10	8.1	ug/L	10		8260C	Total/NA
Vinyl chloride	160		10	9.0	ug/L	10		8260C	Total/NA
Carbon dioxide	54000		10000	10000	ug/L	1		RSK-175	Total/NA
Ethane	1.9	J	7.5	1.5	ug/L	1		RSK-175	Total/NA
Ethene	13		7.0	1.5	ug/L	1		RSK-175	Total/NA
Methane	380		4.0	1.0	ug/L	1		RSK-175	Total/NA
Iron	1.1		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	141		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.28		0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	5.7		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	154		1.0	0.32	mg/L	1		6010C	Total/NA
Chloride	434		5.0	2.8	mg/L	10		300.0	Total/NA
Sulfate	1010		20.0	3.5	mg/L	10		300.0	Total/NA
Ammonia	0.23		0.020	0.0090	mg/L	1		350.1	Total/NA
Total Alkalinity	310	F1	5.0	0.79	mg/L	1		SM 2320B	Total/NA

Client Sample ID: TRIP BLANK-071824 — Lab Sample ID: 480-221777-4

No Detections.

Client Sample ID: MW-10-3-072224 — Lab Sample ID: 480-221913-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	2.3		1.0	0.36	ug/L	1		8260C	Total/NA
Trichloroethene	3.0		1.0	0.46	ug/L	1		8260C	Total/NA
Carbon dioxide	10000		10000	10000	ug/L	1		RSK-175	Total/NA
Iron	0.033	J	0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	25.0		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.0030	^+ B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	7.3		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	136		1.0	0.32	mg/L	1		6010C	Total/NA
Chloride	166		2.5	1.4	mg/L	5		300.0	Total/NA
Sulfate	243		10.0	1.7	mg/L	5		300.0	Total/NA
Nitrate	0.86		0.050	0.020	mg/L	1		353.2	Total/NA
Nitrate Nitrite as N	0.86	B	0.050	0.020	mg/L	1		353.2	Total/NA
Total Alkalinity	178		5.0	0.79	mg/L	1		SM 2320B	Total/NA

Client Sample ID: MW-10-2-072224 — Lab Sample ID: 480-221913-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	190		5.0	4.1	ug/L	5		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Client Sample ID: MW-10-2-072224 (Continued) — Lab Sample ID: 480-221913-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	21		5.0	1.8	ug/L	5		8260C	Total/NA
trans-1,2-Dichloroethene	5.3		5.0	4.5	ug/L	5		8260C	Total/NA
Trichloroethene	25		5.0	2.3	ug/L	5		8260C	Total/NA
Vinyl chloride	45		5.0	4.5	ug/L	5		8260C	Total/NA
Carbon dioxide	24000		10000	10000	ug/L	1		RSK-175	Total/NA
Ethane	7.3	J	7.5	1.5	ug/L	1		RSK-175	Total/NA
Ethene	47		7.0	1.5	ug/L	1		RSK-175	Total/NA
Methane	76		4.0	1.0	ug/L	1		RSK-175	Total/NA
Iron	0.28		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	48.6		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.13	^+ B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	7.4		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	1140		5.0	1.6	mg/L	5		6010C	Total/NA
Chloride	2010		10.0	5.6	mg/L	20		300.0	Total/NA
Sulfate	177		40.0	7.0	mg/L	20		300.0	Total/NA
Ammonia	0.31	F1	0.020	0.0090	mg/L	1		350.1	Total/NA
Nitrate	0.045	J	0.050	0.020	mg/L	1		353.2	Total/NA
Nitrate Nitrite as N	0.045	J B	0.050	0.020	mg/L	1		353.2	Total/NA
Total Alkalinity	274		5.0	0.79	mg/L	1		SM 2320B	Total/NA

Client Sample ID: DUPE-01-072224 — Lab Sample ID: 480-221913-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	20		1.0	0.36	ug/L	1		8260C	Total/NA
trans-1,2-Dichloroethene	5.2		1.0	0.90	ug/L	1		8260C	Total/NA
Trichloroethene	23		1.0	0.46	ug/L	1		8260C	Total/NA
Vinyl chloride	47		1.0	0.90	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene - DL	160		5.0	4.1	ug/L	5		8260C	Total/NA
Carbon dioxide	26000		10000	10000	ug/L	1		RSK-175	Total/NA
Ethane	8.1		7.5	1.5	ug/L	1		RSK-175	Total/NA
Ethene	48		7.0	1.5	ug/L	1		RSK-175	Total/NA
Methane	82		4.0	1.0	ug/L	1		RSK-175	Total/NA
Iron	0.65		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	51.0		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.13	^+ B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	7.8		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	1160		5.0	1.6	mg/L	5		6010C	Total/NA
Chloride	2020		10.0	5.6	mg/L	20		300.0	Total/NA
Sulfate	178		40.0	7.0	mg/L	20		300.0	Total/NA
Ammonia	0.27		0.020	0.0090	mg/L	1		350.1	Total/NA
Nitrate	0.045	J	0.050	0.020	mg/L	1		353.2	Total/NA
Nitrate Nitrite as N	0.045	J B	0.050	0.020	mg/L	1		353.2	Total/NA
Total Alkalinity	309		5.0	0.79	mg/L	1		SM 2320B	Total/NA

Client Sample ID: MW-7-7-072224 — Lab Sample ID: 480-221913-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	28000		2000	1600	ug/L	2000		8260C	Total/NA
Tetrachloroethene	100000		2000	720	ug/L	2000		8260C	Total/NA
Trichloroethene	14000		2000	920	ug/L	2000		8260C	Total/NA
Vinyl chloride	6000		2000	1800	ug/L	2000		8260C	Total/NA
Carbon dioxide	43000		10000	10000	ug/L	1		RSK-175	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-7-7-072224 (Continued) — Lab Sample ID: 480-221913-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethane	50		41	8.3	ug/L	5.5		RSK-175	Total/NA
Ethene	440		39	8.3	ug/L	5.5		RSK-175	Total/NA
Methane	870		22	5.5	ug/L	5.5		RSK-175	Total/NA
Iron	0.10		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	153		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.030	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	35.2		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	1410		10.0	3.2	mg/L	10		6010C	Total/NA
Chloride	3150		25.0	14.1	mg/L	50		300.0	Total/NA
Sulfate	407		100	17.5	mg/L	50		300.0	Total/NA
Ammonia	3.5		0.10	0.045	mg/L	5		350.1	Total/NA
Nitrate	0.040	J	0.050	0.020	mg/L	1		353.2	Total/NA
Nitrate Nitrite as N	0.040	J B	0.050	0.020	mg/L	1		353.2	Total/NA
Total Organic Carbon	5.8		1.0	0.43	mg/L	1		9060A	Total/NA
Total Alkalinity	279		5.0	0.79	mg/L	1		SM 2320B	Total/NA
Sulfide	0.80	J	1.0	0.67	mg/L	1		SM 4500 S2 F	Total/NA

Client Sample ID: MW-6-F-8-072324 — Lab Sample ID: 480-221958-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon dioxide	59000		10000	10000	ug/L	1		RSK-175	Total/NA
Iron	0.043	J	0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	52.4		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.26		0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	4.7		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	681		1.0	0.32	mg/L	1		6010C	Total/NA
Chloride	1390		10.0	5.6	mg/L	20		300.0	Total/NA
Sulfate	79.2		40.0	7.0	mg/L	20		300.0	Total/NA
Ammonia	0.039		0.020	0.0090	mg/L	1		350.1	Total/NA
Total Alkalinity	399		5.0	0.79	mg/L	1		SM 2320B	Total/NA

Client Sample ID: MW-8-4-072324 — Lab Sample ID: 480-221958-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	31		1.0	0.81	ug/L	1		8260C	Total/NA
Trichloroethene	7.7		1.0	0.46	ug/L	1		8260C	Total/NA
Vinyl chloride	12		1.0	0.90	ug/L	1		8260C	Total/NA
Carbon dioxide	20000		10000	10000	ug/L	1		RSK-175	Total/NA
Methane	170		4.0	1.0	ug/L	1		RSK-175	Total/NA
Iron	0.59		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	65.1		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.29		0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	14.2		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	2970		20.0	6.5	mg/L	20		6010C	Total/NA
Chloride	4170		25.0	14.1	mg/L	50		300.0	Total/NA
Sulfate	297		100	17.5	mg/L	50		300.0	Total/NA
Ammonia	0.050		0.020	0.0090	mg/L	1		350.1	Total/NA
Total Alkalinity	236		5.0	0.79	mg/L	1		SM 2320B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: GHD Services Inc.
Project/Site: 12616852, GM Lockport 256043

Job ID: 480-221700-1
SDG: BCP

Client Sample ID: MW-6-2-072324 — Lab Sample ID: 480-221958-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon dioxide	49000		10000	10000	ug/L	1		RSK-175	Total/NA
Iron	0.13		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	88.8		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.23		0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	3.5		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	1620		5.0	1.6	mg/L	5		6010C	Total/NA
Chloride	2310		10.0	5.6	mg/L	20		300.0	Total/NA
Sulfate	259		40.0	7.0	mg/L	20		300.0	Total/NA
Nitrate	0.085		0.050	0.020	mg/L	1		353.2	Total/NA
Nitrate Nitrite as N	0.085		0.050	0.020	mg/L	1		353.2	Total/NA
Total Alkalinity	383		5.0	0.79	mg/L	1		SM 2320B	Total/NA

Client Sample ID: TRIP BLANK-072324 — Lab Sample ID: 480-221958-4

No Detections.

Client Sample ID: DUPE-02-072424 — Lab Sample ID: 480-222015-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	150000		5000	1800	ug/L	5000		8260C	Total/NA
Trichloroethene	4900	J	5000	2300	ug/L	5000		8260C	Total/NA
Carbon dioxide	70000		10000	10000	ug/L	1		RSK-175	Total/NA
Ethane	2.5	J B	7.5	1.5	ug/L	1		RSK-175	Total/NA
Ethene	6.0	J B	7.0	1.5	ug/L	1		RSK-175	Total/NA
Methane	6.5	B	4.0	1.0	ug/L	1		RSK-175	Total/NA
Iron	1.1		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	102		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.72	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	4.7		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	148		1.0	0.32	mg/L	1		6010C	Total/NA
Chloride	614		5.0	2.8	mg/L	10		300.0	Total/NA
Sulfate	232		20.0	3.5	mg/L	10		300.0	Total/NA
Ammonia	0.22	B	0.020	0.0090	mg/L	1		350.1	Total/NA
Total Organic Carbon	3.2		1.0	0.43	mg/L	1		9060A	Total/NA
Total Alkalinity	296		5.0	0.79	mg/L	1		SM 2320B	Total/NA

Client Sample ID: BLDG-10-MW-1-072424 — Lab Sample ID: 480-222015-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	150000		5000	1800	ug/L	5000		8260C	Total/NA
Trichloroethene	5000		5000	2300	ug/L	5000		8260C	Total/NA
Carbon dioxide	64000		10000	10000	ug/L	1		RSK-175	Total/NA
Ethane	2.4	J B	7.5	1.5	ug/L	1		RSK-175	Total/NA
Ethene	5.8	J B	7.0	1.5	ug/L	1		RSK-175	Total/NA
Methane	6.7	B	4.0	1.0	ug/L	1		RSK-175	Total/NA
Iron	1.0		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	100		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.71	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	4.6		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	145		1.0	0.32	mg/L	1		6010C	Total/NA
Chloride	618		5.0	2.8	mg/L	10		300.0	Total/NA
Sulfate	231		20.0	3.5	mg/L	10		300.0	Total/NA
Ammonia	0.21	B	0.020	0.0090	mg/L	1		350.1	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: BLDG-10-MW-1-072424 (Continued) — Lab Sample ID: 480-222015-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon	3.2		1.0	0.43	mg/L	1		9060A	Total/NA
Total Alkalinity	305		5.0	0.79	mg/L	1		SM 2320B	Total/NA

Client Sample ID: MW-9-101-A-072424 — Lab Sample ID: 480-222015-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon dioxide	38000		10000	10000	ug/L	1		RSK-175	Total/NA
Ethane	1.7	J B	7.5	1.5	ug/L	1		RSK-175	Total/NA
Ethene	1.7	J B	7.0	1.5	ug/L	1		RSK-175	Total/NA
Methane	1.2	J B	4.0	1.0	ug/L	1		RSK-175	Total/NA
Magnesium	79.4		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.028	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	19.9		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	1430		5.0	1.6	mg/L	5		6010C	Total/NA
Chloride	1910		10.0	5.6	mg/L	20		300.0	Total/NA
Sulfate	1070		40.0	7.0	mg/L	20		300.0	Total/NA
Nitrate	1.4		0.050	0.020	mg/L	1		353.2	Total/NA
Nitrate Nitrite as N	1.4		0.050	0.020	mg/L	1		353.2	Total/NA
Total Organic Carbon	1.5		1.0	0.43	mg/L	1		9060A	Total/NA
Total Alkalinity	297		5.0	0.79	mg/L	1		SM 2320B	Total/NA

Client Sample ID: MW-7-8-072424 — Lab Sample ID: 480-222015-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	360		10	8.1	ug/L	10		8260C	Total/NA
Tetrachloroethene	470		10	3.6	ug/L	10		8260C	Total/NA
Trichloroethene	190		10	4.6	ug/L	10		8260C	Total/NA
Vinyl chloride	370		10	9.0	ug/L	10		8260C	Total/NA
Carbon dioxide	32000		10000	10000	ug/L	1		RSK-175	Total/NA
Ethane	6.7	J B	7.5	1.5	ug/L	1		RSK-175	Total/NA
Ethene	8.6	B	7.0	1.5	ug/L	1		RSK-175	Total/NA
Methane	66	B	4.0	1.0	ug/L	1		RSK-175	Total/NA
Iron	5.0		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	174		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.79	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	40.5		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	2330		20.0	6.5	mg/L	20		6010C	Total/NA
Chloride	4710		25.0	14.1	mg/L	50		300.0	Total/NA
Sulfate	185		100	17.5	mg/L	50		300.0	Total/NA
Ammonia	0.50	B	0.020	0.0090	mg/L	1		350.1	Total/NA
Total Alkalinity	141		5.0	0.79	mg/L	1		SM 2320B	Total/NA

Client Sample ID: TRIP BLANK-072424 — Lab Sample ID: 480-222015-5

No Detections.

Client Sample ID: MW-8-2-072524 — Lab Sample ID: 480-222055-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	3700		100	81	ug/L	100		8260C	Total/NA
Trichloroethene	1100		100	46	ug/L	100		8260C	Total/NA
Vinyl chloride	280		100	90	ug/L	100		8260C	Total/NA
Carbon dioxide	51000		10000	10000	ug/L	1		RSK-175	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-8-2-072524 (Continued) — Lab Sample ID: 480-222055-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methane	430		44	11	ug/L	11		RSK-175	Total/NA
Iron	5.0		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	44.0		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.73	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	5.2		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	70.3	F1	1.0	0.32	mg/L	1		6010C	Total/NA
Chloride	151		2.5	1.4	mg/L	5		300.0	Total/NA
Sulfate	62.9		10.0	1.7	mg/L	5		300.0	Total/NA
Ammonia	0.19	F1	0.020	0.0090	mg/L	1		350.1	Total/NA
Total Organic Carbon	1.4		1.0	0.43	mg/L	1		9060A	Total/NA
Total Alkalinity	2500	F1	125	19.8	mg/L	1		SM 2320B	Total/NA

Client Sample ID: MW-8-1-072524 — Lab Sample ID: 480-222055-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.94	J	1.0	0.46	ug/L	1		8260C	Total/NA
Carbon dioxide	51000		10000	10000	ug/L	1		RSK-175	Total/NA
Ethane	27		7.5	1.5	ug/L	1		RSK-175	Total/NA
Methane	230		4.0	1.0	ug/L	1		RSK-175	Total/NA
Iron	0.029	J	0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	128		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.10	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	20.3		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	643		1.0	0.32	mg/L	1		6010C	Total/NA
Chloride	1290		10.0	5.6	mg/L	20		300.0	Total/NA
Sulfate	910		40.0	7.0	mg/L	20		300.0	Total/NA
Ammonia	1.4		0.020	0.0090	mg/L	1		350.1	Total/NA
Total Alkalinity	299		5.0	0.79	mg/L	1		SM 2320B	Total/NA
Sulfide	2.8		1.0	0.67	mg/L	1		SM 4500 S2 F	Total/NA

Client Sample ID: TRIP BLANK-072524 — Lab Sample ID: 480-222055-3

No Detections.

Client Sample ID: MW-8-3-072624 — Lab Sample ID: 480-222107-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon dioxide	26000		10000	10000	ug/L	1		RSK-175	Total/NA
Ethane	36	J	170	33	ug/L	22		RSK-175	Total/NA
Methane	2600		88	22	ug/L	22		RSK-175	Total/NA
Iron	5.6		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	147		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	1.2	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	233		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	704		1.0	0.32	mg/L	1		6010C	Total/NA
Chloride	2070		10.0	5.6	mg/L	20		300.0	Total/NA
Sulfate	593		40.0	7.0	mg/L	20		300.0	Total/NA
Ammonia	5.0		0.10	0.045	mg/L	5		350.1	Total/NA
Nitrate	0.21	H	0.050	0.020	mg/L	1		353.2	Total/NA
Nitrate Nitrite as N	0.24	H	0.050	0.020	mg/L	1		353.2	Total/NA
Nitrite	0.026	J H	0.050	0.020	mg/L	1		353.2	Total/NA
Total Organic Carbon	6.3		1.0	0.43	mg/L	1		9060A	Total/NA
Total Alkalinity	173		5.0	0.79	mg/L	1		SM 2320B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: GHD Services Inc.
Project/Site: 12616852, GM Lockport 256043

Job ID: 480-221700-1
SDG: BCP

Client Sample ID: TRIP BLANK-072524A — Lab Sample ID: 480-222107-2

No Detections.

Client Sample ID: MW-7-A-6-080124 — Lab Sample ID: 480-222217-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	130000		2000	1600	ug/L	2000		8260C	Total/NA
Tetrachloroethene	4600		2000	720	ug/L	2000		8260C	Total/NA
Trichloroethene	2800		2000	920	ug/L	2000		8260C	Total/NA
Vinyl chloride	76000		2000	1800	ug/L	2000		8260C	Total/NA
Carbon dioxide	260000		10000	10000	ug/L	1		RSK-175	Total/NA
Ethane	94	J	170	33	ug/L	22		RSK-175	Total/NA
Ethene	5300		150	33	ug/L	22		RSK-175	Total/NA
Methane	1700		88	22	ug/L	22		RSK-175	Total/NA
Iron	13.4		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	102		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	1.2	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	3.6		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	240		1.0	0.32	mg/L	1		6010C	Total/NA
Chloride	742		5.0	2.8	mg/L	10		300.0	Total/NA
Sulfate	22.4		20.0	3.5	mg/L	10		300.0	Total/NA
Ammonia	0.13		0.020	0.0090	mg/L	1		350.1	Total/NA
Total Organic Carbon	16.4		1.0	0.43	mg/L	1		9060A	Total/NA
Total Alkalinity	321		5.0	0.79	mg/L	1		SM 2320B	Total/NA

Client Sample ID: MW-9-12-080124 — Lab Sample ID: 480-222217-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon dioxide	30000		10000	10000	ug/L	1		RSK-175	Total/NA
Methane	29		4.0	1.0	ug/L	1		RSK-175	Total/NA
Iron	0.25		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	42.8		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.29	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Potassium	5.8		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	611		1.0	0.32	mg/L	1		6010C	Total/NA
Chloride	1090		5.0	2.8	mg/L	10		300.0	Total/NA
Sulfate	102		20.0	3.5	mg/L	10		300.0	Total/NA
Ammonia	0.15		0.020	0.0090	mg/L	1		350.1	Total/NA
Nitrate	0.15		0.050	0.020	mg/L	1		353.2	Total/NA
Nitrate Nitrite as N	0.15	F1	0.050	0.020	mg/L	1		353.2	Total/NA
Total Alkalinity	251		5.0	0.79	mg/L	1		SM 2320B	Total/NA

Client Sample ID: TRIP BLANK-080124 — Lab Sample ID: 480-222217-3

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-6-1-071624

Date Collected: 07/16/24 11:15
Date Received: 07/16/24 15:46

Lab Sample ID: 480-221700-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/17/24 14:44	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/17/24 14:44	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/17/24 14:44	1
Trichloroethene	ND		1.0	0.46	ug/L			07/17/24 14:44	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/17/24 14:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*77 - 120*		*07/17/24 14:44*	*1*
4-Bromofluorobenzene (Surr)	*89*		*73 - 120*		*07/17/24 14:44*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*07/17/24 14:44*	*1*
Dibromofluoromethane (Surr)	*87*		*75 - 123*		*07/17/24 14:44*	*1*

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon dioxide	**110000**		10000	10000	ug/L			07/26/24 14:29	1
Ethane	ND		7.5	1.5	ug/L			07/17/24 13:30	1
Ethene	ND		7.0	1.5	ug/L			07/17/24 13:30	1
Methane	**110**		4.0	1.0	ug/L			07/17/24 13:30	1

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**14.6**		0.050	0.019	mg/L		07/17/24 08:37	07/18/24 14:03	1
Magnesium	**47.8**		0.20	0.043	mg/L		07/17/24 08:37	07/18/24 14:03	1
Manganese	**2.3**		0.0030	0.00040	mg/L		07/17/24 08:37	07/18/24 14:03	1
Potassium	**2.6**		0.50	0.10	mg/L		07/17/24 08:37	07/18/24 14:03	1
Sodium	**407**		1.0	0.32	mg/L		07/17/24 08:37	07/18/24 14:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	**836**		5.0	2.8	mg/L			07/18/24 20:36	10
Sulfate (EPA 300.0)	**31.4**		20.0	3.5	mg/L			07/18/24 20:36	10
Ammonia (EPA 350.1)	**0.75**		0.020	0.0090	mg/L			07/17/24 13:35	1
Nitrate (EPA 353.2)	ND		0.050	0.020	mg/L			07/17/24 16:38	1
Nitrate Nitrite as N (EPA 353.2)	ND		0.050	0.020	mg/L			07/17/24 16:38	1
Nitrite (EPA 353.2)	ND		0.050	0.020	mg/L			07/17/24 16:38	1
Total Organic Carbon (SW846 9060A)	**5.5**	**B**	1.0	0.43	mg/L			07/17/24 15:44	1
Total Alkalinity (SM 2320B)	**365**		5.0	0.79	mg/L			07/21/24 10:25	1
Sulfide (SM 4500 S2 F)	ND		1.0	0.67	mg/L			07/23/24 17:15	1

Client Sample ID: MW-7-P-1-071624

Date Collected: 07/16/24 13:00
Date Received: 07/16/24 15:46

Lab Sample ID: 480-221700-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**2.7**		2.0	1.6	ug/L			07/17/24 15:08	2
Tetrachloroethene	ND		2.0	0.72	ug/L			07/17/24 15:08	2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			07/17/24 15:08	2
Trichloroethene	ND		2.0	0.92	ug/L			07/17/24 15:08	2
Vinyl chloride	**3.9**		2.0	1.8	ug/L			07/17/24 15:08	2

Client Sample ID: MW-7-P-1-071624

Date Collected: 07/16/24 13:00
Date Received: 07/16/24 15:46

Lab Sample ID: 480-221700-2

Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*77 - 120*		*07/17/24 15:08*	*2*
4-Bromofluorobenzene (Surr)	*90*		*73 - 120*		*07/17/24 15:08*	*2*
Toluene-d8 (Surr)	*94*		*80 - 120*		*07/17/24 15:08*	*2*
Dibromofluoromethane (Surr)	*87*		*75 - 123*		*07/17/24 15:08*	*2*

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon dioxide	**120000**		10000	10000	ug/L			07/26/24 14:40	1
Ethane	**29**		7.5	1.5	ug/L			07/17/24 13:49	1
Ethene	**1.8**	**J**	7.0	1.5	ug/L			07/17/24 13:49	1

Method: RSK-175 - Dissolved Gases (GC) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	**6400**		88	22	ug/L			07/17/24 14:29	22

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**50.3**		0.050	0.019	mg/L		07/17/24 08:37	07/18/24 14:05	1
Magnesium	**233**		0.20	0.043	mg/L		07/17/24 08:37	07/18/24 14:05	1
Manganese	**2.7**		0.0030	0.00040	mg/L		07/17/24 08:37	07/18/24 14:05	1
Potassium	**25.0**		0.50	0.10	mg/L		07/17/24 08:37	07/18/24 14:05	1
Sodium	**226**		1.0	0.32	mg/L		07/17/24 08:37	07/18/24 14:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	**3070**		25.0	14.1	mg/L			07/18/24 20:51	50
Sulfate (EPA 300.0)	ND		100	17.5	mg/L			07/18/24 20:51	50
Ammonia (EPA 350.1)	**109**		0.20	0.090	mg/L			07/17/24 14:30	10
Nitrate (EPA 353.2)	**0.14**		0.050	0.020	mg/L			07/17/24 17:18	1
Nitrate Nitrite as N (EPA 353.2)	**0.20**		0.050	0.020	mg/L			07/17/24 16:39	1
Nitrite (EPA 353.2)	**0.058**		0.050	0.020	mg/L			07/17/24 17:18	1
Total Organic Carbon (SW846 9060A)	**5.9**	**B**	1.0	0.43	mg/L			07/17/24 16:40	1
Total Alkalinity (SM 2320B)	**175**		5.0	0.79	mg/L			07/21/24 10:31	1
Sulfide (SM 4500 S2 F)	ND	F1	1.0	0.67	mg/L			07/23/24 17:15	1

Client Sample ID: TK-6-071624

Date Collected: 07/16/24 14:45
Date Received: 07/16/24 15:46

Lab Sample ID: 480-221700-3

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		2.0	1.6	ug/L			07/17/24 15:33	2
Tetrachloroethene	ND		2.0	0.72	ug/L			07/17/24 15:33	2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			07/17/24 15:33	2
Trichloroethene	ND		2.0	0.92	ug/L			07/17/24 15:33	2
Vinyl chloride	ND		2.0	1.8	ug/L			07/17/24 15:33	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*77 - 120*		*07/17/24 15:33*	*2*
4-Bromofluorobenzene (Surr)	*92*		*73 - 120*		*07/17/24 15:33*	*2*
Toluene-d8 (Surr)	*98*		*80 - 120*		*07/17/24 15:33*	*2*

Client Sample ID: TK-6-071624

Lab Sample ID: 480-221700-3
Matrix: Water
Date Collected: 07/16/24 14:45
Date Received: 07/16/24 15:46

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	*90*		*75 - 123*		*07/17/24 15:33*	*2*

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon dioxide	**37000**		10000	10000	ug/L			07/26/24 14:51	1
Ethane	ND		7.5	1.5	ug/L			07/17/24 14:10	1
Ethene	ND		7.0	1.5	ug/L			07/17/24 14:10	1
Methane	**3.9**	**J**	4.0	1.0	ug/L			07/17/24 14:10	1

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	ND		0.050	0.019	mg/L		07/17/24 08:37	07/18/24 14:13	1
Magnesium	**38.6**		0.20	0.043	mg/L		07/17/24 08:37	07/18/24 14:13	1
Manganese	**0.0023**	**J**	0.0030	0.00040	mg/L		07/17/24 08:37	07/18/24 14:13	1
Potassium	**1.5**		0.50	0.10	mg/L		07/17/24 08:37	07/18/24 14:13	1
Sodium	**1070**		5.0	1.6	mg/L		07/17/24 08:37	07/19/24 12:36	5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	**1800**		10.0	5.6	mg/L			07/18/24 21:06	20
Sulfate (EPA 300.0)	**208**		40.0	7.0	mg/L			07/18/24 21:06	20
Ammonia (EPA 350.1)	**0.052**	**F1**	0.020	0.0090	mg/L			07/17/24 13:37	1
Nitrate (EPA 353.2)	**0.60**		0.050	0.020	mg/L			07/17/24 17:19	1
Nitrate Nitrite as N (EPA 353.2)	**0.60**		0.050	0.020	mg/L			07/17/24 16:40	1
Nitrite (EPA 353.2)	ND		0.050	0.020	mg/L			07/17/24 17:19	1
Total Organic Carbon (SW846 9060A)	**2.1**	**B**	1.0	0.43	mg/L			07/17/24 17:37	1
Total Alkalinity (SM 2320B)	**379**		5.0	0.79	mg/L			07/21/24 10:39	1
Sulfide (SM 4500 S2 F)	ND		1.0	0.67	mg/L			07/23/24 17:15	1

Client Sample ID: TRIP BLANK-071624

Lab Sample ID: 480-221700-4
Matrix: Water
Date Collected: 07/16/24 00:00
Date Received: 07/16/24 15:46

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/17/24 15:57	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/17/24 15:57	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/17/24 15:57	1
Trichloroethene	ND		1.0	0.46	ug/L			07/17/24 15:57	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/17/24 15:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*95*		*77 - 120*		*07/17/24 15:57*	*1*
4-Bromofluorobenzene (Surr)	*91*		*73 - 120*		*07/17/24 15:57*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*07/17/24 15:57*	*1*
Dibromofluoromethane (Surr)	*89*		*75 - 123*		*07/17/24 15:57*	*1*

Client Sample ID: MW-7-1-071724

Date Collected: 07/17/24 11:00
Date Received: 07/17/24 17:05

Lab Sample ID: 480-221751-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		5.0	4.1	ug/L			07/22/24 18:49	5
Tetrachloroethene	ND		5.0	1.8	ug/L			07/22/24 18:49	5
trans-1,2-Dichloroethene	ND		5.0	4.5	ug/L			07/22/24 18:49	5
Trichloroethene	ND		5.0	2.3	ug/L			07/22/24 18:49	5
Vinyl chloride	ND		5.0	4.5	ug/L			07/22/24 18:49	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*77 - 120*		*07/22/24 18:49*	*5*
4-Bromofluorobenzene (Surr)	*85*		*73 - 120*		*07/22/24 18:49*	*5*
Toluene-d8 (Surr)	*98*		*80 - 120*		*07/22/24 18:49*	*5*
Dibromofluoromethane (Surr)	*90*		*75 - 123*		*07/22/24 18:49*	*5*

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon dioxide	**68000**		10000	10000	ug/L			07/26/24 15:02	1
Ethane	ND		7.5	1.5	ug/L			07/19/24 10:55	1
Ethene	ND		7.0	1.5	ug/L			07/19/24 10:55	1
Methane	**5.8**		4.0	1.0	ug/L			07/19/24 10:55	1

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**0.029**	**J**	0.050	0.019	mg/L		07/19/24 09:01	07/19/24 15:49	1
Magnesium	**125**		0.20	0.043	mg/L		07/19/24 09:01	07/19/24 15:49	1
Manganese	**0.13**		0.0030	0.00040	mg/L		07/19/24 09:01	07/19/24 15:49	1
Potassium	**6.9**		0.50	0.10	mg/L		07/19/24 09:01	07/19/24 15:49	1
Sodium	**1260**		5.0	1.6	mg/L		07/19/24 09:01	07/22/24 10:27	5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	**3160**		10.0	5.6	mg/L			07/19/24 19:40	20
Sulfate (EPA 300.0)	**157**		40.0	7.0	mg/L			07/19/24 19:40	20
Ammonia (EPA 350.1)	**0.016**	**J B**	0.020	0.0090	mg/L			07/23/24 15:41	1
Nitrate (EPA 353.2)	**0.056**		0.050	0.020	mg/L			07/18/24 16:51	1
Nitrate Nitrite as N (EPA 353.2)	**0.056**		0.050	0.020	mg/L			07/18/24 14:04	1
Nitrite (EPA 353.2)	ND		0.050	0.020	mg/L			07/18/24 16:59	1
Total Organic Carbon (SW846 9060A)	ND		1.0	0.43	mg/L			07/24/24 01:08	1
Total Alkalinity (SM 2320B)	**300**		5.0	0.79	mg/L			07/20/24 10:35	1
Sulfide (SM 4500 S2 F)	ND		1.0	0.67	mg/L			07/24/24 15:06	1

Client Sample ID: MW-7-6-071724

Date Collected: 07/17/24 13:00
Date Received: 07/17/24 17:05

Lab Sample ID: 480-221751-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**700**		20	16	ug/L			07/23/24 15:05	20
Tetrachloroethene	**630**		20	7.2	ug/L			07/23/24 15:05	20
trans-1,2-Dichloroethene	ND		20	18	ug/L			07/23/24 15:05	20
Trichloroethene	**330**		20	9.2	ug/L			07/23/24 15:05	20
Vinyl chloride	ND		20	18	ug/L			07/23/24 15:05	20

Client Sample ID: MW-7-6-071724

Date Collected: 07/17/24 13:00
Date Received: 07/17/24 17:05

Lab Sample ID: 480-221751-2

Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*77 - 120*		*07/23/24 15:05*	*20*
4-Bromofluorobenzene (Surr)	*87*		*73 - 120*		*07/23/24 15:05*	*20*
Toluene-d8 (Surr)	*92*		*80 - 120*		*07/23/24 15:05*	*20*
Dibromofluoromethane (Surr)	*88*		*75 - 123*		*07/23/24 15:05*	*20*

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon dioxide	**41000**		10000	10000	ug/L			07/26/24 15:13	1
Ethane	**13**		7.5	1.5	ug/L			07/19/24 11:14	1
Ethene	ND		7.0	1.5	ug/L			07/19/24 11:14	1
Methane	**280**		4.0	1.0	ug/L			07/19/24 11:14	1

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**0.068**		0.050	0.019	mg/L		07/19/24 09:01	07/19/24 15:51	1
Magnesium	**47.3**		0.20	0.043	mg/L		07/19/24 09:01	07/19/24 15:51	1
Manganese	**0.13**		0.0030	0.00040	mg/L		07/19/24 09:01	07/19/24 15:51	1
Potassium	**8.4**		0.50	0.10	mg/L		07/19/24 09:01	07/19/24 15:51	1
Sodium	**2040**		10.0	3.2	mg/L		07/19/24 09:01	07/22/24 10:29	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	**3250**		25.0	14.1	mg/L			07/19/24 19:55	50
Sulfate (EPA 300.0)	**175**		100	17.5	mg/L			07/19/24 19:55	50
Ammonia (EPA 350.1)	**0.10**	**B**	0.020	0.0090	mg/L			07/23/24 15:45	1
Nitrate (EPA 353.2)	**0.18**		0.050	0.020	mg/L			07/18/24 17:00	1
Nitrate Nitrite as N (EPA 353.2)	**0.18**		0.050	0.020	mg/L			07/18/24 14:06	1
Nitrite (EPA 353.2)	ND		0.050	0.020	mg/L			07/18/24 17:00	1
Total Organic Carbon (SW846 9060A)	**0.51**	**J**	1.0	0.43	mg/L			07/24/24 01:38	1
Total Alkalinity (SM 2320B)	**390**		5.0	0.79	mg/L			07/20/24 10:42	1
Sulfide (SM 4500 S2 F)	ND		1.0	0.67	mg/L			07/24/24 15:06	1

Client Sample ID: MW-7-5-071724

Date Collected: 07/17/24 14:00
Date Received: 07/17/24 17:05

Lab Sample ID: 480-221751-3

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		5.0	4.1	ug/L			07/23/24 15:30	5
Tetrachloroethene	**180**		5.0	1.8	ug/L			07/23/24 15:30	5
trans-1,2-Dichloroethene	ND		5.0	4.5	ug/L			07/23/24 15:30	5
Trichloroethene	**33**		5.0	2.3	ug/L			07/23/24 15:30	5
Vinyl chloride	ND		5.0	4.5	ug/L			07/23/24 15:30	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*77 - 120*		*07/23/24 15:30*	*5*
4-Bromofluorobenzene (Surr)	*93*		*73 - 120*		*07/23/24 15:30*	*5*
Toluene-d8 (Surr)	*95*		*80 - 120*		*07/23/24 15:30*	*5*
Dibromofluoromethane (Surr)	*86*		*75 - 123*		*07/23/24 15:30*	*5*

Client Sample ID: MW-7-5-071724

Lab Sample ID: 480-221751-3

Date Collected: 07/17/24 14:00

Matrix: Water

Date Received: 07/17/24 17:05

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon dioxide	**26000**		10000	10000	ug/L			07/26/24 15:23	1
Ethane	ND		7.5	1.5	ug/L			07/19/24 11:33	1
Ethene	ND		7.0	1.5	ug/L			07/19/24 11:33	1
Methane	ND		4.0	1.0	ug/L			07/19/24 11:33	1

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**0.18**		0.050	0.019	mg/L		07/19/24 09:01	07/19/24 15:53	1
Magnesium	**13.0**		0.20	0.043	mg/L		07/19/24 09:01	07/19/24 15:53	1
Manganese	**0.025**		0.0030	0.00040	mg/L		07/19/24 09:01	07/19/24 15:53	1
Potassium	**3.6**		0.50	0.10	mg/L		07/19/24 09:01	07/19/24 15:53	1
Sodium	**93.5**		1.0	0.32	mg/L		07/19/24 09:01	07/19/24 15:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	**146**		2.5	1.4	mg/L			07/19/24 20:10	5
Sulfate (EPA 300.0)	**14.9**		10.0	1.7	mg/L			07/19/24 20:10	5
Ammonia (EPA 350.1)	**0.056**	**B F1**	0.020	0.0090	mg/L			07/23/24 15:47	1
Nitrate (EPA 353.2)	**0.58**		0.050	0.020	mg/L			07/18/24 17:02	1
Nitrate Nitrite as N (EPA 353.2)	**0.58**		0.050	0.020	mg/L			07/18/24 14:07	1
Nitrite (EPA 353.2)	ND		0.050	0.020	mg/L			07/18/24 17:02	1
Total Organic Carbon (SW846 9060A)	**7.5**		1.0	0.43	mg/L			07/24/24 02:06	1
Total Alkalinity (SM 2320B)	**338**		5.0	0.79	mg/L			07/20/24 10:50	1
Sulfide (SM 4500 S2 F)	ND		1.0	0.67	mg/L			07/24/24 15:06	1

Client Sample ID: MW-7-3-071724

Lab Sample ID: 480-221751-4

Date Collected: 07/17/24 16:00

Matrix: Water

Date Received: 07/17/24 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		2.0	1.6	ug/L			07/22/24 20:02	2
Tetrachloroethene	ND		2.0	0.72	ug/L			07/22/24 20:02	2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			07/22/24 20:02	2
Trichloroethene	ND		2.0	0.92	ug/L			07/22/24 20:02	2
Vinyl chloride	ND		2.0	1.8	ug/L			07/22/24 20:02	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*77 - 120*		*07/22/24 20:02*	*2*
4-Bromofluorobenzene (Surr)	*84*		*73 - 120*		*07/22/24 20:02*	*2*
Toluene-d8 (Surr)	*108*		*80 - 120*		*07/22/24 20:02*	*2*
Dibromofluoromethane (Surr)	*89*		*75 - 123*		*07/22/24 20:02*	*2*

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon dioxide	**80000**		10000	10000	ug/L			07/26/24 15:34	1
Ethane	**4.5**	**J**	7.5	1.5	ug/L			07/19/24 11:52	1
Ethene	ND		7.0	1.5	ug/L			07/19/24 11:52	1
Methane	**240**		4.0	1.0	ug/L			07/19/24 11:52	1

Client Sample ID: MW-7-3-071724

Lab Sample ID: 480-221751-4
Matrix: Water
Date Collected: 07/17/24 16:00
Date Received: 07/17/24 17:05

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**5.7**		0.050	0.019	mg/L		07/19/24 09:01	07/19/24 15:55	1
Magnesium	**122**		0.20	0.043	mg/L		07/19/24 09:01	07/19/24 15:55	1
Manganese	**0.50**		0.0030	0.00040	mg/L		07/19/24 09:01	07/19/24 15:55	1
Potassium	**26.7**		0.50	0.10	mg/L		07/19/24 09:01	07/19/24 15:55	1
Sodium	**4390**		100	32.4	mg/L		07/19/24 09:01	07/22/24 10:30	100

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	**7200**		25.0	14.1	mg/L			07/19/24 20:25	50
Sulfate (EPA 300.0)	**694**		100	17.5	mg/L			07/19/24 20:25	50
Ammonia (EPA 350.1)	**1.2**	**B**	0.020	0.0090	mg/L			07/23/24 15:48	1
Nitrate (EPA 353.2)	**0.020**	**J**	0.050	0.020	mg/L			07/18/24 14:09	1
Nitrate Nitrite as N (EPA 353.2)	**0.020**	**J**	0.050	0.020	mg/L			07/18/24 14:09	1
Nitrite (EPA 353.2)	ND		0.050	0.020	mg/L			07/18/24 14:09	1
Total Organic Carbon (SW846 9060A)	**1.0**		1.0	0.43	mg/L			07/24/24 02:36	1
Total Alkalinity (SM 2320B)	**383**		5.0	0.79	mg/L			07/20/24 10:57	1
Sulfide (SM 4500 S2 F)	ND		1.0	0.67	mg/L			07/24/24 15:06	1

Client Sample ID: TRIP BLANK-071724

Lab Sample ID: 480-221751-5
Matrix: Water
Date Collected: 07/17/24 00:00
Date Received: 07/17/24 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/22/24 20:27	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/22/24 20:27	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/22/24 20:27	1
Trichloroethene	ND		1.0	0.46	ug/L			07/22/24 20:27	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/22/24 20:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*77 - 120*		*07/22/24 20:27*	*1*
4-Bromofluorobenzene (Surr)	*92*		*73 - 120*		*07/22/24 20:27*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*07/22/24 20:27*	*1*
Dibromofluoromethane (Surr)	*91*		*75 - 123*		*07/22/24 20:27*	*1*

Client Sample ID: MW-8-003-B-071824

Lab Sample ID: 480-221777-1
Matrix: Water
Date Collected: 07/18/24 10:30
Date Received: 07/18/24 14:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**520**		50	41	ug/L			07/19/24 17:54	50
Tetrachloroethene	**1000**		50	18	ug/L			07/19/24 17:54	50
trans-1,2-Dichloroethene	ND		50	45	ug/L			07/19/24 17:54	50
Trichloroethene	**200**		50	23	ug/L			07/19/24 17:54	50
Vinyl chloride	**74**		50	45	ug/L			07/19/24 17:54	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*77 - 120*		*07/19/24 17:54*	*50*

Client Sample ID: MW-8-003-B-071824

Lab Sample ID: 480-221777-1

Date Collected: 07/18/24 10:30
Matrix: Water
Date Received: 07/18/24 14:40

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*		*07/19/24 17:54*	*50*
Toluene-d8 (Surr)	*104*		*80 - 120*		*07/19/24 17:54*	*50*
Dibromofluoromethane (Surr)	*104*		*75 - 123*		*07/19/24 17:54*	*50*

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon dioxide	**11000**		10000	10000	ug/L			07/30/24 14:43	1
Ethane	ND		7.5	1.5	ug/L			07/19/24 09:40	1
Ethene	**9.2**		7.0	1.5	ug/L			07/19/24 09:40	1
Methane	**8.0**		4.0	1.0	ug/L			07/19/24 09:40	1

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**0.055**		0.050	0.019	mg/L		07/22/24 09:17	07/22/24 18:33	1
Magnesium	**16.9**		0.20	0.043	mg/L		07/22/24 09:17	07/22/24 18:33	1
Manganese	**0.19**		0.0030	0.00040	mg/L		07/22/24 09:17	07/22/24 18:33	1
Potassium	**6.5**		0.50	0.10	mg/L		07/22/24 09:17	07/22/24 18:33	1
Sodium	**130**		1.0	0.32	mg/L		07/22/24 09:17	07/23/24 14:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	**5240**	**F1**	25.0	14.1	mg/L			07/19/24 17:28	50
Sulfate (EPA 300.0)	**255**	**F2 F1**	100	17.5	mg/L			07/19/24 17:28	50
Ammonia (EPA 350.1)	**0.16**	**F1**	0.020	0.0090	mg/L			07/23/24 15:55	1
Nitrate (EPA 353.2)	**0.53**	**H**	0.050	0.020	mg/L			07/24/24 15:52	1
Nitrate Nitrite as N (EPA 353.2)	**0.56**	**H F1**	0.050	0.020	mg/L			07/24/24 15:52	1
Nitrite (EPA 353.2)	**0.028**	**J H F1**	0.050	0.020	mg/L			07/24/24 19:36	1
Total Organic Carbon (SW846 9060A)	**0.71**	**J**	1.0	0.43	mg/L			07/24/24 21:28	1
Total Alkalinity (SM 2320B)	**254**	**F1**	5.0	0.79	mg/L			07/20/24 12:29	1
Sulfide (SM 4500 S2 F)	ND	F1	1.0	0.67	mg/L			07/25/24 15:20	1

Client Sample ID: MW-7-2-071824

Lab Sample ID: 480-221777-2

Date Collected: 07/18/24 11:30
Matrix: Water
Date Received: 07/18/24 14:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/19/24 18:16	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/19/24 18:16	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/19/24 18:16	1
Trichloroethene	ND		1.0	0.46	ug/L			07/19/24 18:16	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/19/24 18:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*77 - 120*		*07/19/24 18:16*	*1*
4-Bromofluorobenzene (Surr)	*103*		*73 - 120*		*07/19/24 18:16*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*07/19/24 18:16*	*1*
Dibromofluoromethane (Surr)	*106*		*75 - 123*		*07/19/24 18:16*	*1*

Client Sample ID: MW-7-2-071824

Date Collected: 07/18/24 11:30
Date Received: 07/18/24 14:40

Lab Sample ID: 480-221777-2
Matrix: Water

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon dioxide	**33000**		10000	10000	ug/L			07/30/24 15:18	1
Ethane	ND		7.5	1.5	ug/L			07/19/24 09:59	1
Ethene	ND		7.0	1.5	ug/L			07/19/24 09:59	1
Methane	ND		4.0	1.0	ug/L			07/19/24 09:59	1

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	ND		0.050	0.019	mg/L		07/22/24 09:17	07/22/24 18:48	1
Magnesium	**34.2**		0.20	0.043	mg/L		07/22/24 09:17	07/22/24 18:48	1
Manganese	**0.0026**	**J**	0.0030	0.00040	mg/L		07/22/24 09:17	07/22/24 18:48	1
Potassium	**1.2**		0.50	0.10	mg/L		07/22/24 09:17	07/22/24 18:48	1
Sodium	**80.3**		1.0	0.32	mg/L		07/22/24 09:17	07/22/24 18:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	**135**		2.5	1.4	mg/L			07/19/24 22:08	5
Sulfate (EPA 300.0)	**23.5**		10.0	1.7	mg/L			07/19/24 22:08	5
Ammonia (EPA 350.1)	ND		0.020	0.0090	mg/L			07/23/24 15:52	1
Nitrate (EPA 353.2)	ND	H	0.050	0.020	mg/L			07/24/24 18:28	1
Nitrate Nitrite as N (EPA 353.2)	ND	H	0.050	0.020	mg/L			07/24/24 18:28	1
Nitrite (EPA 353.2)	ND	H	0.050	0.020	mg/L			07/24/24 18:28	1
Total Organic Carbon (SW846 9060A)	ND		1.0	0.43	mg/L			07/24/24 22:57	1
Total Alkalinity (SM 2320B)	**360**		5.0	0.79	mg/L			07/20/24 15:39	1
Sulfide (SM 4500 S2 F)	ND		1.0	0.67	mg/L			07/25/24 15:20	1

