

H & A OF NEW YORK ENGINEERING AND GEOLOGY, LLP 200 Town Centre Drive Suite 2 Rochester, NY 14623 585.359.9000

14 February 2025 File No. 0127982-100

New York State Department of Environmental Conservation Division of Environmental Remediation, Region 8 6274 East Avon-Lima Road Albany, New York 14414

- Attention: Joshua Ramsey Project Manager
- Subject: Progress Report September through December 2024 Delphi Automotive Systems NYSDEC Site No. 828064 1000 Lexington Avenue Rochester, New York 14606

Dear Mr. Ramsey:

H & A of New York Engineering and Geology, LLP (Haley & Aldrich of New York) is submitting this progress report on behalf of our client, GM Components Holdings, LLC (GMCH), for activities conducted for the Delphi Automotive Systems Site No. 828064 (Site) located at the GM Rochester Operations Facility, 1000 Lexington Avenue, Monroe County, Rochester, New York. This report provides a summary of project activities conducted at the Site from 1 September through 31 December 2024.

#### ACTIVITIES CONDUCTED DURING THE REPORTING PERIOD

The remedial measures installed at the Site: Building 22 light non-aqueous phase liquid (LNAPL) recovery system, North Parking Lot groundwater migration control trench (MCT), the Eastside Water Treatment Area (EWTA) groundwater recovery and treatment system (GRTS), Building 1 sub-slab depressurization system (SSDS) and automated LNAPL recovery systems operated throughout the reporting period with the following exceptions:

- The EWTA GRTS was shut down on 18 September 2024 due to failure of the air stripper blower motor. The blower motor was replaced, and the system was restarted on 24 September 2024. The system shutdown again due to a failure of an electrical contactor. The contactor was replaced, and the system was re-started on 1 November 2024.
- Suction Fan #2 was observed to be off on 15 October 2024. A replacement fan was installed on 22 October 2024 and the suction fan was restarted. The remaining five (5) suction fans of the SSDS continued to operate during the period.

NYSDEC 14 February 2025 Page 2

• Automated LNAPL Recovery Pump installed at LR-2 was shutdown on 24 September 2024 due to a failure of the compressor system. A new compressor was installed, and the system was restarted on 7 October 2024.

#### FACILITY MAINTENANCE ACTIVITIES

The perimeter fence along Mount Read Boulevard that had been damaged from a vehicle accident was repaired on 28 October 2024. Santa McKenna, P.G. provided oversight for the field team and subcontractors to conduct air monitoring for respirable dust and volatile organic compounds (VOC) and observe that the cover disturbance was restored in accordance with the Site Management Plan (SMP).

#### SAMPLING/TESTING RESULTS DURING REPORTING PERIOD

Wastewater discharge samples were collected from the EWTA and AWTA sampling ports by Paradigm Environmental Services, Inc. for laboratory analysis in accordance with the facility's sewer use permit on 9 September, 14 October, 8 November, and 2 December 2024. A sample of the discharge from the EWTA GRTS was also collected on 1 November 2024 after the re-start of the system following repairs to the air stripper system previously discussed in this report.

The laboratory reports with the results of the analysis of the discharge samples are attached for your information.

Groundwater elevation monitoring and the collection of representative samples of groundwater in accordance with the SMP was conducted from 24 through 30 September 2024. The laboratory reports with the results of the analysis of the groundwater samples were reviewed by GHD and a Data Verification Report (DVR) was prepared summarizing the usability of the reported results.

The laboratory data summary reports and the associated DVR are attached for your information.

#### **REMEDIAL SYSTEM PERFORMANCE**

During the reporting period, the volume of groundwater recovered for treatment and discharge to the Monroe County sewer system under the facility's sewer use permit was approximately:

EWTA Groundwater Recovery System:

146,300 gallons 1,436,500 gallons

Bldg. 22 LNAPL / North Parking Lot MCT: 1,436,5

During the reporting period, the total volume of LNAPL recovered by the automated LNAPL recovery systems was 85.5 gallons, and the manual LNAPL recovery efforts conducted each month of the reporting period from the existing monitoring wells resulted in recovery of approximately 32 gallons.

The recovered LNAPL was placed within satellite collection drums for disposal by the Facility.



NYSDEC 14 February 2025 Page 3

#### **REGULATORY COMMUNICATIONS**

On 29 October 2024, the NYSDEC requested another copy of the Final Engineering Report (FER) originally transmitted to the Department on 11 November 2022.

On 31 October 2024, NYSDEC provided a link to the NYSDEC FTS site. A copy of the FER was uploaded, and Joshua Ramsey confirmed receipt via electronic mail.

#### **ACTIVITIES ANTICIPATED FOR 1st QUARTER 2025**

Future project activities anticipated include:

- The continued operation of the Bldg. 22 LNAPL recovery system, EWTA GRTS, Building 1 SSDS, automated LNAPL recovery systems and the North Parking Lot groundwater MCT,
- The collection of treatment system discharge monitoring samples for analysis by a NYSDOH certified environmental laboratory,
- The manual recovery of LNAPL from the existing monitoring wells with recoverable quantities of LNAPL present; and,
- Implementation of the indoor air quality (IAQ) sampling program in accordance with the SMP.