Client Sample ID: MW-7-C-2-071824

Date Collected: 07/18/24 13:15
Date Received: 07/18/24 14:40

Lab Sample ID: 480-221777-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**540**		10	8.1	ug/L			07/19/24 18:38	10
Tetrachloroethene	ND		10	3.6	ug/L			07/19/24 18:38	10
trans-1,2-Dichloroethene	ND		10	9.0	ug/L			07/19/24 18:38	10
Trichloroethene	ND		10	4.6	ug/L			07/19/24 18:38	10
Vinyl chloride	**160**		10	9.0	ug/L			07/19/24 18:38	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*77 - 120*		*07/19/24 18:38*	*10*
4-Bromofluorobenzene (Surr)	*104*		*73 - 120*		*07/19/24 18:38*	*10*
Toluene-d8 (Surr)	*103*		*80 - 120*		*07/19/24 18:38*	*10*
Dibromofluoromethane (Surr)	*107*		*75 - 123*		*07/19/24 18:38*	*10*

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon dioxide	**54000**		10000	10000	ug/L			07/30/24 15:30	1
Ethane	**1.9**	**J**	7.5	1.5	ug/L			07/19/24 10:18	1
Ethene	**13**		7.0	1.5	ug/L			07/19/24 10:18	1
Methane	**380**		4.0	1.0	ug/L			07/19/24 10:18	1

Client Sample ID: MW-7-C-2-071824

Lab Sample ID: 480-221777-3
Matrix: Water
Date Collected: 07/18/24 13:15
Date Received: 07/18/24 14:40

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**1.1**		0.050	0.019	mg/L		07/22/24 09:17	07/22/24 18:50	1
Magnesium	**141**		0.20	0.043	mg/L		07/22/24 09:17	07/22/24 18:50	1
Manganese	**0.28**		0.0030	0.00040	mg/L		07/22/24 09:17	07/22/24 18:50	1
Potassium	**5.7**		0.50	0.10	mg/L		07/22/24 09:17	07/22/24 18:50	1
Sodium	**154**		1.0	0.32	mg/L		07/22/24 09:17	07/22/24 18:50	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	**434**		5.0	2.8	mg/L			07/19/24 22:23	10
Sulfate (EPA 300.0)	**1010**		20.0	3.5	mg/L			07/19/24 22:23	10
Ammonia (EPA 350.1)	**0.23**		0.020	0.0090	mg/L			07/23/24 15:57	1
Nitrate (EPA 353.2)	ND	H	0.050	0.020	mg/L			07/24/24 18:29	1
Nitrate Nitrite as N (EPA 353.2)	ND	H	0.050	0.020	mg/L			07/24/24 18:29	1
Nitrite (EPA 353.2)	ND	H	0.050	0.020	mg/L			07/24/24 18:29	1
Total Organic Carbon (SW846 9060A)	ND		1.0	0.43	mg/L			07/24/24 23:25	1
Total Alkalinity (SM 2320B)	**310**	**F1**	5.0	0.79	mg/L			07/21/24 10:12	1
Sulfide (SM 4500 S2 F)	ND		1.0	0.67	mg/L			07/25/24 15:20	1

Client Sample ID: TRIP BLANK-071824

Lab Sample ID: 480-221777-4
Matrix: Water
Date Collected: 07/18/24 00:00
Date Received: 07/18/24 14:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/19/24 19:00	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/19/24 19:00	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/19/24 19:00	1
Trichloroethene	ND		1.0	0.46	ug/L			07/19/24 19:00	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/19/24 19:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*77 - 120*		*07/19/24 19:00*	*1*
4-Bromofluorobenzene (Surr)	*102*		*73 - 120*		*07/19/24 19:00*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*07/19/24 19:00*	*1*
Dibromofluoromethane (Surr)	*108*		*75 - 123*		*07/19/24 19:00*	*1*

Client Sample ID: MW-10-3-072224

Lab Sample ID: 480-221913-1
Matrix: Water
Date Collected: 07/22/24 11:30
Date Received: 07/22/24 16:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/24/24 08:20	1
Tetrachloroethene	**2.3**		1.0	0.36	ug/L			07/24/24 08:20	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/24/24 08:20	1
Trichloroethene	**3.0**		1.0	0.46	ug/L			07/24/24 08:20	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/24/24 08:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*77 - 120*		*07/24/24 08:20*	*1*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*		*07/24/24 08:20*	*1*

Client Sample ID: MW-10-3-072224

Date Collected: 07/22/24 11:30
Date Received: 07/22/24 16:55

Lab Sample ID: 480-221913-1

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*104*		*80 - 120*		*07/24/24 08:20*	*1*
Dibromofluoromethane (Surr)	*89*		*75 - 123*		*07/24/24 08:20*	*1*

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon dioxide	**10000**		10000	10000	ug/L			07/31/24 16:07	1
Ethane	ND		7.5	1.5	ug/L			07/23/24 12:39	1
Ethene	ND		7.0	1.5	ug/L			07/23/24 12:39	1
Methane	ND		4.0	1.0	ug/L			07/23/24 12:39	1

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**0.033**	**J**	0.050	0.019	mg/L		07/24/24 09:05	07/24/24 19:51	1
Magnesium	**25.0**		0.20	0.043	mg/L		07/24/24 09:05	07/24/24 19:51	1
Manganese	**0.0030**	**^+ B**	0.0030	0.00040	mg/L		07/24/24 09:05	07/24/24 19:51	1
Potassium	**7.3**		0.50	0.10	mg/L		07/24/24 09:05	07/24/24 19:51	1
Sodium	**136**		1.0	0.32	mg/L		07/24/24 09:05	07/24/24 19:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	**166**		2.5	1.4	mg/L			07/25/24 02:03	5
Sulfate (EPA 300.0)	**243**		10.0	1.7	mg/L			07/25/24 02:03	5
Ammonia (EPA 350.1)	ND		0.020	0.0090	mg/L			07/31/24 18:25	1
Nitrate (EPA 353.2)	**0.86**		0.050	0.020	mg/L			07/23/24 14:49	1
Nitrate Nitrite as N (EPA 353.2)	**0.86**	**B**	0.050	0.020	mg/L			07/23/24 14:49	1
Nitrite (EPA 353.2)	ND		0.050	0.020	mg/L			07/23/24 17:38	1
Total Organic Carbon (SW846 9060A)	ND		1.0	0.43	mg/L			07/31/24 17:24	1
Total Alkalinity (SM 2320B)	**178**		5.0	0.79	mg/L			07/30/24 22:03	1
Sulfide (SM 4500 S2 F)	ND	F1	1.0	0.67	mg/L			07/27/24 13:05	1

Client Sample ID: MW-10-2-072224

Date Collected: 07/22/24 13:30
Date Received: 07/22/24 16:55

Lab Sample ID: 480-221913-2

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**190**		5.0	4.1	ug/L			07/24/24 08:44	5
Tetrachloroethene	**21**		5.0	1.8	ug/L			07/24/24 08:44	5
trans-1,2-Dichloroethene	**5.3**		5.0	4.5	ug/L			07/24/24 08:44	5
Trichloroethene	**25**		5.0	2.3	ug/L			07/24/24 08:44	5
Vinyl chloride	**45**		5.0	4.5	ug/L			07/24/24 08:44	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*77 - 120*		*07/24/24 08:44*	*5*
4-Bromofluorobenzene (Surr)	*84*		*73 - 120*		*07/24/24 08:44*	*5*
Toluene-d8 (Surr)	*91*		*80 - 120*		*07/24/24 08:44*	*5*
Dibromofluoromethane (Surr)	*86*		*75 - 123*		*07/24/24 08:44*	*5*

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon dioxide	**24000**		10000	10000	ug/L			07/31/24 16:19	1

Client Sample ID: MW-10-2-072224

Lab Sample ID: 480-221913-2

Date Collected: 07/22/24 13:30

Matrix: Water

Date Received: 07/22/24 16:55

Method: RSK-175 - Dissolved Gases (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethane	7.3	J	7.5	1.5	ug/L			07/23/24 12:58	1
Ethene	47		7.0	1.5	ug/L			07/23/24 12:58	1
Methane	76		4.0	1.0	ug/L			07/23/24 12:58	1

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	0.28		0.050	0.019	mg/L		07/24/24 09:05	07/24/24 19:53	1
Magnesium	48.6		0.20	0.043	mg/L		07/24/24 09:05	07/24/24 19:53	1
Manganese	0.13	^+ B	0.0030	0.00040	mg/L		07/24/24 09:05	07/24/24 19:53	1
Potassium	7.4		0.50	0.10	mg/L		07/24/24 09:05	07/24/24 19:53	1
Sodium	1140		5.0	1.6	mg/L		07/24/24 09:05	07/25/24 14:28	5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	2010		10.0	5.6	mg/L			07/25/24 02:18	20
Sulfate (EPA 300.0)	177		40.0	7.0	mg/L			07/25/24 02:18	20
Ammonia (EPA 350.1)	0.31	F1	0.020	0.0090	mg/L			07/31/24 18:29	1
Nitrate (EPA 353.2)	0.045	J	0.050	0.020	mg/L			07/23/24 14:51	1
Nitrate Nitrite as N (EPA 353.2)	0.045	J B	0.050	0.020	mg/L			07/23/24 14:51	1
Nitrite (EPA 353.2)	ND		0.050	0.020	mg/L			07/23/24 14:51	1
Total Organic Carbon (SW846 9060A)	ND		1.0	0.43	mg/L			07/31/24 17:54	1
Total Alkalinity (SM 2320B)	274		5.0	0.79	mg/L			07/30/24 22:10	1
Sulfide (SM 4500 S2 F)	ND		1.0	0.67	mg/L			07/27/24 13:05	1

Client Sample ID: DUPE-01-072224

Lab Sample ID: 480-221913-3

Date Collected: 07/22/24 12:30

Matrix: Water

Date Received: 07/22/24 16:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	20		1.0	0.36	ug/L			07/24/24 20:51	1
trans-1,2-Dichloroethene	5.2		1.0	0.90	ug/L			07/24/24 20:51	1
Trichloroethene	23		1.0	0.46	ug/L			07/24/24 20:51	1
Vinyl chloride	47		1.0	0.90	ug/L			07/24/24 20:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	160		5.0	4.1	ug/L			07/25/24 15:42	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*77 - 120*		*07/25/24 15:42*	*5*
4-Bromofluorobenzene (Surr)	*95*		*73 - 120*		*07/25/24 15:42*	*5*
Toluene-d8 (Surr)	*95*		*80 - 120*		*07/25/24 15:42*	*5*
Dibromofluoromethane (Surr)	*88*		*75 - 123*		*07/25/24 15:42*	*5*

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon dioxide	26000		10000	10000	ug/L			07/31/24 16:31	1
Ethane	8.1		7.5	1.5	ug/L			07/23/24 13:17	1
Ethene	48		7.0	1.5	ug/L			07/23/24 13:17	1
Methane	82		4.0	1.0	ug/L			07/23/24 13:17	1

Client Sample ID: DUPE-01-072224

Lab Sample ID: 480-221913-3
Date Collected: 07/22/24 12:30
Matrix: Water
Date Received: 07/22/24 16:55

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	0.65		0.050	0.019	mg/L		07/24/24 09:05	07/24/24 19:55	1
Magnesium	51.0		0.20	0.043	mg/L		07/24/24 09:05	07/24/24 19:55	1
Manganese	0.13	^+ B	0.0030	0.00040	mg/L		07/24/24 09:05	07/24/24 19:55	1
Potassium	7.8		0.50	0.10	mg/L		07/24/24 09:05	07/24/24 19:55	1
Sodium	1160		5.0	1.6	mg/L		07/24/24 09:05	07/25/24 14:30	5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	2020		10.0	5.6	mg/L			07/25/24 02:33	20
Sulfate (EPA 300.0)	178		40.0	7.0	mg/L			07/25/24 02:33	20
Ammonia (EPA 350.1)	0.27		0.020	0.0090	mg/L			07/31/24 18:31	1
Nitrate (EPA 353.2)	0.045	J	0.050	0.020	mg/L			07/23/24 14:52	1
Nitrate Nitrite as N (EPA 353.2)	0.045	J B	0.050	0.020	mg/L			07/23/24 14:52	1
Nitrite (EPA 353.2)	ND		0.050	0.020	mg/L			07/23/24 14:52	1
Total Organic Carbon (SW846 9060A)	ND		1.0	0.43	mg/L			07/31/24 20:19	1
Total Alkalinity (SM 2320B)	309		5.0	0.79	mg/L			07/25/24 21:54	1
Sulfide (SM 4500 S2 F)	ND		1.0	0.67	mg/L			07/27/24 13:05	1

Client Sample ID: MW-7-7-072224

Lab Sample ID: 480-221913-4
Date Collected: 07/22/24 16:00
Matrix: Water
Date Received: 07/22/24 16:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	28000		2000	1600	ug/L			07/24/24 09:33	2000
Tetrachloroethene	100000		2000	720	ug/L			07/24/24 09:33	2000
trans-1,2-Dichloroethene	ND		2000	1800	ug/L			07/24/24 09:33	2000
Trichloroethene	14000		2000	920	ug/L			07/24/24 09:33	2000
Vinyl chloride	6000		2000	1800	ug/L			07/24/24 09:33	2000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*77 - 120*		*07/24/24 09:33*	*2000*
4-Bromofluorobenzene (Surr)	*94*		*73 - 120*		*07/24/24 09:33*	*2000*
Toluene-d8 (Surr)	*97*		*80 - 120*		*07/24/24 09:33*	*2000*
Dibromofluoromethane (Surr)	*91*		*75 - 123*		*07/24/24 09:33*	*2000*

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon dioxide	43000		10000	10000	ug/L			07/31/24 16:43	1
Ethane	50		41	8.3	ug/L			07/23/24 13:55	5.5
Ethene	440		39	8.3	ug/L			07/23/24 13:55	5.5
Methane	870		22	5.5	ug/L			07/23/24 13:55	5.5

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	0.10		0.050	0.019	mg/L		07/24/24 09:05	07/24/24 20:02	1
Magnesium	153		0.20	0.043	mg/L		07/24/24 09:05	07/24/24 20:02	1
Manganese	0.030	B	0.0030	0.00040	mg/L		07/24/24 09:05	07/24/24 20:02	1
Potassium	35.2		0.50	0.10	mg/L		07/24/24 09:05	07/24/24 20:02	1
Sodium	1410		10.0	3.2	mg/L		07/24/24 09:05	07/25/24 14:32	10

Client Sample ID: MW-7-7-072224

Lab Sample ID: 480-221913-4

Date Collected: 07/22/24 16:00
Date Received: 07/22/24 16:55

Matrix: Water

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	**3150**		25.0	14.1	mg/L			07/29/24 14:58	50
Sulfate (EPA 300.0)	**407**		100	17.5	mg/L			07/29/24 14:58	50
Ammonia (EPA 350.1)	**3.5**		0.10	0.045	mg/L			08/01/24 10:15	5
Nitrate (EPA 353.2)	**0.040**	**J**	0.050	0.020	mg/L			07/23/24 14:54	1
Nitrate Nitrite as N (EPA 353.2)	**0.040**	**J B**	0.050	0.020	mg/L			07/23/24 14:54	1
Nitrite (EPA 353.2)	ND		0.050	0.020	mg/L			07/23/24 14:54	1
Total Organic Carbon (SW846 9060A)	**5.8**		1.0	0.43	mg/L			08/02/24 16:27	1
Total Alkalinity (SM 2320B)	**279**		5.0	0.79	mg/L			07/25/24 22:01	1
Sulfide (SM 4500 S2 F)	**0.80**	**J**	1.0	0.67	mg/L			07/27/24 13:05	1

Client Sample ID: MW-6-F-8-072324

Lab Sample ID: 480-221958-1

Date Collected: 07/23/24 12:00
Date Received: 07/23/24 16:10

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/24/24 22:04	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/24/24 22:04	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/24/24 22:04	1
Trichloroethene	ND		1.0	0.46	ug/L			07/24/24 22:04	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/24/24 22:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*77 - 120*		*07/24/24 22:04*	*1*
4-Bromofluorobenzene (Surr)	*85*		*73 - 120*		*07/24/24 22:04*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*07/24/24 22:04*	*1*
Dibromofluoromethane (Surr)	*87*		*75 - 123*		*07/24/24 22:04*	*1*

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon dioxide	**59000**		10000	10000	ug/L			08/02/24 11:53	1
Ethane	ND		7.5	1.5	ug/L			07/24/24 12:19	1
Ethene	ND		7.0	1.5	ug/L			07/24/24 12:19	1
Methane	ND		4.0	1.0	ug/L			07/24/24 12:19	1

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**0.043**	**J**	0.050	0.019	mg/L		07/25/24 09:00	07/25/24 17:09	1
Magnesium	**52.4**		0.20	0.043	mg/L		07/25/24 09:00	07/25/24 17:09	1
Manganese	**0.26**		0.0030	0.00040	mg/L		07/25/24 09:00	07/25/24 17:09	1
Potassium	**4.7**		0.50	0.10	mg/L		07/25/24 09:00	07/25/24 17:09	1
Sodium	**681**		1.0	0.32	mg/L		07/25/24 09:00	07/25/24 17:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	**1390**		10.0	5.6	mg/L			07/29/24 16:10	20
Sulfate (EPA 300.0)	**79.2**		40.0	7.0	mg/L			07/29/24 16:10	20
Ammonia (EPA 350.1)	**0.039**		0.020	0.0090	mg/L			07/31/24 18:50	1
Nitrate (EPA 353.2)	ND		0.050	0.020	mg/L			07/24/24 18:21	1
Nitrate Nitrite as N (EPA 353.2)	ND		0.050	0.020	mg/L			07/24/24 18:21	1

Client Sample ID: MW-6-F-8-072324

Date Collected: 07/23/24 12:00
Date Received: 07/23/24 16:10

Lab Sample ID: 480-221958-1
Matrix: Water

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrite (EPA 353.2)	ND		0.050	0.020	mg/L			07/24/24 18:21	1
Total Organic Carbon (SW846 9060A)	ND		1.0	0.43	mg/L			07/31/24 21:47	1
Total Alkalinity (SM 2320B)	**399**		5.0	0.79	mg/L			07/25/24 20:31	1
Sulfide (SM 4500 S2 F)	ND		1.0	0.67	mg/L			07/27/24 13:05	1

Client Sample ID: MW-8-4-072324

Date Collected: 07/23/24 13:15
Date Received: 07/23/24 16:10

Lab Sample ID: 480-221958-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**31**		1.0	0.81	ug/L			07/24/24 22:28	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/24/24 22:28	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/24/24 22:28	1
Trichloroethene	**7.7**		1.0	0.46	ug/L			07/24/24 22:28	1
Vinyl chloride	**12**		1.0	0.90	ug/L			07/24/24 22:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*77 - 120*		*07/24/24 22:28*	*1*
4-Bromofluorobenzene (Surr)	*94*		*73 - 120*		*07/24/24 22:28*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*07/24/24 22:28*	*1*
Dibromofluoromethane (Surr)	*88*		*75 - 123*		*07/24/24 22:28*	*1*

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon dioxide	**20000**		10000	10000	ug/L			08/02/24 12:01	1
Ethane	ND		7.5	1.5	ug/L			07/24/24 12:38	1
Ethene	ND		7.0	1.5	ug/L			07/24/24 12:38	1
Methane	**170**		4.0	1.0	ug/L			07/24/24 12:38	1

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**0.59**		0.050	0.019	mg/L		07/25/24 09:00	07/25/24 17:16	1
Magnesium	**65.1**		0.20	0.043	mg/L		07/25/24 09:00	07/25/24 17:16	1
Manganese	**0.29**		0.0030	0.00040	mg/L		07/25/24 09:00	07/25/24 17:16	1
Potassium	**14.2**		0.50	0.10	mg/L		07/25/24 09:00	07/25/24 17:16	1
Sodium	**2970**		20.0	6.5	mg/L		07/25/24 09:00	07/26/24 12:30	20

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	**4170**		25.0	14.1	mg/L			07/29/24 17:40	50
Sulfate (EPA 300.0)	**297**		100	17.5	mg/L			07/29/24 17:40	50
Ammonia (EPA 350.1)	**0.050**		0.020	0.0090	mg/L			07/31/24 18:51	1
Nitrate (EPA 353.2)	ND		0.050	0.020	mg/L			07/24/24 18:22	1
Nitrate Nitrite as N (EPA 353.2)	ND		0.050	0.020	mg/L			07/24/24 18:22	1
Nitrite (EPA 353.2)	ND		0.050	0.020	mg/L			07/24/24 18:22	1
Total Organic Carbon (SW846 9060A)	ND		1.0	0.43	mg/L			07/31/24 22:16	1
Total Alkalinity (SM 2320B)	**236**		5.0	0.79	mg/L			07/25/24 20:38	1
Sulfide (SM 4500 S2 F)	ND		1.0	0.67	mg/L			07/27/24 13:05	1

Client Sample ID: MW-6-2-072324

Lab Sample ID: 480-221958-3

Date Collected: 07/23/24 14:44
Matrix: Water
Date Received: 07/23/24 16:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/25/24 16:25	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/25/24 16:25	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/25/24 16:25	1
Trichloroethene	ND		1.0	0.46	ug/L			07/25/24 16:25	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/25/24 16:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*77 - 120*		*07/25/24 16:25*	*1*
4-Bromofluorobenzene (Surr)	*102*		*73 - 120*		*07/25/24 16:25*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*07/25/24 16:25*	*1*
Dibromofluoromethane (Surr)	*88*		*75 - 123*		*07/25/24 16:25*	*1*

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon dioxide	**49000**		10000	10000	ug/L			08/02/24 12:10	1
Ethane	ND		7.5	1.5	ug/L			07/24/24 12:57	1
Ethene	ND		7.0	1.5	ug/L			07/24/24 12:57	1
Methane	ND		4.0	1.0	ug/L			07/24/24 12:57	1

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**0.13**		0.050	0.019	mg/L		07/25/24 09:00	07/25/24 17:18	1
Magnesium	**88.8**		0.20	0.043	mg/L		07/25/24 09:00	07/25/24 17:18	1
Manganese	**0.23**		0.0030	0.00040	mg/L		07/25/24 09:00	07/25/24 17:18	1
Potassium	**3.5**		0.50	0.10	mg/L		07/25/24 09:00	07/25/24 17:18	1
Sodium	**1620**		5.0	1.6	mg/L		07/25/24 09:00	07/26/24 12:32	5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	**2310**		10.0	5.6	mg/L			07/29/24 17:58	20
Sulfate (EPA 300.0)	**259**		40.0	7.0	mg/L			07/29/24 17:58	20
Ammonia (EPA 350.1)	ND		0.020	0.0090	mg/L			07/31/24 18:52	1
Nitrate (EPA 353.2)	**0.085**		0.050	0.020	mg/L			07/25/24 12:25	1
Nitrate Nitrite as N (EPA 353.2)	**0.085**		0.050	0.020	mg/L			07/24/24 18:24	1
Nitrite (EPA 353.2)	ND		0.050	0.020	mg/L			07/25/24 12:25	1
Total Organic Carbon (SW846 9060A)	ND		1.0	0.43	mg/L			07/31/24 22:46	1
Total Alkalinity (SM 2320B)	**383**		5.0	0.79	mg/L			07/25/24 20:45	1
Sulfide (SM 4500 S2 F)	ND		1.0	0.67	mg/L			07/27/24 13:05	1

Client Sample ID: TRIP BLANK-072324

Lab Sample ID: 480-221958-4

Date Collected: 07/23/24 00:00
Matrix: Water
Date Received: 07/23/24 16:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/25/24 08:43	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/25/24 08:43	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/25/24 08:43	1
Trichloroethene	ND		1.0	0.46	ug/L			07/25/24 08:43	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/25/24 08:43	1

Client Sample ID: TRIP BLANK-072324

Lab Sample ID: 480-221958-4

Date Collected: 07/23/24 00:00
Matrix: Water
Date Received: 07/23/24 16:10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*77 - 120*		*07/25/24 08:43*	*1*
4-Bromofluorobenzene (Surr)	*91*		*73 - 120*		*07/25/24 08:43*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*07/25/24 08:43*	*1*
Dibromofluoromethane (Surr)	*89*		*75 - 123*		*07/25/24 08:43*	*1*

Client Sample ID: DUPE-02-072424

Lab Sample ID: 480-222015-1

Date Collected: 07/24/24 10:00
Matrix: Water
Date Received: 07/24/24 15:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		5000	4100	ug/L			07/26/24 04:17	5000
Tetrachloroethene	**150000**		5000	1800	ug/L			07/26/24 04:17	5000
trans-1,2-Dichloroethene	ND		5000	4500	ug/L			07/26/24 04:17	5000
Trichloroethene	**4900**	**J**	5000	2300	ug/L			07/26/24 04:17	5000
Vinyl chloride	ND		5000	4500	ug/L			07/26/24 04:17	5000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*77 - 120*		*07/26/24 04:17*	*5000*
4-Bromofluorobenzene (Surr)	*104*		*73 - 120*		*07/26/24 04:17*	*5000*
Toluene-d8 (Surr)	*98*		*80 - 120*		*07/26/24 04:17*	*5000*
Dibromofluoromethane (Surr)	*89*		*75 - 123*		*07/26/24 04:17*	*5000*

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon dioxide	**70000**		10000	10000	ug/L			08/02/24 12:19	1
Ethane	**2.5**	**J B**	7.5	1.5	ug/L			07/25/24 12:31	1
Ethene	**6.0**	**J B**	7.0	1.5	ug/L			07/25/24 12:31	1
Methane	**6.5**	**B**	4.0	1.0	ug/L			07/25/24 12:31	1

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**1.1**		0.050	0.019	mg/L		07/26/24 08:53	07/26/24 16:02	1
Magnesium	**102**		0.20	0.043	mg/L		07/26/24 08:53	07/26/24 16:02	1
Manganese	**0.72**	**B**	0.0030	0.00040	mg/L		07/26/24 08:53	07/26/24 16:02	1
Potassium	**4.7**		0.50	0.10	mg/L		07/26/24 08:53	07/26/24 16:02	1
Sodium	**148**		1.0	0.32	mg/L		07/26/24 08:53	07/26/24 16:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	**614**		5.0	2.8	mg/L			07/26/24 20:04	10
Sulfate (EPA 300.0)	**232**		20.0	3.5	mg/L			07/26/24 20:04	10
Ammonia (EPA 350.1)	**0.22**	**B**	0.020	0.0090	mg/L			07/30/24 17:51	1
Nitrate (EPA 353.2)	ND		0.050	0.020	mg/L			07/25/24 16:42	1
Nitrate Nitrite as N (EPA 353.2)	ND		0.050	0.020	mg/L			07/25/24 16:42	1
Nitrite (EPA 353.2)	ND		0.050	0.020	mg/L			07/25/24 16:42	1
Total Organic Carbon (SW846 9060A)	**3.2**		1.0	0.43	mg/L			07/31/24 23:15	1
Total Alkalinity (SM 2320B)	**296**		5.0	0.79	mg/L			07/25/24 20:51	1
Sulfide (SM 4500 S2 F)	ND		1.0	0.67	mg/L			07/30/24 11:00	1

Client Sample ID: BLDG-10-MW-1-072424

Lab Sample ID: 480-222015-2

Date Collected: 07/24/24 11:00
Matrix: Water
Date Received: 07/24/24 15:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		5000	4100	ug/L			07/26/24 04:42	5000
Tetrachloroethene	**150000**		5000	1800	ug/L			07/26/24 04:42	5000
trans-1,2-Dichloroethene	ND		5000	4500	ug/L			07/26/24 04:42	5000
Trichloroethene	**5000**		5000	2300	ug/L			07/26/24 04:42	5000
Vinyl chloride	ND		5000	4500	ug/L			07/26/24 04:42	5000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*77 - 120*		*07/26/24 04:42*	*5000*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*		*07/26/24 04:42*	*5000*
Toluene-d8 (Surr)	*95*		*80 - 120*		*07/26/24 04:42*	*5000*
Dibromofluoromethane (Surr)	*89*		*75 - 123*		*07/26/24 04:42*	*5000*

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon dioxide	**64000**		10000	10000	ug/L			08/02/24 12:28	1
Ethane	**2.4**	**J B**	7.5	1.5	ug/L			07/25/24 12:49	1
Ethene	**5.8**	**J B**	7.0	1.5	ug/L			07/25/24 12:49	1
Methane	**6.7**	**B**	4.0	1.0	ug/L			07/25/24 12:49	1

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**1.0**		0.050	0.019	mg/L		07/26/24 08:53	07/26/24 16:04	1
Magnesium	**100**		0.20	0.043	mg/L		07/26/24 08:53	07/26/24 16:04	1
Manganese	**0.71**	**B**	0.0030	0.00040	mg/L		07/26/24 08:53	07/26/24 16:04	1
Potassium	**4.6**		0.50	0.10	mg/L		07/26/24 08:53	07/26/24 16:04	1
Sodium	**145**		1.0	0.32	mg/L		07/26/24 08:53	07/26/24 16:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	**618**		5.0	2.8	mg/L			07/26/24 20:22	10
Sulfate (EPA 300.0)	**231**		20.0	3.5	mg/L			07/26/24 20:22	10
Ammonia (EPA 350.1)	**0.21**	**B**	0.020	0.0090	mg/L			07/30/24 17:53	1
Nitrate (EPA 353.2)	ND		0.050	0.020	mg/L			07/25/24 16:44	1
Nitrate Nitrite as N (EPA 353.2)	ND		0.050	0.020	mg/L			07/25/24 16:44	1
Nitrite (EPA 353.2)	ND		0.050	0.020	mg/L			07/25/24 16:44	1
Total Organic Carbon (SW846 9060A)	**3.2**		1.0	0.43	mg/L			07/31/24 23:44	1
Total Alkalinity (SM 2320B)	**305**		5.0	0.79	mg/L			07/25/24 20:59	1
Sulfide (SM 4500 S2 F)	ND		1.0	0.67	mg/L			07/30/24 11:00	1

Client Sample ID: MW-9-101-A-072424

Lab Sample ID: 480-222015-3

Date Collected: 07/24/24 13:00
Matrix: Water
Date Received: 07/24/24 15:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		2.0	1.6	ug/L			07/26/24 05:06	2
Tetrachloroethene	ND		2.0	0.72	ug/L			07/26/24 05:06	2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			07/26/24 05:06	2
Trichloroethene	ND		2.0	0.92	ug/L			07/26/24 05:06	2
Vinyl chloride	ND		2.0	1.8	ug/L			07/26/24 05:06	2

Client Sample ID: MW-9-101-A-072424

Date Collected: 07/24/24 13:00
Date Received: 07/24/24 15:40

Lab Sample ID: 480-222015-3

Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*77 - 120*		*07/26/24 05:06*	*2*
4-Bromofluorobenzene (Surr)	*103*		*73 - 120*		*07/26/24 05:06*	*2*
Toluene-d8 (Surr)	*96*		*80 - 120*		*07/26/24 05:06*	*2*
Dibromofluoromethane (Surr)	*89*		*75 - 123*		*07/26/24 05:06*	*2*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		5.2	0.43	ug/L		07/26/24 09:10	07/26/24 21:48	1
Acenaphthylene	ND		5.2	0.40	ug/L		07/26/24 09:10	07/26/24 21:48	1
Anthracene	ND		5.2	0.29	ug/L		07/26/24 09:10	07/26/24 21:48	1
Benzo[a]anthracene	ND		5.2	0.38	ug/L		07/26/24 09:10	07/26/24 21:48	1
Benzo[a]pyrene	ND		5.2	0.49	ug/L		07/26/24 09:10	07/26/24 21:48	1
Benzo[b]fluoranthene	ND		5.2	0.35	ug/L		07/26/24 09:10	07/26/24 21:48	1
Benzo[g,h,i]perylene	ND		5.2	0.36	ug/L		07/26/24 09:10	07/26/24 21:48	1
Benzo[k]fluoranthene	ND		5.2	0.76	ug/L		07/26/24 09:10	07/26/24 21:48	1
Chrysene	ND		5.2	0.34	ug/L		07/26/24 09:10	07/26/24 21:48	1
Dibenz(a,h)anthracene	ND		5.2	0.44	ug/L		07/26/24 09:10	07/26/24 21:48	1
Fluoranthene	ND		5.2	0.42	ug/L		07/26/24 09:10	07/26/24 21:48	1
Fluorene	ND		5.2	0.38	ug/L		07/26/24 09:10	07/26/24 21:48	1
Indeno[1,2,3-cd]pyrene	ND		5.2	0.49	ug/L		07/26/24 09:10	07/26/24 21:48	1
Naphthalene	ND		5.2	0.79	ug/L		07/26/24 09:10	07/26/24 21:48	1
Phenanthrene	ND		5.2	0.46	ug/L		07/26/24 09:10	07/26/24 21:48	1
Pyrene	ND		5.2	0.35	ug/L		07/26/24 09:10	07/26/24 21:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*93*		*53 - 126*	*07/26/24 09:10*	*07/26/24 21:48*	*1*
Nitrobenzene-d5 (Surr)	*79*		*29 - 129*	*07/26/24 09:10*	*07/26/24 21:48*	*1*
p-Terphenyl-d14 (Surr)	*69*		*33 - 132*	*07/26/24 09:10*	*07/26/24 21:48*	*1*

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon dioxide	**38000**		10000	10000	ug/L			08/02/24 12:36	1
Ethane	**1.7**	**J B**	7.5	1.5	ug/L			07/25/24 13:08	1
Ethene	**1.7**	**J B**	7.0	1.5	ug/L			07/25/24 13:08	1
Methane	**1.2**	**J B**	4.0	1.0	ug/L			07/25/24 13:08	1

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	ND		0.050	0.019	mg/L		07/26/24 08:53	07/26/24 16:06	1
Magnesium	**79.4**		0.20	0.043	mg/L		07/26/24 08:53	07/26/24 16:06	1
Manganese	**0.028**	**B**	0.0030	0.00040	mg/L		07/26/24 08:53	07/26/24 16:06	1
Potassium	**19.9**		0.50	0.10	mg/L		07/26/24 08:53	07/26/24 16:06	1
Sodium	**1430**		5.0	1.6	mg/L		07/26/24 08:53	07/29/24 12:12	5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	**1910**		10.0	5.6	mg/L			07/26/24 22:10	20
Sulfate (EPA 300.0)	**1070**		40.0	7.0	mg/L			07/26/24 22:10	20
Ammonia (EPA 350.1)	ND		0.020	0.0090	mg/L			07/30/24 17:53	1
Nitrate (EPA 353.2)	**1.4**		0.050	0.020	mg/L			07/25/24 16:45	1
Nitrate Nitrite as N (EPA 353.2)	**1.4**		0.050	0.020	mg/L			07/25/24 16:45	1

Client Sample ID: MW-9-101-A-072424

Lab Sample ID: 480-222015-3

Date Collected: 07/24/24 13:00
Matrix: Water
Date Received: 07/24/24 15:40

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrite (EPA 353.2)	ND		0.050	0.020	mg/L			07/25/24 19:43	1
Total Organic Carbon (SW846 9060A)	**1.5**		1.0	0.43	mg/L			08/01/24 03:35	1
Total Alkalinity (SM 2320B)	**297**		5.0	0.79	mg/L			07/25/24 21:17	1
Sulfide (SM 4500 S2 F)	ND		1.0	0.67	mg/L			07/30/24 11:00	1

Client Sample ID: MW-7-8-072424

Lab Sample ID: 480-222015-4

Date Collected: 07/24/24 14:15
Matrix: Water
Date Received: 07/24/24 15:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**360**		10	8.1	ug/L			07/26/24 05:31	10
Tetrachloroethene	**470**		10	3.6	ug/L			07/26/24 05:31	10
trans-1,2-Dichloroethene	ND		10	9.0	ug/L			07/26/24 05:31	10
Trichloroethene	**190**		10	4.6	ug/L			07/26/24 05:31	10
Vinyl chloride	**370**		10	9.0	ug/L			07/26/24 05:31	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*77 - 120*		*07/26/24 05:31*	*10*
4-Bromofluorobenzene (Surr)	*93*		*73 - 120*		*07/26/24 05:31*	*10*
Toluene-d8 (Surr)	*93*		*80 - 120*		*07/26/24 05:31*	*10*
Dibromofluoromethane (Surr)	*89*		*75 - 123*		*07/26/24 05:31*	*10*

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon dioxide	**32000**		10000	10000	ug/L			08/02/24 12:45	1
Ethane	**6.7**	**J B**	7.5	1.5	ug/L			07/25/24 13:27	1
Ethene	**8.6**	**B**	7.0	1.5	ug/L			07/25/24 13:27	1
Methane	**66**	**B**	4.0	1.0	ug/L			07/25/24 13:27	1

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**5.0**		0.050	0.019	mg/L		07/26/24 08:53	07/26/24 16:08	1
Magnesium	**174**		0.20	0.043	mg/L		07/26/24 08:53	07/26/24 16:08	1
Manganese	**0.79**	**B**	0.0030	0.00040	mg/L		07/26/24 08:53	07/26/24 16:08	1
Potassium	**40.5**		0.50	0.10	mg/L		07/26/24 08:53	07/26/24 16:08	1
Sodium	**2330**		20.0	6.5	mg/L		07/26/24 08:53	07/29/24 12:13	20

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	**4710**		25.0	14.1	mg/L			07/26/24 22:28	50
Sulfate (EPA 300.0)	**185**		100	17.5	mg/L			07/26/24 22:28	50
Ammonia (EPA 350.1)	**0.50**	**B**	0.020	0.0090	mg/L			07/30/24 17:53	1
Nitrate (EPA 353.2)	ND		0.050	0.020	mg/L			07/25/24 16:46	1
Nitrate Nitrite as N (EPA 353.2)	ND		0.050	0.020	mg/L			07/25/24 16:46	1
Nitrite (EPA 353.2)	ND		0.050	0.020	mg/L			07/25/24 16:46	1
Total Organic Carbon (SW846 9060A)	ND		1.0	0.43	mg/L			08/01/24 04:04	1
Total Alkalinity (SM 2320B)	**141**		5.0	0.79	mg/L			07/25/24 21:35	1
Sulfide (SM 4500 S2 F)	ND		1.0	0.67	mg/L			07/30/24 11:00	1

Client Sample ID: TRIP BLANK-072424

Lab Sample ID: 480-222015-5
Date Collected: 07/24/24 00:00
Matrix: Water
Date Received: 07/24/24 15:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/26/24 05:55	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/26/24 05:55	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/26/24 05:55	1
Trichloroethene	ND		1.0	0.46	ug/L			07/26/24 05:55	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/26/24 05:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*77 - 120*		*07/26/24 05:55*	*1*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*		*07/26/24 05:55*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*07/26/24 05:55*	*1*
Dibromofluoromethane (Surr)	*87*		*75 - 123*		*07/26/24 05:55*	*1*

Client Sample ID: MW-8-2-072524

Lab Sample ID: 480-222055-1
Date Collected: 07/25/24 12:30
Matrix: Water
Date Received: 07/25/24 16:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**3700**		100	81	ug/L			07/27/24 02:29	100
Tetrachloroethene	ND		100	36	ug/L			07/27/24 02:29	100
trans-1,2-Dichloroethene	ND		100	90	ug/L			07/27/24 02:29	100
Trichloroethene	**1100**		100	46	ug/L			07/27/24 02:29	100
Vinyl chloride	**280**		100	90	ug/L			07/27/24 02:29	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*77 - 120*		*07/27/24 02:29*	*100*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*		*07/27/24 02:29*	*100*
Toluene-d8 (Surr)	*108*		*80 - 120*		*07/27/24 02:29*	*100*
Dibromofluoromethane (Surr)	*107*		*75 - 123*		*07/27/24 02:29*	*100*

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon dioxide	**51000**		10000	10000	ug/L			08/02/24 12:54	1
Ethane	ND		83	17	ug/L			07/26/24 13:18	11
Ethene	ND		77	17	ug/L			07/26/24 13:18	11
Methane	**430**		44	11	ug/L			07/26/24 13:18	11

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**5.0**		0.050	0.019	mg/L		07/29/24 08:47	07/29/24 15:28	1
Magnesium	**44.0**		0.20	0.043	mg/L		07/29/24 08:47	07/29/24 15:28	1
Manganese	**0.73**	**B**	0.0030	0.00040	mg/L		07/29/24 08:47	07/29/24 15:28	1
Potassium	**5.2**		0.50	0.10	mg/L		07/29/24 08:47	07/29/24 15:28	1
Sodium	**70.3**	**F1**	1.0	0.32	mg/L		07/29/24 08:47	07/29/24 15:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	**151**		2.5	1.4	mg/L			07/30/24 18:10	5
Sulfate (EPA 300.0)	**62.9**		10.0	1.7	mg/L			07/30/24 18:10	5
Ammonia (EPA 350.1)	**0.19**	**F1**	0.020	0.0090	mg/L			07/31/24 20:28	1
Nitrate (EPA 353.2)	ND		0.050	0.020	mg/L			07/26/24 14:28	1

Client Sample ID: MW-8-2-072524

Lab Sample ID: 480-222055-1

Date Collected: 07/25/24 12:30
Matrix: Water
Date Received: 07/25/24 16:20

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N (EPA 353.2)	ND		0.050	0.020	mg/L			07/26/24 14:28	1
Nitrite (EPA 353.2)	ND	F1 F2	0.050	0.020	mg/L			07/26/24 17:50	1
Total Organic Carbon (SW846 9060A)	**1.4**		1.0	0.43	mg/L			08/01/24 15:54	1
Total Alkalinity (SM 2320B)	**2500**	**F1**	125	19.8	mg/L			08/01/24 11:19	1
Sulfide (SM 4500 S2 F)	ND	F1	1.0	0.67	mg/L			07/30/24 11:00	1

Client Sample ID: MW-8-1-072524

Lab Sample ID: 480-222055-2

Date Collected: 07/25/24 15:30
Matrix: Water
Date Received: 07/25/24 16:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/27/24 02:51	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/27/24 02:51	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/27/24 02:51	1
Trichloroethene	**0.94**	**J**	1.0	0.46	ug/L			07/27/24 02:51	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/27/24 02:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*77 - 120*		*07/27/24 02:51*	*1*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*		*07/27/24 02:51*	*1*
Toluene-d8 (Surr)	*110*		*80 - 120*		*07/27/24 02:51*	*1*
Dibromofluoromethane (Surr)	*110*		*75 - 123*		*07/27/24 02:51*	*1*

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon dioxide	**51000**		10000	10000	ug/L			08/02/24 13:20	1
Ethane	**27**		7.5	1.5	ug/L			07/26/24 12:22	1
Ethene	ND		7.0	1.5	ug/L			07/26/24 12:22	1
Methane	**230**		4.0	1.0	ug/L			07/26/24 12:22	1

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**0.029**	**J**	0.050	0.019	mg/L		07/29/24 08:47	07/29/24 15:43	1
Magnesium	**128**		0.20	0.043	mg/L		07/29/24 08:47	07/29/24 15:43	1
Manganese	**0.10**	**B**	0.0030	0.00040	mg/L		07/29/24 08:47	07/29/24 15:43	1
Potassium	**20.3**		0.50	0.10	mg/L		07/29/24 08:47	07/29/24 15:43	1
Sodium	**643**		1.0	0.32	mg/L		07/29/24 08:47	07/29/24 15:43	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	**1290**		10.0	5.6	mg/L			07/30/24 17:34	20
Sulfate (EPA 300.0)	**910**		40.0	7.0	mg/L			07/30/24 17:34	20
Ammonia (EPA 350.1)	**1.4**		0.020	0.0090	mg/L			07/31/24 20:31	1
Nitrate (EPA 353.2)	ND		0.050	0.020	mg/L			07/26/24 13:59	1
Nitrate Nitrite as N (EPA 353.2)	ND		0.050	0.020	mg/L			07/26/24 13:59	1
Nitrite (EPA 353.2)	ND		0.050	0.020	mg/L			07/26/24 13:59	1
Total Organic Carbon (SW846 9060A)	ND		1.0	0.43	mg/L			08/06/24 10:40	1
Total Alkalinity (SM 2320B)	**299**		5.0	0.79	mg/L			07/29/24 23:25	1
Sulfide (SM 4500 S2 F)	**2.8**		1.0	0.67	mg/L			08/01/24 15:05	1

Client Sample ID: TRIP BLANK-072524

Lab Sample ID: 480-222055-3
Matrix: Water
Date Collected: 07/25/24 00:00
Date Received: 07/25/24 16:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/27/24 03:13	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/27/24 03:13	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/27/24 03:13	1
Trichloroethene	ND		1.0	0.46	ug/L			07/27/24 03:13	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/27/24 03:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*77 - 120*		*07/27/24 03:13*	*1*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*		*07/27/24 03:13*	*1*
Toluene-d8 (Surr)	*107*		*80 - 120*		*07/27/24 03:13*	*1*
Dibromofluoromethane (Surr)	*108*		*75 - 123*		*07/27/24 03:13*	*1*

Client Sample ID: MW-8-3-072624

Lab Sample ID: 480-222107-1
Matrix: Water
Date Collected: 07/26/24 14:30
Date Received: 07/26/24 15:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		4.0	3.2	ug/L			07/29/24 21:07	4
Tetrachloroethene	ND		4.0	1.4	ug/L			07/29/24 21:07	4
trans-1,2-Dichloroethene	ND		4.0	3.6	ug/L			07/29/24 21:07	4
Trichloroethene	ND		4.0	1.8	ug/L			07/29/24 21:07	4
Vinyl chloride	ND		4.0	3.6	ug/L			07/29/24 21:07	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*77 - 120*		*07/29/24 21:07*	*4*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*		*07/29/24 21:07*	*4*
Toluene-d8 (Surr)	*108*		*80 - 120*		*07/29/24 21:07*	*4*
Dibromofluoromethane (Surr)	*109*		*75 - 123*		*07/29/24 21:07*	*4*

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon dioxide	**26000**		10000	10000	ug/L			08/02/24 14:43	1
Ethane	**36**	**J**	170	33	ug/L			07/29/24 14:12	22
Ethene	ND		150	33	ug/L			07/29/24 14:12	22
Methane	**2600**		88	22	ug/L			07/29/24 14:12	22

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**5.6**		0.050	0.019	mg/L		07/30/24 08:43	07/30/24 14:24	1
Magnesium	**147**		0.20	0.043	mg/L		07/30/24 08:43	07/30/24 14:24	1
Manganese	**1.2**	**B**	0.0030	0.00040	mg/L		07/30/24 08:43	07/30/24 14:24	1
Potassium	**233**		0.50	0.10	mg/L		07/30/24 08:43	07/30/24 14:24	1
Sodium	**704**		1.0	0.32	mg/L		07/30/24 08:43	07/30/24 14:24	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	**2070**		10.0	5.6	mg/L			07/31/24 01:16	20
Sulfate (EPA 300.0)	**593**		40.0	7.0	mg/L			07/31/24 01:16	20
Ammonia (EPA 350.1)	**5.0**		0.10	0.045	mg/L			08/02/24 10:17	5
Nitrate (EPA 353.2)	**0.21**	**H**	0.050	0.020	mg/L			07/30/24 17:31	1

Client Sample ID: MW-8-3-072624

Lab Sample ID: 480-222107-1

Date Collected: 07/26/24 14:30
Matrix: Water
Date Received: 07/26/24 15:20

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N (EPA 353.2)	0.24	H	0.050	0.020	mg/L			07/30/24 15:49	1
Nitrite (EPA 353.2)	0.026	J H	0.050	0.020	mg/L			07/30/24 17:31	1
Total Organic Carbon (SW846 9060A)	6.3		1.0	0.43	mg/L			08/02/24 17:14	1
Total Alkalinity (SM 2320B)	173		5.0	0.79	mg/L			07/29/24 23:57	1
Sulfide (SM 4500 S2 F)	ND		1.0	0.67	mg/L			08/02/24 13:47	1

Client Sample ID: TRIP BLANK-072524A

Lab Sample ID: 480-222107-2

Date Collected: 07/26/24 00:00
Matrix: Water
Date Received: 07/26/24 15:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/29/24 21:29	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/29/24 21:29	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/29/24 21:29	1
Trichloroethene	ND		1.0	0.46	ug/L			07/29/24 21:29	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/29/24 21:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*77 - 120*		*07/29/24 21:29*	*1*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*		*07/29/24 21:29*	*1*
Toluene-d8 (Surr)	*108*		*80 - 120*		*07/29/24 21:29*	*1*
Dibromofluoromethane (Surr)	*108*		*75 - 123*		*07/29/24 21:29*	*1*

Client Sample ID: MW-7-A-6-080124

Lab Sample ID: 480-222217-1

Date Collected: 08/01/24 10:00
Matrix: Water
Date Received: 08/01/24 14:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	130000		2000	1600	ug/L			08/01/24 16:28	2000
Tetrachloroethene	4600		2000	720	ug/L			08/01/24 16:28	2000
trans-1,2-Dichloroethene	ND		2000	1800	ug/L			08/01/24 16:28	2000
Trichloroethene	2800		2000	920	ug/L			08/01/24 16:28	2000
Vinyl chloride	76000		2000	1800	ug/L			08/01/24 16:28	2000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*77 - 120*		*08/01/24 16:28*	*2000*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*		*08/01/24 16:28*	*2000*
Toluene-d8 (Surr)	*110*		*80 - 120*		*08/01/24 16:28*	*2000*
Dibromofluoromethane (Surr)	*107*		*75 - 123*		*08/01/24 16:28*	*2000*

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon dioxide	260000		10000	10000	ug/L			08/13/24 12:25	1
Ethane	94	J	170	33	ug/L			08/05/24 13:30	22
Ethene	5300		150	33	ug/L			08/05/24 13:30	22
Methane	1700		88	22	ug/L			08/05/24 13:30	22

Client Sample ID: MW-7-A-6-080124

Lab Sample ID: 480-222217-1
Date Collected: 08/01/24 10:00
Matrix: Water
Date Received: 08/01/24 14:00

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**13.4**		0.050	0.019	mg/L		08/02/24 08:15	08/02/24 19:46	1
Magnesium	**102**		0.20	0.043	mg/L		08/02/24 08:15	08/02/24 19:46	1
Manganese	**1.2**	**B**	0.0030	0.00040	mg/L		08/02/24 08:15	08/02/24 19:46	1
Potassium	**3.6**		0.50	0.10	mg/L		08/02/24 08:15	08/02/24 19:46	1
Sodium	**240**		1.0	0.32	mg/L		08/02/24 08:15	08/02/24 19:46	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	**742**		5.0	2.8	mg/L			08/07/24 14:08	10
Sulfate (EPA 300.0)	**22.4**		20.0	3.5	mg/L			08/07/24 14:08	10
Ammonia (EPA 350.1)	**0.13**		0.020	0.0090	mg/L			08/06/24 16:16	1
Nitrate (EPA 353.2)	ND		0.050	0.020	mg/L			08/02/24 10:47	1
Nitrate Nitrite as N (EPA 353.2)	ND	^+	0.050	0.020	mg/L			08/01/24 18:41	1
Nitrite (EPA 353.2)	ND		0.050	0.020	mg/L			08/02/24 10:47	1
Total Organic Carbon (SW846 9060A)	**16.4**		1.0	0.43	mg/L			08/07/24 10:56	1
Total Alkalinity (SM 2320B)	**321**		5.0	0.79	mg/L			08/05/24 22:29	1
Sulfide (SM 4500 S2 F)	ND		1.0	0.67	mg/L			08/06/24 13:45	1

Client Sample ID: MW-9-12-080124

Lab Sample ID: 480-222217-2
Date Collected: 08/01/24 13:00
Matrix: Water
Date Received: 08/01/24 14:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			08/01/24 16:50	1
Tetrachloroethene	ND		1.0	0.36	ug/L			08/01/24 16:50	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			08/01/24 16:50	1
Trichloroethene	ND		1.0	0.46	ug/L			08/01/24 16:50	1
Vinyl chloride	ND		1.0	0.90	ug/L			08/01/24 16:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*77 - 120*		*08/01/24 16:50*	*1*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*		*08/01/24 16:50*	*1*
Toluene-d8 (Surr)	*109*		*80 - 120*		*08/01/24 16:50*	*1*
Dibromofluoromethane (Surr)	*108*		*75 - 123*		*08/01/24 16:50*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		5.0	0.41	ug/L		08/05/24 09:07	08/07/24 16:21	1
Acenaphthylene	ND		5.0	0.38	ug/L		08/05/24 09:07	08/07/24 16:21	1
Anthracene	ND		5.0	0.28	ug/L		08/05/24 09:07	08/07/24 16:21	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		08/05/24 09:07	08/07/24 16:21	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		08/05/24 09:07	08/07/24 16:21	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		08/05/24 09:07	08/07/24 16:21	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		08/05/24 09:07	08/07/24 16:21	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		08/05/24 09:07	08/07/24 16:21	1
Chrysene	ND		5.0	0.33	ug/L		08/05/24 09:07	08/07/24 16:21	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		08/05/24 09:07	08/07/24 16:21	1
Fluoranthene	ND		5.0	0.40	ug/L		08/05/24 09:07	08/07/24 16:21	1
Fluorene	ND		5.0	0.36	ug/L		08/05/24 09:07	08/07/24 16:21	1

Client Sample ID: MW-9-12-080124

Date Collected: 08/01/24 13:00
Date Received: 08/01/24 14:00

Lab Sample ID: 480-222217-2

Matrix: Water

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		08/05/24 09:07	08/07/24 16:21	1
Naphthalene	ND		5.0	0.76	ug/L		08/05/24 09:07	08/07/24 16:21	1
Phenanthrene	ND		5.0	0.44	ug/L		08/05/24 09:07	08/07/24 16:21	1
Pyrene	ND		5.0	0.34	ug/L		08/05/24 09:07	08/07/24 16:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*83*		*53 - 126*	*08/05/24 09:07*	*08/07/24 16:21*	*1*
Nitrobenzene-d5 (Surr)	*71*		*29 - 129*	*08/05/24 09:07*	*08/07/24 16:21*	*1*
p-Terphenyl-d14 (Surr)	*76*		*33 - 132*	*08/05/24 09:07*	*08/07/24 16:21*	*1*

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon dioxide	**30000**		10000	10000	ug/L			08/13/24 12:35	1
Ethane	ND		7.5	1.5	ug/L			08/05/24 14:08	1
Ethene	ND		7.0	1.5	ug/L			08/05/24 14:08	1
Methane	**29**		4.0	1.0	ug/L			08/05/24 14:08	1

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**0.25**		0.050	0.019	mg/L		08/02/24 08:15	08/02/24 19:48	1
Magnesium	**42.8**		0.20	0.043	mg/L		08/02/24 08:15	08/02/24 19:48	1
Manganese	**0.29**	**B**	0.0030	0.00040	mg/L		08/02/24 08:15	08/02/24 19:48	1
Potassium	**5.8**		0.50	0.10	mg/L		08/02/24 08:15	08/02/24 19:48	1
Sodium	**611**		1.0	0.32	mg/L		08/02/24 08:15	08/02/24 19:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (EPA 300.0)	**1090**		5.0	2.8	mg/L			08/07/24 14:26	10
Sulfate (EPA 300.0)	**102**		20.0	3.5	mg/L			08/07/24 14:26	10
Ammonia (EPA 350.1)	**0.15**		0.020	0.0090	mg/L			08/06/24 16:18	1
Nitrate (EPA 353.2)	**0.15**		0.050	0.020	mg/L			08/02/24 10:47	1
Nitrate Nitrite as N (EPA 353.2)	**0.15**	**F1**	0.050	0.020	mg/L			08/02/24 14:40	1
Nitrite (EPA 353.2)	ND		0.050	0.020	mg/L			08/02/24 10:47	1
Total Organic Carbon (SW846 9060A)	ND		1.0	0.43	mg/L			08/07/24 11:24	1
Total Alkalinity (SM 2320B)	**251**		5.0	0.79	mg/L			08/05/24 22:35	1
Sulfide (SM 4500 S2 F)	ND		1.0	0.67	mg/L			08/06/24 13:45	1

Client Sample ID: TRIP BLANK-080124

Date Collected: 08/01/24 00:00
Date Received: 08/01/24 14:00

Lab Sample ID: 480-222217-3

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			08/01/24 17:12	1
Tetrachloroethene	ND		1.0	0.36	ug/L			08/01/24 17:12	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			08/01/24 17:12	1
Trichloroethene	ND		1.0	0.46	ug/L			08/01/24 17:12	1
Vinyl chloride	ND		1.0	0.90	ug/L			08/01/24 17:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*77 - 120*		*08/01/24 17:12*	*1*

Client: GHD Services Inc.
Project/Site: 12616852, GM Lockport 256043

Job ID: 480-221700-1
SDG: BCP

Client Sample ID: TRIP BLANK-080124
Date Collected: 08/01/24 00:00
Date Received: 08/01/24 14:00

Lab Sample ID: 480-222217-3
Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		73 - 120		08/01/24 17:12	1
Toluene-d8 (Surr)	107		80 - 120		08/01/24 17:12	1
Dibromofluoromethane (Surr)	107		75 - 123		08/01/24 17:12	1

Surrogate Summary

Client: GHD Services Inc.
Project/Site: 12616852, GM Lockport 256043

Job ID: 480-221700-1
SDG: BCP

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

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(77-120)	(73-120)	(80-120)	(75-123)
480-221700-1	MW-6-1-071624	93	89	95	87
480-221700-2	MW-7-P-1-071624	92	90	94	87
480-221700-3	TK-6-071624	95	92	98	90
480-221700-4	TRIP BLANK-071624	95	91	98	89
480-221751-1	MW-7-1-071724	96	85	98	90
480-221751-2	MW-7-6-071724	95	87	92	88
480-221751-3	MW-7-5-071724	95	93	95	86
480-221751-4	MW-7-3-071724	97	84	108	89
480-221751-5	TRIP BLANK-071724	97	92	95	91
480-221777-1	MW-8-003-B-071824	105	98	104	104
480-221777-1 MS	MW-8-003-B-071824	104	102	105	104
480-221777-1 MSD	MW-8-003-B-071824	105	103	105	105
480-221777-2	MW-7-2-071824	107	103	103	106
480-221777-3	MW-7-C-2-071824	107	104	103	107
480-221777-4	TRIP BLANK-071824	108	102	104	108
480-221913-1	MW-10-3-072224	100	97	104	89
480-221913-2	MW-10-2-072224	97	84	91	86
480-221913-3 - DL	DUPE-01-072224	99	95	95	88
480-221913-4	MW-7-7-072224	99	94	97	91
480-221958-1	MW-6-F-8-072324	97	85	94	87
480-221958-2	MW-8-4-072324	101	94	99	88
480-221958-3	MW-6-2-072324	101	102	97	88
480-221958-4	TRIP BLANK-072324	101	91	98	89
480-222015-1	DUPE-02-072424	101	104	98	89
480-222015-2	BLDG-10-MW-1-072424	99	100	95	89
480-222015-3	MW-9-101-A-072424	100	103	96	89
480-222015-4	MW-7-8-072424	99	93	93	89
480-222015-5	TRIP BLANK-072424	98	98	94	87
480-222055-1	MW-8-2-072524	108	97	108	107
480-222055-1 MS	MW-8-2-072524	109	98	110	106
480-222055-1 MSD	MW-8-2-072524	108	97	109	104
480-222055-2	MW-8-1-072524	111	100	110	110
480-222055-3	TRIP BLANK-072524	109	99	107	108
480-222107-1	MW-8-3-072624	110	98	108	109
480-222107-2	TRIP BLANK-072524A	109	101	108	108
480-222217-1	MW-7-A-6-080124	108	100	110	107
480-222217-2	MW-9-12-080124	109	101	109	108
480-222217-3	TRIP BLANK-080124	109	100	107	107
LCS 480-718693/6	Lab Control Sample	94	90	93	91
LCS 480-718985/7	Lab Control Sample	105	104	102	103
LCS 480-719137/8	Lab Control Sample	96	90	92	90
LCS 480-719336/8	Lab Control Sample	96	87	93	89
LCS 480-719339/6	Lab Control Sample	97	85	103	90
LCS 480-719445/6	Lab Control Sample	94	85	90	89
LCS 480-719475/6	Lab Control Sample	97	95	98	90
LCS 480-719630/6	Lab Control Sample	95	96	94	89
LCS 480-719659/6	Lab Control Sample	97	102	97	89
LCS 480-719789/6	Lab Control Sample	111	99	107	106
LCS 480-719962/6	Lab Control Sample	107	97	106	104

Surrogate Summary

Client: GHD Services Inc. Job ID: 480-221700-1
Project/Site: 12616852, GM Lockport 256043 SDG: BCP

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(77-120)	(73-120)	(80-120)	(75-123)
LCS 480-720382/6	Lab Control Sample	108	98	106	104
LCSD 480-718693/31	Lab Control Sample Dup	95	99	100	92
LCSD 480-719336/9	Lab Control Sample Dup	94	87	91	88
MB 480-718693/8	Method Blank	94	86	94	89
MB 480-718985/9	Method Blank	106	102	103	106
MB 480-719137/11	Method Blank	96	92	94	91
MB 480-719336/11	Method Blank	94	87	94	87
MB 480-719339/8	Method Blank	99	87	95	91
MB 480-719445/9	Method Blank	94	86	94	87
MB 480-719475/8	Method Blank	97	88	94	88
MB 480-719630/8	Method Blank	100	103	99	89
MB 480-719659/8	Method Blank	99	104	96	89
MB 480-719789/8	Method Blank	109	100	106	108
MB 480-719962/8	Method Blank	112	98	107	109
MB 480-720382/8	Method Blank	109	99	108	107

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

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

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

		Percent Surrogate Recovery (Acceptance Limits)		
		FBP	NBZ	TPHd14
Lab Sample ID	Client Sample ID	(53-126)	(29-129)	(33-132)
480-222015-3	MW-9-101-A-072424	93	79	69
480-222217-2	MW-9-12-080124	83	71	76
LCS 480-719766/2-A	Lab Control Sample	76	73	80
LCS 480-720652/2-A	Lab Control Sample	83	75	87
MB 480-719766/1-A	Method Blank	74	65	84
MB 480-720652/1-A	Method Blank	68	57	91

Surrogate Legend

FBP = 2-Fluorobiphenyl
NBZ = Nitrobenzene-d5 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)

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

Lab Sample ID: MB 480-718693/8
Matrix: Water
Analysis Batch: 718693

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/17/24 12:28	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/17/24 12:28	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/17/24 12:28	1
Trichloroethene	ND		1.0	0.46	ug/L			07/17/24 12:28	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/17/24 12:28	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*77 - 120*		*07/17/24 12:28*	*1*
4-Bromofluorobenzene (Surr)	*86*		*73 - 120*		*07/17/24 12:28*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*07/17/24 12:28*	*1*
Dibromofluoromethane (Surr)	*89*		*75 - 123*		*07/17/24 12:28*	*1*

Lab Sample ID: LCS 480-718693/6
Matrix: Water
Analysis Batch: 718693

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
cis-1,2-Dichloroethene	25.0	23.4		ug/L		94	74 - 124
Tetrachloroethene	25.0	23.1		ug/L		92	74 - 122
trans-1,2-Dichloroethene	25.0	23.4		ug/L		94	73 - 127
Trichloroethene	25.0	23.3		ug/L		93	74 - 123
Vinyl chloride	25.0	23.8		ug/L		95	65 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*94*		*77 - 120*
4-Bromofluorobenzene (Surr)	*90*		*73 - 120*
Toluene-d8 (Surr)	*93*		*80 - 120*
Dibromofluoromethane (Surr)	*91*		*75 - 123*

Lab Sample ID: LCSD 480-718693/31
Matrix: Water
Analysis Batch: 718693

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
cis-1,2-Dichloroethene	25.0	23.9		ug/L		96	74 - 124	2	15
Tetrachloroethene	25.0	24.1		ug/L		96	74 - 122	4	20
trans-1,2-Dichloroethene	25.0	23.7		ug/L		95	73 - 127	1	20
Trichloroethene	25.0	23.8		ug/L		95	74 - 123	2	16
Vinyl chloride	25.0	24.2		ug/L		97	65 - 133	2	15

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*95*		*77 - 120*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*
Toluene-d8 (Surr)	*100*		*80 - 120*
Dibromofluoromethane (Surr)	*92*		*75 - 123*

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

Lab Sample ID: MB 480-718985/9
Matrix: Water
Analysis Batch: 718985

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/19/24 12:13	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/19/24 12:13	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/19/24 12:13	1
Trichloroethene	ND		1.0	0.46	ug/L			07/19/24 12:13	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/19/24 12:13	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*77 - 120*		*07/19/24 12:13*	*1*
4-Bromofluorobenzene (Surr)	*102*		*73 - 120*		*07/19/24 12:13*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*07/19/24 12:13*	*1*
Dibromofluoromethane (Surr)	*106*		*75 - 123*		*07/19/24 12:13*	*1*

Lab Sample ID: LCS 480-718985/7
Matrix: Water
Analysis Batch: 718985

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
cis-1,2-Dichloroethene	25.0	23.5		ug/L		94	74 - 124
Tetrachloroethene	25.0	24.0		ug/L		96	74 - 122
trans-1,2-Dichloroethene	25.0	23.5		ug/L		94	73 - 127
Trichloroethene	25.0	23.6		ug/L		94	74 - 123
Vinyl chloride	25.0	27.8		ug/L		111	65 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*105*		*77 - 120*
4-Bromofluorobenzene (Surr)	*104*		*73 - 120*
Toluene-d8 (Surr)	*102*		*80 - 120*
Dibromofluoromethane (Surr)	*103*		*75 - 123*

Lab Sample ID: 480-221777-1 MS
Matrix: Water
Analysis Batch: 718985

Client Sample ID: MW-8-003-B-071824
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
cis-1,2-Dichloroethene	520		1250	1740		ug/L		98	74 - 124
Tetrachloroethene	1000		1250	2350		ug/L		104	74 - 122
trans-1,2-Dichloroethene	ND		1250	1220		ug/L		98	73 - 127
Trichloroethene	200		1250	1410		ug/L		97	74 - 123
Vinyl chloride	74		1250	1540		ug/L		117	65 - 133

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*104*		*77 - 120*
4-Bromofluorobenzene (Surr)	*102*		*73 - 120*
Toluene-d8 (Surr)	*105*		*80 - 120*
Dibromofluoromethane (Surr)	*104*		*75 - 123*

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

Lab Sample ID: 480-221777-1 MSD
Matrix: Water
Analysis Batch: 718985

Client Sample ID: MW-8-003-B-071824
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
cis-1,2-Dichloroethene	520		1250	1730		ug/L		97	74 - 124	1	15
Tetrachloroethene	1000		1250	2270		ug/L		98	74 - 122	3	20
trans-1,2-Dichloroethene	ND		1250	1200		ug/L		96	73 - 127	2	20
Trichloroethene	200		1250	1400		ug/L		96	74 - 123	1	16
Vinyl chloride	74		1250	1470		ug/L		112	65 - 133	5	15

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*105*		*77 - 120*
4-Bromofluorobenzene (Surr)	*103*		*73 - 120*
Toluene-d8 (Surr)	*105*		*80 - 120*
Dibromofluoromethane (Surr)	*105*		*75 - 123*

Lab Sample ID: MB 480-719137/11
Matrix: Water
Analysis Batch: 719137

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/22/24 14:33	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/22/24 14:33	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/22/24 14:33	1
Trichloroethene	ND		1.0	0.46	ug/L			07/22/24 14:33	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/22/24 14:33	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*77 - 120*		*07/22/24 14:33*	*1*
4-Bromofluorobenzene (Surr)	*92*		*73 - 120*		*07/22/24 14:33*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*07/22/24 14:33*	*1*
Dibromofluoromethane (Surr)	*91*		*75 - 123*		*07/22/24 14:33*	*1*

Lab Sample ID: LCS 480-719137/8
Matrix: Water
Analysis Batch: 719137

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
cis-1,2-Dichloroethene	25.0	24.3		ug/L		97	74 - 124
Tetrachloroethene	25.0	24.1		ug/L		96	74 - 122
trans-1,2-Dichloroethene	25.0	23.9		ug/L		95	73 - 127
Trichloroethene	25.0	23.6		ug/L		94	74 - 123
Vinyl chloride	25.0	27.4		ug/L		110	65 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*96*		*77 - 120*
4-Bromofluorobenzene (Surr)	*90*		*73 - 120*
Toluene-d8 (Surr)	*92*		*80 - 120*
Dibromofluoromethane (Surr)	*90*		*75 - 123*

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

Lab Sample ID: MB 480-719336/11
Matrix: Water
Analysis Batch: 719336

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/23/24 14:06	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/23/24 14:06	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/23/24 14:06	1
Trichloroethene	ND		1.0	0.46	ug/L			07/23/24 14:06	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/23/24 14:06	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*77 - 120*		*07/23/24 14:06*	*1*
4-Bromofluorobenzene (Surr)	*87*		*73 - 120*		*07/23/24 14:06*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*07/23/24 14:06*	*1*
Dibromofluoromethane (Surr)	*87*		*75 - 123*		*07/23/24 14:06*	*1*

Lab Sample ID: LCS 480-719336/8
Matrix: Water
Analysis Batch: 719336

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
cis-1,2-Dichloroethene	25.0	23.8		ug/L		95	74 - 124
Tetrachloroethene	25.0	24.1		ug/L		96	74 - 122
trans-1,2-Dichloroethene	25.0	23.6		ug/L		94	73 - 127
Trichloroethene	25.0	23.4		ug/L		93	74 - 123
Vinyl chloride	25.0	27.7		ug/L		111	65 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*96*		*77 - 120*
4-Bromofluorobenzene (Surr)	*87*		*73 - 120*
Toluene-d8 (Surr)	*93*		*80 - 120*
Dibromofluoromethane (Surr)	*89*		*75 - 123*

Lab Sample ID: LCSD 480-719336/9
Matrix: Water
Analysis Batch: 719336

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
cis-1,2-Dichloroethene	25.0	24.4		ug/L		98	74 - 124	2	15
Tetrachloroethene	25.0	24.6		ug/L		98	74 - 122	2	20
trans-1,2-Dichloroethene	25.0	24.5		ug/L		98	73 - 127	4	20
Trichloroethene	25.0	24.4		ug/L		98	74 - 123	5	16
Vinyl chloride	25.0	28.5		ug/L		114	65 - 133	3	15

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*94*		*77 - 120*
4-Bromofluorobenzene (Surr)	*87*		*73 - 120*
Toluene-d8 (Surr)	*91*		*80 - 120*
Dibromofluoromethane (Surr)	*88*		*75 - 123*

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

Lab Sample ID: MB 480-719339/8
Matrix: Water
Analysis Batch: 719339

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/24/24 01:46	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/24/24 01:46	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/24/24 01:46	1
Trichloroethene	ND		1.0	0.46	ug/L			07/24/24 01:46	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/24/24 01:46	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*77 - 120*		*07/24/24 01:46*	*1*
4-Bromofluorobenzene (Surr)	*87*		*73 - 120*		*07/24/24 01:46*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*07/24/24 01:46*	*1*
Dibromofluoromethane (Surr)	*91*		*75 - 123*		*07/24/24 01:46*	*1*

Lab Sample ID: LCS 480-719339/6
Matrix: Water
Analysis Batch: 719339

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
cis-1,2-Dichloroethene	25.0	24.9		ug/L		100	74 - 124
Tetrachloroethene	25.0	24.9		ug/L		99	74 - 122
trans-1,2-Dichloroethene	25.0	24.5		ug/L		98	73 - 127
Trichloroethene	25.0	24.8		ug/L		99	74 - 123
Vinyl chloride	25.0	28.3		ug/L		113	65 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*77 - 120*
4-Bromofluorobenzene (Surr)	*85*		*73 - 120*
Toluene-d8 (Surr)	*103*		*80 - 120*
Dibromofluoromethane (Surr)	*90*		*75 - 123*

Lab Sample ID: MB 480-719445/9
Matrix: Water
Analysis Batch: 719445

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/24/24 13:34	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/24/24 13:34	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/24/24 13:34	1
Trichloroethene	ND		1.0	0.46	ug/L			07/24/24 13:34	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/24/24 13:34	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*77 - 120*		*07/24/24 13:34*	*1*
4-Bromofluorobenzene (Surr)	*86*		*73 - 120*		*07/24/24 13:34*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*07/24/24 13:34*	*1*
Dibromofluoromethane (Surr)	*87*		*75 - 123*		*07/24/24 13:34*	*1*

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

Lab Sample ID: LCS 480-719445/6
Matrix: Water
Analysis Batch: 719445

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
cis-1,2-Dichloroethene	25.0	23.8		ug/L		95	74 - 124
Tetrachloroethene	25.0	23.1		ug/L		93	74 - 122
trans-1,2-Dichloroethene	25.0	23.8		ug/L		95	73 - 127
Trichloroethene	25.0	23.8		ug/L		95	74 - 123
Vinyl chloride	25.0	27.6		ug/L		110	65 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*94*		*77 - 120*
4-Bromofluorobenzene (Surr)	*85*		*73 - 120*
Toluene-d8 (Surr)	*90*		*80 - 120*
Dibromofluoromethane (Surr)	*89*		*75 - 123*

Lab Sample ID: MB 480-719475/8
Matrix: Water
Analysis Batch: 719475

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/25/24 02:09	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/25/24 02:09	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/25/24 02:09	1
Trichloroethene	ND		1.0	0.46	ug/L			07/25/24 02:09	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/25/24 02:09	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*77 - 120*		*07/25/24 02:09*	*1*
4-Bromofluorobenzene (Surr)	*88*		*73 - 120*		*07/25/24 02:09*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*07/25/24 02:09*	*1*
Dibromofluoromethane (Surr)	*88*		*75 - 123*		*07/25/24 02:09*	*1*

Lab Sample ID: LCS 480-719475/6
Matrix: Water
Analysis Batch: 719475

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
cis-1,2-Dichloroethene	25.0	25.6		ug/L		102	74 - 124
Tetrachloroethene	25.0	24.7		ug/L		99	74 - 122
trans-1,2-Dichloroethene	25.0	25.3		ug/L		101	73 - 127
Trichloroethene	25.0	25.1		ug/L		100	74 - 123
Vinyl chloride	25.0	28.8		ug/L		115	65 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*77 - 120*
4-Bromofluorobenzene (Surr)	*95*		*73 - 120*
Toluene-d8 (Surr)	*98*		*80 - 120*
Dibromofluoromethane (Surr)	*90*		*75 - 123*

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

Lab Sample ID: MB 480-719630/8
Matrix: Water
Analysis Batch: 719630

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/25/24 13:28	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/25/24 13:28	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/25/24 13:28	1
Trichloroethene	ND		1.0	0.46	ug/L			07/25/24 13:28	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/25/24 13:28	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*77 - 120*		*07/25/24 13:28*	*1*
4-Bromofluorobenzene (Surr)	*103*		*73 - 120*		*07/25/24 13:28*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*07/25/24 13:28*	*1*
Dibromofluoromethane (Surr)	*89*		*75 - 123*		*07/25/24 13:28*	*1*

Lab Sample ID: LCS 480-719630/6
Matrix: Water
Analysis Batch: 719630

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
cis-1,2-Dichloroethene	25.0	24.9		ug/L		99	74 - 124
Tetrachloroethene	25.0	25.8		ug/L		103	74 - 122
trans-1,2-Dichloroethene	25.0	24.8		ug/L		99	73 - 127
Trichloroethene	25.0	24.7		ug/L		99	74 - 123
Vinyl chloride	25.0	29.3		ug/L		117	65 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*95*		*77 - 120*
4-Bromofluorobenzene (Surr)	*96*		*73 - 120*
Toluene-d8 (Surr)	*94*		*80 - 120*
Dibromofluoromethane (Surr)	*89*		*75 - 123*

Lab Sample ID: MB 480-719659/8
Matrix: Water
Analysis Batch: 719659

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/26/24 01:25	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/26/24 01:25	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/26/24 01:25	1
Trichloroethene	ND		1.0	0.46	ug/L			07/26/24 01:25	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/26/24 01:25	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*77 - 120*		*07/26/24 01:25*	*1*
4-Bromofluorobenzene (Surr)	*104*		*73 - 120*		*07/26/24 01:25*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*07/26/24 01:25*	*1*
Dibromofluoromethane (Surr)	*89*		*75 - 123*		*07/26/24 01:25*	*1*

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

Lab Sample ID: LCS 480-719659/6
Matrix: Water
Analysis Batch: 719659

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
cis-1,2-Dichloroethene	25.0	23.9		ug/L		96	74 - 124
Tetrachloroethene	25.0	25.4		ug/L		102	74 - 122
trans-1,2-Dichloroethene	25.0	23.5		ug/L		94	73 - 127
Trichloroethene	25.0	23.9		ug/L		96	74 - 123
Vinyl chloride	25.0	28.7		ug/L		115	65 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*77 - 120*
4-Bromofluorobenzene (Surr)	*102*		*73 - 120*
Toluene-d8 (Surr)	*97*		*80 - 120*
Dibromofluoromethane (Surr)	*89*		*75 - 123*

Lab Sample ID: MB 480-719789/8
Matrix: Water
Analysis Batch: 719789

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/27/24 00:17	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/27/24 00:17	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/27/24 00:17	1
Trichloroethene	ND		1.0	0.46	ug/L			07/27/24 00:17	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/27/24 00:17	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*77 - 120*		*07/27/24 00:17*	*1*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*		*07/27/24 00:17*	*1*
Toluene-d8 (Surr)	*106*		*80 - 120*		*07/27/24 00:17*	*1*
Dibromofluoromethane (Surr)	*108*		*75 - 123*		*07/27/24 00:17*	*1*

Lab Sample ID: LCS 480-719789/6
Matrix: Water
Analysis Batch: 719789

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
cis-1,2-Dichloroethene	25.0	25.3		ug/L		101	74 - 124
Tetrachloroethene	25.0	26.5		ug/L		106	74 - 122
trans-1,2-Dichloroethene	25.0	25.2		ug/L		101	73 - 127
Trichloroethene	25.0	25.0		ug/L		100	74 - 123
Vinyl chloride	25.0	30.1		ug/L		121	65 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*111*		*77 - 120*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*
Toluene-d8 (Surr)	*107*		*80 - 120*
Dibromofluoromethane (Surr)	*106*		*75 - 123*

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

Lab Sample ID: 480-222055-1 MS
Matrix: Water
Analysis Batch: 719789

Client Sample ID: MW-8-2-072524
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
cis-1,2-Dichloroethene	3700		2500	5740		ug/L		81	74 - 124
Tetrachloroethene	ND		2500	2590		ug/L		104	74 - 122
trans-1,2-Dichloroethene	ND		2500	2420		ug/L		97	73 - 127
Trichloroethene	1100		2500	3380		ug/L		90	74 - 123
Vinyl chloride	280		2500	3260		ug/L		119	65 - 133

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*109*		*77 - 120*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*
Toluene-d8 (Surr)	*110*		*80 - 120*
Dibromofluoromethane (Surr)	*106*		*75 - 123*

Lab Sample ID: 480-222055-1 MSD
Matrix: Water
Analysis Batch: 719789

Client Sample ID: MW-8-2-072524
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
cis-1,2-Dichloroethene	3700		2500	5930		ug/L		88	74 - 124	3	15
Tetrachloroethene	ND		2500	2690		ug/L		108	74 - 122	4	20
trans-1,2-Dichloroethene	ND		2500	2510		ug/L		101	73 - 127	4	20
Trichloroethene	1100		2500	3550		ug/L		97	74 - 123	5	16
Vinyl chloride	280		2500	3340		ug/L		122	65 - 133	2	15

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*108*		*77 - 120*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*
Toluene-d8 (Surr)	*109*		*80 - 120*
Dibromofluoromethane (Surr)	*104*		*75 - 123*

Lab Sample ID: MB 480-719962/8
Matrix: Water
Analysis Batch: 719962

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/29/24 14:42	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/29/24 14:42	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/29/24 14:42	1
Trichloroethene	ND		1.0	0.46	ug/L			07/29/24 14:42	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/29/24 14:42	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*77 - 120*		*07/29/24 14:42*	*1*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*		*07/29/24 14:42*	*1*
Toluene-d8 (Surr)	*107*		*80 - 120*		*07/29/24 14:42*	*1*
Dibromofluoromethane (Surr)	*109*		*75 - 123*		*07/29/24 14:42*	*1*

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

Lab Sample ID: LCS 480-719962/6
Matrix: Water
Analysis Batch: 719962

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
cis-1,2-Dichloroethene	25.0	24.1		ug/L		96	74 - 124
Tetrachloroethene	25.0	25.8		ug/L		103	74 - 122
trans-1,2-Dichloroethene	25.0	24.0		ug/L		96	73 - 127
Trichloroethene	25.0	24.2		ug/L		97	74 - 123
Vinyl chloride	25.0	29.0		ug/L		116	65 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*107*		*77 - 120*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*
Toluene-d8 (Surr)	*106*		*80 - 120*
Dibromofluoromethane (Surr)	*104*		*75 - 123*

Lab Sample ID: MB 480-720382/8
Matrix: Water
Analysis Batch: 720382

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			08/01/24 11:47	1
Tetrachloroethene	ND		1.0	0.36	ug/L			08/01/24 11:47	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			08/01/24 11:47	1
Trichloroethene	ND		1.0	0.46	ug/L			08/01/24 11:47	1
Vinyl chloride	ND		1.0	0.90	ug/L			08/01/24 11:47	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*77 - 120*		*08/01/24 11:47*	*1*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*		*08/01/24 11:47*	*1*
Toluene-d8 (Surr)	*108*		*80 - 120*		*08/01/24 11:47*	*1*
Dibromofluoromethane (Surr)	*107*		*75 - 123*		*08/01/24 11:47*	*1*

Lab Sample ID: LCS 480-720382/6
Matrix: Water
Analysis Batch: 720382

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
cis-1,2-Dichloroethene	25.0	23.2		ug/L		93	74 - 124
Tetrachloroethene	25.0	25.4		ug/L		102	74 - 122
trans-1,2-Dichloroethene	25.0	23.8		ug/L		95	73 - 127
Trichloroethene	25.0	23.8		ug/L		95	74 - 123
Vinyl chloride	25.0	31.0		ug/L		124	65 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*108*		*77 - 120*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*
Toluene-d8 (Surr)	*106*		*80 - 120*
Dibromofluoromethane (Surr)	*104*		*75 - 123*

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

Lab Sample ID: MB 480-719766/1-A
Matrix: Water
Analysis Batch: 719749

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 719766

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		5.0	0.41	ug/L		07/26/24 09:10	07/26/24 16:56	1
Acenaphthylene	ND		5.0	0.38	ug/L		07/26/24 09:10	07/26/24 16:56	1
Anthracene	ND		5.0	0.28	ug/L		07/26/24 09:10	07/26/24 16:56	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		07/26/24 09:10	07/26/24 16:56	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		07/26/24 09:10	07/26/24 16:56	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		07/26/24 09:10	07/26/24 16:56	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		07/26/24 09:10	07/26/24 16:56	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		07/26/24 09:10	07/26/24 16:56	1
Chrysene	ND		5.0	0.33	ug/L		07/26/24 09:10	07/26/24 16:56	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		07/26/24 09:10	07/26/24 16:56	1
Fluoranthene	ND		5.0	0.40	ug/L		07/26/24 09:10	07/26/24 16:56	1
Fluorene	ND		5.0	0.36	ug/L		07/26/24 09:10	07/26/24 16:56	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		07/26/24 09:10	07/26/24 16:56	1
Naphthalene	ND		5.0	0.76	ug/L		07/26/24 09:10	07/26/24 16:56	1
Phenanthrene	ND		5.0	0.44	ug/L		07/26/24 09:10	07/26/24 16:56	1
Pyrene	ND		5.0	0.34	ug/L		07/26/24 09:10	07/26/24 16:56	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*74*		*53 - 126*	*07/26/24 09:10*	*07/26/24 16:56*	*1*
Nitrobenzene-d5 (Surr)	*65*		*29 - 129*	*07/26/24 09:10*	*07/26/24 16:56*	*1*
p-Terphenyl-d14 (Surr)	*84*		*33 - 132*	*07/26/24 09:10*	*07/26/24 16:56*	*1*

Lab Sample ID: LCS 480-719766/2-A
Matrix: Water
Analysis Batch: 719749

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 719766

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	32.0	24.4		ug/L		76	60 - 120
Acenaphthylene	32.0	25.5		ug/L		80	63 - 120
Anthracene	32.0	26.0		ug/L		81	67 - 120
Benzo[a]anthracene	32.0	24.6		ug/L		77	70 - 121
Benzo[a]pyrene	32.0	25.3		ug/L		79	60 - 123
Benzo[b]fluoranthene	32.0	26.7		ug/L		83	66 - 126
Benzo[g,h,i]perylene	32.0	28.6		ug/L		89	66 - 150
Benzo[k]fluoranthene	32.0	29.2		ug/L		91	65 - 124
Chrysene	32.0	24.5		ug/L		77	69 - 120
Dibenz(a,h)anthracene	32.0	27.4		ug/L		86	65 - 135
Fluoranthene	32.0	26.5		ug/L		83	69 - 126
Fluorene	32.0	25.7		ug/L		80	66 - 120
Indeno[1,2,3-cd]pyrene	32.0	27.0		ug/L		84	69 - 146
Naphthalene	32.0	22.8		ug/L		71	57 - 120
Phenanthrene	32.0	24.7		ug/L		77	68 - 120
Pyrene	32.0	24.8		ug/L		77	70 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*76*		*53 - 126*
Nitrobenzene-d5 (Surr)	*73*		*29 - 129*
p-Terphenyl-d14 (Surr)	*80*		*33 - 132*

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

Lab Sample ID: MB 480-720652/1-A
Matrix: Water
Analysis Batch: 720728

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 720652

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		5.0	0.41	ug/L		08/05/24 09:07	08/07/24 13:14	1
Acenaphthylene	ND		5.0	0.38	ug/L		08/05/24 09:07	08/07/24 13:14	1
Anthracene	ND		5.0	0.28	ug/L		08/05/24 09:07	08/07/24 13:14	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		08/05/24 09:07	08/07/24 13:14	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		08/05/24 09:07	08/07/24 13:14	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		08/05/24 09:07	08/07/24 13:14	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		08/05/24 09:07	08/07/24 13:14	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		08/05/24 09:07	08/07/24 13:14	1
Chrysene	ND		5.0	0.33	ug/L		08/05/24 09:07	08/07/24 13:14	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		08/05/24 09:07	08/07/24 13:14	1
Fluoranthene	ND		5.0	0.40	ug/L		08/05/24 09:07	08/07/24 13:14	1
Fluorene	ND		5.0	0.36	ug/L		08/05/24 09:07	08/07/24 13:14	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		08/05/24 09:07	08/07/24 13:14	1
Naphthalene	ND		5.0	0.76	ug/L		08/05/24 09:07	08/07/24 13:14	1
Phenanthrene	ND		5.0	0.44	ug/L		08/05/24 09:07	08/07/24 13:14	1
Pyrene	ND		5.0	0.34	ug/L		08/05/24 09:07	08/07/24 13:14	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*68*		*53 - 126*	*08/05/24 09:07*	*08/07/24 13:14*	*1*
Nitrobenzene-d5 (Surr)	*57*		*29 - 129*	*08/05/24 09:07*	*08/07/24 13:14*	*1*
p-Terphenyl-d14 (Surr)	*91*		*33 - 132*	*08/05/24 09:07*	*08/07/24 13:14*	*1*

Lab Sample ID: LCS 480-720652/2-A
Matrix: Water
Analysis Batch: 720728

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 720652

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	32.0	27.3		ug/L		85	60 - 120
Acenaphthylene	32.0	27.6		ug/L		86	63 - 120
Anthracene	32.0	29.0		ug/L		91	67 - 120
Benzo[a]anthracene	32.0	28.6		ug/L		89	70 - 121
Benzo[a]pyrene	32.0	29.5		ug/L		92	60 - 123
Benzo[b]fluoranthene	32.0	28.3		ug/L		88	66 - 126
Benzo[g,h,i]perylene	32.0	30.5		ug/L		95	66 - 150
Benzo[k]fluoranthene	32.0	31.2		ug/L		98	65 - 124
Chrysene	32.0	29.1		ug/L		91	69 - 120
Dibenz(a,h)anthracene	32.0	30.5		ug/L		95	65 - 135
Fluoranthene	32.0	29.8		ug/L		93	69 - 126
Fluorene	32.0	28.3		ug/L		88	66 - 120
Indeno[1,2,3-cd]pyrene	32.0	30.3		ug/L		95	69 - 146
Naphthalene	32.0	24.7		ug/L		77	57 - 120
Phenanthrene	32.0	28.1		ug/L		88	68 - 120
Pyrene	32.0	29.2		ug/L		91	70 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*83*		*53 - 126*
Nitrobenzene-d5 (Surr)	*75*		*29 - 129*
p-Terphenyl-d14 (Surr)	*87*		*33 - 132*

Method: RSK-175 - Dissolved Gases (GC)

Lab Sample ID: MB 200-206848/5
Matrix: Water
Analysis Batch: 206848

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon dioxide	ND		10000	10000	ug/L			07/26/24 12:13	1

Lab Sample ID: LCS 200-206848/3
Matrix: Water
Analysis Batch: 206848

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Carbon dioxide			40000	35100		ug/L		88	70 - 130		

Lab Sample ID: LCSD 200-206848/4
Matrix: Water
Analysis Batch: 206848

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Carbon dioxide			40000	44400		ug/L		111	70 - 130	24	30

Lab Sample ID: MB 200-206961/5
Matrix: Water
Analysis Batch: 206961

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon dioxide	ND		10000	10000	ug/L			07/30/24 12:44	1

Lab Sample ID: LCS 200-206961/3
Matrix: Water
Analysis Batch: 206961

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Carbon dioxide			40000	34400		ug/L		86	70 - 130		

Lab Sample ID: LCSD 200-206961/4
Matrix: Water
Analysis Batch: 206961

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Carbon dioxide			40000	41800		ug/L		105	70 - 130	19	30

Lab Sample ID: 480-221777-1 MS
Matrix: Water
Analysis Batch: 206961

Client Sample ID: MW-8-003-B-071824
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Carbon dioxide	11000		40000	50200		ug/L		99	70 - 130		

Lab Sample ID: 480-221777-1 MSD
Matrix: Water
Analysis Batch: 206961

Client Sample ID: MW-8-003-B-071824
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Carbon dioxide	11000		40000	46500		ug/L		90	70 - 130	8	30

Method: RSK-175 - Dissolved Gases (GC)

Lab Sample ID: MB 200-207013/5
Matrix: Water
Analysis Batch: 207013

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon dioxide	ND		10000	10000	ug/L			07/31/24 12:10	1

Lab Sample ID: LCS 200-207013/3
Matrix: Water
Analysis Batch: 207013

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Carbon dioxide			40000	37300		ug/L		93	70 - 130		

Lab Sample ID: LCSD 200-207013/4
Matrix: Water
Analysis Batch: 207013

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Carbon dioxide			40000	37900		ug/L		95	70 - 130	1	30

Lab Sample ID: MB 200-207106/5
Matrix: Water
Analysis Batch: 207106

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon dioxide	ND		10000	10000	ug/L			08/02/24 11:34	1

Lab Sample ID: LCS 200-207106/3
Matrix: Water
Analysis Batch: 207106

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Carbon dioxide			40000	37300		ug/L		93	70 - 130		

Lab Sample ID: LCSD 200-207106/4
Matrix: Water
Analysis Batch: 207106

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Carbon dioxide			40000	46200		ug/L		116	70 - 130	21	30

Lab Sample ID: 480-222055-1 MS
Matrix: Water
Analysis Batch: 207106

Client Sample ID: MW-8-2-072524
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Carbon dioxide	51000		40000	91400		ug/L		101	70 - 130		

Lab Sample ID: 480-222055-1 MSD
Matrix: Water
Analysis Batch: 207106

Client Sample ID: MW-8-2-072524
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Carbon dioxide	51000		40000	91600		ug/L		101	70 - 130	0	30

Method: RSK-175 - Dissolved Gases (GC)

Lab Sample ID: MB 200-207470/5
Matrix: Water
Analysis Batch: 207470

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon dioxide	ND		10000	10000	ug/L			08/13/24 11:31	1

Lab Sample ID: LCS 200-207470/3
Matrix: Water
Analysis Batch: 207470

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Carbon dioxide	40000	40200		ug/L		101	70 - 130

Lab Sample ID: LCSD 200-207470/4
Matrix: Water
Analysis Batch: 207470

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Carbon dioxide	40000	35600		ug/L		89	70 - 130	12	30

Lab Sample ID: MB 480-718692/3
Matrix: Water
Analysis Batch: 718692

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethane	ND		7.5	1.5	ug/L			07/17/24 08:52	1
Ethene	ND		7.0	1.5	ug/L			07/17/24 08:52	1
Methane	ND		4.0	1.0	ug/L			07/17/24 08:52	1

Lab Sample ID: LCS 480-718692/4
Matrix: Water
Analysis Batch: 718692

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ethane	36.5	34.4		ug/L		94	79 - 120
Ethene	34.0	31.9		ug/L		94	85 - 120
Methane	19.5	18.6		ug/L		95	85 - 120

Lab Sample ID: LCSD 480-718692/5
Matrix: Water
Analysis Batch: 718692

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ethane	36.5	33.7		ug/L		92	79 - 120	2	50
Ethene	34.0	30.9		ug/L		91	85 - 120	3	50
Methane	19.5	18.3		ug/L		94	85 - 120	2	50

Lab Sample ID: MB 480-718953/4
Matrix: Water
Analysis Batch: 718953

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethane	ND		7.5	1.5	ug/L			07/19/24 08:56	1
Ethene	ND		7.0	1.5	ug/L			07/19/24 08:56	1

Method: RSK-175 - Dissolved Gases (GC) (Continued)

Lab Sample ID: MB 480-718953/4
Matrix: Water
Analysis Batch: 718953

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	ND		4.0	1.0	ug/L			07/19/24 08:56	1

Lab Sample ID: LCS 480-718953/5
Matrix: Water
Analysis Batch: 718953

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ethane	36.5	35.5		ug/L		97	79 - 120
Ethene	34.0	32.9		ug/L		97	85 - 120
Methane	19.5	18.8		ug/L		97	85 - 120

Lab Sample ID: 480-221777-1 MS
Matrix: Water
Analysis Batch: 718953

Client Sample ID: MW-8-003-B-071824
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethane	ND		36.5	38.0		ug/L		104	76 - 125
Ethene	9.2		34.0	44.6		ug/L		104	75 - 129
Methane	8.0		19.5	28.0		ug/L		102	38 - 150

Lab Sample ID: 480-221777-1 MSD
Matrix: Water
Analysis Batch: 718953

Client Sample ID: MW-8-003-B-071824
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ethane	ND		36.5	37.7		ug/L		103	76 - 125	1	50
Ethene	9.2		34.0	44.4		ug/L		104	75 - 129	1	50
Methane	8.0		19.5	27.9		ug/L		102	38 - 150	0	50

Lab Sample ID: MB 480-719308/4
Matrix: Water
Analysis Batch: 719308

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethane	ND		7.5	1.5	ug/L			07/23/24 11:32	1
Ethene	ND		7.0	1.5	ug/L			07/23/24 11:32	1
Methane	ND		4.0	1.0	ug/L			07/23/24 11:32	1

Lab Sample ID: LCS 480-719308/5
Matrix: Water
Analysis Batch: 719308

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ethane	36.5	34.6		ug/L		95	79 - 120
Ethene	34.0	32.4		ug/L		95	85 - 120
Methane	19.5	18.6		ug/L		95	85 - 120

Method: RSK-175 - Dissolved Gases (GC) (Continued)

Lab Sample ID: LCSD 480-719308/6
Matrix: Water
Analysis Batch: 719308

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ethane			36.5	37.6		ug/L		103	79 - 120	8	50
Ethene			34.0	32.7		ug/L		96	85 - 120	1	50
Methane			19.5	20.3		ug/L		104	85 - 120	9	50

Lab Sample ID: MB 480-719404/3
Matrix: Water
Analysis Batch: 719404

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethane	ND		7.5	1.5	ug/L			07/24/24 07:57	1
Ethene	ND		7.0	1.5	ug/L			07/24/24 07:57	1
Methane	ND		4.0	1.0	ug/L			07/24/24 07:57	1

Lab Sample ID: LCS 480-719404/4
Matrix: Water
Analysis Batch: 719404

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ethane			36.5	40.1		ug/L		110	79 - 120
Ethene			34.0	36.0		ug/L		106	85 - 120
Methane			19.5	21.2		ug/L		108	85 - 120

Lab Sample ID: MB 480-719644/4
Matrix: Water
Analysis Batch: 719644

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethane	1.68	J	7.5	1.5	ug/L			07/25/24 11:34	1
Ethene	1.67	J	7.0	1.5	ug/L			07/25/24 11:34	1
Methane	1.28	J	4.0	1.0	ug/L			07/25/24 11:34	1

Lab Sample ID: LCS 480-719644/5
Matrix: Water
Analysis Batch: 719644

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ethane			36.5	41.8		ug/L		114	79 - 120
Ethene			34.0	38.4		ug/L		113	85 - 120
Methane			19.5	22.2		ug/L		114	85 - 120

Lab Sample ID: LCSD 480-719644/6
Matrix: Water
Analysis Batch: 719644

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ethane			36.5	40.5		ug/L		111	79 - 120	3	50
Ethene			34.0	37.2		ug/L		109	85 - 120	3	50
Methane			19.5	21.9		ug/L		112	85 - 120	1	50

Method: RSK-175 - Dissolved Gases (GC) (Continued)

Lab Sample ID: MB 480-719744/4
Matrix: Water
Analysis Batch: 719744

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethane	ND		7.5	1.5	ug/L			07/26/24 08:10	1
Ethene	ND		7.0	1.5	ug/L			07/26/24 08:10	1
Methane	ND		4.0	1.0	ug/L			07/26/24 08:10	1

Lab Sample ID: LCS 480-719744/5
Matrix: Water
Analysis Batch: 719744

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ethane	36.5	37.2		ug/L		102	79 - 120
Ethene	34.0	34.6		ug/L		102	85 - 120
Methane	19.5	19.6		ug/L		100	85 - 120

Lab Sample ID: 480-222055-1 MS
Matrix: Water
Analysis Batch: 719744

Client Sample ID: MW-8-2-072524
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethane	ND		402	459		ug/L		114	76 - 125
Ethene	ND		374	407		ug/L		109	75 - 129
Methane	430		215	749		ug/L		147	38 - 150

Lab Sample ID: 480-222055-1 MSD
Matrix: Water
Analysis Batch: 719744

Client Sample ID: MW-8-2-072524
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ethane	ND		402	428		ug/L		106	76 - 125	7	50
Ethene	ND		374	389		ug/L		104	75 - 129	5	50
Methane	430		215	711		ug/L		130	38 - 150	5	50

Lab Sample ID: MB 480-719942/5
Matrix: Water
Analysis Batch: 719942

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethane	ND		7.5	1.5	ug/L			07/29/24 11:04	1
Ethene	ND		7.0	1.5	ug/L			07/29/24 11:04	1
Methane	ND		4.0	1.0	ug/L			07/29/24 11:04	1

Lab Sample ID: LCS 480-719942/6
Matrix: Water
Analysis Batch: 719942

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ethane	36.5	40.8		ug/L		112	79 - 120
Ethene	34.0	38.0		ug/L		112	85 - 120
Methane	19.5	21.3		ug/L		109	85 - 120

Method: RSK-175 - Dissolved Gases (GC) (Continued)

Lab Sample ID: LCSD 480-719942/7
Matrix: Water
Analysis Batch: 719942

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ethane			36.5	40.7		ug/L		111	79 - 120	0	50
Ethene			34.0	37.3		ug/L		110	85 - 120	2	50
Methane			19.5	21.3		ug/L		109	85 - 120	0	50

Lab Sample ID: MB 480-720669/5
Matrix: Water
Analysis Batch: 720669

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethane	ND		7.5	1.5	ug/L			08/05/24 11:30	1
Ethene	ND		7.0	1.5	ug/L			08/05/24 11:30	1
Methane	ND		4.0	1.0	ug/L			08/05/24 11:30	1

Lab Sample ID: LCS 480-720669/6
Matrix: Water
Analysis Batch: 720669

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Ethane			36.5	39.7		ug/L		109	79 - 120		
Ethene			34.0	36.9		ug/L		108	85 - 120		
Methane			19.5	20.7		ug/L		106	85 - 120		

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-718773/1-A
Matrix: Water
Analysis Batch: 718903

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 718773

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	ND		0.050	0.019	mg/L		07/17/24 08:37	07/18/24 13:59	1
Magnesium	ND		0.20	0.043	mg/L		07/17/24 08:37	07/18/24 13:59	1
Manganese	ND		0.0030	0.00040	mg/L		07/17/24 08:37	07/18/24 13:59	1
Potassium	ND		0.50	0.10	mg/L		07/17/24 08:37	07/18/24 13:59	1
Sodium	ND		1.0	0.32	mg/L		07/17/24 08:37	07/18/24 13:59	1

Lab Sample ID: LCS 480-718773/2-A
Matrix: Water
Analysis Batch: 718903

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 718773

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Iron			5.10	5.30		mg/L		104	80 - 120		
Magnesium			25.0	24.98		mg/L		100	80 - 120		
Manganese			0.500	0.491		mg/L		98	80 - 120		
Potassium			25.0	25.46		mg/L		102	80 - 120		
Sodium			25.0	24.90		mg/L		100	80 - 120		

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: MB 480-718913/1-A
Matrix: Water
Analysis Batch: 719064

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 718913

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	ND		0.050	0.019	mg/L		07/19/24 09:01	07/19/24 15:10	1
Magnesium	ND		0.20	0.043	mg/L		07/19/24 09:01	07/19/24 15:10	1
Manganese	ND		0.0030	0.00040	mg/L		07/19/24 09:01	07/19/24 15:10	1
Potassium	ND		0.50	0.10	mg/L		07/19/24 09:01	07/19/24 15:10	1
Sodium	ND		1.0	0.32	mg/L		07/19/24 09:01	07/19/24 15:10	1

Lab Sample ID: LCS 480-718913/2-A
Matrix: Water
Analysis Batch: 719064

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 718913

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Iron	5.10	5.51		mg/L		108	80 - 120
Magnesium	25.0	23.89		mg/L		96	80 - 120
Manganese	0.500	0.506		mg/L		101	80 - 120
Potassium	25.0	26.09		mg/L		104	80 - 120
Sodium	25.0	26.06		mg/L		104	80 - 120

Lab Sample ID: MB 480-719012/1-A
Matrix: Water
Analysis Batch: 719268

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 719012

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	ND		0.050	0.019	mg/L		07/22/24 09:17	07/22/24 18:29	1
Magnesium	ND		0.20	0.043	mg/L		07/22/24 09:17	07/22/24 18:29	1
Manganese	ND		0.0030	0.00040	mg/L		07/22/24 09:17	07/22/24 18:29	1
Potassium	ND		0.50	0.10	mg/L		07/22/24 09:17	07/22/24 18:29	1
Sodium	ND		1.0	0.32	mg/L		07/22/24 09:17	07/22/24 18:29	1

Lab Sample ID: LCS 480-719012/2-A
Matrix: Water
Analysis Batch: 719268

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 719012

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Iron	5.10	5.40		mg/L		106	80 - 120
Magnesium	25.0	25.32		mg/L		101	80 - 120
Manganese	0.500	0.506		mg/L		101	80 - 120
Potassium	25.0	25.66		mg/L		103	80 - 120
Sodium	25.0	26.16		mg/L		105	80 - 120

Lab Sample ID: 480-221777-1 MS
Matrix: Water
Analysis Batch: 719268

Client Sample ID: MW-8-003-B-071824
Prep Type: Total/NA
Prep Batch: 719012

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Iron	0.055		5.10	5.16		mg/L		100	75 - 125
Magnesium	16.9		25.0	42.76		mg/L		104	75 - 125
Manganese	0.19		0.500	0.760		mg/L		114	75 - 125
Potassium	6.5		25.0	33.79		mg/L		109	75 - 125

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: 480-221777-1 MS
Matrix: Water
Analysis Batch: 719371

Client Sample ID: MW-8-003-B-071824
Prep Type: Total/NA
Prep Batch: 719012

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sodium	130		25.0	132.0	4	mg/L		9	75 - 125

Lab Sample ID: 480-221777-1 MSD
Matrix: Water
Analysis Batch: 719268

Client Sample ID: MW-8-003-B-071824
Prep Type: Total/NA
Prep Batch: 719012

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Iron	0.055		5.10	4.94		mg/L		96	75 - 125	4	20
Magnesium	16.9		25.0	40.71		mg/L		95	75 - 125	5	20
Manganese	0.19		0.500	0.721		mg/L		106	75 - 125	5	20
Potassium	6.5		25.0	32.11		mg/L		102	75 - 125	5	20

Lab Sample ID: 480-221777-1 MSD
Matrix: Water
Analysis Batch: 719371

Client Sample ID: MW-8-003-B-071824
Prep Type: Total/NA
Prep Batch: 719012

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sodium	130		25.0	126.4	4	mg/L		-14	75 - 125	4	20

Lab Sample ID: MB 480-719348/1-A
Matrix: Water
Analysis Batch: 719604

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 719348

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	ND		0.050	0.019	mg/L		07/24/24 09:05	07/24/24 19:39	1
Magnesium	ND		0.20	0.043	mg/L		07/24/24 09:05	07/24/24 19:39	1
Manganese	0.00158	J ^+	0.0030	0.00040	mg/L		07/24/24 09:05	07/24/24 19:39	1
Potassium	ND		0.50	0.10	mg/L		07/24/24 09:05	07/24/24 19:39	1
Sodium	ND		1.0	0.32	mg/L		07/24/24 09:05	07/24/24 19:39	1

Lab Sample ID: LCS 480-719348/2-A
Matrix: Water
Analysis Batch: 719604

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 719348

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Iron	5.10	4.98		mg/L		98	80 - 120
Magnesium	25.0	23.31		mg/L		93	80 - 120
Manganese	0.500	0.466	^+	mg/L		93	80 - 120
Potassium	25.0	23.45		mg/L		94	80 - 120
Sodium	25.0	23.42		mg/L		94	80 - 120

Lab Sample ID: MB 480-719474/1-A
Matrix: Water
Analysis Batch: 719754

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 719474

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	ND		0.050	0.019	mg/L		07/25/24 09:00	07/25/24 16:16	1
Magnesium	ND		0.20	0.043	mg/L		07/25/24 09:00	07/25/24 16:16	1
Manganese	ND		0.0030	0.00040	mg/L		07/25/24 09:00	07/25/24 16:16	1
Potassium	ND		0.50	0.10	mg/L		07/25/24 09:00	07/25/24 16:16	1

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: MB 480-719474/1-A
Matrix: Water
Analysis Batch: 719754

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 719474

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	ND		1.0	0.32	mg/L		07/25/24 09:00	07/25/24 16:16	1

Lab Sample ID: LCS 480-719474/2-A
Matrix: Water
Analysis Batch: 719754

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 719474

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Iron	5.10	5.61		mg/L		110	80 - 120
Magnesium	25.0	25.46		mg/L		102	80 - 120
Manganese	0.500	0.519		mg/L		104	80 - 120
Potassium	25.0	25.70		mg/L		103	80 - 120
Sodium	25.0	25.70		mg/L		103	80 - 120

Lab Sample ID: MB 480-719682/1-A
Matrix: Water
Analysis Batch: 719940

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 719682

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	ND		0.050	0.019	mg/L		07/26/24 08:53	07/26/24 15:59	1
Magnesium	ND		0.20	0.043	mg/L		07/26/24 08:53	07/26/24 15:59	1
Manganese	0.000531	J	0.0030	0.00040	mg/L		07/26/24 08:53	07/26/24 15:59	1
Potassium	ND		0.50	0.10	mg/L		07/26/24 08:53	07/26/24 15:59	1
Sodium	ND		1.0	0.32	mg/L		07/26/24 08:53	07/26/24 15:59	1

Lab Sample ID: LCS 480-719682/2-A
Matrix: Water
Analysis Batch: 719940

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 719682

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Iron	5.10	5.43		mg/L		106	80 - 120
Magnesium	25.0	24.67		mg/L		99	80 - 120
Manganese	0.500	0.515		mg/L		103	80 - 120
Potassium	25.0	26.02		mg/L		104	80 - 120
Sodium	25.0	26.10		mg/L		104	80 - 120

Lab Sample ID: MB 480-719791/1-A
Matrix: Water
Analysis Batch: 720071

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 719791

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	ND		0.050	0.019	mg/L		07/29/24 08:47	07/29/24 14:58	1
Magnesium	ND		0.20	0.043	mg/L		07/29/24 08:47	07/29/24 14:58	1
Manganese	0.00215	J	0.0030	0.00040	mg/L		07/29/24 08:47	07/29/24 14:58	1
Potassium	ND		0.50	0.10	mg/L		07/29/24 08:47	07/29/24 14:58	1
Sodium	ND		1.0	0.32	mg/L		07/29/24 08:47	07/29/24 14:58	1

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: LCS 480-719791/2-A
Matrix: Water
Analysis Batch: 720071

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 719791

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Iron			5.10	5.40		mg/L		106	80 - 120		
Magnesium			25.0	25.16		mg/L		101	80 - 120		
Manganese			0.500	0.512		mg/L		102	80 - 120		
Potassium			25.0	25.68		mg/L		103	80 - 120		
Sodium			25.0	26.10		mg/L		104	80 - 120		

Lab Sample ID: 480-222055-1 MS
Matrix: Water
Analysis Batch: 720071

Client Sample ID: MW-8-2-072524
Prep Type: Total/NA
Prep Batch: 719791

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Iron	5.0		5.10	10.37		mg/L		106	75 - 125		
Magnesium	44.0		25.0	70.26		mg/L		105	75 - 125		
Manganese	0.73	B	0.500	1.23		mg/L		101	75 - 125		
Potassium	5.2		25.0	32.36		mg/L		109	75 - 125		
Sodium	70.3	F1	25.0	99.16		mg/L		116	75 - 125		

Lab Sample ID: 480-222055-1 MSD
Matrix: Water
Analysis Batch: 720071

Client Sample ID: MW-8-2-072524
Prep Type: Total/NA
Prep Batch: 719791

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Iron	5.0		5.10	10.62		mg/L		111	75 - 125	2	20
Magnesium	44.0		25.0	72.80		mg/L		115	75 - 125	4	20
Manganese	0.73	B	0.500	1.27		mg/L		108	75 - 125	3	20
Potassium	5.2		25.0	32.88		mg/L		111	75 - 125	2	20
Sodium	70.3	F1	25.0	104.9	F1	mg/L		138	75 - 125	6	20

Lab Sample ID: MB 480-720007/1-A
Matrix: Water
Analysis Batch: 720134

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 720007

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	ND		0.050	0.019	mg/L		07/30/24 08:43	07/30/24 13:56	1
Magnesium	ND		0.20	0.043	mg/L		07/30/24 08:43	07/30/24 13:56	1
Manganese	0.000504	J	0.0030	0.00040	mg/L		07/30/24 08:43	07/30/24 13:56	1
Potassium	ND		0.50	0.10	mg/L		07/30/24 08:43	07/30/24 13:56	1
Sodium	ND		1.0	0.32	mg/L		07/30/24 08:43	07/30/24 13:56	1

Lab Sample ID: LCS 480-720007/2-A
Matrix: Water
Analysis Batch: 720134

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 720007

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Iron			5.10	5.44		mg/L		107	80 - 120		
Magnesium			25.0	24.77		mg/L		99	80 - 120		
Manganese			0.500	0.511		mg/L		102	80 - 120		
Potassium			25.0	25.65		mg/L		103	80 - 120		
Sodium			25.0	25.80		mg/L		103	80 - 120		

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: MB 480-720447/1-A
Matrix: Water
Analysis Batch: 720643

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 720447

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	ND		0.050	0.019	mg/L		08/02/24 08:15	08/02/24 19:38	1
Magnesium	ND		0.20	0.043	mg/L		08/02/24 08:15	08/02/24 19:38	1
Manganese	0.000529	J	0.0030	0.00040	mg/L		08/02/24 08:15	08/02/24 19:38	1
Potassium	ND		0.50	0.10	mg/L		08/02/24 08:15	08/02/24 19:38	1
Sodium	ND		1.0	0.32	mg/L		08/02/24 08:15	08/02/24 19:38	1

Lab Sample ID: LCS 480-720447/2-A
Matrix: Water
Analysis Batch: 720643

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 720447

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Iron	5.10	5.47		mg/L		107	80 - 120
Magnesium	25.0	24.91		mg/L		100	80 - 120
Manganese	0.500	0.508		mg/L		102	80 - 120
Potassium	25.0	25.22		mg/L		101	80 - 120
Sodium	25.0	25.42		mg/L		102	80 - 120

Lab Sample ID: 480-222217-2 MS
Matrix: Water
Analysis Batch: 720643

Client Sample ID: MW-9-12-080124
Prep Type: Total/NA
Prep Batch: 720447

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Iron	0.25		5.10	5.65		mg/L		106	75 - 125
Magnesium	42.8		25.0	70.53		mg/L		111	75 - 125
Manganese	0.29	B	0.500	0.802		mg/L		103	75 - 125
Potassium	5.8		25.0	32.42		mg/L		107	75 - 125
Sodium	611		25.0	662.6	4	mg/L		207	75 - 125

Lab Sample ID: 480-222217-2 MSD
Matrix: Water
Analysis Batch: 720643

Client Sample ID: MW-9-12-080124
Prep Type: Total/NA
Prep Batch: 720447

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Iron	0.25		5.10	5.47		mg/L		102	75 - 125	3	20
Magnesium	42.8		25.0	69.38		mg/L		107	75 - 125	2	20
Manganese	0.29	B	0.500	0.786		mg/L		100	75 - 125	2	20
Potassium	5.8		25.0	31.60		mg/L		103	75 - 125	3	20
Sodium	611		25.0	658.7	4	mg/L		191	75 - 125	1	20

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 480-718750/28
Matrix: Water
Analysis Batch: 718750

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50	0.28	mg/L			07/18/24 19:37	1
Sulfate	ND		2.0	0.35	mg/L			07/18/24 19:37	1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 480-718750/29
Matrix: Water
Analysis Batch: 718750

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			50.1	49.61		mg/L		99	90 - 110		
Sulfate			50.1	49.47		mg/L		99	90 - 110		

Lab Sample ID: MB 480-719035/28
Matrix: Water
Analysis Batch: 719035

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50	0.28	mg/L			07/19/24 21:38	1
Sulfate	ND		2.0	0.35	mg/L			07/19/24 21:38	1

Lab Sample ID: MB 480-719035/4
Matrix: Water
Analysis Batch: 719035

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50	0.28	mg/L			07/19/24 15:44	1
Sulfate	ND		2.0	0.35	mg/L			07/19/24 15:44	1

Lab Sample ID: LCS 480-719035/29
Matrix: Water
Analysis Batch: 719035

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			50.1	49.50		mg/L		99	90 - 110		
Sulfate			50.1	49.51		mg/L		99	90 - 110		

Lab Sample ID: LCS 480-719035/5
Matrix: Water
Analysis Batch: 719035

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			50.1	49.10		mg/L		98	90 - 110		
Sulfate			50.1	48.89		mg/L		98	90 - 110		

Lab Sample ID: 480-221777-1 MS
Matrix: Water
Analysis Batch: 719035

Client Sample ID: MW-8-003-B-071824
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	5240	F1	2510	9114	F1	mg/L		155	81 - 120		
Sulfate	255	F2 F1	2500	2826		mg/L		103	80 - 120		

Lab Sample ID: 480-221777-1 MSD
Matrix: Water
Analysis Batch: 719035

Client Sample ID: MW-8-003-B-071824
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	5240	F1	2510	7806		mg/L		102	81 - 120	15	15
Sulfate	255	F2 F1	2500	2241	F2 F1	mg/L		79	80 - 120	23	15

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 480-719496/28
Matrix: Water
Analysis Batch: 719496

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50	0.28	mg/L			07/24/24 21:37	1
Sulfate	ND		2.0	0.35	mg/L			07/24/24 21:37	1

Lab Sample ID: LCS 480-719496/29
Matrix: Water
Analysis Batch: 719496

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	50.1	49.33		mg/L		98	90 - 110
Sulfate	50.1	49.04		mg/L		98	90 - 110

Lab Sample ID: 480-221913-3 MS
Matrix: Water
Analysis Batch: 719496

Client Sample ID: DUPE-01-072224
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	2020		1000	2864		mg/L		84	81 - 120
Sulfate	178		1000	1142		mg/L		96	80 - 120

Lab Sample ID: MB 480-719800/28
Matrix: Water
Analysis Batch: 719800

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50	0.28	mg/L			07/26/24 21:34	1
Sulfate	ND		2.0	0.35	mg/L			07/26/24 21:34	1

Lab Sample ID: MB 480-719800/4
Matrix: Water
Analysis Batch: 719800

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50	0.28	mg/L			07/26/24 14:23	1
Sulfate	ND		2.0	0.35	mg/L			07/26/24 14:23	1

Lab Sample ID: LCS 480-719800/29
Matrix: Water
Analysis Batch: 719800

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	50.1	49.37		mg/L		99	90 - 110
Sulfate	50.1	50.24		mg/L		100	90 - 110

Lab Sample ID: LCS 480-719800/5
Matrix: Water
Analysis Batch: 719800

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	50.1	49.46		mg/L		99	90 - 110
Sulfate	50.1	50.20		mg/L		100	90 - 110

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 480-222015-2 MS
Matrix: Water
Analysis Batch: 719800

Client Sample ID: BLDG-10-MW-1-072424
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	618		501	1065		mg/L		89	81 - 120
Sulfate	231		501	712.5		mg/L		96	80 - 120

Lab Sample ID: MB 480-719971/4
Matrix: Water
Analysis Batch: 719971

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50	0.28	mg/L			07/29/24 14:04	1
Sulfate	ND		2.0	0.35	mg/L			07/29/24 14:04	1

Lab Sample ID: LCS 480-719971/5
Matrix: Water
Analysis Batch: 719971

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	50.1	49.31		mg/L		98	90 - 110
Sulfate	50.1	49.90		mg/L		100	90 - 110

Lab Sample ID: 480-221958-1 MS
Matrix: Water
Analysis Batch: 719971

Client Sample ID: MW-6-F-8-072324
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1390		1000	2394		mg/L		100	81 - 120
Sulfate	79.2		1000	1185		mg/L		110	80 - 120

Lab Sample ID: 480-221958-1 MSD
Matrix: Water
Analysis Batch: 719971

Client Sample ID: MW-6-F-8-072324
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1390		1000	2272		mg/L		88	81 - 120	5	15
Sulfate	79.2		1000	1064		mg/L		98	80 - 120	11	15

Lab Sample ID: MB 480-720111/4
Matrix: Water
Analysis Batch: 720111

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50	0.28	mg/L			07/30/24 16:04	1
Sulfate	ND		2.0	0.35	mg/L			07/30/24 16:04	1

Lab Sample ID: LCS 480-720111/5
Matrix: Water
Analysis Batch: 720111

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	50.1	49.51		mg/L		99	90 - 110
Sulfate	50.1	50.14		mg/L		100	90 - 110

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 480-222055-1 MS
Matrix: Water
Analysis Batch: 720111

Client Sample ID: MW-8-2-072524
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	151		251	382.7		mg/L		92	81 - 120		
Sulfate	62.9		250	303.2		mg/L		96	80 - 120		

Lab Sample ID: 480-222055-1 MSD
Matrix: Water
Analysis Batch: 720111

Client Sample ID: MW-8-2-072524
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	151		251	383.6		mg/L		93	81 - 120	0	15
Sulfate	62.9		250	305.2		mg/L		97	80 - 120	1	15

Lab Sample ID: MB 480-720116/28
Matrix: Water
Analysis Batch: 720116

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50	0.28	mg/L			07/30/24 22:04	1
Sulfate	ND		2.0	0.35	mg/L			07/30/24 22:04	1

Lab Sample ID: LCS 480-720116/29
Matrix: Water
Analysis Batch: 720116

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	50.1	49.66		mg/L		99	90 - 110		
Sulfate	50.1	49.45		mg/L		99	90 - 110		

Lab Sample ID: MB 480-720906/4
Matrix: Water
Analysis Batch: 720906

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50	0.28	mg/L			08/07/24 13:14	1
Sulfate	ND		2.0	0.35	mg/L			08/07/24 13:14	1

Lab Sample ID: LCS 480-720906/5
Matrix: Water
Analysis Batch: 720906

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	50.1	49.81		mg/L		99	90 - 110		
Sulfate	50.1	50.43		mg/L		101	90 - 110		

Method: 350.1 - Nitrogen, Ammonia

Lab Sample ID: MB 480-718763/62
Matrix: Water
Analysis Batch: 718763

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	ND		0.020	0.0090	mg/L			07/17/24 13:22	1

Lab Sample ID: MB 480-718763/83
Matrix: Water
Analysis Batch: 718763

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	ND		0.020	0.0090	mg/L			07/17/24 13:41	1

Lab Sample ID: LCS 480-718763/63
Matrix: Water
Analysis Batch: 718763

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia	1.00	1.01		mg/L		101	90 - 110

Lab Sample ID: LCS 480-718763/84
Matrix: Water
Analysis Batch: 718763

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia	1.00	0.980		mg/L		98	90 - 110

Lab Sample ID: 480-221700-3 MS
Matrix: Water
Analysis Batch: 718763

Client Sample ID: TK-6-071624
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia	0.052	F1	0.200	0.161	F1	mg/L		54	90 - 110

Lab Sample ID: 480-221700-3 MSD
Matrix: Water
Analysis Batch: 718763

Client Sample ID: TK-6-071624
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ammonia	0.052	F1	0.200	0.141	F1	mg/L		45	90 - 110	13	20

Lab Sample ID: MB 480-719373/26
Matrix: Water
Analysis Batch: 719373

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	ND		0.020	0.0090	mg/L			07/23/24 15:54	1

Lab Sample ID: MB 480-719373/5
Matrix: Water
Analysis Batch: 719373

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	0.0140	J	0.020	0.0090	mg/L			07/23/24 15:37	1

Method: 350.1 - Nitrogen, Ammonia

Lab Sample ID: LCS 480-719373/27
Matrix: Water
Analysis Batch: 719373

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia	1.00	1.03		mg/L		103	90 - 110

Lab Sample ID: LCS 480-719373/6
Matrix: Water
Analysis Batch: 719373

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia	1.00	1.03		mg/L		103	90 - 110

Lab Sample ID: 480-221751-3 MS
Matrix: Water
Analysis Batch: 719373

Client Sample ID: MW-7-5-071724
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia	0.056	B F1	0.0800	0.167	F1	mg/L		139	90 - 110

Lab Sample ID: 480-221777-1 MS
Matrix: Water
Analysis Batch: 719373

Client Sample ID: MW-8-003-B-071824
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia	0.16	F1	0.0800	0.291	F1	mg/L		164	90 - 110

Lab Sample ID: 480-221777-1 MSD
Matrix: Water
Analysis Batch: 719373

Client Sample ID: MW-8-003-B-071824
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ammonia	0.16	F1	0.0800	0.304	F1	mg/L		180	90 - 110	4	20

Lab Sample ID: MB 480-720251/42
Matrix: Water
Analysis Batch: 720251

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	0.0140	J	0.020	0.0090	mg/L			07/30/24 17:48	1

Lab Sample ID: LCS 480-720251/43
Matrix: Water
Analysis Batch: 720251

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia	1.00	1.04		mg/L		104	90 - 110

Lab Sample ID: MB 480-720404/27
Matrix: Water
Analysis Batch: 720404

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	ND		0.020	0.0090	mg/L			07/31/24 18:28	1

Method: 350.1 - Nitrogen, Ammonia

Lab Sample ID: MB 480-720404/46
Matrix: Water
Analysis Batch: 720404

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	ND		0.020	0.0090	mg/L			07/31/24 18:45	1

Lab Sample ID: MB 480-720404/5
Matrix: Water
Analysis Batch: 720404

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	ND		0.020	0.0090	mg/L			07/31/24 17:46	1

Lab Sample ID: MB 480-720404/83
Matrix: Water
Analysis Batch: 720404

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	ND		0.020	0.0090	mg/L			07/31/24 19:14	1

Lab Sample ID: LCS 480-720404/17
Matrix: Water
Analysis Batch: 720404

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia	1.00	1.04		mg/L		104	90 - 110

Lab Sample ID: LCS 480-720404/28
Matrix: Water
Analysis Batch: 720404

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia	1.00	1.01		mg/L		101	90 - 110

Lab Sample ID: LCS 480-720404/47
Matrix: Water
Analysis Batch: 720404

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia	1.00	1.02		mg/L		102	90 - 110

Lab Sample ID: LCS 480-720404/84
Matrix: Water
Analysis Batch: 720404

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia	1.00	0.984		mg/L		98	90 - 110

Lab Sample ID: 480-221913-2 MS
Matrix: Water
Analysis Batch: 720404

Client Sample ID: MW-10-2-072224
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia	0.31	F1	0.0800	0.422	F1	mg/L		135	90 - 110

Method: 350.1 - Nitrogen, Ammonia

Lab Sample ID: 480-221913-2 MSD
Matrix: Water
Analysis Batch: 720404

Client Sample ID: MW-10-2-072224
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ammonia	0.31	F1	0.0800	0.380	F1	mg/L		83	90 - 110	10	20

Lab Sample ID: MB 480-720418/62
Matrix: Water
Analysis Batch: 720418

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	ND		0.020	0.0090	mg/L			07/31/24 20:27	1

Lab Sample ID: LCS 480-720418/63
Matrix: Water
Analysis Batch: 720418

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia	1.00	1.04		mg/L		104	90 - 110

Lab Sample ID: 480-222055-1 MS
Matrix: Water
Analysis Batch: 720418

Client Sample ID: MW-8-2-072524
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia	0.19	F1	0.0800	0.289	F1	mg/L		121	90 - 110

Lab Sample ID: 480-222055-1 MSD
Matrix: Water
Analysis Batch: 720418

Client Sample ID: MW-8-2-072524
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ammonia	0.19	F1	0.0800	0.275		mg/L		104	90 - 110	5	20

Lab Sample ID: MB 480-720537/47
Matrix: Water
Analysis Batch: 720537

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	ND		0.020	0.0090	mg/L			08/01/24 17:38	1

Lab Sample ID: MB 480-720537/62
Matrix: Water
Analysis Batch: 720537

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	ND		0.020	0.0090	mg/L			08/01/24 17:55	1

Lab Sample ID: MB 480-720537/78
Matrix: Water
Analysis Batch: 720537

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	ND		0.020	0.0090	mg/L			08/01/24 18:07	1

Method: 350.1 - Nitrogen, Ammonia

Lab Sample ID: LCS 480-720537/48
Matrix: Water
Analysis Batch: 720537

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia	1.00	0.997		mg/L		100	90 - 110

Lab Sample ID: LCS 480-720537/63
Matrix: Water
Analysis Batch: 720537

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia	1.00	0.990		mg/L		99	90 - 110

Lab Sample ID: LCS 480-720537/79
Matrix: Water
Analysis Batch: 720537

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia	1.00	0.990		mg/L		99	90 - 110

Lab Sample ID: MB 480-720896/25
Matrix: Water
Analysis Batch: 720896

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	ND		0.020	0.0090	mg/L			08/06/24 16:13	1

Lab Sample ID: LCS 480-720896/26
Matrix: Water
Analysis Batch: 720896

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ammonia	1.00	1.03		mg/L		103	90 - 110

Method: 353.2 - Nitrogen, Nitrite

Lab Sample ID: MB 480-718796/3
Matrix: Water
Analysis Batch: 718796

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrite	ND		0.050	0.020	mg/L			07/17/24 17:09	1

Lab Sample ID: LCS 480-718796/4
Matrix: Water
Analysis Batch: 718796

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrite	1.50	1.51		mg/L		101	90 - 110

Method: 353.2 - Nitrogen, Nitrite (Continued)

Lab Sample ID: MB 480-718933/3
Matrix: Water
Analysis Batch: 718933

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrite	ND		0.050	0.020	mg/L			07/18/24 16:52	1

Lab Sample ID: LCS 480-718933/4
Matrix: Water
Analysis Batch: 718933

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrite	1.50	1.54		mg/L		103	90 - 110

Lab Sample ID: MB 480-719395/3
Matrix: Water
Analysis Batch: 719395

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrite	ND		0.050	0.020	mg/L			07/23/24 17:14	1

Lab Sample ID: LCS 480-719395/4
Matrix: Water
Analysis Batch: 719395

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrite	1.50	1.57		mg/L		105	90 - 110

Lab Sample ID: MB 480-719559/27
Matrix: Water
Analysis Batch: 719559

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrite	ND		0.050	0.020	mg/L			07/24/24 20:06	1

Lab Sample ID: MB 480-719559/3
Matrix: Water
Analysis Batch: 719559

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrite	ND		0.050	0.020	mg/L			07/24/24 19:33	1

Lab Sample ID: LCS 480-719559/28
Matrix: Water
Analysis Batch: 719559

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrite	1.50	1.50		mg/L		100	90 - 110

Lab Sample ID: LCS 480-719559/4
Matrix: Water
Analysis Batch: 719559

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrite	1.50	1.50		mg/L		100	90 - 110

Method: 353.2 - Nitrogen, Nitrite

Lab Sample ID: 480-221777-1 MS
Matrix: Water
Analysis Batch: 719559

Client Sample ID: MW-8-003-B-071824
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrite	0.028	J H F1	1.00	1.33	H F1	mg/L		130	90 - 110

Lab Sample ID: 480-221777-1 MSD
Matrix: Water
Analysis Batch: 719559

Client Sample ID: MW-8-003-B-071824
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrite	0.028	J H F1	1.00	1.30	H F1	mg/L		127	90 - 110	2	20

Lab Sample ID: MB 480-719723/3
Matrix: Water
Analysis Batch: 719723

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrite	ND		0.050	0.020	mg/L			07/25/24 12:22	1

Lab Sample ID: LCS 480-719723/4
Matrix: Water
Analysis Batch: 719723

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrite	1.50	1.50		mg/L		100	90 - 110

Lab Sample ID: 480-221958-3 MS
Matrix: Water
Analysis Batch: 719723

Client Sample ID: MW-6-2-072324
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrite	ND		1.00	0.906		mg/L		91	90 - 110

Lab Sample ID: 480-221958-3 DU
Matrix: Water
Analysis Batch: 719723

Client Sample ID: MW-6-2-072324
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Nitrite	ND		ND		mg/L		NC	20

Lab Sample ID: MB 480-719728/27
Matrix: Water
Analysis Batch: 719728

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrite	ND		0.050	0.020	mg/L			07/25/24 19:20	1

Lab Sample ID: LCS 480-719728/28
Matrix: Water
Analysis Batch: 719728

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrite	1.50	1.50		mg/L		100	90 - 110

Method: 353.2 - Nitrogen, Nitrite

Lab Sample ID: MB 480-719863/27
Matrix: Water
Analysis Batch: 719863

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrite	ND		0.050	0.020	mg/L			07/26/24 17:48	1

Lab Sample ID: LCS 480-719863/28
Matrix: Water
Analysis Batch: 719863

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrite	1.50	1.56		mg/L		104	90 - 110

Lab Sample ID: 480-222055-1 MS
Matrix: Water
Analysis Batch: 719863

Client Sample ID: MW-8-2-072524
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrite	ND	F1 F2	1.00	1.23	F1	mg/L		123	90 - 110

Lab Sample ID: 480-222055-1 MSD
Matrix: Water
Analysis Batch: 719863

Client Sample ID: MW-8-2-072524
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrite	ND	F1 F2	1.00	0.958	F2	mg/L		96	90 - 110	25	20

Lab Sample ID: MB 480-720165/3
Matrix: Water
Analysis Batch: 720165

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrite	ND		0.050	0.020	mg/L			07/30/24 17:28	1

Lab Sample ID: LCS 480-720165/4
Matrix: Water
Analysis Batch: 720165

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrite	1.50	1.51		mg/L		101	90 - 110

Lab Sample ID: 480-222107-1 MS
Matrix: Water
Analysis Batch: 720165

Client Sample ID: MW-8-3-072624
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrite	0.026	J H	1.00	1.04		mg/L		101	90 - 110

Lab Sample ID: 480-222107-1 DU
Matrix: Water
Analysis Batch: 720165

Client Sample ID: MW-8-3-072624
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Nitrite	0.026	J H	0.0266	J	mg/L		2	20

Method: 353.2 - Nitrogen, Nitrite

Lab Sample ID: MB 480-720582/7
Matrix: Water
Analysis Batch: 720582

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrite	ND		0.050	0.020	mg/L			08/02/24 10:43	1

Lab Sample ID: LCS 480-720582/8
Matrix: Water
Analysis Batch: 720582

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrite	1.50	1.49		mg/L		99	90 - 110

Lab Sample ID: 480-222217-2 MS
Matrix: Water
Analysis Batch: 720582

Client Sample ID: MW-9-12-080124
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrite	ND		1.00	1.04		mg/L		104	90 - 110

Method: 353.2 - Nitrogen, Nitrate-Nitrite

Lab Sample ID: MB 480-718787/28
Matrix: Water
Analysis Batch: 718787

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	ND		0.050	0.020	mg/L			07/17/24 16:45	1

Lab Sample ID: MB 480-718787/4
Matrix: Water
Analysis Batch: 718787

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	ND		0.050	0.020	mg/L			07/17/24 16:12	1

Lab Sample ID: LCS 480-718787/29
Matrix: Water
Analysis Batch: 718787

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate Nitrite as N	1.50	1.49		mg/L		99	90 - 110

Lab Sample ID: LCS 480-718787/5
Matrix: Water
Analysis Batch: 718787

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate Nitrite as N	1.50	1.52		mg/L		101	90 - 110

Method: 353.2 - Nitrogen, Nitrate-Nitrite (Continued)

Lab Sample ID: MB 480-718912/28
Matrix: Water
Analysis Batch: 718912

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	ND		0.050	0.020	mg/L			07/18/24 14:31	1

Lab Sample ID: MB 480-718912/4
Matrix: Water
Analysis Batch: 718912

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	ND		0.050	0.020	mg/L			07/18/24 13:57	1

Lab Sample ID: LCS 480-718912/29
Matrix: Water
Analysis Batch: 718912

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate Nitrite as N	1.50	1.45		mg/L		97	90 - 110

Lab Sample ID: LCS 480-718912/5
Matrix: Water
Analysis Batch: 718912

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate Nitrite as N	1.50	1.46		mg/L		97	90 - 110

Lab Sample ID: MB 480-719374/4
Matrix: Water
Analysis Batch: 719374

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	0.0375	J	0.050	0.020	mg/L			07/23/24 14:41	1

Lab Sample ID: LCS 480-719374/5
Matrix: Water
Analysis Batch: 719374

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate Nitrite as N	1.50	1.49		mg/L		99	90 - 110

Lab Sample ID: MB 480-719553/100
Matrix: Water
Analysis Batch: 719553

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	ND		0.050	0.020	mg/L			07/24/24 18:02	1

Lab Sample ID: MB 480-719553/28
Matrix: Water
Analysis Batch: 719553

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	ND		0.050	0.020	mg/L			07/24/24 16:23	1

Method: 353.2 - Nitrogen, Nitrate-Nitrite

Lab Sample ID: MB 480-719553/4
Matrix: Water
Analysis Batch: 719553

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	ND		0.050	0.020	mg/L			07/24/24 15:50	1

Lab Sample ID: MB 480-719553/52
Matrix: Water
Analysis Batch: 719553

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	ND		0.050	0.020	mg/L			07/24/24 16:56	1

Lab Sample ID: LCS 480-719553/101
Matrix: Water
Analysis Batch: 719553

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate Nitrite as N	1.50	1.38		mg/L		92	90 - 110

Lab Sample ID: LCS 480-719553/29
Matrix: Water
Analysis Batch: 719553

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate Nitrite as N	1.50	1.46		mg/L		97	90 - 110

Lab Sample ID: LCS 480-719553/5
Matrix: Water
Analysis Batch: 719553

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate Nitrite as N	1.50	1.51		mg/L		101	90 - 110

Lab Sample ID: LCS 480-719553/53
Matrix: Water
Analysis Batch: 719553

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate Nitrite as N	1.50	1.44		mg/L		96	90 - 110

Lab Sample ID: 480-221777-1 MS
Matrix: Water
Analysis Batch: 719553

Client Sample ID: MW-8-003-B-071824
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate Nitrite as N	0.56	H F1	1.00	1.89	H F1	mg/L		133	90 - 110

Lab Sample ID: 480-221777-1 MSD
Matrix: Water
Analysis Batch: 719553

Client Sample ID: MW-8-003-B-071824
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate Nitrite as N	0.56	H F1	1.00	1.71	H F1	mg/L		115	90 - 110	10	20

Method: 353.2 - Nitrogen, Nitrate-Nitrite

Lab Sample ID: MB 480-719721/52
Matrix: Water
Analysis Batch: 719721

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	ND		0.050	0.020	mg/L			07/25/24 16:17	1

Lab Sample ID: LCS 480-719721/53
Matrix: Water
Analysis Batch: 719721

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate Nitrite as N	1.50	1.39		mg/L		93	90 - 110

Lab Sample ID: MB 480-719846/28
Matrix: Water
Analysis Batch: 719846

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	ND		0.050	0.020	mg/L			07/26/24 14:25	1

Lab Sample ID: MB 480-719846/4
Matrix: Water
Analysis Batch: 719846

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	ND		0.050	0.020	mg/L			07/26/24 13:52	1

Lab Sample ID: LCS 480-719846/29
Matrix: Water
Analysis Batch: 719846

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate Nitrite as N	1.50	1.50		mg/L		100	90 - 110

Lab Sample ID: LCS 480-719846/5
Matrix: Water
Analysis Batch: 719846

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate Nitrite as N	1.50	1.49		mg/L		99	90 - 110

Lab Sample ID: 480-222055-1 MS
Matrix: Water
Analysis Batch: 719846

Client Sample ID: MW-8-2-072524
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate Nitrite as N	ND		1.00	0.956		mg/L		96	90 - 110

Lab Sample ID: 480-222055-1 MSD
Matrix: Water
Analysis Batch: 719846

Client Sample ID: MW-8-2-072524
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate Nitrite as N	ND		1.00	1.07		mg/L		107	90 - 110	11	20

Method: 353.2 - Nitrogen, Nitrate-Nitrite

Lab Sample ID: MB 480-720158/4
Matrix: Water
Analysis Batch: 720158

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	ND		0.050	0.020	mg/L			07/30/24 15:26	1

Lab Sample ID: LCS 480-720158/5
Matrix: Water
Analysis Batch: 720158

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate Nitrite as N	1.50	1.49		mg/L		99	90 - 110

Lab Sample ID: MB 480-720581/5
Matrix: Water
Analysis Batch: 720581

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	ND		0.050	0.020	mg/L			08/01/24 17:46	1

Lab Sample ID: LCS 480-720581/6
Matrix: Water
Analysis Batch: 720581

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate Nitrite as N	1.50	1.56		mg/L		104	90 - 110

Lab Sample ID: 480-222217-2 MS
Matrix: Water
Analysis Batch: 720581

Client Sample ID: MW-9-12-080124
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate Nitrite as N	0.15	F1	1.00	1.27	F1	mg/L		112	90 - 110

Method: 9060A - Organic Carbon, Total (TOC)

Lab Sample ID: MB 480-718821/4
Matrix: Water
Analysis Batch: 718821

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	0.656	J	1.0	0.43	mg/L			07/17/24 14:49	1

Lab Sample ID: LCS 480-718821/5
Matrix: Water
Analysis Batch: 718821

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Organic Carbon	60.0	62.44		mg/L		104	90 - 110

Method: 9060A - Organic Carbon, Total (TOC) (Continued)

Lab Sample ID: 480-221700-1 MS
Matrix: Water
Analysis Batch: 718821

Client Sample ID: MW-6-1-071624
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Total Organic Carbon	5.5	B	23.3	22.07		mg/L		71	54 - 131

Lab Sample ID: 480-221700-2 DU
Matrix: Water
Analysis Batch: 718821

Client Sample ID: MW-7-P-1-071624
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Organic Carbon	5.9	B	5.83		mg/L		1	20

Lab Sample ID: MB 480-719607/28
Matrix: Water
Analysis Batch: 719607

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	ND		1.0	0.43	mg/L			07/24/24 04:04	1

Lab Sample ID: MB 480-719607/4
Matrix: Water
Analysis Batch: 719607

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	ND		1.0	0.43	mg/L			07/23/24 16:26	1

Lab Sample ID: MB 480-719607/52
Matrix: Water
Analysis Batch: 719607

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	ND		1.0	0.43	mg/L			07/24/24 15:40	1

Lab Sample ID: LCS 480-719607/29
Matrix: Water
Analysis Batch: 719607

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Organic Carbon	60.0	58.26		mg/L		97	90 - 110

Lab Sample ID: LCS 480-719607/5
Matrix: Water
Analysis Batch: 719607

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Organic Carbon	60.0	59.12		mg/L		99	90 - 110

Lab Sample ID: LCS 480-719607/53
Matrix: Water
Analysis Batch: 719607

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Organic Carbon	60.0	56.69		mg/L		94	90 - 110

Method: 9060A - Organic Carbon, Total (TOC)

Lab Sample ID: 480-221777-1 MS
Matrix: Water
Analysis Batch: 719607

Client Sample ID: MW-8-003-B-071824
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Total Organic Carbon	0.71	J	23.3	17.73		mg/L		73	54 - 131

Lab Sample ID: 480-221777-1 MSD
Matrix: Water
Analysis Batch: 719607

Client Sample ID: MW-8-003-B-071824
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Organic Carbon	0.71	J	23.3	17.88		mg/L		74	54 - 131	1	20

Lab Sample ID: MB 480-720484/28
Matrix: Water
Analysis Batch: 720484

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	ND		1.0	0.43	mg/L			08/01/24 01:10	1

Lab Sample ID: MB 480-720484/4
Matrix: Water
Analysis Batch: 720484

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	ND		1.0	0.43	mg/L			07/31/24 13:31	1

Lab Sample ID: LCS 480-720484/29
Matrix: Water
Analysis Batch: 720484

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Organic Carbon	60.0	59.40		mg/L		99	90 - 110

Lab Sample ID: LCS 480-720484/5
Matrix: Water
Analysis Batch: 720484

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Organic Carbon	60.0	59.85		mg/L		100	90 - 110

Lab Sample ID: 480-221913-3 DU
Matrix: Water
Analysis Batch: 720484

Client Sample ID: DUPE-01-072224
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Organic Carbon	ND		ND		mg/L		NC	20

Lab Sample ID: MB 480-720644/4
Matrix: Water
Analysis Batch: 720644

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	ND		1.0	0.43	mg/L			08/02/24 12:06	1

Method: 9060A - Organic Carbon, Total (TOC)

Lab Sample ID: LCS 480-720644/5
Matrix: Water
Analysis Batch: 720644

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Organic Carbon			60.0	59.58		mg/L		99	90 - 110		

Lab Sample ID: MB 480-720645/28
Matrix: Water
Analysis Batch: 720645

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	ND		1.0	0.43	mg/L			08/02/24 02:23	1

Lab Sample ID: MB 480-720645/4
Matrix: Water
Analysis Batch: 720645

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	ND		1.0	0.43	mg/L			08/01/24 14:55	1

Lab Sample ID: MB 480-720645/52
Matrix: Water
Analysis Batch: 720645

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	ND		1.0	0.43	mg/L			08/02/24 13:54	1

Lab Sample ID: LCS 480-720645/29
Matrix: Water
Analysis Batch: 720645

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Organic Carbon			60.0	55.00		mg/L		92	90 - 110		

Lab Sample ID: LCS 480-720645/5
Matrix: Water
Analysis Batch: 720645

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Organic Carbon			60.0	57.47		mg/L		96	90 - 110		

Lab Sample ID: LCS 480-720645/53
Matrix: Water
Analysis Batch: 720645

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Organic Carbon			60.0	55.85		mg/L		93	90 - 110		

Lab Sample ID: 480-222055-1 MS
Matrix: Water
Analysis Batch: 720645

Client Sample ID: MW-8-2-072524
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Organic Carbon	1.4		23.3	22.80		mg/L		92	54 - 131		

Method: 9060A - Organic Carbon, Total (TOC)

Lab Sample ID: 480-222055-1 MSD
Matrix: Water
Analysis Batch: 720645

Client Sample ID: MW-8-2-072524
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Organic Carbon	1.4		23.3	22.99		mg/L		93	54 - 131	1	20

Lab Sample ID: MB 480-720805/28
Matrix: Water
Analysis Batch: 720805

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	ND		1.0	0.43	mg/L			08/06/24 01:58	1

Lab Sample ID: LCS 480-720805/29
Matrix: Water
Analysis Batch: 720805

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Organic Carbon	60.0	60.81		mg/L		101	90 - 110

Lab Sample ID: MB 480-721021/28
Matrix: Water
Analysis Batch: 721021

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	ND		1.0	0.43	mg/L			08/07/24 03:13	1

Lab Sample ID: LCS 480-721021/29
Matrix: Water
Analysis Batch: 721021

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Organic Carbon	60.0	60.67		mg/L		101	90 - 110

Method: SM 2320B - Alkalinity

Lab Sample ID: MB 480-719169/28
Matrix: Water
Analysis Batch: 719169

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity	ND		5.0	0.79	mg/L			07/19/24 19:14	1

Lab Sample ID: MB 480-719169/52
Matrix: Water
Analysis Batch: 719169

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity	ND		5.0	0.79	mg/L			07/20/24 12:15	1

Method: SM 2320B - Alkalinity (Continued)

Lab Sample ID: MB 480-719169/76
Matrix: Water
Analysis Batch: 719169

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity	ND		5.0	0.79	mg/L			07/20/24 15:17	1

Lab Sample ID: LCS 480-719169/29
Matrix: Water
Analysis Batch: 719169

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Alkalinity			100	93.04		mg/L		93	90 - 110		

Lab Sample ID: LCS 480-719169/53
Matrix: Water
Analysis Batch: 719169

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Alkalinity			100	93.84		mg/L		94	90 - 110		

Lab Sample ID: LCS 480-719169/77
Matrix: Water
Analysis Batch: 719169

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Alkalinity			100	96.08		mg/L		96	90 - 110		

Lab Sample ID: 480-221777-1 MS
Matrix: Water
Analysis Batch: 719169

Client Sample ID: MW-8-003-B-071824
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Alkalinity	254	F1	160	273.8	F1	mg/L		13	60 - 140		

Lab Sample ID: 480-221777-1 MSD
Matrix: Water
Analysis Batch: 719169

Client Sample ID: MW-8-003-B-071824
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Alkalinity	254	F1	160	267.9	F1	mg/L		9	60 - 140	2	20

Lab Sample ID: 480-221777-3 MS
Matrix: Water
Analysis Batch: 719169

Client Sample ID: MW-7-C-2-071824
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Alkalinity	310	F1	160	333.7	F1	mg/L		15	60 - 140		

Lab Sample ID: 480-221777-2 DU
Matrix: Water
Analysis Batch: 719169

Client Sample ID: MW-7-2-071824
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity	360		362.0		mg/L		0.4	20

Method: SM 2320B - Alkalinity

Lab Sample ID: MB 480-719805/28
Matrix: Water
Analysis Batch: 719805

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity	ND		5.0	0.79	mg/L			07/25/24 19:28	1

Lab Sample ID: LCS 480-719805/29
Matrix: Water
Analysis Batch: 719805

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity	100	93.52		mg/L		94	90 - 110

Lab Sample ID: MB 480-720091/28
Matrix: Water
Analysis Batch: 720091

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity	ND		5.0	0.79	mg/L			07/29/24 17:59	1

Lab Sample ID: LCS 480-720091/29
Matrix: Water
Analysis Batch: 720091

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity	100	91.20		mg/L		91	90 - 110

Lab Sample ID: MB 480-720192/24
Matrix: Water
Analysis Batch: 720192

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity	ND		5.0	0.79	mg/L			07/30/24 21:43	1

Lab Sample ID: MB 480-720192/29
Matrix: Water
Analysis Batch: 720192

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity	ND		5.0	0.79	mg/L			07/30/24 22:14	1

Lab Sample ID: MB 480-720192/5
Matrix: Water
Analysis Batch: 720192

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity	ND	^-	5.0	0.79	mg/L			07/30/24 17:31	1

Lab Sample ID: LCS 480-720192/25
Matrix: Water
Analysis Batch: 720192

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity	100	93.04		mg/L		93	90 - 110

Method: SM 2320B - Alkalinity

Lab Sample ID: LCS 480-720192/6
Matrix: Water
Analysis Batch: 720192

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity	100	91.44	^-	mg/L		91	90 - 110

Lab Sample ID: MB 480-720440/27
Matrix: Water
Analysis Batch: 720440

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity	0.600	J	2.5	0.40	mg/L			08/01/24 11:19	1

Lab Sample ID: MB 480-720440/3
Matrix: Water
Analysis Batch: 720440

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity	ND		2.5	0.40	mg/L			08/01/24 11:19	1

Lab Sample ID: LCS 480-720440/28
Matrix: Water
Analysis Batch: 720440

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity	100	96.00		mg/L		96	90 - 110

Lab Sample ID: LCS 480-720440/4
Matrix: Water
Analysis Batch: 720440

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity	100	96.00		mg/L		96	90 - 110

Lab Sample ID: 480-222055-1 MS
Matrix: Water
Analysis Batch: 720440

Client Sample ID: MW-8-2-072524
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity	2500	F1	5000	5300	F1	mg/L		56	60 - 140

Lab Sample ID: 480-222055-1 MSD
Matrix: Water
Analysis Batch: 720440

Client Sample ID: MW-8-2-072524
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Alkalinity	2500	F1	5000	5100	F1	mg/L		52	60 - 140	4	20

Lab Sample ID: MB 480-720776/28
Matrix: Water
Analysis Batch: 720776

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity	ND		5.0	0.79	mg/L			08/05/24 21:01	1

Method: SM 2320B - Alkalinity

Lab Sample ID: LCS 480-720776/29
Matrix: Water
Analysis Batch: 720776

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Alkalinity			100	96.16		mg/L		96	90 - 110		

Method: SM 4500 S2 F - Sulfide, Total

Lab Sample ID: MB 480-719390/3
Matrix: Water
Analysis Batch: 719390

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	ND		1.0	0.67	mg/L			07/23/24 17:15	1

Lab Sample ID: LCS 480-719390/4
Matrix: Water
Analysis Batch: 719390

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfide			6.20	6.40		mg/L		103	90 - 110		

Lab Sample ID: 480-221700-2 MS
Matrix: Water
Analysis Batch: 719390

Client Sample ID: MW-7-P-1-071624
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfide	ND	F1	1.85	2.40		mg/L		130	40 - 150		

Lab Sample ID: 480-221700-1 DU
Matrix: Water
Analysis Batch: 719390

Client Sample ID: MW-6-1-071624
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Sulfide	ND			ND		mg/L				NC	20

Lab Sample ID: MB 480-719534/3
Matrix: Water
Analysis Batch: 719534

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	ND		1.0	0.67	mg/L			07/24/24 15:06	1

Lab Sample ID: LCS 480-719534/4
Matrix: Water
Analysis Batch: 719534

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfide			6.20	6.40		mg/L		103	90 - 110		

Method: SM 4500 S2 F - Sulfide, Total (Continued)

Lab Sample ID: 480-221751-2 DU
Matrix: Water
Analysis Batch: 719534

Client Sample ID: MW-7-6-071724
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Sulfide	ND		ND		mg/L		NC	20

Lab Sample ID: MB 480-719705/3
Matrix: Water
Analysis Batch: 719705

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	ND		1.0	0.67	mg/L			07/25/24 15:20	1

Lab Sample ID: LCS 480-719705/4
Matrix: Water
Analysis Batch: 719705

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfide	6.20	6.40		mg/L		103	90 - 110

Lab Sample ID: 480-221777-1 MS
Matrix: Water
Analysis Batch: 719705

Client Sample ID: MW-8-003-B-071824
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfide	ND	F1	1.85	2.00		mg/L		108	40 - 150

Lab Sample ID: 480-221777-1 MSD
Matrix: Water
Analysis Batch: 719705

Client Sample ID: MW-8-003-B-071824
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfide	ND	F1	1.85	2.00		mg/L		108	40 - 150	0	20

Lab Sample ID: MB 480-719883/3
Matrix: Water
Analysis Batch: 719883

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	ND		1.0	0.67	mg/L			07/27/24 13:05	1

Lab Sample ID: LCS 480-719883/4
Matrix: Water
Analysis Batch: 719883

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfide	6.20	6.00		mg/L		97	90 - 110

Lab Sample ID: 480-221913-1 MS
Matrix: Water
Analysis Batch: 719883

Client Sample ID: MW-10-3-072224
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfide	ND	F1	1.85	2.40		mg/L		130	40 - 150

Method: SM 4500 S2 F - Sulfide, Total

Lab Sample ID: 480-221913-2 DU
Matrix: Water
Analysis Batch: 719883

Client Sample ID: MW-10-2-072224
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Sulfide	ND		ND		mg/L		NC	20

Lab Sample ID: 480-221958-3 DU
Matrix: Water
Analysis Batch: 719883

Client Sample ID: MW-6-2-072324
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Sulfide	ND		ND		mg/L		NC	20

Lab Sample ID: MB 480-720097/3
Matrix: Water
Analysis Batch: 720097

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	ND		1.0	0.67	mg/L			07/30/24 11:00	1

Lab Sample ID: LCS 480-720097/4
Matrix: Water
Analysis Batch: 720097

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfide	6.60	6.80		mg/L		103	90 - 110

Lab Sample ID: 480-222055-1 MS
Matrix: Water
Analysis Batch: 720097

Client Sample ID: MW-8-2-072524
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfide	ND	F1	1.85	2.40		mg/L		130	40 - 150

Lab Sample ID: 480-222055-1 MSD
Matrix: Water
Analysis Batch: 720097

Client Sample ID: MW-8-2-072524
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfide	ND	F1	1.85	2.40		mg/L		130	40 - 150	0	20

Lab Sample ID: MB 480-720516/3
Matrix: Water
Analysis Batch: 720516

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	ND		1.0	0.67	mg/L			08/01/24 15:05	1

Lab Sample ID: LCS 480-720516/4
Matrix: Water
Analysis Batch: 720516

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfide	6.60	6.80		mg/L		103	90 - 110

Client: GHD Services Inc.
Project/Site: 12616852, GM Lockport 256043

Job ID: 480-221700-1
SDG: BCP

Method: SM 4500 S2 F - Sulfide, Total

Lab Sample ID: MB 480-720566/3
Matrix: Water
Analysis Batch: 720566

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	ND		1.0	0.67	mg/L			08/02/24 13:47	1

Lab Sample ID: LCS 480-720566/4
Matrix: Water
Analysis Batch: 720566

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfide			6.60	6.80		mg/L		103	90 - 110		

Lab Sample ID: 480-222107-1 DU
Matrix: Water
Analysis Batch: 720566

Client Sample ID: MW-8-3-072624
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Sulfide	ND			ND		mg/L				NC	20

GC/MS VOA

Analysis Batch: 718693

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-221700-1	MW-6-1-071624	Total/NA	Water	8260C	
480-221700-2	MW-7-P-1-071624	Total/NA	Water	8260C	
480-221700-3	TK-6-071624	Total/NA	Water	8260C	
480-221700-4	TRIP BLANK-071624	Total/NA	Water	8260C	
MB 480-718693/8	Method Blank	Total/NA	Water	8260C	
LCS 480-718693/6	Lab Control Sample	Total/NA	Water	8260C	
LCSD 480-718693/31	Lab Control Sample Dup	Total/NA	Water	8260C	

Analysis Batch: 718985

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-221777-1	MW-8-003-B-071824	Total/NA	Water	8260C	
480-221777-2	MW-7-2-071824	Total/NA	Water	8260C	
480-221777-3	MW-7-C-2-071824	Total/NA	Water	8260C	
480-221777-4	TRIP BLANK-071824	Total/NA	Water	8260C	
MB 480-718985/9	Method Blank	Total/NA	Water	8260C	
LCS 480-718985/7	Lab Control Sample	Total/NA	Water	8260C	
480-221777-1 MS	MW-8-003-B-071824	Total/NA	Water	8260C	
480-221777-1 MSD	MW-8-003-B-071824	Total/NA	Water	8260C	

Analysis Batch: 719137

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-221751-1	MW-7-1-071724	Total/NA	Water	8260C	
480-221751-4	MW-7-3-071724	Total/NA	Water	8260C	
480-221751-5	TRIP BLANK-071724	Total/NA	Water	8260C	
MB 480-719137/11	Method Blank	Total/NA	Water	8260C	
LCS 480-719137/8	Lab Control Sample	Total/NA	Water	8260C	

Analysis Batch: 719336

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-221751-2	MW-7-6-071724	Total/NA	Water	8260C	
480-221751-3	MW-7-5-071724	Total/NA	Water	8260C	
MB 480-719336/11	Method Blank	Total/NA	Water	8260C	
LCS 480-719336/8	Lab Control Sample	Total/NA	Water	8260C	
LCSD 480-719336/9	Lab Control Sample Dup	Total/NA	Water	8260C	

Analysis Batch: 719339

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-221913-1	MW-10-3-072224	Total/NA	Water	8260C	
480-221913-2	MW-10-2-072224	Total/NA	Water	8260C	
480-221913-4	MW-7-7-072224	Total/NA	Water	8260C	
MB 480-719339/8	Method Blank	Total/NA	Water	8260C	
LCS 480-719339/6	Lab Control Sample	Total/NA	Water	8260C	

Analysis Batch: 719445

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-221913-3	DUPE-01-072224	Total/NA	Water	8260C	
480-221958-1	MW-6-F-8-072324	Total/NA	Water	8260C	
480-221958-2	MW-8-4-072324	Total/NA	Water	8260C	
MB 480-719445/9	Method Blank	Total/NA	Water	8260C	
LCS 480-719445/6	Lab Control Sample	Total/NA	Water	8260C	

GC/MS VOA

Analysis Batch: 719475

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-221958-4	TRIP BLANK-072324	Total/NA	Water	8260C	
MB 480-719475/8	Method Blank	Total/NA	Water	8260C	
LCS 480-719475/6	Lab Control Sample	Total/NA	Water	8260C	

Analysis Batch: 719630

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-221913-3 - DL	DUPE-01-072224	Total/NA	Water	8260C	
480-221958-3	MW-6-2-072324	Total/NA	Water	8260C	
MB 480-719630/8	Method Blank	Total/NA	Water	8260C	
LCS 480-719630/6	Lab Control Sample	Total/NA	Water	8260C	

Analysis Batch: 719659

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-222015-1	DUPE-02-072424	Total/NA	Water	8260C	
480-222015-2	BLDG-10-MW-1-072424	Total/NA	Water	8260C	
480-222015-3	MW-9-101-A-072424	Total/NA	Water	8260C	
480-222015-4	MW-7-8-072424	Total/NA	Water	8260C	
480-222015-5	TRIP BLANK-072424	Total/NA	Water	8260C	
MB 480-719659/8	Method Blank	Total/NA	Water	8260C	
LCS 480-719659/6	Lab Control Sample	Total/NA	Water	8260C	

Analysis Batch: 719789

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-222055-1	MW-8-2-072524	Total/NA	Water	8260C	
480-222055-2	MW-8-1-072524	Total/NA	Water	8260C	
480-222055-3	TRIP BLANK-072524	Total/NA	Water	8260C	
MB 480-719789/8	Method Blank	Total/NA	Water	8260C	
LCS 480-719789/6	Lab Control Sample	Total/NA	Water	8260C	
480-222055-1 MS	MW-8-2-072524	Total/NA	Water	8260C	
480-222055-1 MSD	MW-8-2-072524	Total/NA	Water	8260C	

Analysis Batch: 719962

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-222107-1	MW-8-3-072624	Total/NA	Water	8260C	
480-222107-2	TRIP BLANK-072524A	Total/NA	Water	8260C	
MB 480-719962/8	Method Blank	Total/NA	Water	8260C	
LCS 480-719962/6	Lab Control Sample	Total/NA	Water	8260C	

Analysis Batch: 720382

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-222217-1	MW-7-A-6-080124	Total/NA	Water	8260C	
480-222217-2	MW-9-12-080124	Total/NA	Water	8260C	
480-222217-3	TRIP BLANK-080124	Total/NA	Water	8260C	
MB 480-720382/8	Method Blank	Total/NA	Water	8260C	
LCS 480-720382/6	Lab Control Sample	Total/NA	Water	8260C	

GC/MS Semi VOA

Analysis Batch: 719749

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-222015-3	MW-9-101-A-072424	Total/NA	Water	8270D	719766

GC/MS Semi VOA (Continued)

Analysis Batch: 719749 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-719766/1-A	Method Blank	Total/NA	Water	8270D	719766
LCS 480-719766/2-A	Lab Control Sample	Total/NA	Water	8270D	719766

Prep Batch: 719766

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-222015-3	MW-9-101-A-072424	Total/NA	Water	3510C	
MB 480-719766/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-719766/2-A	Lab Control Sample	Total/NA	Water	3510C	

Prep Batch: 720652

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-222217-2	MW-9-12-080124	Total/NA	Water	3510C	
MB 480-720652/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-720652/2-A	Lab Control Sample	Total/NA	Water	3510C	

Analysis Batch: 720728

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-222217-2	MW-9-12-080124	Total/NA	Water	8270D	720652
MB 480-720652/1-A	Method Blank	Total/NA	Water	8270D	720652
LCS 480-720652/2-A	Lab Control Sample	Total/NA	Water	8270D	720652

GC VOA

Analysis Batch: 206848

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-221700-1	MW-6-1-071624	Total/NA	Water	RSK-175	
480-221700-2	MW-7-P-1-071624	Total/NA	Water	RSK-175	
480-221700-3	TK-6-071624	Total/NA	Water	RSK-175	
480-221751-1	MW-7-1-071724	Total/NA	Water	RSK-175	
480-221751-2	MW-7-6-071724	Total/NA	Water	RSK-175	
480-221751-3	MW-7-5-071724	Total/NA	Water	RSK-175	
480-221751-4	MW-7-3-071724	Total/NA	Water	RSK-175	
MB 200-206848/5	Method Blank	Total/NA	Water	RSK-175	
LCS 200-206848/3	Lab Control Sample	Total/NA	Water	RSK-175	
LCSD 200-206848/4	Lab Control Sample Dup	Total/NA	Water	RSK-175	

Analysis Batch: 206961

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-221777-1	MW-8-003-B-071824	Total/NA	Water	RSK-175	
480-221777-2	MW-7-2-071824	Total/NA	Water	RSK-175	
480-221777-3	MW-7-C-2-071824	Total/NA	Water	RSK-175	
MB 200-206961/5	Method Blank	Total/NA	Water	RSK-175	
LCS 200-206961/3	Lab Control Sample	Total/NA	Water	RSK-175	
LCSD 200-206961/4	Lab Control Sample Dup	Total/NA	Water	RSK-175	
480-221777-1 MS	MW-8-003-B-071824	Total/NA	Water	RSK-175	
480-221777-1 MSD	MW-8-003-B-071824	Total/NA	Water	RSK-175	

Analysis Batch: 207013

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-221913-1	MW-10-3-072224	Total/NA	Water	RSK-175	
480-221913-2	MW-10-2-072224	Total/NA	Water	RSK-175	

GC VOA (Continued)

Analysis Batch: 207013 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-221913-3	DUPE-01-072224	Total/NA	Water	RSK-175	
480-221913-4	MW-7-7-072224	Total/NA	Water	RSK-175	
MB 200-207013/5	Method Blank	Total/NA	Water	RSK-175	
LCS 200-207013/3	Lab Control Sample	Total/NA	Water	RSK-175	
LCSD 200-207013/4	Lab Control Sample Dup	Total/NA	Water	RSK-175	

Analysis Batch: 207106

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-221958-1	MW-6-F-8-072324	Total/NA	Water	RSK-175	
480-221958-2	MW-8-4-072324	Total/NA	Water	RSK-175	
480-221958-3	MW-6-2-072324	Total/NA	Water	RSK-175	
480-222015-1	DUPE-02-072424	Total/NA	Water	RSK-175	
480-222015-2	BLDG-10-MW-1-072424	Total/NA	Water	RSK-175	
480-222015-3	MW-9-101-A-072424	Total/NA	Water	RSK-175	
480-222015-4	MW-7-8-072424	Total/NA	Water	RSK-175	
480-222055-1	MW-8-2-072524	Total/NA	Water	RSK-175	
480-222055-2	MW-8-1-072524	Total/NA	Water	RSK-175	
480-222107-1	MW-8-3-072624	Total/NA	Water	RSK-175	
MB 200-207106/5	Method Blank	Total/NA	Water	RSK-175	
LCS 200-207106/3	Lab Control Sample	Total/NA	Water	RSK-175	
LCSD 200-207106/4	Lab Control Sample Dup	Total/NA	Water	RSK-175	
480-222055-1 MS	MW-8-2-072524	Total/NA	Water	RSK-175	
480-222055-1 MSD	MW-8-2-072524	Total/NA	Water	RSK-175	

Analysis Batch: 207470

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-222217-1	MW-7-A-6-080124	Total/NA	Water	RSK-175	
480-222217-2	MW-9-12-080124	Total/NA	Water	RSK-175	
MB 200-207470/5	Method Blank	Total/NA	Water	RSK-175	
LCS 200-207470/3	Lab Control Sample	Total/NA	Water	RSK-175	
LCSD 200-207470/4	Lab Control Sample Dup	Total/NA	Water	RSK-175	

Analysis Batch: 718692

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-221700-1	MW-6-1-071624	Total/NA	Water	RSK-175	
480-221700-2	MW-7-P-1-071624	Total/NA	Water	RSK-175	
480-221700-2 - DL	MW-7-P-1-071624	Total/NA	Water	RSK-175	
480-221700-3	TK-6-071624	Total/NA	Water	RSK-175	
MB 480-718692/3	Method Blank	Total/NA	Water	RSK-175	
LCS 480-718692/4	Lab Control Sample	Total/NA	Water	RSK-175	
LCSD 480-718692/5	Lab Control Sample Dup	Total/NA	Water	RSK-175	

Analysis Batch: 718953

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-221751-1	MW-7-1-071724	Total/NA	Water	RSK-175	
480-221751-2	MW-7-6-071724	Total/NA	Water	RSK-175	
480-221751-3	MW-7-5-071724	Total/NA	Water	RSK-175	
480-221751-4	MW-7-3-071724	Total/NA	Water	RSK-175	
480-221777-1	MW-8-003-B-071824	Total/NA	Water	RSK-175	
480-221777-2	MW-7-2-071824	Total/NA	Water	RSK-175	
480-221777-3	MW-7-C-2-071824	Total/NA	Water	RSK-175	

GC VOA (Continued)

Analysis Batch: 718953 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-718953/4	Method Blank	Total/NA	Water	RSK-175	
LCS 480-718953/5	Lab Control Sample	Total/NA	Water	RSK-175	
480-221777-1 MS	MW-8-003-B-071824	Total/NA	Water	RSK-175	
480-221777-1 MSD	MW-8-003-B-071824	Total/NA	Water	RSK-175	

Analysis Batch: 719308

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-221913-1	MW-10-3-072224	Total/NA	Water	RSK-175	
480-221913-2	MW-10-2-072224	Total/NA	Water	RSK-175	
480-221913-3	DUPE-01-072224	Total/NA	Water	RSK-175	
480-221913-4	MW-7-7-072224	Total/NA	Water	RSK-175	
MB 480-719308/4	Method Blank	Total/NA	Water	RSK-175	
LCS 480-719308/5	Lab Control Sample	Total/NA	Water	RSK-175	
LCSD 480-719308/6	Lab Control Sample Dup	Total/NA	Water	RSK-175	

Analysis Batch: 719404

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-221958-1	MW-6-F-8-072324	Total/NA	Water	RSK-175	
480-221958-2	MW-8-4-072324	Total/NA	Water	RSK-175	
480-221958-3	MW-6-2-072324	Total/NA	Water	RSK-175	
MB 480-719404/3	Method Blank	Total/NA	Water	RSK-175	
LCS 480-719404/4	Lab Control Sample	Total/NA	Water	RSK-175	

Analysis Batch: 719644

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-222015-1	DUPE-02-072424	Total/NA	Water	RSK-175	
480-222015-2	BLDG-10-MW-1-072424	Total/NA	Water	RSK-175	
480-222015-3	MW-9-101-A-072424	Total/NA	Water	RSK-175	
480-222015-4	MW-7-8-072424	Total/NA	Water	RSK-175	
MB 480-719644/4	Method Blank	Total/NA	Water	RSK-175	
LCS 480-719644/5	Lab Control Sample	Total/NA	Water	RSK-175	
LCSD 480-719644/6	Lab Control Sample Dup	Total/NA	Water	RSK-175	

Analysis Batch: 719744

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-222055-1	MW-8-2-072524	Total/NA	Water	RSK-175	
480-222055-2	MW-8-1-072524	Total/NA	Water	RSK-175	
MB 480-719744/4	Method Blank	Total/NA	Water	RSK-175	
LCS 480-719744/5	Lab Control Sample	Total/NA	Water	RSK-175	
480-222055-1 MS	MW-8-2-072524	Total/NA	Water	RSK-175	
480-222055-1 MSD	MW-8-2-072524	Total/NA	Water	RSK-175	

Analysis Batch: 719942

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-222107-1	MW-8-3-072624	Total/NA	Water	RSK-175	
MB 480-719942/5	Method Blank	Total/NA	Water	RSK-175	
LCS 480-719942/6	Lab Control Sample	Total/NA	Water	RSK-175	
LCSD 480-719942/7	Lab Control Sample Dup	Total/NA	Water	RSK-175	

GC VOA

Analysis Batch: 720669

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-222217-1	MW-7-A-6-080124	Total/NA	Water	RSK-175	
480-222217-2	MW-9-12-080124	Total/NA	Water	RSK-175	
MB 480-720669/5	Method Blank	Total/NA	Water	RSK-175	
LCS 480-720669/6	Lab Control Sample	Total/NA	Water	RSK-175	

Metals

Prep Batch: 718773

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-221700-1	MW-6-1-071624	Total/NA	Water	3005A	
480-221700-2	MW-7-P-1-071624	Total/NA	Water	3005A	
480-221700-3	TK-6-071624	Total/NA	Water	3005A	
MB 480-718773/1-A	Method Blank	Total/NA	Water	3005A	
LCS 480-718773/2-A	Lab Control Sample	Total/NA	Water	3005A	

Analysis Batch: 718903

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-221700-1	MW-6-1-071624	Total/NA	Water	6010C	718773
480-221700-2	MW-7-P-1-071624	Total/NA	Water	6010C	718773
480-221700-3	TK-6-071624	Total/NA	Water	6010C	718773
MB 480-718773/1-A	Method Blank	Total/NA	Water	6010C	718773
LCS 480-718773/2-A	Lab Control Sample	Total/NA	Water	6010C	718773

Prep Batch: 718913

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-221751-1	MW-7-1-071724	Total/NA	Water	3005A	
480-221751-2	MW-7-6-071724	Total/NA	Water	3005A	
480-221751-3	MW-7-5-071724	Total/NA	Water	3005A	
480-221751-4	MW-7-3-071724	Total/NA	Water	3005A	
MB 480-718913/1-A	Method Blank	Total/NA	Water	3005A	
LCS 480-718913/2-A	Lab Control Sample	Total/NA	Water	3005A	

Prep Batch: 719012

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-221777-1	MW-8-003-B-071824	Total/NA	Water	3005A	
480-221777-2	MW-7-2-071824	Total/NA	Water	3005A	
480-221777-3	MW-7-C-2-071824	Total/NA	Water	3005A	
MB 480-719012/1-A	Method Blank	Total/NA	Water	3005A	
LCS 480-719012/2-A	Lab Control Sample	Total/NA	Water	3005A	
480-221777-1 MS	MW-8-003-B-071824	Total/NA	Water	3005A	
480-221777-1 MSD	MW-8-003-B-071824	Total/NA	Water	3005A	

Analysis Batch: 719020

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-221700-3	TK-6-071624	Total/NA	Water	6010C	718773

Analysis Batch: 719064

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-221751-1	MW-7-1-071724	Total/NA	Water	6010C	718913
480-221751-2	MW-7-6-071724	Total/NA	Water	6010C	718913
480-221751-3	MW-7-5-071724	Total/NA	Water	6010C	718913

Metals (Continued)

Analysis Batch: 719064 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-221751-4	MW-7-3-071724	Total/NA	Water	6010C	718913
MB 480-718913/1-A	Method Blank	Total/NA	Water	6010C	718913
LCS 480-718913/2-A	Lab Control Sample	Total/NA	Water	6010C	718913

Analysis Batch: 719178

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-221751-1	MW-7-1-071724	Total/NA	Water	6010C	718913
480-221751-2	MW-7-6-071724	Total/NA	Water	6010C	718913
480-221751-4	MW-7-3-071724	Total/NA	Water	6010C	718913

Analysis Batch: 719268

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-221777-1	MW-8-003-B-071824	Total/NA	Water	6010C	719012
480-221777-2	MW-7-2-071824	Total/NA	Water	6010C	719012
480-221777-3	MW-7-C-2-071824	Total/NA	Water	6010C	719012
MB 480-719012/1-A	Method Blank	Total/NA	Water	6010C	719012
LCS 480-719012/2-A	Lab Control Sample	Total/NA	Water	6010C	719012
480-221777-1 MS	MW-8-003-B-071824	Total/NA	Water	6010C	719012
480-221777-1 MSD	MW-8-003-B-071824	Total/NA	Water	6010C	719012

Prep Batch: 719348

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-221913-1	MW-10-3-072224	Total/NA	Water	3005A	
480-221913-2	MW-10-2-072224	Total/NA	Water	3005A	
480-221913-3	DUPE-01-072224	Total/NA	Water	3005A	
480-221913-4	MW-7-7-072224	Total/NA	Water	3005A	
MB 480-719348/1-A	Method Blank	Total/NA	Water	3005A	
LCS 480-719348/2-A	Lab Control Sample	Total/NA	Water	3005A	

Analysis Batch: 719371

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-221777-1	MW-8-003-B-071824	Total/NA	Water	6010C	719012
480-221777-1 MS	MW-8-003-B-071824	Total/NA	Water	6010C	719012
480-221777-1 MSD	MW-8-003-B-071824	Total/NA	Water	6010C	719012

Prep Batch: 719474

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-221958-1	MW-6-F-8-072324	Total/NA	Water	3005A	
480-221958-2	MW-8-4-072324	Total/NA	Water	3005A	
480-221958-3	MW-6-2-072324	Total/NA	Water	3005A	
MB 480-719474/1-A	Method Blank	Total/NA	Water	3005A	
LCS 480-719474/2-A	Lab Control Sample	Total/NA	Water	3005A	

Analysis Batch: 719604

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-221913-1	MW-10-3-072224	Total/NA	Water	6010C	719348
480-221913-2	MW-10-2-072224	Total/NA	Water	6010C	719348
480-221913-3	DUPE-01-072224	Total/NA	Water	6010C	719348
480-221913-4	MW-7-7-072224	Total/NA	Water	6010C	719348
MB 480-719348/1-A	Method Blank	Total/NA	Water	6010C	719348
LCS 480-719348/2-A	Lab Control Sample	Total/NA	Water	6010C	719348

Metals

Prep Batch: 719682

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-222015-1	DUPE-02-072424	Total/NA	Water	3005A	
480-222015-2	BLDG-10-MW-1-072424	Total/NA	Water	3005A	
480-222015-3	MW-9-101-A-072424	Total/NA	Water	3005A	
480-222015-4	MW-7-8-072424	Total/NA	Water	3005A	
MB 480-719682/1-A	Method Blank	Total/NA	Water	3005A	
LCS 480-719682/2-A	Lab Control Sample	Total/NA	Water	3005A	

Analysis Batch: 719700

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-221913-2	MW-10-2-072224	Total/NA	Water	6010C	719348
480-221913-3	DUPE-01-072224	Total/NA	Water	6010C	719348
480-221913-4	MW-7-7-072224	Total/NA	Water	6010C	719348

Analysis Batch: 719754

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-221958-1	MW-6-F-8-072324	Total/NA	Water	6010C	719474
480-221958-2	MW-8-4-072324	Total/NA	Water	6010C	719474
480-221958-3	MW-6-2-072324	Total/NA	Water	6010C	719474
MB 480-719474/1-A	Method Blank	Total/NA	Water	6010C	719474
LCS 480-719474/2-A	Lab Control Sample	Total/NA	Water	6010C	719474

Prep Batch: 719791

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-222055-1	MW-8-2-072524	Total/NA	Water	3005A	
480-222055-2	MW-8-1-072524	Total/NA	Water	3005A	
MB 480-719791/1-A	Method Blank	Total/NA	Water	3005A	
LCS 480-719791/2-A	Lab Control Sample	Total/NA	Water	3005A	
480-222055-1 MS	MW-8-2-072524	Total/NA	Water	3005A	
480-222055-1 MSD	MW-8-2-072524	Total/NA	Water	3005A	

Analysis Batch: 719838

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-221958-2	MW-8-4-072324	Total/NA	Water	6010C	719474
480-221958-3	MW-6-2-072324	Total/NA	Water	6010C	719474

Analysis Batch: 719940

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-222015-1	DUPE-02-072424	Total/NA	Water	6010C	719682
480-222015-2	BLDG-10-MW-1-072424	Total/NA	Water	6010C	719682
480-222015-3	MW-9-101-A-072424	Total/NA	Water	6010C	719682
480-222015-4	MW-7-8-072424	Total/NA	Water	6010C	719682
MB 480-719682/1-A	Method Blank	Total/NA	Water	6010C	719682
LCS 480-719682/2-A	Lab Control Sample	Total/NA	Water	6010C	719682

Analysis Batch: 719969

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-222015-3	MW-9-101-A-072424	Total/NA	Water	6010C	719682
480-222015-4	MW-7-8-072424	Total/NA	Water	6010C	719682

Metals

Prep Batch: 720007

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-222107-1	MW-8-3-072624	Total/NA	Water	3005A	
MB 480-720007/1-A	Method Blank	Total/NA	Water	3005A	
LCS 480-720007/2-A	Lab Control Sample	Total/NA	Water	3005A	

Analysis Batch: 720071

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-222055-1	MW-8-2-072524	Total/NA	Water	6010C	719791
480-222055-2	MW-8-1-072524	Total/NA	Water	6010C	719791
MB 480-719791/1-A	Method Blank	Total/NA	Water	6010C	719791
LCS 480-719791/2-A	Lab Control Sample	Total/NA	Water	6010C	719791
480-222055-1 MS	MW-8-2-072524	Total/NA	Water	6010C	719791
480-222055-1 MSD	MW-8-2-072524	Total/NA	Water	6010C	719791

Analysis Batch: 720134

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-222107-1	MW-8-3-072624	Total/NA	Water	6010C	720007
MB 480-720007/1-A	Method Blank	Total/NA	Water	6010C	720007
LCS 480-720007/2-A	Lab Control Sample	Total/NA	Water	6010C	720007

Prep Batch: 720447

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-222217-1	MW-7-A-6-080124	Total/NA	Water	3005A	
480-222217-2	MW-9-12-080124	Total/NA	Water	3005A	
MB 480-720447/1-A	Method Blank	Total/NA	Water	3005A	
LCS 480-720447/2-A	Lab Control Sample	Total/NA	Water	3005A	
480-222217-2 MS	MW-9-12-080124	Total/NA	Water	3005A	
480-222217-2 MSD	MW-9-12-080124	Total/NA	Water	3005A	

Analysis Batch: 720643

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-222217-1	MW-7-A-6-080124	Total/NA	Water	6010C	720447
480-222217-2	MW-9-12-080124	Total/NA	Water	6010C	720447
MB 480-720447/1-A	Method Blank	Total/NA	Water	6010C	720447
LCS 480-720447/2-A	Lab Control Sample	Total/NA	Water	6010C	720447
480-222217-2 MS	MW-9-12-080124	Total/NA	Water	6010C	720447
480-222217-2 MSD	MW-9-12-080124	Total/NA	Water	6010C	720447

General Chemistry

Analysis Batch: 718750

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-221700-1	MW-6-1-071624	Total/NA	Water	300.0	
480-221700-2	MW-7-P-1-071624	Total/NA	Water	300.0	
480-221700-3	TK-6-071624	Total/NA	Water	300.0	
MB 480-718750/28	Method Blank	Total/NA	Water	300.0	
LCS 480-718750/29	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 718763

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-221700-1	MW-6-1-071624	Total/NA	Water	350.1	
480-221700-2	MW-7-P-1-071624	Total/NA	Water	350.1	

General Chemistry (Continued)

Analysis Batch: 718763 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-221700-3	TK-6-071624	Total/NA	Water	350.1	
MB 480-718763/62	Method Blank	Total/NA	Water	350.1	
MB 480-718763/83	Method Blank	Total/NA	Water	350.1	
LCS 480-718763/63	Lab Control Sample	Total/NA	Water	350.1	
LCS 480-718763/84	Lab Control Sample	Total/NA	Water	350.1	
480-221700-3 MS	TK-6-071624	Total/NA	Water	350.1	
480-221700-3 MSD	TK-6-071624	Total/NA	Water	350.1	

Analysis Batch: 718787

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-221700-1	MW-6-1-071624	Total/NA	Water	353.2	
480-221700-2	MW-7-P-1-071624	Total/NA	Water	353.2	
480-221700-3	TK-6-071624	Total/NA	Water	353.2	
MB 480-718787/28	Method Blank	Total/NA	Water	353.2	
MB 480-718787/4	Method Blank	Total/NA	Water	353.2	
LCS 480-718787/29	Lab Control Sample	Total/NA	Water	353.2	
LCS 480-718787/5	Lab Control Sample	Total/NA	Water	353.2	

Analysis Batch: 718789

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-221700-1	MW-6-1-071624	Total/NA	Water	353.2	
480-221700-2	MW-7-P-1-071624	Total/NA	Water	353.2	
480-221700-3	TK-6-071624	Total/NA	Water	353.2	

Analysis Batch: 718790

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-221700-1	MW-6-1-071624	Total/NA	Water	353.2	

Analysis Batch: 718796

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-221700-2	MW-7-P-1-071624	Total/NA	Water	353.2	
480-221700-3	TK-6-071624	Total/NA	Water	353.2	
MB 480-718796/3	Method Blank	Total/NA	Water	353.2	
LCS 480-718796/4	Lab Control Sample	Total/NA	Water	353.2	

Analysis Batch: 718821

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-221700-1	MW-6-1-071624	Total/NA	Water	9060A	
480-221700-2	MW-7-P-1-071624	Total/NA	Water	9060A	
480-221700-3	TK-6-071624	Total/NA	Water	9060A	
MB 480-718821/4	Method Blank	Total/NA	Water	9060A	
LCS 480-718821/5	Lab Control Sample	Total/NA	Water	9060A	
480-221700-1 MS	MW-6-1-071624	Total/NA	Water	9060A	
480-221700-2 DU	MW-7-P-1-071624	Total/NA	Water	9060A	

Analysis Batch: 718912

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-221751-1	MW-7-1-071724	Total/NA	Water	353.2	
480-221751-2	MW-7-6-071724	Total/NA	Water	353.2	
480-221751-3	MW-7-5-071724	Total/NA	Water	353.2	
480-221751-4	MW-7-3-071724	Total/NA	Water	353.2	

General Chemistry (Continued)

Analysis Batch: 718912 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-718912/28	Method Blank	Total/NA	Water	353.2	
MB 480-718912/4	Method Blank	Total/NA	Water	353.2	
LCS 480-718912/29	Lab Control Sample	Total/NA	Water	353.2	
LCS 480-718912/5	Lab Control Sample	Total/NA	Water	353.2	

Analysis Batch: 718923

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-221751-1	MW-7-1-071724	Total/NA	Water	353.2	
480-221751-2	MW-7-6-071724	Total/NA	Water	353.2	
480-221751-3	MW-7-5-071724	Total/NA	Water	353.2	
480-221751-4	MW-7-3-071724	Total/NA	Water	353.2	

Analysis Batch: 718924

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-221751-4	MW-7-3-071724	Total/NA	Water	353.2	

Analysis Batch: 718933

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-221751-1	MW-7-1-071724	Total/NA	Water	353.2	
480-221751-2	MW-7-6-071724	Total/NA	Water	353.2	
480-221751-3	MW-7-5-071724	Total/NA	Water	353.2	
MB 480-718933/3	Method Blank	Total/NA	Water	353.2	
LCS 480-718933/4	Lab Control Sample	Total/NA	Water	353.2	

Analysis Batch: 719035

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-221751-1	MW-7-1-071724	Total/NA	Water	300.0	
480-221751-2	MW-7-6-071724	Total/NA	Water	300.0	
480-221751-3	MW-7-5-071724	Total/NA	Water	300.0	
480-221751-4	MW-7-3-071724	Total/NA	Water	300.0	
480-221777-1	MW-8-003-B-071824	Total/NA	Water	300.0	
480-221777-2	MW-7-2-071824	Total/NA	Water	300.0	
480-221777-3	MW-7-C-2-071824	Total/NA	Water	300.0	
MB 480-719035/28	Method Blank	Total/NA	Water	300.0	
MB 480-719035/4	Method Blank	Total/NA	Water	300.0	
LCS 480-719035/29	Lab Control Sample	Total/NA	Water	300.0	
LCS 480-719035/5	Lab Control Sample	Total/NA	Water	300.0	
480-221777-1 MS	MW-8-003-B-071824	Total/NA	Water	300.0	
480-221777-1 MSD	MW-8-003-B-071824	Total/NA	Water	300.0	

Analysis Batch: 719169

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-221700-1	MW-6-1-071624	Total/NA	Water	SM 2320B	
480-221700-2	MW-7-P-1-071624	Total/NA	Water	SM 2320B	
480-221700-3	TK-6-071624	Total/NA	Water	SM 2320B	
480-221751-1	MW-7-1-071724	Total/NA	Water	SM 2320B	
480-221751-2	MW-7-6-071724	Total/NA	Water	SM 2320B	
480-221751-3	MW-7-5-071724	Total/NA	Water	SM 2320B	
480-221751-4	MW-7-3-071724	Total/NA	Water	SM 2320B	
480-221777-1	MW-8-003-B-071824	Total/NA	Water	SM 2320B	
480-221777-2	MW-7-2-071824	Total/NA	Water	SM 2320B	

General Chemistry (Continued)

Analysis Batch: 719169 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-221777-3	MW-7-C-2-071824	Total/NA	Water	SM 2320B	
MB 480-719169/28	Method Blank	Total/NA	Water	SM 2320B	
MB 480-719169/52	Method Blank	Total/NA	Water	SM 2320B	
MB 480-719169/76	Method Blank	Total/NA	Water	SM 2320B	
LCS 480-719169/29	Lab Control Sample	Total/NA	Water	SM 2320B	
LCS 480-719169/53	Lab Control Sample	Total/NA	Water	SM 2320B	
LCS 480-719169/77	Lab Control Sample	Total/NA	Water	SM 2320B	
480-221777-1 MS	MW-8-003-B-071824	Total/NA	Water	SM 2320B	
480-221777-1 MSD	MW-8-003-B-071824	Total/NA	Water	SM 2320B	
480-221777-3 MS	MW-7-C-2-071824	Total/NA	Water	SM 2320B	
480-221777-2 DU	MW-7-2-071824	Total/NA	Water	SM 2320B	

Analysis Batch: 719373

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-221751-1	MW-7-1-071724	Total/NA	Water	350.1	
480-221751-2	MW-7-6-071724	Total/NA	Water	350.1	
480-221751-3	MW-7-5-071724	Total/NA	Water	350.1	
480-221751-4	MW-7-3-071724	Total/NA	Water	350.1	
480-221777-1	MW-8-003-B-071824	Total/NA	Water	350.1	
480-221777-2	MW-7-2-071824	Total/NA	Water	350.1	
480-221777-3	MW-7-C-2-071824	Total/NA	Water	350.1	
MB 480-719373/26	Method Blank	Total/NA	Water	350.1	
MB 480-719373/5	Method Blank	Total/NA	Water	350.1	
LCS 480-719373/27	Lab Control Sample	Total/NA	Water	350.1	
LCS 480-719373/6	Lab Control Sample	Total/NA	Water	350.1	
480-221751-3 MS	MW-7-5-071724	Total/NA	Water	350.1	
480-221777-1 MS	MW-8-003-B-071824	Total/NA	Water	350.1	
480-221777-1 MSD	MW-8-003-B-071824	Total/NA	Water	350.1	

Analysis Batch: 719374

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-221913-1	MW-10-3-072224	Total/NA	Water	353.2	
480-221913-2	MW-10-2-072224	Total/NA	Water	353.2	
480-221913-3	DUPE-01-072224	Total/NA	Water	353.2	
480-221913-4	MW-7-7-072224	Total/NA	Water	353.2	
MB 480-719374/4	Method Blank	Total/NA	Water	353.2	
LCS 480-719374/5	Lab Control Sample	Total/NA	Water	353.2	

Analysis Batch: 719376

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-221913-1	MW-10-3-072224	Total/NA	Water	353.2	
480-221913-2	MW-10-2-072224	Total/NA	Water	353.2	
480-221913-3	DUPE-01-072224	Total/NA	Water	353.2	
480-221913-4	MW-7-7-072224	Total/NA	Water	353.2	

Analysis Batch: 719378

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-221913-2	MW-10-2-072224	Total/NA	Water	353.2	
480-221913-3	DUPE-01-072224	Total/NA	Water	353.2	
480-221913-4	MW-7-7-072224	Total/NA	Water	353.2	

General Chemistry

Analysis Batch: 719390

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-221700-1	MW-6-1-071624	Total/NA	Water	SM 4500 S2 F	
480-221700-2	MW-7-P-1-071624	Total/NA	Water	SM 4500 S2 F	
480-221700-3	TK-6-071624	Total/NA	Water	SM 4500 S2 F	
MB 480-719390/3	Method Blank	Total/NA	Water	SM 4500 S2 F	
LCS 480-719390/4	Lab Control Sample	Total/NA	Water	SM 4500 S2 F	
480-221700-2 MS	MW-7-P-1-071624	Total/NA	Water	SM 4500 S2 F	
480-221700-1 DU	MW-6-1-071624	Total/NA	Water	SM 4500 S2 F	

Analysis Batch: 719395

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-221913-1	MW-10-3-072224	Total/NA	Water	353.2	
MB 480-719395/3	Method Blank	Total/NA	Water	353.2	
LCS 480-719395/4	Lab Control Sample	Total/NA	Water	353.2	

Analysis Batch: 719496

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-221913-1	MW-10-3-072224	Total/NA	Water	300.0	
480-221913-2	MW-10-2-072224	Total/NA	Water	300.0	
480-221913-3	DUPE-01-072224	Total/NA	Water	300.0	
MB 480-719496/28	Method Blank	Total/NA	Water	300.0	
LCS 480-719496/29	Lab Control Sample	Total/NA	Water	300.0	
480-221913-3 MS	DUPE-01-072224	Total/NA	Water	300.0	

Analysis Batch: 719534

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-221751-1	MW-7-1-071724	Total/NA	Water	SM 4500 S2 F	
480-221751-2	MW-7-6-071724	Total/NA	Water	SM 4500 S2 F	
480-221751-3	MW-7-5-071724	Total/NA	Water	SM 4500 S2 F	
480-221751-4	MW-7-3-071724	Total/NA	Water	SM 4500 S2 F	
MB 480-719534/3	Method Blank	Total/NA	Water	SM 4500 S2 F	
LCS 480-719534/4	Lab Control Sample	Total/NA	Water	SM 4500 S2 F	
480-221751-2 DU	MW-7-6-071724	Total/NA	Water	SM 4500 S2 F	

Analysis Batch: 719553

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-221777-1	MW-8-003-B-071824	Total/NA	Water	353.2	
480-221777-2	MW-7-2-071824	Total/NA	Water	353.2	
480-221777-3	MW-7-C-2-071824	Total/NA	Water	353.2	
480-221958-1	MW-6-F-8-072324	Total/NA	Water	353.2	
480-221958-2	MW-8-4-072324	Total/NA	Water	353.2	
480-221958-3	MW-6-2-072324	Total/NA	Water	353.2	
MB 480-719553/100	Method Blank	Total/NA	Water	353.2	
MB 480-719553/28	Method Blank	Total/NA	Water	353.2	
MB 480-719553/4	Method Blank	Total/NA	Water	353.2	
MB 480-719553/52	Method Blank	Total/NA	Water	353.2	
LCS 480-719553/101	Lab Control Sample	Total/NA	Water	353.2	
LCS 480-719553/29	Lab Control Sample	Total/NA	Water	353.2	
LCS 480-719553/5	Lab Control Sample	Total/NA	Water	353.2	
LCS 480-719553/53	Lab Control Sample	Total/NA	Water	353.2	
480-221777-1 MS	MW-8-003-B-071824	Total/NA	Water	353.2	
480-221777-1 MSD	MW-8-003-B-071824	Total/NA	Water	353.2	

General Chemistry

Analysis Batch: 719555

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-221777-1	MW-8-003-B-071824	Total/NA	Water	353.2	
480-221777-2	MW-7-2-071824	Total/NA	Water	353.2	
480-221777-3	MW-7-C-2-071824	Total/NA	Water	353.2	
480-221958-1	MW-6-F-8-072324	Total/NA	Water	353.2	
480-221958-2	MW-8-4-072324	Total/NA	Water	353.2	
480-221958-3	MW-6-2-072324	Total/NA	Water	353.2	

Analysis Batch: 719557

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-221777-2	MW-7-2-071824	Total/NA	Water	353.2	
480-221777-3	MW-7-C-2-071824	Total/NA	Water	353.2	
480-221958-1	MW-6-F-8-072324	Total/NA	Water	353.2	
480-221958-2	MW-8-4-072324	Total/NA	Water	353.2	

Analysis Batch: 719559

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-221777-1	MW-8-003-B-071824	Total/NA	Water	353.2	
MB 480-719559/27	Method Blank	Total/NA	Water	353.2	
MB 480-719559/3	Method Blank	Total/NA	Water	353.2	
LCS 480-719559/28	Lab Control Sample	Total/NA	Water	353.2	
LCS 480-719559/4	Lab Control Sample	Total/NA	Water	353.2	
480-221777-1 MS	MW-8-003-B-071824	Total/NA	Water	353.2	
480-221777-1 MSD	MW-8-003-B-071824	Total/NA	Water	353.2	

Analysis Batch: 719607

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-221751-1	MW-7-1-071724	Total/NA	Water	9060A	
480-221751-2	MW-7-6-071724	Total/NA	Water	9060A	
480-221751-3	MW-7-5-071724	Total/NA	Water	9060A	
480-221751-4	MW-7-3-071724	Total/NA	Water	9060A	
480-221777-1	MW-8-003-B-071824	Total/NA	Water	9060A	
480-221777-2	MW-7-2-071824	Total/NA	Water	9060A	
480-221777-3	MW-7-C-2-071824	Total/NA	Water	9060A	
MB 480-719607/28	Method Blank	Total/NA	Water	9060A	
MB 480-719607/4	Method Blank	Total/NA	Water	9060A	
MB 480-719607/52	Method Blank	Total/NA	Water	9060A	
LCS 480-719607/29	Lab Control Sample	Total/NA	Water	9060A	
LCS 480-719607/5	Lab Control Sample	Total/NA	Water	9060A	
LCS 480-719607/53	Lab Control Sample	Total/NA	Water	9060A	
480-221777-1 MS	MW-8-003-B-071824	Total/NA	Water	9060A	
480-221777-1 MSD	MW-8-003-B-071824	Total/NA	Water	9060A	

Analysis Batch: 719705

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-221777-1	MW-8-003-B-071824	Total/NA	Water	SM 4500 S2 F	
480-221777-2	MW-7-2-071824	Total/NA	Water	SM 4500 S2 F	
480-221777-3	MW-7-C-2-071824	Total/NA	Water	SM 4500 S2 F	
MB 480-719705/3	Method Blank	Total/NA	Water	SM 4500 S2 F	
LCS 480-719705/4	Lab Control Sample	Total/NA	Water	SM 4500 S2 F	
480-221777-1 MS	MW-8-003-B-071824	Total/NA	Water	SM 4500 S2 F	
480-221777-1 MSD	MW-8-003-B-071824	Total/NA	Water	SM 4500 S2 F	

General Chemistry

Analysis Batch: 719721

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-222015-1	DUPE-02-072424	Total/NA	Water	353.2	
480-222015-2	BLDG-10-MW-1-072424	Total/NA	Water	353.2	
480-222015-3	MW-9-101-A-072424	Total/NA	Water	353.2	
480-222015-4	MW-7-8-072424	Total/NA	Water	353.2	
MB 480-719721/52	Method Blank	Total/NA	Water	353.2	
LCS 480-719721/53	Lab Control Sample	Total/NA	Water	353.2	

Analysis Batch: 719723

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-221958-3	MW-6-2-072324	Total/NA	Water	353.2	
MB 480-719723/3	Method Blank	Total/NA	Water	353.2	
LCS 480-719723/4	Lab Control Sample	Total/NA	Water	353.2	
480-221958-3 MS	MW-6-2-072324	Total/NA	Water	353.2	
480-221958-3 DU	MW-6-2-072324	Total/NA	Water	353.2	

Analysis Batch: 719724

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-222015-1	DUPE-02-072424	Total/NA	Water	353.2	
480-222015-2	BLDG-10-MW-1-072424	Total/NA	Water	353.2	
480-222015-3	MW-9-101-A-072424	Total/NA	Water	353.2	
480-222015-4	MW-7-8-072424	Total/NA	Water	353.2	

Analysis Batch: 719726

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-222015-1	DUPE-02-072424	Total/NA	Water	353.2	
480-222015-2	BLDG-10-MW-1-072424	Total/NA	Water	353.2	
480-222015-4	MW-7-8-072424	Total/NA	Water	353.2	

Analysis Batch: 719728

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-222015-3	MW-9-101-A-072424	Total/NA	Water	353.2	
MB 480-719728/27	Method Blank	Total/NA	Water	353.2	
LCS 480-719728/28	Lab Control Sample	Total/NA	Water	353.2	

Analysis Batch: 719800

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-222015-1	DUPE-02-072424	Total/NA	Water	300.0	
480-222015-2	BLDG-10-MW-1-072424	Total/NA	Water	300.0	
480-222015-3	MW-9-101-A-072424	Total/NA	Water	300.0	
480-222015-4	MW-7-8-072424	Total/NA	Water	300.0	
MB 480-719800/28	Method Blank	Total/NA	Water	300.0	
MB 480-719800/4	Method Blank	Total/NA	Water	300.0	
LCS 480-719800/29	Lab Control Sample	Total/NA	Water	300.0	
LCS 480-719800/5	Lab Control Sample	Total/NA	Water	300.0	
480-222015-2 MS	BLDG-10-MW-1-072424	Total/NA	Water	300.0	

Analysis Batch: 719805

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-221913-3	DUPE-01-072224	Total/NA	Water	SM 2320B	
480-221913-4	MW-7-7-072224	Total/NA	Water	SM 2320B	
480-221958-1	MW-6-F-8-072324	Total/NA	Water	SM 2320B	

General Chemistry (Continued)

Analysis Batch: 719805 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-221958-2	MW-8-4-072324	Total/NA	Water	SM 2320B	
480-221958-3	MW-6-2-072324	Total/NA	Water	SM 2320B	
480-222015-1	DUPE-02-072424	Total/NA	Water	SM 2320B	
480-222015-2	BLDG-10-MW-1-072424	Total/NA	Water	SM 2320B	
480-222015-3	MW-9-101-A-072424	Total/NA	Water	SM 2320B	
480-222015-4	MW-7-8-072424	Total/NA	Water	SM 2320B	
MB 480-719805/28	Method Blank	Total/NA	Water	SM 2320B	
LCS 480-719805/29	Lab Control Sample	Total/NA	Water	SM 2320B	

Analysis Batch: 719846

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-222055-1	MW-8-2-072524	Total/NA	Water	353.2	
480-222055-2	MW-8-1-072524	Total/NA	Water	353.2	
MB 480-719846/28	Method Blank	Total/NA	Water	353.2	
MB 480-719846/4	Method Blank	Total/NA	Water	353.2	
LCS 480-719846/29	Lab Control Sample	Total/NA	Water	353.2	
LCS 480-719846/5	Lab Control Sample	Total/NA	Water	353.2	
480-222055-1 MS	MW-8-2-072524	Total/NA	Water	353.2	
480-222055-1 MSD	MW-8-2-072524	Total/NA	Water	353.2	

Analysis Batch: 719854

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-222055-1	MW-8-2-072524	Total/NA	Water	353.2	
480-222055-2	MW-8-1-072524	Total/NA	Water	353.2	

Analysis Batch: 719856

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-222055-2	MW-8-1-072524	Total/NA	Water	353.2	

Analysis Batch: 719863

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-222055-1	MW-8-2-072524	Total/NA	Water	353.2	
MB 480-719863/27	Method Blank	Total/NA	Water	353.2	
LCS 480-719863/28	Lab Control Sample	Total/NA	Water	353.2	
480-222055-1 MS	MW-8-2-072524	Total/NA	Water	353.2	
480-222055-1 MSD	MW-8-2-072524	Total/NA	Water	353.2	

Analysis Batch: 719883

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-221913-1	MW-10-3-072224	Total/NA	Water	SM 4500 S2 F	
480-221913-2	MW-10-2-072224	Total/NA	Water	SM 4500 S2 F	
480-221913-3	DUPE-01-072224	Total/NA	Water	SM 4500 S2 F	
480-221913-4	MW-7-7-072224	Total/NA	Water	SM 4500 S2 F	
480-221958-1	MW-6-F-8-072324	Total/NA	Water	SM 4500 S2 F	
480-221958-2	MW-8-4-072324	Total/NA	Water	SM 4500 S2 F	
480-221958-3	MW-6-2-072324	Total/NA	Water	SM 4500 S2 F	
MB 480-719883/3	Method Blank	Total/NA	Water	SM 4500 S2 F	
LCS 480-719883/4	Lab Control Sample	Total/NA	Water	SM 4500 S2 F	
480-221913-1 MS	MW-10-3-072224	Total/NA	Water	SM 4500 S2 F	
480-221913-2 DU	MW-10-2-072224	Total/NA	Water	SM 4500 S2 F	
480-221958-3 DU	MW-6-2-072324	Total/NA	Water	SM 4500 S2 F	

General Chemistry

Analysis Batch: 719971

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-221913-4	MW-7-7-072224	Total/NA	Water	300.0	
480-221958-1	MW-6-F-8-072324	Total/NA	Water	300.0	
480-221958-2	MW-8-4-072324	Total/NA	Water	300.0	
480-221958-3	MW-6-2-072324	Total/NA	Water	300.0	
MB 480-719971/4	Method Blank	Total/NA	Water	300.0	
LCS 480-719971/5	Lab Control Sample	Total/NA	Water	300.0	
480-221958-1 MS	MW-6-F-8-072324	Total/NA	Water	300.0	
480-221958-1 MSD	MW-6-F-8-072324	Total/NA	Water	300.0	

Analysis Batch: 720091

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-222055-2	MW-8-1-072524	Total/NA	Water	SM 2320B	
480-222107-1	MW-8-3-072624	Total/NA	Water	SM 2320B	
MB 480-720091/28	Method Blank	Total/NA	Water	SM 2320B	
LCS 480-720091/29	Lab Control Sample	Total/NA	Water	SM 2320B	

Analysis Batch: 720097

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-222015-1	DUPE-02-072424	Total/NA	Water	SM 4500 S2 F	
480-222015-2	BLDG-10-MW-1-072424	Total/NA	Water	SM 4500 S2 F	
480-222015-3	MW-9-101-A-072424	Total/NA	Water	SM 4500 S2 F	
480-222015-4	MW-7-8-072424	Total/NA	Water	SM 4500 S2 F	
480-222055-1	MW-8-2-072524	Total/NA	Water	SM 4500 S2 F	
MB 480-720097/3	Method Blank	Total/NA	Water	SM 4500 S2 F	
LCS 480-720097/4	Lab Control Sample	Total/NA	Water	SM 4500 S2 F	
480-222055-1 MS	MW-8-2-072524	Total/NA	Water	SM 4500 S2 F	
480-222055-1 MSD	MW-8-2-072524	Total/NA	Water	SM 4500 S2 F	

Analysis Batch: 720111

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-222055-1	MW-8-2-072524	Total/NA	Water	300.0	
480-222055-2	MW-8-1-072524	Total/NA	Water	300.0	
MB 480-720111/4	Method Blank	Total/NA	Water	300.0	
LCS 480-720111/5	Lab Control Sample	Total/NA	Water	300.0	
480-222055-1 MS	MW-8-2-072524	Total/NA	Water	300.0	
480-222055-1 MSD	MW-8-2-072524	Total/NA	Water	300.0	

Analysis Batch: 720116

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-222107-1	MW-8-3-072624	Total/NA	Water	300.0	
MB 480-720116/28	Method Blank	Total/NA	Water	300.0	
LCS 480-720116/29	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 720158

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-222107-1	MW-8-3-072624	Total/NA	Water	353.2	
MB 480-720158/4	Method Blank	Total/NA	Water	353.2	
LCS 480-720158/5	Lab Control Sample	Total/NA	Water	353.2	

General Chemistry

Analysis Batch: 720163

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-222107-1	MW-8-3-072624	Total/NA	Water	353.2	

Analysis Batch: 720165

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-222107-1	MW-8-3-072624	Total/NA	Water	353.2	
MB 480-720165/3	Method Blank	Total/NA	Water	353.2	
LCS 480-720165/4	Lab Control Sample	Total/NA	Water	353.2	
480-222107-1 MS	MW-8-3-072624	Total/NA	Water	353.2	
480-222107-1 DU	MW-8-3-072624	Total/NA	Water	353.2	

Analysis Batch: 720192

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-221913-1	MW-10-3-072224	Total/NA	Water	SM 2320B	
480-221913-2	MW-10-2-072224	Total/NA	Water	SM 2320B	
MB 480-720192/24	Method Blank	Total/NA	Water	SM 2320B	
MB 480-720192/29	Method Blank	Total/NA	Water	SM 2320B	
MB 480-720192/5	Method Blank	Total/NA	Water	SM 2320B	
LCS 480-720192/25	Lab Control Sample	Total/NA	Water	SM 2320B	
LCS 480-720192/6	Lab Control Sample	Total/NA	Water	SM 2320B	

Analysis Batch: 720251

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-222015-1	DUPE-02-072424	Total/NA	Water	350.1	
480-222015-2	BLDG-10-MW-1-072424	Total/NA	Water	350.1	
480-222015-3	MW-9-101-A-072424	Total/NA	Water	350.1	
480-222015-4	MW-7-8-072424	Total/NA	Water	350.1	
MB 480-720251/42	Method Blank	Total/NA	Water	350.1	
LCS 480-720251/43	Lab Control Sample	Total/NA	Water	350.1	

Analysis Batch: 720404

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-221913-1	MW-10-3-072224	Total/NA	Water	350.1	
480-221913-2	MW-10-2-072224	Total/NA	Water	350.1	
480-221913-3	DUPE-01-072224	Total/NA	Water	350.1	
480-221913-4	MW-7-7-072224	Total/NA	Water	350.1	
480-221958-1	MW-6-F-8-072324	Total/NA	Water	350.1	
480-221958-2	MW-8-4-072324	Total/NA	Water	350.1	
480-221958-3	MW-6-2-072324	Total/NA	Water	350.1	
MB 480-720404/27	Method Blank	Total/NA	Water	350.1	
MB 480-720404/46	Method Blank	Total/NA	Water	350.1	
MB 480-720404/5	Method Blank	Total/NA	Water	350.1	
MB 480-720404/83	Method Blank	Total/NA	Water	350.1	
LCS 480-720404/17	Lab Control Sample	Total/NA	Water	350.1	
LCS 480-720404/28	Lab Control Sample	Total/NA	Water	350.1	
LCS 480-720404/47	Lab Control Sample	Total/NA	Water	350.1	
LCS 480-720404/84	Lab Control Sample	Total/NA	Water	350.1	
480-221913-2 MS	MW-10-2-072224	Total/NA	Water	350.1	
480-221913-2 MSD	MW-10-2-072224	Total/NA	Water	350.1	

General Chemistry

Analysis Batch: 720418

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-222055-1	MW-8-2-072524	Total/NA	Water	350.1	
480-222055-2	MW-8-1-072524	Total/NA	Water	350.1	
MB 480-720418/62	Method Blank	Total/NA	Water	350.1	
LCS 480-720418/63	Lab Control Sample	Total/NA	Water	350.1	
480-222055-1 MS	MW-8-2-072524	Total/NA	Water	350.1	
480-222055-1 MSD	MW-8-2-072524	Total/NA	Water	350.1	

Analysis Batch: 720440

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-222055-1	MW-8-2-072524	Total/NA	Water	SM 2320B	
MB 480-720440/27	Method Blank	Total/NA	Water	SM 2320B	
MB 480-720440/3	Method Blank	Total/NA	Water	SM 2320B	
LCS 480-720440/28	Lab Control Sample	Total/NA	Water	SM 2320B	
LCS 480-720440/4	Lab Control Sample	Total/NA	Water	SM 2320B	
480-222055-1 MS	MW-8-2-072524	Total/NA	Water	SM 2320B	
480-222055-1 MSD	MW-8-2-072524	Total/NA	Water	SM 2320B	

Analysis Batch: 720484

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-221913-1	MW-10-3-072224	Total/NA	Water	9060A	
480-221913-2	MW-10-2-072224	Total/NA	Water	9060A	
480-221913-3	DUPE-01-072224	Total/NA	Water	9060A	
480-221958-1	MW-6-F-8-072324	Total/NA	Water	9060A	
480-221958-2	MW-8-4-072324	Total/NA	Water	9060A	
480-221958-3	MW-6-2-072324	Total/NA	Water	9060A	
480-222015-1	DUPE-02-072424	Total/NA	Water	9060A	
480-222015-2	BLDG-10-MW-1-072424	Total/NA	Water	9060A	
480-222015-3	MW-9-101-A-072424	Total/NA	Water	9060A	
480-222015-4	MW-7-8-072424	Total/NA	Water	9060A	
MB 480-720484/28	Method Blank	Total/NA	Water	9060A	
MB 480-720484/4	Method Blank	Total/NA	Water	9060A	
LCS 480-720484/29	Lab Control Sample	Total/NA	Water	9060A	
LCS 480-720484/5	Lab Control Sample	Total/NA	Water	9060A	
480-221913-3 DU	DUPE-01-072224	Total/NA	Water	9060A	

Analysis Batch: 720516

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-222055-2	MW-8-1-072524	Total/NA	Water	SM 4500 S2 F	
MB 480-720516/3	Method Blank	Total/NA	Water	SM 4500 S2 F	
LCS 480-720516/4	Lab Control Sample	Total/NA	Water	SM 4500 S2 F	

Analysis Batch: 720537

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-222107-1	MW-8-3-072624	Total/NA	Water	350.1	
MB 480-720537/47	Method Blank	Total/NA	Water	350.1	
MB 480-720537/62	Method Blank	Total/NA	Water	350.1	
MB 480-720537/78	Method Blank	Total/NA	Water	350.1	
LCS 480-720537/48	Lab Control Sample	Total/NA	Water	350.1	
LCS 480-720537/63	Lab Control Sample	Total/NA	Water	350.1	
LCS 480-720537/79	Lab Control Sample	Total/NA	Water	350.1	

General Chemistry

Analysis Batch: 720566

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-222107-1	MW-8-3-072624	Total/NA	Water	SM 4500 S2 F	
MB 480-720566/3	Method Blank	Total/NA	Water	SM 4500 S2 F	
LCS 480-720566/4	Lab Control Sample	Total/NA	Water	SM 4500 S2 F	
480-222107-1 DU	MW-8-3-072624	Total/NA	Water	SM 4500 S2 F	

Analysis Batch: 720581

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-222217-1	MW-7-A-6-080124	Total/NA	Water	353.2	
480-222217-2	MW-9-12-080124	Total/NA	Water	353.2	
MB 480-720581/5	Method Blank	Total/NA	Water	353.2	
LCS 480-720581/6	Lab Control Sample	Total/NA	Water	353.2	
480-222217-2 MS	MW-9-12-080124	Total/NA	Water	353.2	

Analysis Batch: 720582

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-222217-1	MW-7-A-6-080124	Total/NA	Water	353.2	
480-222217-2	MW-9-12-080124	Total/NA	Water	353.2	
MB 480-720582/7	Method Blank	Total/NA	Water	353.2	
LCS 480-720582/8	Lab Control Sample	Total/NA	Water	353.2	
480-222217-2 MS	MW-9-12-080124	Total/NA	Water	353.2	

Analysis Batch: 720586

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-222217-1	MW-7-A-6-080124	Total/NA	Water	353.2	
480-222217-2	MW-9-12-080124	Total/NA	Water	353.2	

Analysis Batch: 720644

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-221913-4	MW-7-7-072224	Total/NA	Water	9060A	
MB 480-720644/4	Method Blank	Total/NA	Water	9060A	
LCS 480-720644/5	Lab Control Sample	Total/NA	Water	9060A	

Analysis Batch: 720645

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-222055-1	MW-8-2-072524	Total/NA	Water	9060A	
480-222107-1	MW-8-3-072624	Total/NA	Water	9060A	
MB 480-720645/28	Method Blank	Total/NA	Water	9060A	
MB 480-720645/4	Method Blank	Total/NA	Water	9060A	
MB 480-720645/52	Method Blank	Total/NA	Water	9060A	
LCS 480-720645/29	Lab Control Sample	Total/NA	Water	9060A	
LCS 480-720645/5	Lab Control Sample	Total/NA	Water	9060A	
LCS 480-720645/53	Lab Control Sample	Total/NA	Water	9060A	
480-222055-1 MS	MW-8-2-072524	Total/NA	Water	9060A	
480-222055-1 MSD	MW-8-2-072524	Total/NA	Water	9060A	

Analysis Batch: 720776

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-222217-1	MW-7-A-6-080124	Total/NA	Water	SM 2320B	
480-222217-2	MW-9-12-080124	Total/NA	Water	SM 2320B	
MB 480-720776/28	Method Blank	Total/NA	Water	SM 2320B	
LCS 480-720776/29	Lab Control Sample	Total/NA	Water	SM 2320B	

General Chemistry

Analysis Batch: 720805

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-222055-2	MW-8-1-072524	Total/NA	Water	9060A	
MB 480-720805/28	Method Blank	Total/NA	Water	9060A	
LCS 480-720805/29	Lab Control Sample	Total/NA	Water	9060A	

Analysis Batch: 720835

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-222217-1	MW-7-A-6-080124	Total/NA	Water	SM 4500 S2 F	
480-222217-2	MW-9-12-080124	Total/NA	Water	SM 4500 S2 F	

Analysis Batch: 720896

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-222217-1	MW-7-A-6-080124	Total/NA	Water	350.1	
480-222217-2	MW-9-12-080124	Total/NA	Water	350.1	
MB 480-720896/25	Method Blank	Total/NA	Water	350.1	
LCS 480-720896/26	Lab Control Sample	Total/NA	Water	350.1	

Analysis Batch: 720906

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-222217-1	MW-7-A-6-080124	Total/NA	Water	300.0	
480-222217-2	MW-9-12-080124	Total/NA	Water	300.0	
MB 480-720906/4	Method Blank	Total/NA	Water	300.0	
LCS 480-720906/5	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 721021

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-222217-1	MW-7-A-6-080124	Total/NA	Water	9060A	
480-222217-2	MW-9-12-080124	Total/NA	Water	9060A	
MB 480-721021/28	Method Blank	Total/NA	Water	9060A	
LCS 480-721021/29	Lab Control Sample	Total/NA	Water	9060A	

Lab Chronicle

Client: GHD Services Inc.
Project/Site: 12616852, GM Lockport 256043

Job ID: 480-221700-1
SDG: BCP

Client Sample ID: MW-6-1-071624

Lab Sample ID: 480-221700-1
Matrix: Water
Date Collected: 07/16/24 11:15
Date Received: 07/16/24 15:46

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	718693	ERS	EET BUF	07/17/24 14:44
Total/NA	Analysis	RSK-175		1	206848	RMG	EET BUR	07/26/24 14:29
Total/NA	Analysis	RSK-175		1	718692	MAN	EET BUF	07/17/24 13:30
Total/NA	Prep	3005A			718773	ET	EET BUF	07/17/24 08:37
Total/NA	Analysis	6010C		1	718903	NZG	EET BUF	07/18/24 14:03
Total/NA	Analysis	300.0		10	718750	AF	EET BUF	07/18/24 20:36
Total/NA	Analysis	350.1		1	718763	AM	EET BUF	07/17/24 13:35
Total/NA	Analysis	353.2		1	718787	KB	EET BUF	07/17/24 16:38
Total/NA	Analysis	353.2		1	718789	KB	EET BUF	07/17/24 16:38
Total/NA	Analysis	353.2		1	718790	KB	EET BUF	07/17/24 16:38
Total/NA	Analysis	9060A		1	718821	AF	EET BUF	07/17/24 15:44
Total/NA	Analysis	SM 2320B		1	719169	KB	EET BUF	07/21/24 10:25
Total/NA	Analysis	SM 4500 S2 F		1	719390	AM	EET BUF	07/23/24 17:15

Client Sample ID: MW-7-P-1-071624

Lab Sample ID: 480-221700-2
Matrix: Water
Date Collected: 07/16/24 13:00
Date Received: 07/16/24 15:46

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		2	718693	ERS	EET BUF	07/17/24 15:08
Total/NA	Analysis	RSK-175		1	206848	RMG	EET BUR	07/26/24 14:40
Total/NA	Analysis	RSK-175		1	718692	MAN	EET BUF	07/17/24 13:49
Total/NA	Analysis	RSK-175	DL	22	718692	MAN	EET BUF	07/17/24 14:29
Total/NA	Prep	3005A			718773	ET	EET BUF	07/17/24 08:37
Total/NA	Analysis	6010C		1	718903	NZG	EET BUF	07/18/24 14:05
Total/NA	Analysis	300.0		50	718750	AF	EET BUF	07/18/24 20:51
Total/NA	Analysis	350.1		10	718763	AM	EET BUF	07/17/24 14:30
Total/NA	Analysis	353.2		1	718787	KB	EET BUF	07/17/24 16:39
Total/NA	Analysis	353.2		1	718796	KB	EET BUF	07/17/24 17:18
Total/NA	Analysis	353.2		1	718789	KB	EET BUF	07/17/24 17:18
Total/NA	Analysis	9060A		1	718821	AF	EET BUF	07/17/24 16:40
Total/NA	Analysis	SM 2320B		1	719169	KB	EET BUF	07/21/24 10:31
Total/NA	Analysis	SM 4500 S2 F		1	719390	AM	EET BUF	07/23/24 17:15

Client Sample ID: TK-6-071624

Lab Sample ID: 480-221700-3
Matrix: Water
Date Collected: 07/16/24 14:45
Date Received: 07/16/24 15:46

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		2	718693	ERS	EET BUF	07/17/24 15:33
Total/NA	Analysis	RSK-175		1	206848	RMG	EET BUR	07/26/24 14:51
Total/NA	Analysis	RSK-175		1	718692	MAN	EET BUF	07/17/24 14:10

Lab Chronicle

Client: GHD Services Inc.
Project/Site: 12616852, GM Lockport 256043

Job ID: 480-221700-1
SDG: BCP

Client Sample ID: TK-6-071624

Lab Sample ID: 480-221700-3

Date Collected: 07/16/24 14:45
Date Received: 07/16/24 15:46

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3005A			718773	ET	EET BUF	07/17/24 08:37
Total/NA	Analysis	6010C		1	718903	NZG	EET BUF	07/18/24 14:13
Total/NA	Prep	3005A			718773	ET	EET BUF	07/17/24 08:37
Total/NA	Analysis	6010C		5	719020	NZG	EET BUF	07/19/24 12:36
Total/NA	Analysis	300.0		20	718750	AF	EET BUF	07/18/24 21:06
Total/NA	Analysis	350.1		1	718763	AM	EET BUF	07/17/24 13:37
Total/NA	Analysis	353.2		1	718787	KB	EET BUF	07/17/24 16:40
Total/NA	Analysis	353.2		1	718796	KB	EET BUF	07/17/24 17:19
Total/NA	Analysis	353.2		1	718789	KB	EET BUF	07/17/24 17:19
Total/NA	Analysis	9060A		1	718821	AF	EET BUF	07/17/24 17:37
Total/NA	Analysis	SM 2320B		1	719169	KB	EET BUF	07/21/24 10:39
Total/NA	Analysis	SM 4500 S2 F		1	719390	AM	EET BUF	07/23/24 17:15

Client Sample ID: TRIP BLANK-071624

Lab Sample ID: 480-221700-4

Date Collected: 07/16/24 00:00
Date Received: 07/16/24 15:46

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	718693	ERS	EET BUF	07/17/24 15:57

Client Sample ID: MW-7-1-071724

Lab Sample ID: 480-221751-1

Date Collected: 07/17/24 11:00
Date Received: 07/17/24 17:05

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		5	719137	ERS	EET BUF	07/22/24 18:49
Total/NA	Analysis	RSK-175		1	206848	RMG	EET BUR	07/26/24 15:02
Total/NA	Analysis	RSK-175		1	718953	MAN	EET BUF	07/19/24 10:55
Total/NA	Prep	3005A			718913	ET	EET BUF	07/19/24 09:01
Total/NA	Analysis	6010C		1	719064	NZG	EET BUF	07/19/24 15:49
Total/NA	Prep	3005A			718913	ET	EET BUF	07/19/24 09:01
Total/NA	Analysis	6010C		5	719178	NZG	EET BUF	07/22/24 10:27
Total/NA	Analysis	300.0		20	719035	AF	EET BUF	07/19/24 19:40
Total/NA	Analysis	350.1		1	719373	AM	EET BUF	07/23/24 15:41
Total/NA	Analysis	353.2		1	718912	KB	EET BUF	07/18/24 14:04
Total/NA	Analysis	353.2		1	718923	KB	EET BUF	07/18/24 16:51
Total/NA	Analysis	353.2		1	718933	KB	EET BUF	07/18/24 16:59
Total/NA	Analysis	9060A		1	719607	AF	EET BUF	07/24/24 01:08
Total/NA	Analysis	SM 2320B		1	719169	KB	EET BUF	07/20/24 10:35
Total/NA	Analysis	SM 4500 S2 F		1	719534	AM	EET BUF	07/24/24 15:06

Lab Chronicle

Client: GHD Services Inc.
Project/Site: 12616852, GM Lockport 256043

Job ID: 480-221700-1
SDG: BCP

Client Sample ID: MW-7-6-071724
Date Collected: 07/17/24 13:00
Date Received: 07/17/24 17:05

Lab Sample ID: 480-221751-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		20	719336	ERS	EET BUF	07/23/24 15:05
Total/NA	Analysis	RSK-175		1	206848	RMG	EET BUR	07/26/24 15:13
Total/NA	Analysis	RSK-175		1	718953	MAN	EET BUF	07/19/24 11:14
Total/NA	Prep	3005A			718913	ET	EET BUF	07/19/24 09:01
Total/NA	Analysis	6010C		1	719064	NZG	EET BUF	07/19/24 15:51
Total/NA	Prep	3005A			718913	ET	EET BUF	07/19/24 09:01
Total/NA	Analysis	6010C		10	719178	NZG	EET BUF	07/22/24 10:29
Total/NA	Analysis	300.0		50	719035	AF	EET BUF	07/19/24 19:55
Total/NA	Analysis	350.1		1	719373	AM	EET BUF	07/23/24 15:45
Total/NA	Analysis	353.2		1	718912	KB	EET BUF	07/18/24 14:06
Total/NA	Analysis	353.2		1	718923	KB	EET BUF	07/18/24 17:00
Total/NA	Analysis	353.2		1	718933	KB	EET BUF	07/18/24 17:00
Total/NA	Analysis	9060A		1	719607	AF	EET BUF	07/24/24 01:38
Total/NA	Analysis	SM 2320B		1	719169	KB	EET BUF	07/20/24 10:42
Total/NA	Analysis	SM 4500 S2 F		1	719534	AM	EET BUF	07/24/24 15:06

Client Sample ID: MW-7-5-071724
Date Collected: 07/17/24 14:00
Date Received: 07/17/24 17:05

Lab Sample ID: 480-221751-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		5	719336	ERS	EET BUF	07/23/24 15:30
Total/NA	Analysis	RSK-175		1	206848	RMG	EET BUR	07/26/24 15:23
Total/NA	Analysis	RSK-175		1	718953	MAN	EET BUF	07/19/24 11:33
Total/NA	Prep	3005A			718913	ET	EET BUF	07/19/24 09:01
Total/NA	Analysis	6010C		1	719064	NZG	EET BUF	07/19/24 15:53
Total/NA	Analysis	300.0		5	719035	AF	EET BUF	07/19/24 20:10
Total/NA	Analysis	350.1		1	719373	AM	EET BUF	07/23/24 15:47
Total/NA	Analysis	353.2		1	718912	KB	EET BUF	07/18/24 14:07
Total/NA	Analysis	353.2		1	718933	KB	EET BUF	07/18/24 17:02
Total/NA	Analysis	353.2		1	718923	KB	EET BUF	07/18/24 17:02
Total/NA	Analysis	9060A		1	719607	AF	EET BUF	07/24/24 02:06
Total/NA	Analysis	SM 2320B		1	719169	KB	EET BUF	07/20/24 10:50
Total/NA	Analysis	SM 4500 S2 F		1	719534	AM	EET BUF	07/24/24 15:06

Client Sample ID: MW-7-3-071724
Date Collected: 07/17/24 16:00
Date Received: 07/17/24 17:05

Lab Sample ID: 480-221751-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		2	719137	ERS	EET BUF	07/22/24 20:02
Total/NA	Analysis	RSK-175		1	206848	RMG	EET BUR	07/26/24 15:34

Lab Chronicle

Client: GHD Services Inc.
Project/Site: 12616852, GM Lockport 256043

Job ID: 480-221700-1
SDG: BCP

Client Sample ID: MW-7-3-071724

Lab Sample ID: 480-221751-4

Date Collected: 07/17/24 16:00
Date Received: 07/17/24 17:05

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	RSK-175		1	718953	MAN	EET BUF	07/19/24 11:52
Total/NA	Prep	3005A			718913	ET	EET BUF	07/19/24 09:01
Total/NA	Analysis	6010C		1	719064	NZG	EET BUF	07/19/24 15:55
Total/NA	Prep	3005A			718913	ET	EET BUF	07/19/24 09:01
Total/NA	Analysis	6010C		100	719178	NZG	EET BUF	07/22/24 10:30
Total/NA	Analysis	300.0		50	719035	AF	EET BUF	07/19/24 20:25
Total/NA	Analysis	350.1		1	719373	AM	EET BUF	07/23/24 15:48
Total/NA	Analysis	353.2		1	718912	KB	EET BUF	07/18/24 14:09
Total/NA	Analysis	353.2		1	718923	KB	EET BUF	07/18/24 14:09
Total/NA	Analysis	353.2		1	718924	KB	EET BUF	07/18/24 14:09
Total/NA	Analysis	9060A		1	719607	AF	EET BUF	07/24/24 02:36
Total/NA	Analysis	SM 2320B		1	719169	KB	EET BUF	07/20/24 10:57
Total/NA	Analysis	SM 4500 S2 F		1	719534	AM	EET BUF	07/24/24 15:06

Client Sample ID: TRIP BLANK-071724

Lab Sample ID: 480-221751-5

Date Collected: 07/17/24 00:00
Date Received: 07/17/24 17:05

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	719137	ERS	EET BUF	07/22/24 20:27

Client Sample ID: MW-8-003-B-071824

Lab Sample ID: 480-221777-1

Date Collected: 07/18/24 10:30
Date Received: 07/18/24 14:40

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		50	718985	AXK	EET BUF	07/19/24 17:54
Total/NA	Analysis	RSK-175		1	206961	RMG	EET BUR	07/30/24 14:43
Total/NA	Analysis	RSK-175		1	718953	MAN	EET BUF	07/19/24 09:40
Total/NA	Prep	3005A			719012	EMO	EET BUF	07/22/24 09:17
Total/NA	Analysis	6010C		1	719268	NZG	EET BUF	07/22/24 18:33
Total/NA	Prep	3005A			719012	EMO	EET BUF	07/22/24 09:17
Total/NA	Analysis	6010C		1	719371	NZG	EET BUF	07/23/24 14:13
Total/NA	Analysis	300.0		50	719035	AF	EET BUF	07/19/24 17:28
Total/NA	Analysis	350.1		1	719373	AM	EET BUF	07/23/24 15:55
Total/NA	Analysis	353.2		1	719553	KB	EET BUF	07/24/24 15:52
Total/NA	Analysis	353.2		1	719555	KB	EET BUF	07/24/24 15:52
Total/NA	Analysis	353.2		1	719559	KB	EET BUF	07/24/24 19:36
Total/NA	Analysis	9060A		1	719607	AF	EET BUF	07/24/24 21:28
Total/NA	Analysis	SM 2320B		1	719169	KB	EET BUF	07/20/24 12:29
Total/NA	Analysis	SM 4500 S2 F		1	719705	AM	EET BUF	07/25/24 15:20

Lab Chronicle

Client: GHD Services Inc.
Project/Site: 12616852, GM Lockport 256043

Job ID: 480-221700-1
SDG: BCP

Client Sample ID: MW-7-2-071824

Lab Sample ID: 480-221777-2

Date Collected: 07/18/24 11:30
Matrix: Water
Date Received: 07/18/24 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	718985	AXK	EET BUF	07/19/24 18:16
Total/NA	Analysis	RSK-175		1	206961	RMG	EET BUR	07/30/24 15:18
Total/NA	Analysis	RSK-175		1	718953	MAN	EET BUF	07/19/24 09:59
Total/NA	Prep	3005A			719012	EMO	EET BUF	07/22/24 09:17
Total/NA	Analysis	6010C		1	719268	NZG	EET BUF	07/22/24 18:48
Total/NA	Analysis	300.0		5	719035	AF	EET BUF	07/19/24 22:08
Total/NA	Analysis	350.1		1	719373	AM	EET BUF	07/23/24 15:52
Total/NA	Analysis	353.2		1	719553	KB	EET BUF	07/24/24 18:28
Total/NA	Analysis	353.2		1	719555	KB	EET BUF	07/24/24 18:28
Total/NA	Analysis	353.2		1	719557	KB	EET BUF	07/24/24 18:28
Total/NA	Analysis	9060A		1	719607	AF	EET BUF	07/24/24 22:57
Total/NA	Analysis	SM 2320B		1	719169	KB	EET BUF	07/20/24 15:39
Total/NA	Analysis	SM 4500 S2 F		1	719705	AM	EET BUF	07/25/24 15:20

Client Sample ID: MW-7-C-2-071824

Lab Sample ID: 480-221777-3

Date Collected: 07/18/24 13:15
Matrix: Water
Date Received: 07/18/24 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		10	718985	AXK	EET BUF	07/19/24 18:38
Total/NA	Analysis	RSK-175		1	206961	RMG	EET BUR	07/30/24 15:30
Total/NA	Analysis	RSK-175		1	718953	MAN	EET BUF	07/19/24 10:18
Total/NA	Prep	3005A			719012	EMO	EET BUF	07/22/24 09:17
Total/NA	Analysis	6010C		1	719268	NZG	EET BUF	07/22/24 18:50
Total/NA	Analysis	300.0		10	719035	AF	EET BUF	07/19/24 22:23
Total/NA	Analysis	350.1		1	719373	AM	EET BUF	07/23/24 15:57
Total/NA	Analysis	353.2		1	719553	KB	EET BUF	07/24/24 18:29
Total/NA	Analysis	353.2		1	719555	KB	EET BUF	07/24/24 18:29
Total/NA	Analysis	353.2		1	719557	KB	EET BUF	07/24/24 18:29
Total/NA	Analysis	9060A		1	719607	AF	EET BUF	07/24/24 23:25
Total/NA	Analysis	SM 2320B		1	719169	KB	EET BUF	07/21/24 10:12
Total/NA	Analysis	SM 4500 S2 F		1	719705	AM	EET BUF	07/25/24 15:20

Client Sample ID: TRIP BLANK-071824

Lab Sample ID: 480-221777-4

Date Collected: 07/18/24 00:00
Matrix: Water
Date Received: 07/18/24 14:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	718985	AXK	EET BUF	07/19/24 19:00

Lab Chronicle

Client: GHD Services Inc.
Project/Site: 12616852, GM Lockport 256043

Job ID: 480-221700-1
SDG: BCP

Client Sample ID: MW-10-3-072224
Date Collected: 07/22/24 11:30
Date Received: 07/22/24 16:55

Lab Sample ID: 480-221913-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	719339	ERS	EET BUF	07/24/24 08:20
Total/NA	Analysis	RSK-175		1	207013	RMG	EET BUR	07/31/24 16:07
Total/NA	Analysis	RSK-175		1	719308	MAN	EET BUF	07/23/24 12:39
Total/NA	Prep	3005A			719348	EMO	EET BUF	07/24/24 09:05
Total/NA	Analysis	6010C		1	719604	NZG	EET BUF	07/24/24 19:51
Total/NA	Analysis	300.0		5	719496	AF	EET BUF	07/25/24 02:03
Total/NA	Analysis	350.1		1	720404	AM	EET BUF	07/31/24 18:25
Total/NA	Analysis	353.2		1	719374	KB	EET BUF	07/23/24 14:49
Total/NA	Analysis	353.2		1	719376	KB	EET BUF	07/23/24 14:49
Total/NA	Analysis	353.2		1	719395	KB	EET BUF	07/23/24 17:38
Total/NA	Analysis	9060A		1	720484	AF	EET BUF	07/31/24 17:24
Total/NA	Analysis	SM 2320B		1	720192	KB	EET BUF	07/30/24 22:03
Total/NA	Analysis	SM 4500 S2 F		1	719883	AM	EET BUF	07/27/24 13:05

Client Sample ID: MW-10-2-072224
Date Collected: 07/22/24 13:30
Date Received: 07/22/24 16:55

Lab Sample ID: 480-221913-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		5	719339	ERS	EET BUF	07/24/24 08:44
Total/NA	Analysis	RSK-175		1	207013	RMG	EET BUR	07/31/24 16:19
Total/NA	Analysis	RSK-175		1	719308	MAN	EET BUF	07/23/24 12:58
Total/NA	Prep	3005A			719348	EMO	EET BUF	07/24/24 09:05
Total/NA	Analysis	6010C		5	719700	NZG	EET BUF	07/25/24 14:28
Total/NA	Prep	3005A			719348	EMO	EET BUF	07/24/24 09:05
Total/NA	Analysis	6010C		1	719604	NZG	EET BUF	07/24/24 19:53
Total/NA	Analysis	300.0		20	719496	AF	EET BUF	07/25/24 02:18
Total/NA	Analysis	350.1		1	720404	AM	EET BUF	07/31/24 18:29
Total/NA	Analysis	353.2		1	719374	KB	EET BUF	07/23/24 14:51
Total/NA	Analysis	353.2		1	719376	KB	EET BUF	07/23/24 14:51
Total/NA	Analysis	353.2		1	719378	KB	EET BUF	07/23/24 14:51
Total/NA	Analysis	9060A		1	720484	AF	EET BUF	07/31/24 17:54
Total/NA	Analysis	SM 2320B		1	720192	KB	EET BUF	07/30/24 22:10
Total/NA	Analysis	SM 4500 S2 F		1	719883	AM	EET BUF	07/27/24 13:05

Client Sample ID: DUPE-01-072224
Date Collected: 07/22/24 12:30
Date Received: 07/22/24 16:55

Lab Sample ID: 480-221913-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	719445	LCH	EET BUF	07/24/24 20:51
Total/NA	Analysis	8260C	DL	5	719630	ERS	EET BUF	07/25/24 15:42

Lab Chronicle

Client: GHD Services Inc.
Project/Site: 12616852, GM Lockport 256043

Job ID: 480-221700-1
SDG: BCP

Client Sample ID: DUPE-01-072224

Lab Sample ID: 480-221913-3
Matrix: Water
Date Collected: 07/22/24 12:30
Date Received: 07/22/24 16:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	RSK-175		1	207013	RMG	EET BUR	07/31/24 16:31
Total/NA	Analysis	RSK-175		1	719308	MAN	EET BUF	07/23/24 13:17
Total/NA	Prep	3005A			719348	EMO	EET BUF	07/24/24 09:05
Total/NA	Analysis	6010C		5	719700	NZG	EET BUF	07/25/24 14:30
Total/NA	Prep	3005A			719348	EMO	EET BUF	07/24/24 09:05
Total/NA	Analysis	6010C		1	719604	NZG	EET BUF	07/24/24 19:55
Total/NA	Analysis	300.0		20	719496	AF	EET BUF	07/25/24 02:33
Total/NA	Analysis	350.1		1	720404	AM	EET BUF	07/31/24 18:31
Total/NA	Analysis	353.2		1	719374	KB	EET BUF	07/23/24 14:52
Total/NA	Analysis	353.2		1	719376	KB	EET BUF	07/23/24 14:52
Total/NA	Analysis	353.2		1	719378	KB	EET BUF	07/23/24 14:52
Total/NA	Analysis	9060A		1	720484	AF	EET BUF	07/31/24 20:19
Total/NA	Analysis	SM 2320B		1	719805	KB	EET BUF	07/25/24 21:54
Total/NA	Analysis	SM 4500 S2 F		1	719883	AM	EET BUF	07/27/24 13:05

Client Sample ID: MW-7-7-072224

Lab Sample ID: 480-221913-4
Matrix: Water
Date Collected: 07/22/24 16:00
Date Received: 07/22/24 16:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		2000	719339	ERS	EET BUF	07/24/24 09:33
Total/NA	Analysis	RSK-175		1	207013	RMG	EET BUR	07/31/24 16:43
Total/NA	Analysis	RSK-175		5.5	719308	MAN	EET BUF	07/23/24 13:55
Total/NA	Prep	3005A			719348	EMO	EET BUF	07/24/24 09:05
Total/NA	Analysis	6010C		10	719700	NZG	EET BUF	07/25/24 14:32
Total/NA	Prep	3005A			719348	EMO	EET BUF	07/24/24 09:05
Total/NA	Analysis	6010C		1	719604	NZG	EET BUF	07/24/24 20:02
Total/NA	Analysis	300.0		50	719971	AF	EET BUF	07/29/24 14:58
Total/NA	Analysis	350.1		5	720404	AM	EET BUF	08/01/24 10:15
Total/NA	Analysis	353.2		1	719374	KB	EET BUF	07/23/24 14:54
Total/NA	Analysis	353.2		1	719376	KB	EET BUF	07/23/24 14:54
Total/NA	Analysis	353.2		1	719378	KB	EET BUF	07/23/24 14:54
Total/NA	Analysis	9060A		1	720644	AF	EET BUF	08/02/24 16:27
Total/NA	Analysis	SM 2320B		1	719805	KB	EET BUF	07/25/24 22:01
Total/NA	Analysis	SM 4500 S2 F		1	719883	AM	EET BUF	07/27/24 13:05

Client Sample ID: MW-6-F-8-072324

Lab Sample ID: 480-221958-1
Matrix: Water
Date Collected: 07/23/24 12:00
Date Received: 07/23/24 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	719445	LCH	EET BUF	07/24/24 22:04

Lab Chronicle

Client: GHD Services Inc.
Project/Site: 12616852, GM Lockport 256043

Job ID: 480-221700-1
SDG: BCP

Client Sample ID: MW-6-F-8-072324

Lab Sample ID: 480-221958-1

Date Collected: 07/23/24 12:00
Date Received: 07/23/24 16:10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	RSK-175		1	207106	RMG	EET BUR	08/02/24 11:53
Total/NA	Analysis	RSK-175		1	719404	MAN	EET BUF	07/24/24 12:19
Total/NA	Prep	3005A			719474	EMO	EET BUF	07/25/24 09:00
Total/NA	Analysis	6010C		1	719754	NZG	EET BUF	07/25/24 17:09
Total/NA	Analysis	300.0		20	719971	AF	EET BUF	07/29/24 16:10
Total/NA	Analysis	350.1		1	720404	AM	EET BUF	07/31/24 18:50
Total/NA	Analysis	353.2		1	719553	KB	EET BUF	07/24/24 18:21
Total/NA	Analysis	353.2		1	719555	KB	EET BUF	07/24/24 18:21
Total/NA	Analysis	353.2		1	719557	KB	EET BUF	07/24/24 18:21
Total/NA	Analysis	9060A		1	720484	AF	EET BUF	07/31/24 21:47
Total/NA	Analysis	SM 2320B		1	719805	KB	EET BUF	07/25/24 20:31
Total/NA	Analysis	SM 4500 S2 F		1	719883	AM	EET BUF	07/27/24 13:05

Client Sample ID: MW-8-4-072324

Lab Sample ID: 480-221958-2

Date Collected: 07/23/24 13:15
Date Received: 07/23/24 16:10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	719445	LCH	EET BUF	07/24/24 22:28
Total/NA	Analysis	RSK-175		1	207106	RMG	EET BUR	08/02/24 12:01
Total/NA	Analysis	RSK-175		1	719404	MAN	EET BUF	07/24/24 12:38
Total/NA	Prep	3005A			719474	EMO	EET BUF	07/25/24 09:00
Total/NA	Analysis	6010C		20	719838	NZG	EET BUF	07/26/24 12:30
Total/NA	Prep	3005A			719474	EMO	EET BUF	07/25/24 09:00
Total/NA	Analysis	6010C		1	719754	NZG	EET BUF	07/25/24 17:16
Total/NA	Analysis	300.0		50	719971	AF	EET BUF	07/29/24 17:40
Total/NA	Analysis	350.1		1	720404	AM	EET BUF	07/31/24 18:51
Total/NA	Analysis	353.2		1	719553	KB	EET BUF	07/24/24 18:22
Total/NA	Analysis	353.2		1	719555	KB	EET BUF	07/24/24 18:22
Total/NA	Analysis	353.2		1	719557	KB	EET BUF	07/24/24 18:22
Total/NA	Analysis	9060A		1	720484	AF	EET BUF	07/31/24 22:16
Total/NA	Analysis	SM 2320B		1	719805	KB	EET BUF	07/25/24 20:38
Total/NA	Analysis	SM 4500 S2 F		1	719883	AM	EET BUF	07/27/24 13:05

Client Sample ID: MW-6-2-072324

Lab Sample ID: 480-221958-3

Date Collected: 07/23/24 14:44
Date Received: 07/23/24 16:10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	719630	ERS	EET BUF	07/25/24 16:25
Total/NA	Analysis	RSK-175		1	207106	RMG	EET BUR	08/02/24 12:10
Total/NA	Analysis	RSK-175		1	719404	MAN	EET BUF	07/24/24 12:57

Lab Chronicle

Client: GHD Services Inc.
Project/Site: 12616852, GM Lockport 256043

Job ID: 480-221700-1
SDG: BCP

Client Sample ID: MW-6-2-072324

Lab Sample ID: 480-221958-3

Date Collected: 07/23/24 14:44
Matrix: Water
Date Received: 07/23/24 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3005A			719474	EMO	EET BUF	07/25/24 09:00
Total/NA	Analysis	6010C		5	719838	NZG	EET BUF	07/26/24 12:32
Total/NA	Prep	3005A			719474	EMO	EET BUF	07/25/24 09:00
Total/NA	Analysis	6010C		1	719754	NZG	EET BUF	07/25/24 17:18
Total/NA	Analysis	300.0		20	719971	AF	EET BUF	07/29/24 17:58
Total/NA	Analysis	350.1		1	720404	AM	EET BUF	07/31/24 18:52
Total/NA	Analysis	353.2		1	719553	KB	EET BUF	07/24/24 18:24
Total/NA	Analysis	353.2		1	719555	KB	EET BUF	07/25/24 12:25
Total/NA	Analysis	353.2		1	719723	KB	EET BUF	07/25/24 12:25
Total/NA	Analysis	9060A		1	720484	AF	EET BUF	07/31/24 22:46
Total/NA	Analysis	SM 2320B		1	719805	KB	EET BUF	07/25/24 20:45
Total/NA	Analysis	SM 4500 S2 F		1	719883	AM	EET BUF	07/27/24 13:05

Client Sample ID: TRIP BLANK-072324

Lab Sample ID: 480-221958-4

Date Collected: 07/23/24 00:00
Matrix: Water
Date Received: 07/23/24 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	719475	LCH	EET BUF	07/25/24 08:43

Client Sample ID: DUPE-02-072424

Lab Sample ID: 480-222015-1

Date Collected: 07/24/24 10:00
Matrix: Water
Date Received: 07/24/24 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		5000	719659	LCH	EET BUF	07/26/24 04:17
Total/NA	Analysis	RSK-175		1	207106	RMG	EET BUR	08/02/24 12:19
Total/NA	Analysis	RSK-175		1	719644	MAN	EET BUF	07/25/24 12:31
Total/NA	Prep	3005A			719682	ET	EET BUF	07/26/24 08:53
Total/NA	Analysis	6010C		1	719940	NZG	EET BUF	07/26/24 16:02
Total/NA	Analysis	300.0		10	719800	AF	EET BUF	07/26/24 20:04
Total/NA	Analysis	350.1		1	720251	AM	EET BUF	07/30/24 17:51
Total/NA	Analysis	353.2		1	719721	KB	EET BUF	07/25/24 16:42
Total/NA	Analysis	353.2		1	719724	KB	EET BUF	07/25/24 16:42
Total/NA	Analysis	353.2		1	719726	KB	EET BUF	07/25/24 16:42
Total/NA	Analysis	9060A		1	720484	AF	EET BUF	07/31/24 23:15
Total/NA	Analysis	SM 2320B		1	719805	KB	EET BUF	07/25/24 20:51
Total/NA	Analysis	SM 4500 S2 F		1	720097	AM	EET BUF	07/30/24 11:00

Lab Chronicle

Client: GHD Services Inc.
Project/Site: 12616852, GM Lockport 256043

Job ID: 480-221700-1
SDG: BCP

Client Sample ID: BLDG-10-MW-1-072424

Lab Sample ID: 480-222015-2

Date Collected: 07/24/24 11:00
Matrix: Water
Date Received: 07/24/24 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		5000	719659	LCH	EET BUF	07/26/24 04:42
Total/NA	Analysis	RSK-175		1	207106	RMG	EET BUR	08/02/24 12:28
Total/NA	Analysis	RSK-175		1	719644	MAN	EET BUF	07/25/24 12:49
Total/NA	Prep	3005A			719682	ET	EET BUF	07/26/24 08:53
Total/NA	Analysis	6010C		1	719940	NZG	EET BUF	07/26/24 16:04
Total/NA	Analysis	300.0		10	719800	AF	EET BUF	07/26/24 20:22
Total/NA	Analysis	350.1		1	720251	AM	EET BUF	07/30/24 17:53
Total/NA	Analysis	353.2		1	719721	KB	EET BUF	07/25/24 16:44
Total/NA	Analysis	353.2		1	719724	KB	EET BUF	07/25/24 16:44
Total/NA	Analysis	353.2		1	719726	KB	EET BUF	07/25/24 16:44
Total/NA	Analysis	9060A		1	720484	AF	EET BUF	07/31/24 23:44
Total/NA	Analysis	SM 2320B		1	719805	KB	EET BUF	07/25/24 20:59
Total/NA	Analysis	SM 4500 S2 F		1	720097	AM	EET BUF	07/30/24 11:00

Client Sample ID: MW-9-101-A-072424

Lab Sample ID: 480-222015-3

Date Collected: 07/24/24 13:00
Matrix: Water
Date Received: 07/24/24 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		2	719659	LCH	EET BUF	07/26/24 05:06
Total/NA	Prep	3510C			719766	JMP	EET BUF	07/26/24 09:10
Total/NA	Analysis	8270D		1	719749	EMD	EET BUF	07/26/24 21:48
Total/NA	Analysis	RSK-175		1	207106	RMG	EET BUR	08/02/24 12:36
Total/NA	Analysis	RSK-175		1	719644	MAN	EET BUF	07/25/24 13:08
Total/NA	Prep	3005A			719682	ET	EET BUF	07/26/24 08:53
Total/NA	Analysis	6010C		1	719940	NZG	EET BUF	07/26/24 16:06
Total/NA	Prep	3005A			719682	ET	EET BUF	07/26/24 08:53
Total/NA	Analysis	6010C		5	719969	NZG	EET BUF	07/29/24 12:12
Total/NA	Analysis	300.0		20	719800	AF	EET BUF	07/26/24 22:10
Total/NA	Analysis	350.1		1	720251	AM	EET BUF	07/30/24 17:53
Total/NA	Analysis	353.2		1	719721	KB	EET BUF	07/25/24 16:45
Total/NA	Analysis	353.2		1	719724	KB	EET BUF	07/25/24 16:45
Total/NA	Analysis	353.2		1	719728	KB	EET BUF	07/25/24 19:43
Total/NA	Analysis	9060A		1	720484	AF	EET BUF	08/01/24 03:35
Total/NA	Analysis	SM 2320B		1	719805	KB	EET BUF	07/25/24 21:17
Total/NA	Analysis	SM 4500 S2 F		1	720097	AM	EET BUF	07/30/24 11:00

Client Sample ID: MW-7-8-072424

Lab Sample ID: 480-222015-4

Date Collected: 07/24/24 14:15
Matrix: Water
Date Received: 07/24/24 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		10	719659	LCH	EET BUF	07/26/24 05:31
Total/NA	Analysis	RSK-175		1	207106	RMG	EET BUR	08/02/24 12:45
Total/NA	Analysis	RSK-175		1	719644	MAN	EET BUF	07/25/24 13:27
Total/NA	Prep	3005A			719682	ET	EET BUF	07/26/24 08:53
Total/NA	Analysis	6010C		1	719940	NZG	EET BUF	07/26/24 16:08
Total/NA	Prep	3005A			719682	ET	EET BUF	07/26/24 08:53
Total/NA	Analysis	6010C		20	719969	NZG	EET BUF	07/29/24 12:13
Total/NA	Analysis	300.0		50	719800	AF	EET BUF	07/26/24 22:28
Total/NA	Analysis	350.1		1	720251	AM	EET BUF	07/30/24 17:53
Total/NA	Analysis	353.2		1	719721	KB	EET BUF	07/25/24 16:46
Total/NA	Analysis	353.2		1	719724	KB	EET BUF	07/25/24 16:46
Total/NA	Analysis	353.2		1	719726	KB	EET BUF	07/25/24 16:46
Total/NA	Analysis	9060A		1	720484	AF	EET BUF	08/01/24 04:04
Total/NA	Analysis	SM 2320B		1	719805	KB	EET BUF	07/25/24 21:35
Total/NA	Analysis	SM 4500 S2 F		1	720097	AM	EET BUF	07/30/24 11:00

Client Sample ID: TRIP BLANK-072424

Lab Sample ID: 480-222015-5

Date Collected: 07/24/24 00:00
Matrix: Water
Date Received: 07/24/24 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	719659	LCH	EET BUF	07/26/24 05:55

Client Sample ID: MW-8-2-072524

Lab Sample ID: 480-222055-1

Date Collected: 07/25/24 12:30
Matrix: Water
Date Received: 07/25/24 16:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		100	719789	AXK	EET BUF	07/27/24 02:29
Total/NA	Analysis	RSK-175		1	207106	RMG	EET BUR	08/02/24 12:54
Total/NA	Analysis	RSK-175		11	719744	MAN	EET BUF	07/26/24 13:18
Total/NA	Prep	3005A			719791	EMO	EET BUF	07/29/24 08:47
Total/NA	Analysis	6010C		1	720071	NZG	EET BUF	07/29/24 15:28
Total/NA	Analysis	300.0		5	720111	AF	EET BUF	07/30/24 18:10
Total/NA	Analysis	350.1		1	720418	AM	EET BUF	07/31/24 20:28
Total/NA	Analysis	353.2		1	719846	KB	EET BUF	07/26/24 14:28
Total/NA	Analysis	353.2		1	719854	KB	EET BUF	07/26/24 14:28
Total/NA	Analysis	353.2		1	719863	KB	EET BUF	07/26/24 17:50
Total/NA	Analysis	9060A		1	720645	AF	EET BUF	08/01/24 15:54
Total/NA	Analysis	SM 2320B		1	720440	KB	EET BUF	08/01/24 11:19
Total/NA	Analysis	SM 4500 S2 F		1	720097	AM	EET BUF	07/30/24 11:00

Lab Chronicle

Client: GHD Services Inc.
Project/Site: 12616852, GM Lockport 256043

Job ID: 480-221700-1
SDG: BCP

Client Sample ID: MW-8-1-072524

Date Collected: 07/25/24 15:30
Date Received: 07/25/24 16:20

Lab Sample ID: 480-222055-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	719789	AXK	EET BUF	07/27/24 02:51
Total/NA	Analysis	RSK-175		1	207106	RMG	EET BUR	08/02/24 13:20
Total/NA	Analysis	RSK-175		1	719744	MAN	EET BUF	07/26/24 12:22
Total/NA	Prep	3005A			719791	EMO	EET BUF	07/29/24 08:47
Total/NA	Analysis	6010C		1	720071	NZG	EET BUF	07/29/24 15:43
Total/NA	Analysis	300.0		20	720111	AF	EET BUF	07/30/24 17:34
Total/NA	Analysis	350.1		1	720418	AM	EET BUF	07/31/24 20:31
Total/NA	Analysis	353.2		1	719846	KB	EET BUF	07/26/24 13:59
Total/NA	Analysis	353.2		1	719854	KB	EET BUF	07/26/24 13:59
Total/NA	Analysis	353.2		1	719856	KB	EET BUF	07/26/24 13:59
Total/NA	Analysis	9060A		1	720805	AF	EET BUF	08/06/24 10:40
Total/NA	Analysis	SM 2320B		1	720091	KB	EET BUF	07/29/24 23:25
Total/NA	Analysis	SM 4500 S2 F		1	720516	AM	EET BUF	08/01/24 15:05

Client Sample ID: TRIP BLANK-072524

Date Collected: 07/25/24 00:00
Date Received: 07/25/24 16:20

Lab Sample ID: 480-222055-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	719789	AXK	EET BUF	07/27/24 03:13

Client Sample ID: MW-8-3-072624

Date Collected: 07/26/24 14:30
Date Received: 07/26/24 15:20

Lab Sample ID: 480-222107-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		4	719962	AXK	EET BUF	07/29/24 21:07
Total/NA	Analysis	RSK-175		1	207106	RMG	EET BUR	08/02/24 14:43
Total/NA	Analysis	RSK-175		22	719942	MAN	EET BUF	07/29/24 14:12
Total/NA	Prep	3005A			720007	ET	EET BUF	07/30/24 08:43
Total/NA	Analysis	6010C		1	720134	NZG	EET BUF	07/30/24 14:24
Total/NA	Analysis	300.0		20	720116	AF	EET BUF	07/31/24 01:16
Total/NA	Analysis	350.1		5	720537	AM	EET BUF	08/02/24 10:17
Total/NA	Analysis	353.2		1	720158	KB	EET BUF	07/30/24 15:49
Total/NA	Analysis	353.2		1	720165	KB	EET BUF	07/30/24 17:31
Total/NA	Analysis	353.2		1	720163	KB	EET BUF	07/30/24 17:31
Total/NA	Analysis	9060A		1	720645	AF	EET BUF	08/02/24 17:14
Total/NA	Analysis	SM 2320B		1	720091	KB	EET BUF	07/29/24 23:57
Total/NA	Analysis	SM 4500 S2 F		1	720566	AM	EET BUF	08/02/24 13:47

Lab Chronicle

Client: GHD Services Inc.
Project/Site: 12616852, GM Lockport 256043

Job ID: 480-221700-1
SDG: BCP

Client Sample ID: TRIP BLANK-072524A

Lab Sample ID: 480-222107-2
Matrix: Water
Date Collected: 07/26/24 00:00
Date Received: 07/26/24 15:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	719962	AXK	EET BUF	07/29/24 21:29

Client Sample ID: MW-7-A-6-080124

Lab Sample ID: 480-222217-1
Matrix: Water
Date Collected: 08/01/24 10:00
Date Received: 08/01/24 14:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		2000	720382	ERS	EET BUF	08/01/24 16:28
Total/NA	Analysis	RSK-175		1	207470	RMG	EET BUR	08/13/24 12:25
Total/NA	Analysis	RSK-175		22	720669	MAN	EET BUF	08/05/24 13:30
Total/NA	Prep	3005A			720447	ET	EET BUF	08/02/24 08:15
Total/NA	Analysis	6010C		1	720643	NZG	EET BUF	08/02/24 19:46
Total/NA	Analysis	300.0		10	720906	AF	EET BUF	08/07/24 14:08
Total/NA	Analysis	350.1		1	720896	AM	EET BUF	08/06/24 16:16
Total/NA	Analysis	353.2		1	720581	KB	EET BUF	08/01/24 18:41
Total/NA	Analysis	353.2		1	720582	KB	EET BUF	08/02/24 10:47
Total/NA	Analysis	353.2		1	720586	KB	EET BUF	08/02/24 10:47
Total/NA	Analysis	9060A		1	721021	AF	EET BUF	08/07/24 10:56
Total/NA	Analysis	SM 2320B		1	720776	KB	EET BUF	08/05/24 22:29
Total/NA	Analysis	SM 4500 S2 F		1	720835	AM	EET BUF	08/06/24 13:45

Client Sample ID: MW-9-12-080124

Lab Sample ID: 480-222217-2
Matrix: Water
Date Collected: 08/01/24 13:00
Date Received: 08/01/24 14:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	720382	ERS	EET BUF	08/01/24 16:50
Total/NA	Prep	3510C			720652	JMP	EET BUF	08/05/24 09:07
Total/NA	Analysis	8270D		1	720728	EMD	EET BUF	08/07/24 16:21
Total/NA	Analysis	RSK-175		1	207470	RMG	EET BUR	08/13/24 12:35
Total/NA	Analysis	RSK-175		1	720669	MAN	EET BUF	08/05/24 14:08
Total/NA	Prep	3005A			720447	ET	EET BUF	08/02/24 08:15
Total/NA	Analysis	6010C		1	720643	NZG	EET BUF	08/02/24 19:48
Total/NA	Analysis	300.0		10	720906	AF	EET BUF	08/07/24 14:26
Total/NA	Analysis	350.1		1	720896	AM	EET BUF	08/06/24 16:18
Total/NA	Analysis	353.2		1	720582	KB	EET BUF	08/02/24 10:47
Total/NA	Analysis	353.2		1	720586	KB	EET BUF	08/02/24 10:47
Total/NA	Analysis	353.2		1	720581	KB	EET BUF	08/02/24 14:40
Total/NA	Analysis	9060A		1	721021	AF	EET BUF	08/07/24 11:24
Total/NA	Analysis	SM 2320B		1	720776	KB	EET BUF	08/05/24 22:35
Total/NA	Analysis	SM 4500 S2 F		1	720835	AM	EET BUF	08/06/24 13:45

Lab Chronicle

Client: GHD Services Inc.
Project/Site: 12616852, GM Lockport 256043

Job ID: 480-221700-1
SDG: BCP

Client Sample ID: TRIP BLANK-080124

Date Collected: 08/01/24 00:00
Date Received: 08/01/24 14:00

Lab Sample ID: 480-222217-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	720382	ERS	EET BUF	08/01/24 17:12

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

EET BUR = Eurofins Burlington, 530 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Accreditation/Certification Summary

Client: GHD Services Inc.
Project/Site: 12616852, GM Lockport 256043

Job ID: 480-221700-1
SDG: BCP

Laboratory: Eurofins Buffalo

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-25

Laboratory: Eurofins Burlington

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
ANAB	Dept. of Defense ELAP	L2336	02-25-26
Connecticut	State	PH-0751	09-30-25
DE Haz. Subst. Cleanup Act (HSCA)	State	N/A	05-19-25
Florida	NELAP	E87467	06-30-25
Minnesota	NELAP	050-999-436	12-31-24
New Hampshire	NELAP	2006	12-18-24
New Jersey	NELAP	VT972	06-30-25
New York	NELAP	10391	03-31-25
Pennsylvania	NELAP	68-00489	04-30-25
Rhode Island	State	LAO00298	12-31-24
US Fish & Wildlife	US Federal Programs	058448	08-01-25
USDA	US Federal Programs	P330-17-00272	12-19-26
Vermont	State	VT4000	02-10-25
Virginia	NELAP	460209	12-14-24
Wisconsin	State	399140830	08-31-24

Method Summary

Client: GHD Services Inc.
Project/Site: 12616852, GM Lockport 256043

Job ID: 480-221700-1
SDG: BCP

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	EET BUF
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	EET BUF
RSK-175	Dissolved Gases (GC)	RSK	EET BUF
RSK-175	Dissolved Gases (GC)	RSK	EET BUR
6010C	Metals (ICP)	SW846	EET BUF
300.0	Anions, Ion Chromatography	EPA	EET BUF
350.1	Nitrogen, Ammonia	EPA	EET BUF
353.2	Nitrate	EPA	EET BUF
353.2	Nitrogen, Nitrate-Nitrite	EPA	EET BUF
353.2	Nitrogen, Nitrite	EPA	EET BUF
9060A	Organic Carbon, Total (TOC)	SW846	EET BUF
SM 2320B	Alkalinity	SM	EET BUF
SM 4500 S2 F	Sulfide, Total	SM	EET BUF
3005A	Preparation, Total Metals	SW846	EET BUF
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET BUF
5030C	Purge and Trap	SW846	EET BUF

Protocol References:

EPA = US Environmental Protection Agency

RSK = Sample Prep And Calculations For Dissolved Gas Analysis In Water Samples Using A GC Headspace Equilibration Technique, RSKSOP-175, Rev. 0, 8/11/94, USEPA Research Lab

SM = "Standard Methods For The Examination Of Water And Wastewater"

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

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

EET BUR = Eurofins Burlington, 530 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Sample Summary

Client: GHD Services Inc.
Project/Site: 12616852, GM Lockport 256043

Job ID: 480-221700-1
SDG: BCP

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-221700-1	MW-6-1-071624	Water	07/16/24 11:15	07/16/24 15:46
480-221700-2	MW-7-P-1-071624	Water	07/16/24 13:00	07/16/24 15:46
480-221700-3	TK-6-071624	Water	07/16/24 14:45	07/16/24 15:46
480-221700-4	TRIP BLANK-071624	Water	07/16/24 00:00	07/16/24 15:46
480-221751-1	MW-7-1-071724	Water	07/17/24 11:00	07/17/24 17:05
480-221751-2	MW-7-6-071724	Water	07/17/24 13:00	07/17/24 17:05
480-221751-3	MW-7-5-071724	Water	07/17/24 14:00	07/17/24 17:05
480-221751-4	MW-7-3-071724	Water	07/17/24 16:00	07/17/24 17:05
480-221751-5	TRIP BLANK-071724	Water	07/17/24 00:00	07/17/24 17:05
480-221777-1	MW-8-003-B-071824	Water	07/18/24 10:30	07/18/24 14:40
480-221777-2	MW-7-2-071824	Water	07/18/24 11:30	07/18/24 14:40
480-221777-3	MW-7-C-2-071824	Water	07/18/24 13:15	07/18/24 14:40
480-221777-4	TRIP BLANK-071824	Water	07/18/24 00:00	07/18/24 14:40
480-221913-1	MW-10-3-072224	Water	07/22/24 11:30	07/22/24 16:55
480-221913-2	MW-10-2-072224	Water	07/22/24 13:30	07/22/24 16:55
480-221913-3	DUPE-01-072224	Water	07/22/24 12:30	07/22/24 16:55
480-221913-4	MW-7-7-072224	Water	07/22/24 16:00	07/22/24 16:55
480-221958-1	MW-6-F-8-072324	Water	07/23/24 12:00	07/23/24 16:10
480-221958-2	MW-8-4-072324	Water	07/23/24 13:15	07/23/24 16:10
480-221958-3	MW-6-2-072324	Water	07/23/24 14:44	07/23/24 16:10
480-221958-4	TRIP BLANK-072324	Water	07/23/24 00:00	07/23/24 16:10
480-222015-1	DUPE-02-072424	Water	07/24/24 10:00	07/24/24 15:40
480-222015-2	BLDG-10-MW-1-072424	Water	07/24/24 11:00	07/24/24 15:40
480-222015-3	MW-9-101-A-072424	Water	07/24/24 13:00	07/24/24 15:40
480-222015-4	MW-7-8-072424	Water	07/24/24 14:15	07/24/24 15:40
480-222015-5	TRIP BLANK-072424	Water	07/24/24 00:00	07/24/24 15:40
480-222055-1	MW-8-2-072524	Water	07/25/24 12:30	07/25/24 16:20
480-222055-2	MW-8-1-072524	Water	07/25/24 15:30	07/25/24 16:20
480-222055-3	TRIP BLANK-072524	Water	07/25/24 00:00	07/25/24 16:20
480-222107-1	MW-8-3-072624	Water	07/26/24 14:30	07/26/24 15:20
480-222107-2	TRIP BLANK-072524A	Water	07/26/24 00:00	07/26/24 15:20
480-222217-1	MW-7-A-6-080124	Water	08/01/24 10:00	08/01/24 14:00
480-222217-2	MW-9-12-080124	Water	08/01/24 13:00	08/01/24 14:00
480-222217-3	TRIP BLANK-080124	Water	08/01/24 00:00	08/01/24 14:00

10 Hazelwood Drive
Amherst, NY 14228-2298
Phone (716) 691-2600 Phone (716) 691-7991

Chain of Custody Record

eurofins | Environment Testing

Client Information

Client Contact: Mr. Thomas Bohlen	Sampler: Morgan Brown	Lab PM: Heckler, Denise D	Carrier Tracking No(s):	COC No: 480-197826-40940.1
Company: GZA GeoEnvironmental, Inc.	Phone: 716-803-5717	E-Mail: Denise.Heckler@et.eurofinsus.com	State of Origin: NY	Page: 1 of 2
Address: 300 Pearl Street. Suite 700	PWSID:			Job #: 21.0056546.20 Task 4
City: Buffalo	Due Date Requested:			
State, Zip: NY, 14202	TAT Requested (days): Standard			
Phone: 716-844-7050	Compliance Project: Δ Yes Δ No			
Email: thomas.bohlen@gza.com	PO #: Purchase Order Requested			
Project Name: 058507, GM Lockport 256043	WO #: 256043			
Site: BCP Site	Project #: 48004014			
	SSOW#:			

Analysis Requested

Preservation Codes:
N - None
D - HNO3
A - HCL
S - H2SO4
CB - ZnAcetate/NaOH

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Perform MS/MSD (Yes or No)	RSK_175_CO2 - Carbon dioxide	VFA_IC - VFAs	8270D - PAH Semivolatiles	300.0 - Chloride & Sulfate, Nitrate, Nitrite	6010C - Metals - Fe, Mn, Mg, K & Na	RSK_175 - Methane, Ethane & Ethene	8260C - PCE, TCE, DCE (trans and cis) & VC	9060A - TOC	SM4500_S2_F - Sulfide	350.1 - Ammonia	2320B - Alkalinity	Total Number of containers	Special Instructions/Note:
			Preservation Code:			N	N	N	N	D	A	A	S	CB	S	N		
MW-8-3-072624	7/26/24	1430	G	W		X			X	X	X	X	X	X	X	X		See D. Heckler for reporting
Trip Blank	—	—	—	—														

480-222107 Chain of Custody

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

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

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:		Date:	Time:	Method of Shipment:		
Relinquished by:	Date/Time: 7/26/24 1520	Company GZA	Received by:	Date/Time: 7/26/24 1520	Company TA	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company	

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 6.8 # 17 LE

Ver: 04/02/2024

10 Hazelwood Drive
Amherst, NY 14228-2298
Phone (716) 691-2600 Phone (716) 691-7991

Chain of Custody Record

eurofins | Environment Testing

Client Information

Client Contact: Mr. Thomas Bohlen
Company: GZA GeoEnvironmental, Inc.
Address: 300 Pearl Street. Suite 700
City: Buffalo
State, Zip: NY, 14202
Phone: 716-844-7050
Email: thomas.bohlen@gza.com
Project Name: 058507, GM Lockport 256043
Site: GM Lockport BCP site

Sampler: Morgan Brown
Phone: 716-803-5717
PWSID:

Due Date Requested:
TAT Requested (days): Standard
Compliance Project: Δ Yes Δ No
PO #: Purchase Order Requested
WO #: 256043
Project #: 48004014
SSOW#:

Lab PM: Heckler, Denise D
E-Mail: Denise.Heckler@et.eurofinsus.com
Carrier Tracking No(s):
State of Origin: NY

COC No: 480-197826-40940.1
Page: 1 of 1
Job #: 21.0056546.20 Task 4

Analysis Requested

Preservation Codes:
N - None
D - HNO3
A - HCL
S - H2SO4
CB - ZnAcetate/NaOH
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Perform MS/MSD (Yes or No)	RSK_175_CO2 - Carbon dioxide	VFA_IC - VFAs	8270D - PAH Semivolatiles	300.0 - Chloride & Sulfate, Nitrate, Nitrite	6010C - Metals - Fe, Mn, Mg, K & Na	RSK_175 - Methane, Ethane & Ethene	8260C - PCE, TCE, DCE (trans and cis) & VC	9060A - TOC	SM4500_S2_F - Sulfide	350.1 - Ammonia	2320B - Alkalinity	Total Number of containers	Special Instructions/Note:
Preservation Code:						N	N	II	N	D	A	A	S	CB	S	N		
MW-6-I-071624	07/16/24	1115	G	W		X	X		X	X	X	X	X	X	X	X		See D. Heckler for reporting
MW-7-P-I-071624		1300	G			X	X		X	X	X	X	X	X	X	X		
TK-6-071624		1445	G			X	X		X	X	X	X	X	X	X	X		
Trip Blank		—	—															

480-221700 Chain of Custody

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

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

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

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

	Date/Time	Company		Date/Time	Company
Relinquished by: [signature]	7/16/24 1546	GZA	Received by: [signature]	7/16 15:46	
Relinquished by:			Received by:		
Relinquished by:			Received by:		

Custody Seals Intact: Δ Yes Δ No
Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 2.4 ICE

Ver: 04/02/2024

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone (716) 691-2600 Phone (716) 691-7991

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Morgan Brown	Lab PM: Heckler, Denise D	Carrier Tracking No(s):	COC No: 480-197826-40940.1
Client Contact: Mr. Thomas Bohlen	Phone: 716-803-5717	E-Mail: Denise.Heckler@et.eurofinsus.com	State of Origin: NY	Page: 1 of 1
Company: GZA GeoEnvironmental, Inc.	PWSID:			Job #: 21.0056546.20 Task 4
Address: 300 Pearl Street. Suite 700	Due Date Requested:			
City: Buffalo	TAT Requested (days): Standard			
State, Zip: NY, 14202	Compliance Project: Δ Yes Δ No			
Phone: 716-844-7050	PO #: Purchase Order Requested			
Email: thomas.bohlen@gza.com	WO #: 256043			
Project Name: 058507, GM Lockport 256043	Project #: 48004014			
Site: GM Lockport BCP site	SSOW#:			

Analysis Requested

Preservation Codes:
N - None
D - HNO3
A - HCL
S - H2SO4
CB - ZnAcetate/NaOH
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Perform MS/MSD (Yes or No)	RSK_175_CO2 - Carbon dioxide	VFA_IC - VFAs	8270D - PAH Semivolatiles	300.0 - Chloride & Sulfate, Nitrate, Nitrite	6010C - Metals - Fe, Mn, Mg, K & Na	RSK_175 - Methane, Ethane & Ethene	8260C - PCE, TCE, DCE (trans and cis) & VC	9060A - TOC	SM4500_S2_F - Sulfide	350.1 - Ammonia	2320B - Alkalinity	Total Number of containers	Special Instructions/Note:
			Preservation Code:			N	N	N	N	D	A	A	S	CB	S	N		
MW-7-1-071724	7/17/24	1100	G	W		X	X		X	X	X	X	X	X	X	X		See D. Heckler for reporting
MW-7-6-071724	"	1300	"	"		X	X		X	X	X	X	X	X	X	X		
MW-7-5-071724	"	1400	"	"		X	X		X	X	X	X	X	X	X	X		
MW-7-3-071724	"	1600	"	"		X	X		X	X	X	X	X	X	X	X		
Trip Blank	"	-	"	"														

480-221751 Chain of Custody

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

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

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

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

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	[signature]	7/17/24 1705	GZA	[signature]	7/17/24 17:05	
2	Relinquished by:	Date/Time:	Company	Received by: [signature]	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 4.6 ICE

Ver: 04/02/2024

8/28/2024 (Rev. 2)

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone (716) 691-2600 Phone (716) 691-7991

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Morgan Brown	Lab PM: Heckler, Denise D	Carrier Tracking No(s):	COC No: 480-197826-40940.1
Client Contact: Mr. Thomas Bohlen	Phone: 716-803-5717	E-Mail: Denise.Heckler@et.eurofinsus.com	State of Origin: NY	Page: 1 of 1
Company: GZA GeoEnvironmental, Inc.	PWSID:			Job #: 21.0056546.20 Task 4
Address: 300 Pearl Street. Suite 700	Due Date Requested:			
City: Buffalo	TAT Requested (days): Standard			
State, Zip: NY, 14202	Compliance Project: Δ Yes Δ No			
Phone: 716-844-7050	PO #: Purchase Order Requested			
Email: thomas.bohlen@gza.com	WO #: 256043			
Project Name: 058507, GM Lockport 256043	Project #: 48004014			
Site: BCP site	SSOW#:			

Analysis Requested

Preservation Codes:
N - None
D - HNO3
A - HCL
S - H2SO4
CB - ZnAcetate/NaOH
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	RSK_175_CO2 - Carbon dioxide	VFA_IC - VFAs	8270D - PAH Semivolatiles	300.0 - Chloride & Sulfate, Nitrate, Nitrite	6010C - Metals - Fe, Mn, Mg, K & Na	RSK_175 - Methane, Ethane & Ethene	8260C - PCE, TCE, DCE (trans and cis) & VC	9060A - TOC	SM4500_S2_F - Sulfide	350.1 - Ammonia	2320B - Alkalinity	Total Number of containers	Special Instructions/Note:
			Preservation Code:			N	N	N	N	D	A	A	S	CB	S	N		
MW-8-003-B-071824	7/18/24	1030	G	W		X			X	X	X	X	X	X	X	X		See D. Heckler for reporting
MW-7-2-071824	"	1130	"	"		X			X	X	X	X	X	X	X	X		
MW-7-C-2-071824	"	1315	"	"		X			X	X	X	X	X	X	X	X		
Trip blank	"	-	-	-														

480-221777 Chain of Custody

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

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

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

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

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		7/18/24 1440	GZA			
2		7-18-24 1440				
3					7/18/24 1440	TAL

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 3.6 3.5 # ICE

Ver: 04/02/2024

10 Hazelwood Drive
Amherst, NY 14228-2298
Phone (716) 691-2600 Phone (716) 691-7991

Chain of Custody Record

eurofins | Environment Testing

Client Information

Client Contact: Mr. Thomas Bohlen	Sampler: Morgan Brown	Lab PM: Heckler, Denise D	Carrier Tracking No(s):	COC No: 480-197826-40940.1
Company: GZA GeoEnvironmental, Inc.	Phone: 716-803-5717	E-Mail: Denise.Heckler@et.eurofinsus.com	State of Origin: NY	Page:
Address: 300 Pearl Street. Suite 700	PWSID:	Due Date Requested:		Job #: 21.0056546.20 Task 4
City: Buffalo		TAT Requested (days): Standard		
State, Zip: NY, 14202		Compliance Project: Δ Yes Δ No		
Phone: 716-844-7050		PO #: Purchase Order Requested		
Email: thomas.bohlen@gza.com		WO #: 256043		
Project Name: 058507, GM Lockport 256043		Project #: 48004014		
Site: BCP site		SSOW#:		

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Perform MS/MSD (Yes or No)	RSK_175_CO2 - Carbon dioxide	VFA_IC - VFAs	8270D - PAH Semivolatiles	300.0 - Chloride & Sulfate, Nitrate, Nitrite	6010C - Metals - Fe, Mn, Mg, K & Na	RSK_175 - Methane, Ethane & Ethene	8260C - PCE, TCE, DCE (trans and cis) & VC	9060A - TOC	SM4500_S2_F - Sulfide	350.1 - Ammonia	2320B - Alkalinity	Total Number of containers	Special Instructions/Note:
			Preservation Code:			N	N	N	N	D	A	A	S	CB	S	N		
MW-10-3-072224	7/22/24	1130	G	W		X			X	X	X	X	X	X	X	X		See D. Heckler for reporting
MW-10-2-072224	"	1330	"	"		X			X	X	X	X	X	X	X	X		
Dupe-01-072224	"	1230	"	"		X			X	X	X	X	X	X	X	X		
MW-7-7-072224	"	1600	"	"		X			X	X	X	X	X	X	X	X		
Trip blank	—	—	—	—														

480-221913 Chain of Custody

Preservation Codes:
N - None
D - HNO3
A - HCL
S - H2SO4
CB - ZnAcetate/NaOH
Other:

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

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

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:		Date:	Time:		Method of Shipment:	
Relinquished by:	Date/Time: 7/22/24 1655	Company	Received by:	Date/Time: 7/22/24 1655	Company ETH Buffalo	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company	

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 6.3 ICE

Ver: 04/02/2024

10 Hazelwood Drive
Amherst, NY 14228-2298
Phone (716) 691-2600 Phone (716) 691-7991

Chain of Custody Record

eurofins | Environment Testing

Client Information
Client Contact: Mr. Thomas Bohlen
Company: GZA GeoEnvironmental, Inc.
Address: 300 Pearl Street. Suite 700
City: Buffalo
State, Zip: NY, 14202
Phone: 716-844-7050
Email: thomas.bohlen@gza.com
Project Name: 058507, GM Lockport 256043
Site: BCP site

Sampler: Morgan Brown
Phone: 716-803-5717
PWSID:
Due Date Requested:
TAT Requested (days): Standard
Compliance Project: Δ Yes Δ No
PO #: Purchase Order Requested
WO #: 256043
Project #: 48004014
SSOW#:

Lab PM: Heckler, Denise D
E-Mail: Denise.Heckler@et.eurofinsus.com
Carrier Tracking No(s):
State of Origin: NY

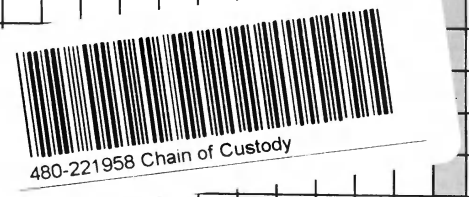
COC No: 480-197826-40940.1
Page: 1 of 1
Job #: 21.0056546.20 Task 4

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Perform MS/MSD (Yes or No)	RSK_175_CO2 - Carbon dioxide	VFA_IC - VFAs	8270D - PAH Semivolatiles	300.0 - Chloride & Sulfate, Nitrate, Nitrite	6010C - Metals - Fe, Mn, Mg, K & Na	RSK_175 - Methane, Ethane & Ethene	8260C - PCE, TCE, DCE (trans and cis) & VC	9060A - TOC	SM4500_S2_F - Sulfide	350.1 - Ammonia	2320B - Alkalinity	Total Number of containers
			Preservation Code:			N	N	N	N	D	A	A	S	CB	S	N	
MW-6-F-8-072324	7/23/24	1200	G	W		X			X	X	X	X	X	X	X	X	
MW-8-4-072324	"	1315	"	"		X			X	X	X	X	X	X	X	X	
MW-6-2-072324	"	1445	"	"		X			X	X	X	X	X	X	X	X	
Trip Blank	"	—	"	"													

Special Instructions/Note: See D. Heckler for reporting

Preservation Codes: N - None; D - HNO3; A - HCL; S - H2SO4; CB - ZnAcetate/NaOH
Other:



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

Deliverable Requested: I, II, III, IV, Other (specify)

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

Special Instructions/QC Requirements:

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

	Date/Time	Company		Date/Time	Company
Relinquished by:	7/23/24 1610	GZA	Received by:	7/23/24 1610	GZA
Relinquished by:			Received by:		
Relinquished by:			Received by:		

Custody Seals Intact: Δ Yes Δ No
Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 1.5 # Ice

Ver: 04/02/2024

10 Hazelwood Drive
Amherst, NY 14228-2298
Phone (716) 691-2600 Phone (716) 691-7991

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Morgan Brown	Lab PM: Heckler, Denise D	Carrier Tracking No(s):	COC No: 480-197826-40940.1
Client Contact: Mr. Thomas Bohlen	Phone: 716-803-5717	E-Mail: Denise.Heckler@et.eurofinsus.com	State of Origin: NY	Page: 1 of 1
Company: GZA GeoEnvironmental, Inc.	PWSID:			Job #: 21.0056546.20 Task 4
Address: 300 Pearl Street. Suite 700	Due Date Requested:			
City: Buffalo	TAT Requested (days): Standard			
State, Zip: NY, 14202	Compliance Project: Δ Yes Δ No			
Phone: 716-844-7050	PO #: Purchase Order Requested			
Email: thomas.bohlen@gza.com	WO #: 256043			
Project Name: 058507, GM Lockport 256043	Project #: 48004014			
Site: BCP site	SSOW#:			

Analysis Requested

Preservation Codes:
N - None
D - HNO3
A - HCL
S - H2SO4
CB - ZnAcetate/NaOH

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Perform MS/MSD (Yes or No)	RSK_175_CO2 - Carbon dioxide	VFA_IC - VFAs	8270D - PAH Semivolatiles	300.0 - Chloride & Sulfate, Nitrate, Nitrite	6010C - Metals - Fe, Mn, Mg, K & Na	RSK_175 - Methane, Ethane & Ethene	8260C - PCE, TCE, DCE (trans and cis) & VC	9060A - TOC	SM4500_S2_F - Sulfide	350.1 - Ammonia	2320B - Alkalinity			Total Number of containers	Special Instructions/Note:
			Preservation Code:			N	N	N	N	D	A	A	S	CB	S	N				
Dupe-02-072424	7/24/24	1000	G	W		X			X	X	X	X	X	X	X	X				See D. Heckler for reporting
BLDG-10-MW-1-072424	"	1100	"	"		X			X	X	X	X	X	X	X	X				
MW-9-101-A-072424	"	1300	"	"		X		X	X	X	X	X	X	X	X	X				
MW-7-8-072424	"	1415	"	"		X			X	X	X	X	X	X	X	X				
Trip Blank	—	—	—	—																

480-222015 Chain of Custody

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

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

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by: [signature]	Date/Time: 7/24/24 1540	Company: GZA	Received by: [signature] Date/Time: 7-24-24 1540 Company: TAL
Relinquished by:	Date/Time:	Company	Received by: Date/Time: Company
Relinquished by:	Date/Time:	Company	Received by: Date/Time: Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 10.6 #1 ICE

Ver: 04/02/2024

10 Hazelwood Drive
Amherst, NY 14228-2298
Phone (716) 691-2600 Phone (716) 691-7991

Chain of Custody Record

eurofins | Environment Testi

Client Information

Client Contact: Mr. Thomas Bohlen	Sampler: Morgan Brown	Lab PM: Heckler, Denise D	Carrier Tracking No(s):	COC No: 480-197826-40940.1
Company: GZA GeoEnvironmental, Inc.	Phone: 716-803-5717	E-Mail: Denise.Heckler@et.eurofinsus.com	State of Origin: NY	Page: 1 of 1
Address: 300 Pearl Street. Suite 700	PWSID:			Job #: 21.0056546.20 Task 4
City: Buffalo	Due Date Requested:			
State, Zip: NY, 14202	TAT Requested (days): Standard			
Phone: 716-844-7050	Compliance Project: Δ Yes Δ No			
Email: thomas.bohlen@gza.com	PO #: Purchase Order Requested			
Project Name: 058507, GM Lockport 256043	WO #: 256043			
Site: BCP site	Project #: 48004014			
	SSOW#:			

Analysis Requested

Preservation Codes:
N - None
D - HNO3
A - HCL
S - H2SO4
CB - ZnAcetate/NaOH
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Perform MS/MSD (Yes / No)	RSK_175_CO2 - Carbon dioxide	VFA_IC - VFAs	8270D - PAH Semivolatiles	300.0 - Chloride & Sulfate, Nitrate, Nitrite	6010C - Metals - Fe, Mn, Mg, K & Na	RSK_175 - Methane, Ethane & Ethene	8260C - PCE, TCE, DCE (trans and cis) & VC	9060A - TOC	SM4500_S2_F - Sulfide	350.1 - Ammonia	2320B - Alkalinity			Total Number of containers	Special Instructions/Note:
			Preservation Code:			N	N	N	N	D	A	A	S	CB	S	N				
MW-8-2-072524	7/25/24	1230	G	W	X	X			X	X	X	X	X	X	X	X				See D. Heckler for reporting
MW-8-1-072524	1	1330	1	1		X			X	X	X	X	X	X	X	X				
Trip Blank	—	—	—	—																

480-222055 Chain of Custody

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

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

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:		Date:	Time:	Method of Shipment:		
Relinquished by: Morgan Brown	Date/Time: 7/25/24 1620	Company GZA	Received by:	Date/Time:	Company	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 7/25/24 1620	Company JAO	
Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: 5.2 ICE			

Ver: 04/02/2024

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone. 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

480-221700 Chain of Custody

eurofins Environment Testing

8/28/2024 (Rev. 2)

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Heckler, Denise D		COC No.: 480-88512.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: Denise.Heckler@et.eurofinsus.com	State of Origin: New York	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - New York		Job #: 480-221700-1
Address: 530 Community Drive, Suite 11,	Due Date Requested: 7/30/2024			Preservation Codes: -
City: South Burlington	TAT Requested (days):			
State, Zip: VT, 05403				
Phone: 802-660-1990(Tel) 802-660-1919(Fax)	PO #:			
Email:	WO #:			
Project Name: 12616852, GM Lockport 256043	Project #: 48004014			
Site:	SSOW#:			Other:

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=wasteoil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	RSK_175_CO2/ Carbon dioxide	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
MW-6-1-071624 (480-221700-1)	7/16/24	11 15 Eastern		Water			X	3	
MW-7-P-1-071624 (480-221700-2)	7/16/24	13.00 Eastern		Water			X	3	
TK-6-071624 (480-221700-3)	7/16/24	14:45 Eastern		Water			X	3	

Note Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northeast, LLC

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested I, II, III, IV, Other (specify) Primary Deliverable Rank 2	Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time	Company	Received by:	Date/Time	Company
KS	7/17/24 1600			7/18/24 1030	ETA Burl
Relinquished by:	Date/Time	Company	Received by:	Date/Time.	Company
Relinquished by:	Date/Time	Company	Received by:	Date/Time.	Company

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

Ver: 04/02/2024



SAMPLE CONTROL
EUROFINS ENVIRONMENT TESTING
10 HAZELWOOD DRIVE

BUFFALO, NY 142282223
UNITED STATES US

ACTWGT: 48.90 LB
CAD: 0759273/CAFE3808
DIMS: 23x15x14 IN

BILL SENDER

Part # 159469-434 MTW EXP 04/25

TO SAMPLE RECEIPT
EUROFINS BURLINGTON
530 COMMUNITY DR
STE 11
SOUTH BURLINGTON VT 054036650
(802) 660-1990
REF: SOUTH BURLINGTON

FedEx Express

J241023112201uv

TRK# 0201 7117 9321 8125

THU - 18 JUL 9:00A
FIRST OVERNIGHT

X1 BTVA

05403
VT-US BTV

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

480-221700 Chain of Custody

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Heckler Denise D	COC No: 480-88512.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: Denise.Heckler@et.eurofinsus.com	State of Origin: New York	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP New York	Job #: 480-221700-1
Address: 530 Community Drive, Suite 11	Due Date Requested: 7/30/2024	Analysis Requested	Preservation Codes:
City: South Burlington	TAT Requested (days):		
State, Zip: VT 05403			
Phone: 802-660-1990(Tel) 802-660-1919(Fax)	PO #:		
Email:	WO #:		
Project Name: 12616852, GM Lockport 256043	Project #: 48004014		
Site:	SSOW#:		Other

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water S=solid, O=waste/oil BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	RSK_175_CO2/ Carbon dioxide	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
MW-6-1-071624 (480-221700-1)	7/16/24	11:15 Eastern		Water			X	3	
MW-7-P-1-071624 (480-221700-2)	7/16/24	13:00 Eastern		Water			X	3	
TK-6-071624 (480-221700-3)	7/16/24	14:45 Eastern		Water			X	3	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northeast, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I II III, IV Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
KS	7/17/24 1600			7/18/24 1030	ETA Buf
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

Ver 04/02/2024

PRE-LOG IN SAMPLE RECEIPT HANDLING CHECKLIST

Tracking Information	Login # 410-179716		Login Date/Time 07/18/24 1:00
Project # 41015259	PM Elizabeth Martin		Client Jacobs Engineering
INTERNAL COC (ICOC) Required?	☒ No ☐ Yes (If yes, attach a copy of ICOC Form to Checklist)		
Sample Receipt Information	Date Received 7/18/24		Time Received 1030
Delivery Type	☒ Shipping Service ☐ Courier ☐ Hand		# Coolers Received 1
Received By: (print name)	Jamie Reynolds	Signature.	
Condition of Shipping Coolers/Containers			
There is evidence of tampering? No		Custody seals are present and intact? N/A	
Are custody seal numbers provided? If yes list custody seal numbers.			
Packing Material: ☒ Bubble Wrap ☐ Cardboard ☐ Corrugated Paper ☐ Shredded Paper ☐ Styrofoam ☐ Vermimiculite ☐ Foam Insert ☐ None ☐ Other (specify)			
Check Performed By: JR		Check Recorded By: JR	
Observed Temperature	IR Gun ID 347	IR Gun Correction Factor (CF) 0.0	
Is thermal preservation required? ☒ Yes ☐ No	*If Yes, what kind is used?* ☐ *Wet Ice* ☐ *Blue Ice* ☒ *None* ☐ *Other (Specify)* Melted ice		
IR Readings Taken By: JR		IR Readings Recorded By: JR	
Is a temperature blank provided? ☒ Yes ☐ No	*If yes use temp blank for measurement*		

If no, specify the sample ID used to take measurement for each cooler for which measurement was taken below *Record the observed temp reading below Record the adjusted temp reading in TALS. Adjusted Temp = Observed Temp + CF

*Cooler 1	18.3 °C	ID & Bottle Type
*Cooler 2	°C	ID & Bottle Type.
*Cooler 3	°C	ID & Bottle Type.
*Cooler 4	°C	ID & Bottle Type
*Cooler 5	°C	ID & Bottle Type

Criteria Routine: ≤6°C CLP SOW: ≤10°C Summa Canisters Tedlar Bags & Geotechnical: Ambient
Samples should not be frozen unless freezing does not impact integrity of sample such as for biota or biological tissue
Some programs require 4±2°C or other criteria, the PM must apply the proper criteria to their project and notify client of outliers.
Criteria for samples delivered same day of collection: Evidence of chilling, such as ice in the shipping cooler

pH Check for Aqueous Inorganic Samples	Yes	No	NA	Comments
Do samples require pH verification?				
Are basic sample pH's verified >10?				
Are acidified sample pH's verified <2?				
If no, does client require pH adjustment?				
If yes, was pH adjustment performed?				
Does 24 hour wait time apply for metals?				

If pH adjustment was performed, attach a copy of the preservation sheet to this checklist.

pH Checks Performed By:	pH Strip Lot#:

Container Preservative (all container preservatives must be documented here Use additional sheets if needed)

NA	Preservative:	Preservative Lot:	Container Lot:
NA	Preservative:	Preservative Lot:	Container Lot:
NA	Preservative:	Preservative Lot.	Container Lot.

Volatiles (all VOA vials)	Yes	No	NA	Comments
Headspace bubbles greater than 6mm (1/4inch)?			✓	

Perchlorate (EPA 331 0 and SW-846 6850)	Yes	No	NA	Comments
Headspace. minimum of 1/3 of container?			✓	

Paperwork Review	Yes	No	NA	Comments
Is receipt paperwork complete & legible?	✓			
CLP Is Traffic Report / COC Present?	✓			
Scan COC and Airbill to PDF	✓			
Post-Sampling Pressure Check Form attached?			✓	

Notify PM of discrepancies N/A	Check Performed By: JR
Secondary Label Review Performed By	**Date**
Comments	

410-179716 Login
PM. Martin, Elizabeth
Company Jacobs Engineering Group, Inc.

Part # 156148-434 MTW EXP 02/25

Shipper Company	EUROFINS LANCASTER LABS	Recipient Company	TESTAMERICA LABORATORIES, INC.
Name:	SHIPPING DEPT.	Name:	SHIPPING/RECEIVING
Address:	2425 NEW HOLLAND PIKE	Address:	630 COMMUNITY DRIVE
Additional Address		Additional Address:	SUITE 11
City	LANCASTER	City	SOUTH BURLINGTON
State/Province	PA	State/Province	VT
Postal	17601	Postal:	05403
Country/Territory	US UNITED STATES	Country/Territory:	US UNITED STATES
Shipper Phone	7175563160	Recipient Phone	8026601990

PACKAGE TRACKING NUMBER: 644977395385

FedEx
TRK# 0201 6449 7739 5385

NX BTVA

PRIORITY OVERNIGHT AA

05403
VT-US
BTV

308815 17Jul 08:18 INDR 677G9/E0E4/6FE6

PRE-LOG IN SAMPLE RECEIPT HANDLING CHECKLIST

Tracking Information	Login #: 410-179728		Login Date/Time 07/18/24 1:00
Project # 41015259	PM Elizabeth Martin		Client Jacobs Engineering
INTERNAL COC (ICOC) Required? ☒ No ☐ Yes (If yes, attach a copy of ICOC Form to Checklist)			
Sample Receipt Information	Date Received 7/18/24		Time Received 1030
Delivery Type ☒ Shipping Service ☐ Courier ☐ Hand			# Coolers Received 1
Received By: (print name) Jamie Reynolds		Signature.	
Condition of Shipping Coolers/Containers			
There is evidence of tampering? No		Custody seals are present and intact? N/A	
Are custody seal numbers provided? If yes list custody seal numbers			
Packing Material. ☒ Bubble Wrap ☐ Cardboard ☐ Corrugated Paper ☐ Shredded Paper ☐ Styrofoam ☐ Vermimiculite ☐ Foam Insert ☐ None ☐ Other (specify)			
Check Performed By: JR		Check Recorded By: JR	
Observed Temperature	IR Gun ID 347		IR Gun Correction Factor (CF) 0.0
Is thermal preservation required? ☒ Yes ☐ No	If Yes, what kind is used? ☐ Wet Ice ☐ Blue Ice ☒ None ☐ Other (Specify) Melted ice		
IR Readings Taken By: JR	IR Readings Recorded By: JR		
Is a temperature blank provided? ☒ Yes ☐ No If yes, use temp blank for measurement			

If no, specify the sample ID used to take measurement for each cooler for which measurement was taken below *Record the observed temp reading below Record the adjusted temp reading in TALS. Adjusted Temp = Observed Temp + CF

*Cooler 1	18.3 °C	ID & Bottle Type:	
*Cooler 2	°C	ID & Bottle Type:	
*Cooler 3	°C	ID & Bottle Type.	
*Cooler 4	°C	ID & Bottle Type:	
*Cooler 5	°C	ID & Bottle Type.	

Criteria. Routine: ≤6°C CLP SOW: ≤10°C Summa Canisters Tedlar Bags, & Geotechnical: Ambient
Samples should not be frozen unless freezing does not impact integrity of sample, such as for biota or biological tissue.
Some programs require 4±2°C or other criteria; the PM must apply the proper criteria to their project and notify client of outliers.
Criteria for samples delivered same day of collection: Evidence of chilling such as Ice in the shipping cooler

pH Check for Aqueous Inorganic Samples	Yes	No	NA	Comments
Do samples require pH verification?				
Are basic sample pH's verified >10?				
Are acidified sample pH's verified <2?				
If no, does client require pH adjustment?				
If yes, was pH adjustment performed?				
Does 24 hour wait time apply for metals?				

If pH adjustment was performed, attach a copy of the preservation sheet to this checklist.

pH Checks Performed By: | pH Strip Lot#:

Container Preservative (all container preservatives must be documented here. Use additional sheets if needed)

NA	Preservative.	Preservative Lot:	Container Lot:
NA	Preservative	Preservative Lot:	Container Lot:
NA	Preservative	Preservative Lot:	Container Lot:

Volatiles (all VOA vials)	Yes	No	NA	Comments
Headspace. bubbles greater than 6mm (1/4inch)?			✓	

Perchlorate (EPA 331.0 and SW-846 6850)	Yes	No	NA	Comments
Headspace. minimum of 1/3 of container?			✓	

Paperwork Review	Yes	No	NA	Comments
~~Is receipt paperwork complete & legible?~~	✓			
CLP Is Traffic Report / COC Present?	✓			
Scan COC and Airbill to PDF	✓			
Post-Sampling Pressure Check Form attached?			✓	

Notify PM of discrepancies N/A | Performed By: JR

Secondary Label Review Performed By:

Comments

410-179728 Login
PM Martin Elizabeth
Company Jacobs Engineering Group, Inc.

PRE-LOG IN SAMPLE RECEIPT HANDLING CHECKLIST

Tracking Information	Login # 410-179986		Login Date/Time 07/18/24 1:00
Project # 41015259	PM Elizabeth Martin		Client Jacobs Engineering
INTERNAL COC (ICOC) Required? ☒ No ☐ Yes (If yes, attach a copy of ICOC Form to Checklist)			
Sample Receipt Information	Date Received 7/18/24		Time Received 1030
Delivery Type ☒ Shipping Service ☐ Courier ☐ Hand			# Coolers Received 1
Received By (print name) Jamie Reynolds		Signature	
Condition of Shipping Coolers/Containers			
There is evidence of tampering? No		Custody seals are present and intact? N/A	
Are custody seal numbers provided? If yes, list custody seal numbers			
Packing Material. ☒ Bubble Wrap ☒ Cardboard ☐ Corrugated Paper ☐ Shredded Paper ☐ Styrofoam ☐ Vermiculite ☐ Foam Insert ☐ None ☐ Other (specify)			
Check Performed By JR		Check Recorded By JR	
Observed Temperature	IR Gun ID 347		IR Gun Correction Factor (CF) 0.0
Is thermal preservation required? ☒ Yes ☐ No	If Yes, what kind is used? ☒ Wet Ice ☐ Blue Ice ☐ None ☐ Other (Specify)		
IR Readings Taken By JR		IR Readings Recorded By JR	
Is a temperature blank provided? ☒ Yes ☐ No *If yes, use temp blank for measurement*			

If no, specify the sample ID used to take measurement for each cooler for which measurement was taken below *Record the observed temp reading below Record the adjusted temp reading in TALS. Adjusted Temp = Observed Temp + CF

*Cooler 1	1.8 °C	ID & Bottle Type
*Cooler 2	°C	ID & Bottle Type.
*Cooler 3	°C	ID & Bottle Type.
*Cooler 4	°C	ID & Bottle Type.
*Cooler 5	°C	ID & Bottle Type:

Criteria: Routine: ≤6°C CLP SOW: ≤10°C Summa Canisters, Tedlar Bags, & Geotechnical: Ambient
Samples should not be frozen unless freezing does not impact integrity of sample such as for biota or biological tissue.
Some programs require 4±2°C or other criteria the PM must apply the proper criteria to their project and notify client of outliers.
Criteria for samples delivered same day of collection. Evidence of chilling such as ice in the shipping cooler

pH Check for Aqueous Inorganic Samples	Yes	No	NA	Comments
Do samples require pH verification?				
Are basic sample pH's verified >10?				
Are acidified sample pH's verified <2?				
If no, does client require pH adjustment?				
If yes, was pH adjustment performed?				
Does 24 hour wait time apply for metals?				

If pH adjustment was performed, attach a copy of the preservation sheet to this checklist.

pH Checks Performed By	pH Strip Lot#

Container Preservative (all container preservatives must be documented here. Use additional sheets if needed)

NA	Preservative.	Preservative Lot:	Container Lot.
NA	Preservative	Preservative Lot:	Container Lot:
NA	Preservative	Preservative Lot:	Container Lot:

Volatiles (all VOA vials)	Yes	No	NA	Comments
Headspace bubbles greater than 6mm (1/4inch)?			✓	

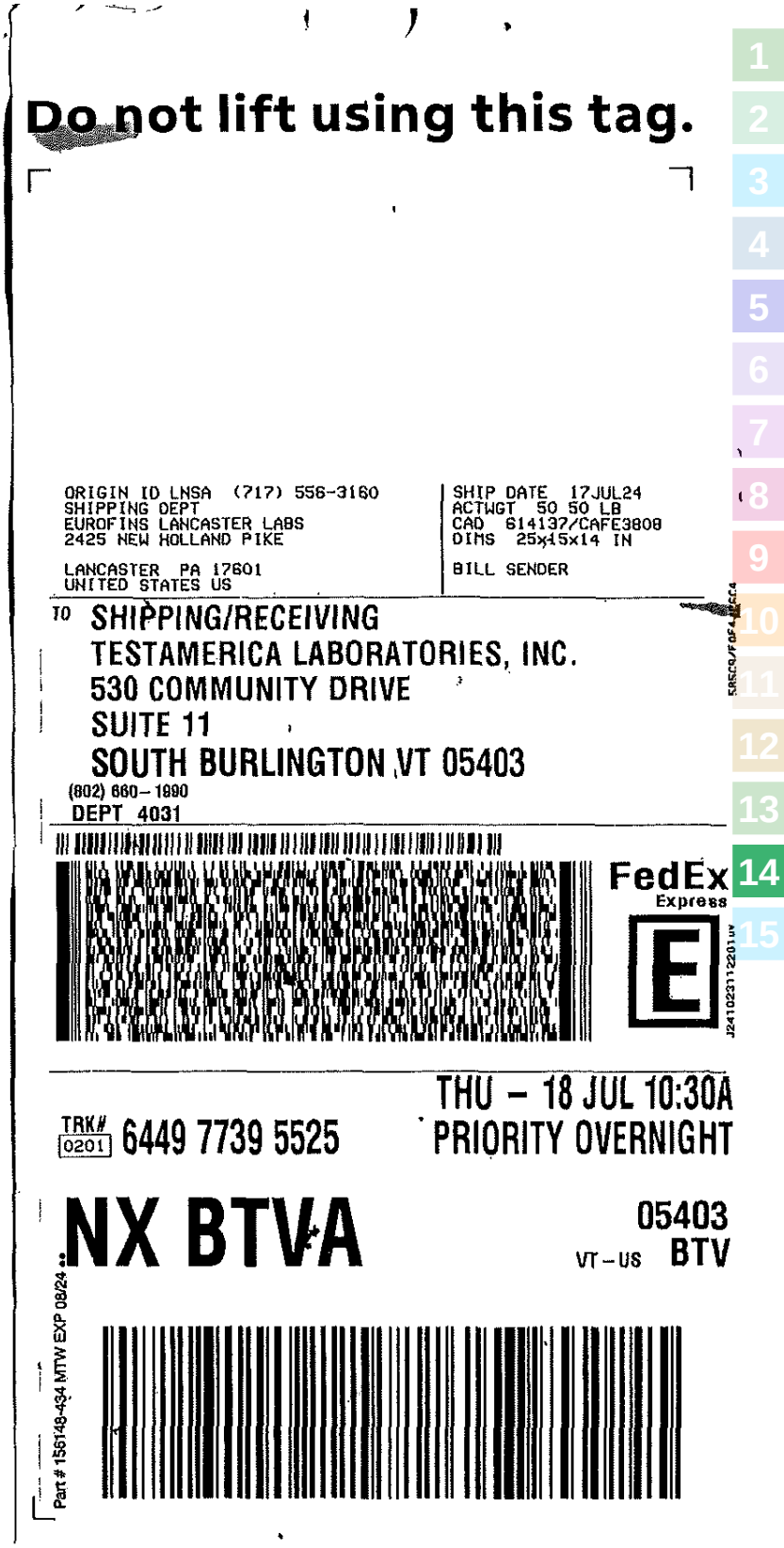
Perchlorate (EPA 331.0 and SW-846 6850)	Yes	No	NA	Comments
Headspace. minimum of 1/3 of container?			✓	

Paperwork Review	Yes	No	NA	Comments
Is receipt paperwork complete & legible?	✓			
CLP Is Traffic Report / COC Present?	✓			
Scan COC and Airbill to PDF	✓			
Post-Sampling Pressure Check Form attached?			✓	

Notify PM of discrepancies N/A	Check Performed By JR
Secondary Label Review Performed By	
Comments	

410-179986 Login
PM Martin Elizabeth
Company Jacobs Engineering Group, Inc.

FSR002.15 (07/28/2023)


Do not lift using this tag.
ORIGIN ID LNSA (717) 556-3160
SHIPPING DEPT
EUROFINS LANCASTER LABS
2425 NEW HOLLAND PIKE
LANCASTER PA 17601
UNITED STATES US
SHIP DATE 17JUL24
ACTWGT 50.50 LB
CAD 614137/CAFE3808
DIMS 25x15x14 IN
BILL SENDER
TO SHIPPING/RECEIVING
TESTAMERICA LABORATORIES, INC.
530 COMMUNITY DRIVE
SUITE 11
SOUTH BURLINGTON VT 05403
(802) 660-1990
DEPT 4031
FedEx Express
THU - 18 JUL 10:30A
TRK# 0201 6449 7739 5525
PRIORITY OVERNIGHT
NX BTVA
05403
VT-US BTV
Part # 156148-434 MTW EXP 08/24

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

480-221751 Chain of Custody

eurofins Environment Testing

Client Information (Sub Contract Lab)	Sampler	Lab PM: Heckler, Denise D		COC No: 480-88523.1
Client Contact: Shipping/Receiving	Phone.	E-Mail: Denise.Heckler@et.eurofinsus.com	State of Origin: New York	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc		Accreditations Required (See note): NELAP - New York		Job #: 480-221700-1
Address: 530 Community Drive, Suite 11,	Due Date Requested: 8/1/2024			Preservation Codes: -
City: South Burlington	TAT Requested (days):			
State, Zip: VT, 05403				
Phone: 802-660-1990(Tel) 802-660-1919(Fax)	PO #:			
Email	WO #:			
Project Name: 12616852, GM Lockport 256043	Project #: 48004014			
Site	SSOW#:			Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	RSK_175_CO2/ Carbon dioxide	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
MW-7-1-071724 (480-221751-1)	7/17/24	11.00 Eastern		Water			X	3	
MW-7-6-071724 (480-221751-2)	7/17/24	13:00 Eastern		Water			X	3	
MW-7-8-071724 (480-221751-3)	7/17/24	14 00 Eastern		Water			X	3	
MW-7-3-071724 (480-221751-4)	7/17/24	16 00 Eastern		Water			X	3	

Note Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northeast, LLC

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested I, II, III, IV, Other (specify) Primary Deliverable Rank. 2	Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time	Company	Received by:	Date/Time	Company
Matthew Krotz	7/18/24 1600	TA		7/19/24 11:15	TAL
Relinquished by:	Date/Time.	Company	Received by:	Date/Time.	Company
Relinquished by:	Date/Time.	Company	Received by:	Date/Time	Company

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

Ver: 04/02/2024



SAMPLE CONTROL
EUROFINS ENVIRONMENT TESTING
10 HAZELWOOD DRIVE

BUFFALO, NY 142282223
UNITED STATES US

ACTWGT: 24.35 LB
CAD: 0759273/CAFE3808
DIMS: 18x15x13 IN

BILL SENDER

Part # 159469-434 MTW EXP 04/25

TO SAMPLE RECEIPT
EUROFINS BURLINGTON
530 COMMUNITY DR
STE 11
SOUTH BURLINGTON VT 054036650

(802) 660-1990
REF: SOUTH BURLINGTON

FedEx Express

FRI - 19 JUL 10:30A
PRIORITY OVERNIGHT

TRK# 0201 7117 9321 8765

NX BTVA

05403
VT-US BTV

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

480-221913 Chain of Custody

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler	Lab PM: Heckler, Denise D		COC No: 480-88579.1
Client Contact: Shipping/Receiving	Phone	E-Mail: Denise.Heckler@et.eurofinsus.com	State of Origin: New York	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - New York		Job #: 480-221913-1
Address: 530 Community Drive, Suite 11,	Due Date Requested: 8/5/2024			Preservation Codes: -
City: South Burlington	TAT Requested (days):			
State, Zip: VT, 05403				
Phone: 802-660-1990(Tel) 802-660-1919(Fax)	PO #:			
Email	WO #:			
Project Name: 12616852, GM Lockport 256043	Project #: 48004014			
Site:	SSOW#:			Other:

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	RSK_175_CO2/ Carbon dioxide	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
MW-10-3-072224 (480-221913-1)	7/22/24	11:30 Eastern		Water			X	3	
MW-10-2-072224 (480-221913-2)	7/22/24	13:30 Eastern		Water			X	3	
DUPE-01-072224 (480-221913-3)	7/22/24	12:30 Eastern		Water			X	3	
MW-7-7-072224 (480-221913-4)	7/22/24	16.00 Eastern		Water			X	3	

Note Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northeast, LLC

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements

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

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	[signature]	7/23/24 1600	ETA	Luca Silva	7/24/24 1045	ETA Buf
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time	Company

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

Ver: 04/02/2024

8/28/2024 (Rev. 2)

SAMPLE CONTROL
EUROFINS ENVIRONMENT TESTING
10 HAZELWOOD DRIVE

BUFFALO, NY 142282223
UNITED STATES US

ACTWGT: 50.65 LB
CAD: 0759273/CAFE3808
DIMS: 26x15x14 IN

BILL SENDER

Part # 159469-434 MTW EXP 04/25

TO SAMPLE RECEIPT
EUROFINS BURLINGTON
530 COMMUNITY DR
STE 11
SOUTH BURLINGTON VT 054036650
(802) 660-1990
REF: TA SOUTH BURLINGTON

FedEx Express

2 of 2
MPS# 0263 7117 9321 9794
Mstr# 7117 9321 9783 0201

WED - 24 JUL 10:30A
PRIORITY OVERNIGHT

NX BTVA

05403
VT-US BTV

RT 916 1 10:30 A
FZ 915 9794 07.24

SAMPLE CONTROL
EUROFINS ENVIRONMENT TESTING
10 HAZELWOOD DRIVE

BUFFALO, NY 142282223
UNITED STATES US

ACTWGT: 50.65 LB
CAD: 0759273/CAFE3808
DIMS: 26x15x14 IN

BILL SENDER

Part # 159469-434 MTW EXP 04/25

TO SAMPLE RECEIPT
EUROFINS BURLINGTON
530 COMMUNITY DR
STE 11
SOUTH BURLINGTON VT 054036650
(802) 660-1990
REF: TA SOUTH BURLINGTON

FedEx Express

1 of 2
TRK# 0201 7117 9321 9783
MASTER

WED - 24 JUL 10:30
PRIORITY OVERNIGH

NX BTVA

0540
VT-US BT

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

480-221958 Chain of Custody

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Heckler, Denise D		COC No: 480-88597.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: Denise.Heckler@et.eurofinsus.com	State of Origin: New York	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - New York		Job #: 480-221700-1
Address: 530 Community Drive, Suite 11,	Due Date Requested: 8/7/2024			
City: South Burlington	TAT Requested (days):			
State, Zip: VT, 05403				
Phone: 802-660-1990(Tel) 802-660-1919(Fax)	PO #:			
Email:	WO #:			
Project Name: 12616852, GM Lockport 256043	Project #: 48004014			
Site:	SSOW#:			

Analysis Requested

Preservation Codes: -

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	RSK_175_CO2/ Carbon dioxide	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
MW-6-F-8-072324 (480-221958-1)	7/23/24	12:00 Eastern		Water			X	3	
MW-8-4-072324 (480-221958-2)	7/23/24	13.15 Eastern		Water			X	3	
MW-6-2-072324 (480-221958-3)	7/23/24	14.44 Eastern		Water			X	3	

Note Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northeast, LLC

Possible Hazard Identification	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)***
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested. I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time	Company
KS	7/24/24 1600			7/25/24 10:30	TAB
Relinquished by:	Date/Time	Company	Received by:	Date/Time	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time	Company

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

Ver: 04/02/2024



SAMPLE CONTROL
EUROFINS ENVIRONMENT TESTING
10 HAZELWOOD DRIVE

BUFFALO, NY 142282223
UNITED STATES US

ACTWGT: 46.75 LB
CAD: 0759273/CAFE3808
DIMS: 26x15x14 IN

BILL SENDER

Part # 159469-434-MTW EXP 04/25

TO SAMPLE RECEIPT
EUROFINS BURLINGTON
530 COMMUNITY DR
STE 11
SOUTH BURLINGTON VT 054036650
(802) 660-1990
REF: SOUTH BURLINGTON

FedEx Express

TRK# 0201 7117 9322 0695

THU - 25 JUL 10:30A
PRIORITY OVERNIGHT

NX BTVA

05403
VT-US BTV

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

480-222015 Chain of Custody

Environment Testing

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Heckler, Denise D	
Client Contact: Shipping/Receiving	Phone:	E-Mail: Denise Heckler@et.eurofinsus.com	New York
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - New York	Job #: 480-222015-1
Address: 530 Community Drive, Suite 11,	Due Date Requested: 8/6/2024	Analysis Requested	Preservation Codes: -
City: South Burlington	TAT Requested (days):		
State, Zip: VT, 05403			
Phone: 802-660-1990(Tel) 802-660-1919(Fax)	PO #:		
Email:	WO #:		
Project Name: 12616852, GM Lockport 256043	Project #: 48004014		
Site	SSOW#:		Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	RSK_175_CO2/ Carbon dioxide	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
Dupe-02-072424 (480-222015-1)	7/24/24	10:00 Eastern		Water			X	3	
BLDG-10-MW-1-072424 (480-222015-2)	7/24/24	11:00 Eastern		Water			X	3	
MW-9-101-A-072424 (480-222015-3)	7/24/24	13:00 Eastern		Water			X	3	
MW-7-8-072424 (480-222015-4)	7/24/24	14 15 Eastern		Water			X	3	

Note Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northeast, LLC

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested. I, II, III, IV, Other (specify) Primary Deliverable Rank. 2	Special Instructions/QC Requirements.

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
KS	7/25/24 1600			7/26/24 10:30	DAS
Relinquished by:	Date/Time	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time	Company	Received by:	Date/Time:	Company

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

Ver: 04/02/2024


EUROFINS ENVIRONMENT TESTING
10 HAZELWOOD DRIVE
BUFFALO, NY
UNITED STATES
ACTWGT:
CAD:
DIM:
BILL SENDER
SAMPLE RECEIPT
EUROFINS BURLINGTON
530 COMMUNITY DR
STE 11
SOUTH BURLINGTON VT 054036650
(802) 660-1990
REF: SOUTH BURLINGTON
FedEx
Express
FRI - 26 JUL 10:30A
TRK# 0201 7117 9322 0949
PRIORITY OVERNIGHT
NX BTVA
05403
VT-US
BTV

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

480-222055 Chain of Custody

Environment Testing

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Heckler, Denise D		
Client Contact: Shipping/Receiving	Phone:	E-Mail: Denise.Heckler@et.eurofinsus.com	State of Origin: New York	Page 1 of 1
Company: TestAmerica Laboratories, Inc		Accreditations Required (See note): NELAP - New York		Job #: 480-221700-1
Address: 530 Community Drive, Suite 11,	Due Date Requested: 8/4/2024			
City: South Burlington	TAT Requested (days):			
State, Zip: VT, 05403				
Phone: 802-660-1990(Tel) 802-660-1919(Fax)	PO #:			
Email	WO #:			
Project Name: 12616852, GM Lockport 256043	Project #: 48004014			
Site	SSOW#:			

Analysis Requested

Preservation Codes: -

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	RSK_175_CO2/ Carbon dioxide	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
MW-8-2-072524 (480-222055-1)	7/25/24	12.30 Eastern		Water			X	3	
MW-8-2-072524 (480-222055-1MS)	7/25/24	12:30 Eastern	MS	Water			X	3	
MW-8-2-072524 (480-222055-1MSD)	7/25/24	12.30 Eastern	MSD	Water			X	3	
MW-8-1-072524 (480-222055-2)	7/25/24	15:30 Eastern		Water			X	3	

Note Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northeast, LLC

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested I, II, III, IV, Other (specify) Primary Deliverable Rank. 2	Special Instructions/QC Requirements.

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

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time	Company
	[signature]	7/26/24 1600	TA	[signature]	7/27/24 0900	TAL
	Relinquished by:	Date/Time	Company	Received by:	Date/Time	Company
	Relinquished by:	Date/Time	Company	Received by:	Date/Time	Company

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

Ver: 04/02/2024



SAMPLE CONTROL
EUROFINS ENVIRONMENT TESTING
10 HAZELWOOD DRIVE

BUFFALO, NY 142282223
UNITED STATES US

CAD: 0759273/CAFE3808
DIMS: 26x15x14 IN

BILL SENDER

Part # 159469-494 MTW EXP 04/25

To SAMPLE RECEIPT
EUROFINS BURLINGTON
530 COMMUNITY DR
STE 11
SOUTH BURLINGTON VT 054036650
(802) 660-1990
REF: SOUTH BURLINGTON

FedEx Express

TRK# 0201 7117 9322 1750

SATURDAY 12:00P
PRIORITY OVERNIGHT

XO BTVA

05403
VT-US BTV

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

480-222107 Chain of Custody

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler	Lab PM: Heckler, Denise D		COC No: 480-88676.1
Client Contact: Shipping/Receiving	Phone	E-Mail: Denise.Heckler@et.eurofinsus.com	State of Origin: New York	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - New York		Job #: 480-221700-1
Address: 530 Community Drive, Suite 11,	Due Date Requested: 8/5/2024			
City: South Burlington	TAT Requested (days):			
State, Zip: VT, 05403				
Phone: 802-660-1990(Tel) 802-660-1919(Fax)	PO #:			
Email	WO #:			
Project Name: 12616852, GM Lockport 256043	Project #: 48004014			
Site	SSOW#:			

Analysis Requested

Preservation Codes: -

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	RSK_175_CO2/ Carbon dioxide	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
MW-8-3-072624 (480-222107-1)	7/26/24	14.30 Eastern		Water			X	3	

Note Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northeast, LLC

Possible Hazard Identification: Unconfirmed	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
KS	7/30/24 1600			7/31/2024 1030	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

Ver: 04/02/2024

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Heckler, Denise D		COC No: 480-88676.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: Denise.Heckler@et.eurofinsus.com	State of Origin: New York	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - New York		Job #: 480-222107-1
Address: 530 Community Drive, Suite 11,	Due Date Requested: 8/12/2024			Preservation Codes: -
City: South Burlington	TAT Requested (days):			
State, Zip: VT, 05403				
Phone: 802-660-1990(Tel) 802-660-1919(Fax)	PO #:			
Email	WO #:			
Project Name: 12616852, GM Lockport 256043	Project #: 48004014			
Site	SSOW#:			Other:

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	RSK_175_CO2/ Carbon dioxide	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
MW-15-072624 (480-222107-3)	7/26/24	10 30 Eastern		Water			X	3	
MW-11-072624 (480-222107-4)	7/26/24	11:30 Eastern		Water			X	3	
MW-13-072624 (480-222107-5)	7/26/24	12.45 Eastern		Water			X	3	

Note Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northeast, LLC

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested. I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time	Company
KS	7/30/24 1600			7/31/2024 10:30	
Relinquished by:	Date/Time.	Company	Received by:	Date/Time.	Company
Relinquished by:	Date/Time.	Company	Received by:	Date/Time	Company

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

Ver: 04/02/2024

RT 916 1 10:30 A
FZ 915 9585 07.31

Do not lift using this tag.

SAMPLE CONTROL
EUROFINS ENVIRONMENT TESTING
10 HAZELWOOD DRIVE

BUFFALO, NY 142282223
UNITED STATES US

ACTWGT: 34.05 LB
CAD: 0759273/CAFE3808
DIMS: 18x15x13 IN

BILL SENDER

Part # 159469-434 MTW EXP 04/25

TO SAMPLE RECEIPT
EUROFINS BURLINGTON
530 COMMUNITY DR
STE 11
SOUTH BURLINGTON VT 054036650
(802) 660-1990
REF: SOUTH BURLINGTON

FedEx Express

J241023112201uv

TRK# 0201 7463 0656 9585

WED - 31 JUL 10:30A
PRIORITY OVERNIGHT

NX BTVA

05403
VT-US BTV

SAMPLE CONTROL
EUROFINS ENVIRONMENT TESTING
10 HAZELWOOD DRIVE

BUFFALO, NY 142282223
UNITED STATES US

ACTWGT: 39.85 LB
CAD: 0759273/CAFE3808
DIMS: 26x15x14 IN

BILL SENDER

Part # 159469-434 MTW EXP 04/25

TO SAMPLE RECEIPT
EUROFINS BURLINGTON
530 COMMUNITY DR
STE 11
SOUTH BURLINGTON VT 054036650
(802) 660-1990
REF: SOUTH BURLINGTON

FedEx Express

TRK# 0201 7463 0656 9574

WED - 31 JUL 10:30A
PRIORITY OVERNIGHT

NX BTVA

05403
VT-US BTV

RT 916 1 10:30 A
FZ 915 9574 07.31

Login Sample Receipt Checklist

Client: GHD Services Inc.

Job Number: 480-221700-1
SDG Number: BCP

Login Number: 221700
List Number: 1
Creator: Yeager, Brian A

List Source: Eurofins Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature 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 sample IDs on the containers 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	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	GZA
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

Login Sample Receipt Checklist

Client: GHD Services Inc.

Job Number: 480-221700-1
SDG Number: BCP

Login Number: 221700
List Number: 2
Creator: Devarney, Hilary

List Source: Eurofins Burlington
List Creation: 07/18/24 12:07 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	2533528
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.2ºC
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?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: GHD Services Inc.

Job Number: 480-221700-1
SDG Number: BCP

Login Number: 221751
List Number: 1
Creator: Yeager, Brian A

List Source: Eurofins Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature 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 sample IDs on the containers 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	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	GZA
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

Login Sample Receipt Checklist

Client: GHD Services Inc.

Job Number: 480-221700-1
SDG Number: BCP

Login Number: 221751
List Number: 2
Creator: Devarney, Hilary

List Source: Eurofins Burlington
List Creation: 07/19/24 02:23 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	2533541
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	5.6ºC
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?	N/A	Received project as a subcontract.
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: GHD Services Inc.

Job Number: 480-221700-1
SDG Number: BCP

Login Number: 221777
List Number: 1
Creator: Stopa, Erik S

List Source: Eurofins Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature 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 sample IDs on the containers 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	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	GZA
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

Login Sample Receipt Checklist

Client: GHD Services Inc.

Job Number: 480-221700-1
SDG Number: BCP

Login Number: 221777
List Number: 2
Creator: Devarney, Hilary

List Source: Eurofins Burlington
List Creation: 07/19/24 02:23 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	2533541
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	5.6ºC
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?	N/A	Received project as a subcontract.
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: GHD Services Inc.

Job Number: 480-221700-1
SDG Number: BCP

Login Number: 221913
List Number: 1
Creator: Yeager, Brian A

List Source: Eurofins Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature 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 sample IDs on the containers 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	False	NO TRIP BLANKS RECEIVED
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	GZA
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

Login Sample Receipt Checklist

Client: GHD Services Inc.

Job Number: 480-221700-1
SDG Number: BCP

Login Number: 221913
List Number: 2
Creator: Devarney, Hilary

List Source: Eurofins Burlington
List Creation: 07/24/24 03:10 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	2533562
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	4.3ºC
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?	N/A	Received project as a subcontract.
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: GHD Services Inc.

Job Number: 480-221700-1
SDG Number: BCP

Login Number: 221958
List Number: 1
Creator: Stapleton, Kaitlyn

List Source: Eurofins Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	11.5 #1 ice
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 sample IDs on the containers 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	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	GZA GeoEnvironmental
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

Login Sample Receipt Checklist

Client: GHD Services Inc.

Job Number: 480-221700-1
SDG Number: BCP

Login Number: 221958
List Number: 2
Creator: Reynolds, Jamie K

List Source: Eurofins Burlington
List Creation: 07/25/24 05:00 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	2533569
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	5.0ºC
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?	N/A	Received project as a subcontract.
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.	N/A	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: GHD Services Inc.

Job Number: 480-221700-1
SDG Number: BCP

Login Number: 222015
List Number: 1
Creator: Stapleton, Kaitlyn

List Source: Eurofins Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	10.6 #1 ice
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 sample IDs on the containers 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	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	GZA GeoEnvionmental
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

Login Sample Receipt Checklist

Client: GHD Services Inc.

Job Number: 480-221700-1
SDG Number: BCP

Login Number: 222015
List Number: 2
Creator: Khudaier, Zahraa

List Source: Eurofins Burlington
List Creation: 07/27/24 08:24 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	2533580
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.2ºC
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	Received project as a subcontract.
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: GHD Services Inc.

Job Number: 480-221700-1
SDG Number: BCP

Login Number: 222055
List Number: 1
Creator: Yeager, Brian A

List Source: Eurofins Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature 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 sample IDs on the containers 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	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	GZA
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

Login Sample Receipt Checklist

Client: GHD Services Inc.

Job Number: 480-221700-1
SDG Number: BCP

Login Number: 222055
List Number: 2
Creator: Khudaier, Zahraa

List Source: Eurofins Burlington
List Creation: 07/27/24 12:14 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	2533592
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	5.9ºC
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	

Login Sample Receipt Checklist

Client: GHD Services Inc.

Job Number: 480-221700-1
SDG Number: BCP

Login Number: 222107
List Number: 1
Creator: Yeager, Brian A

List Source: Eurofins Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature 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 sample IDs on the containers 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.	False	EMPTY VIALS
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	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	GZA
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

Login Sample Receipt Checklist

Client: GHD Services Inc.

Job Number: 480-221700-1
SDG Number: BCP

Login Number: 222107
List Number: 2
Creator: Devarney, Hilary

List Source: Eurofins Burlington
List Creation: 07/31/24 04:17 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	2533705, 2533703
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	5.9ºC, 4.5ºC
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?	N/A	Received project as a subcontract.
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.	N/A	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: GHD Services Inc.

Job Number: 480-221700-1
SDG Number: BCP

Login Number: 222217
List Number: 1
Creator: Stopa, Erik S

List Source: Eurofins Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature 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 sample IDs on the containers 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	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	GZA
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

Login Sample Receipt Checklist

Client: GHD Services Inc.

Job Number: 480-221700-1
SDG Number: BCP

Login Number: 222217
List Number: 2
Creator: Reynolds, Jamie K

List Source: Eurofins Burlington
List Creation: 08/03/24 02:18 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	2533618
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	4.4ºC
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?	N/A	Received project as a subcontract.
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.	N/A	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



GZA GeoEnvironmental, Inc.

PRR APPENDIX D

NYSDEC PRR Institutional and Engineering Controls Certification Form

HALEY ALDRICH

Enclosure 1

Certification Instructions

I. Verification of Site Details (Box 1 and Box 2):

Answer the three questions in the Verification of Site Details Section. The Owner and/or Qualified Environmental Professional (QEP) may include handwritten changes and/or other supporting documentation, as necessary.

II. Certification of Institutional Controls/ Engineering Controls (IC/ECs)(Boxes 3, 4, and 5)

1.1.1. Review the listed IC/ECs, confirming that all existing controls are listed, and that all existing controls are still applicable. If there is a control that is no longer applicable the Owner / Remedial Party should petition the Department separately to request approval to remove the control.

2. In Box 5, complete certifications for all Plan components, as applicable, by checking the corresponding checkbox.

3. If you cannot certify "YES" for each Control listed in Box 3 & Box 4, sign and date the form in Box 5. Attach supporting documentation that explains why the **Certification** cannot be rendered, as well as a plan of proposed corrective measures, and an associated schedule for completing the corrective measures. Note that this **Certification** form must be submitted even if an IC or EC cannot be certified; however, the certification process will not be considered complete until corrective action is completed.

If the Department concurs with the explanation, the proposed corrective measures, and the proposed schedule, a letter authorizing the implementation of those corrective measures will be issued by the Department's Project Manager. Once the corrective measures are complete, a new Periodic Review Report (with IC/EC Certification) must be submitted within 45 days to the Department. If the Department has any questions or concerns regarding the PRR and/or completion of the IC/EC Certification, the Project Manager will contact you.

III. IC/EC Certification by Signature (Box 6 and Box 7**):**

If you certified "YES" for each Control, please complete and sign the IC/EC Certifications page as follows:

- For the Institutional Controls on the use of the property, the certification statement in Box 6 shall be completed and may be made by the property owner or designated representative.

- For the Engineering Controls, the certification statement in Box 7 must be completed by a Professional Engineer or Qualified Environmental Professional, as noted on the form.

Enclosure 2
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Site Management Periodic Review Report Notice
Institutional and Engineering Controls Certification Form

Site Details **Box 1**

Site No. **C932138**

Site Name GM Components Holdings, LLC

Site Address: 200 UPPER MOUNTAIN ROAD Zip Code: 14094
City/Town: Lockport
County: Niagara
Site Acreage: 128.344

Reporting Period: April 22, 2024 to April 22, 2025

	YES	NO
1. Is the information above correct?	☒	☐
If NO, include handwritten above or on a separate sheet.		
2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?	☐	☒
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	☐	☒
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	☐	☒
If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.		
5. Is the site currently undergoing development?	☐	☒

Box 2

	YES	NO
6. Is the current site use consistent with the use(s) listed below? Commercial and Industrial	☒	☐
7. Are all ICs in place and functioning as designed?	☒	☐

IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

_____ _____
Signature of Owner, Remedial Party or Designated Representative Date

Box 2A

	YES	NO
8. Has any new information revealed that assumptions made in the Qualitative Exposure Assessment regarding offsite contamination are no longer valid?	☐	☐

If you answered YES to question 8, include documentation or evidence that documentation has been previously submitted with this certification form.

9. Are the assumptions in the Qualitative Exposure Assessment still valid? (The Qualitative Exposure Assessment must be certified every five years)	☐	☐

If you answered NO to question 9, the Periodic Review Report must include an updated Qualitative Exposure Assessment based on the new assumptions.

SITE NO. C932138 **Box 3**

Description of Institutional Controls

Parcel	Owner	Institutional Control
108.13-1-1	GM Components Holdings, LLC	Ground Water Use Restriction Soil Management Plan Landuse Restriction Monitoring Plan Site Management Plan O&M Plan IC/EC Plan

An Environmental Easement was filed with the Niagara County Clerk's Office on October 6, 2011. This easement states that the Controlled Property may be used for commercial or industrial use as long as the following engineering controls are employed and the land use restrictions specified below are adhered to: (1) all Engineering Controls must be operated and maintained as specified in the Site Management Plan (SMP); (2) all Engineering Controls must be inspected at a frequency and in a manner defined in the SMP; (3) the use of groundwater underlying the property is prohibited without necessary water quality treatment as determined by the NYSDOH or the Niagara County Department of Health to render it safe for use as drinking water or for industrial purposes, and the user must first notify and obtain written approval to do so from the Department; (4) groundwater and other environmental or public health monitoring must be performed as defined in the SMP; (5) data and information pertinent to Site Management of the Controlled Property must be reported at the frequency and in a manner defined in the SMP; (6) all future activities on the property that will disturb remaining contaminated material must be conducted in accordance with the SMP; (7) Monitoring to assess the performance and effectiveness of the remedy must be performed as defined in the SMP; (8) Operation, maintenance, monitoring, inspection, and reporting of any mechanical or physical components of the remedy shall be performed as defined in the SMP; (9) access to the site must be provided to agents, employees or other representatives of the State of New York with reasonable prior notice to the property owner to assure compliance with the restrictions identified by this Environmental Easement.

Box 4

Description of Engineering Controls

Parcel	Engineering Control
108.13-1-1	Vapor Mitigation Cover System

(1) A site cover currently exists and will be maintained to allow for commercial/industrial use of the site. Any site redevelopment will maintain the existing site cover, which consists of buildings, pavement, sidewalks and soil where the upper one foot of exposed surface soil meets the applicable soil cleanup objectives (SCOs) for commercial or industrial use.

(2) Sub-slab depressurization systems exist in Buildings 7, 7A, 8, and 10. These systems will continue to operate to prevent the migration of sub-slab soil vapor from soil and groundwater into these

Parcel	Engineering Control
buildings.	

Box 5

Periodic Review Report (PRR) Certification Statements

1. I certify by checking "YES" below that:

   a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the Engineering Control certification;

   b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and compete.

YES	NO
☐	☐

2. For each Engineering control listed in Box 4, I certify by checking "YES" below that all of the following statements are true:

   (a) The Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;

   (b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;

   (c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;

   (d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and

   (e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES	NO
☐	☐

IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

_____ _____

Signature of Owner, Remedial Party or Designated Representative Date

IC CERTIFICATIONS
SITE NO. C932138

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 1,2, and 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Merrick Alexander (print name) at 500 Wentworth St W, Oshawa ON L1J 0C5 (print business address),

am certifying as Remediation Project Manager (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.

Signature of Owner, Remedial Party, or Designated Representative Rendering Certification

February 27, 2026
Date

EC CERTIFICATIONS

Box 7

Professional Engineer Signature

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Leslie Nelson (print name) at 260 E Main Street, Suite 2100, Rochester, NY 14604 (print business address)

am certifying as a Professional Engineer for the Owner - GM Components Holdings, LLC (Owner or Remedial Party)



Signature of Professional Engineer, for the Owner or Remedial Party, Rendering Certification

Stamp (Required for PE)

3/2/26
Date