#### CLOSING

If you have any questions concerning this information, please do not hesitate to contact us via electronic mail at <u>dconley@haleyaldrich.com</u> or <u>cmondello@haleyaldrich.com</u> or via telephone at 585.321.4245. Sincerely yours, HALEY & ALDRICH OF NEW YORK

laire L. Mondello

Claire L. Mondello, CHMM Program Manager

Jews M. Conde

Denis M. Conley Senior Associate

Attachments:

Paradigm Environmental Services Laboratory Data Reports: dated 17 September, 21 October, 1 November, 15 November, 18 November and 11 December 2024. ALS Environmental Laboratory Reports: R2409596, R2409644 dated 17 October 2024. GHD Data Verification Report: dated 5 November 2024.



NYSDEC 14 February 2025 Page 4

c: Julia Kenney, NYSDOH David Pratt, NYSDEC Charlotte Theobald, NYSDEC Dudley Loew, NYSDEC Edward Guster, USEPA Merrick Alexander, GM Natalie Hahn, GMCH Casey Essary, GMCH Kenneth Gold, GM

https://haleyaldrich.sharepoint.com/sites/GeneralMotors/Shared Documents/127982.Lexington/Project Status Reports/4th Qtr 2024/report.828064.2025\_0214\_Progress Report\_September-December\_24-F.docx





# Analytical Report For

# **GM Components Holdings, LLC**

For Lab Project ID

# 244141

## Referencing

# GMCH North Side GW Monitoring

## Prepared

## Tuesday, September 17, 2024

Any noncompliant QC parameters or other notes impacting data interpretation are flagged or documented on the final report or are noted below.

Emily 7

Certifies that this report has been approved by the Technical Director or Designee

179 Lake Avenue • Rochester, NY 14608 • (585) 647-2530 • Fax (585) 647-3311 • ELAP ID# 10958



Client:	<u>GM Components Holdings, LLC</u>		
Project Reference:	GMCH North Side GW Monitoring		
Sample Identifier:	Groundwater North Side (Combined)		
Lab Sample ID:	244141-01	Date Sampled: 9/9/2024	9:35
Matrix:	Wastewater	Date Received 9/9/2024	

#### PCBs

Analyte	<u>Result</u>	<u>Units</u>		<u>Qualifier</u>	Date Ana	lyzed
PCB-1016	< 0.100	ug/L		L	9/16/2024	13:52
PCB-1221	< 0.100	ug/L			9/16/2024	13:52
PCB-1232	< 0.100	ug/L			9/16/2024	13:52
PCB-1242	< 0.100	ug/L			9/16/2024	13:52
PCB-1248	< 0.100	ug/L			9/16/2024	13:52
PCB-1254	< 0.100	ug/L			9/16/2024	13:52
PCB-1260	< 0.100	ug/L			9/16/2024	13:52
Surrogate	Percent	<u>Recovery</u>	<u>Limits</u>	<u>Outliers</u>	Date Anal	yzed
Tetrachloro-m-xylene	6	7.5	14.5 - 95.5		9/16/2024	13:52

Method Reference(s):EPA 608.3Preparation Date:9/13/2024

#### **Volatile Organics**

Analyte	<u>Result</u>	<u>Units</u>	Qualifier	Date Anal	<u>yzed</u>
1,1,1-Trichloroethane	< 2.00	ug/L		9/11/2024	20:01
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		9/11/2024	20:01
1,1,2-Trichloroethane	< 2.00	ug/L		9/11/2024	20:01
1,1-Dichloroethane	< 2.00	ug/L		9/11/2024	20:01
1,1-Dichloroethene	< 2.00	ug/L		9/11/2024	20:01
1,2-Dichlorobenzene	< 2.00	ug/L		9/11/2024	20:01
1,2-Dichloroethane	< 2.00	ug/L		9/11/2024	20:01
1,2-Dichloropropane	< 2.00	ug/L		9/11/2024	20:01
1,3-Dichlorobenzene	< 2.00	ug/L		9/11/2024	20:01
1,4-Dichlorobenzene	< 2.00	ug/L		9/11/2024	20:01
2-Chloroethyl vinyl Ether	< 5.00	ug/L		9/11/2024	20:01
Benzene	< 1.00	ug/L		9/11/2024	20:01
Bromodichloromethane	< 2.00	ug/L		9/11/2024	20:01
Bromoform	< 5.00	ug/L		9/11/2024	20:01

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

#### Report Prepared Tuesday, September 17, 2024



Client:	<u>GM Compone</u>	nts Hol	<u>dings, LLC</u>						
Project Reference:	GMCH North Side GW Monitoring								
Sample Identifier:	Groundwater	· North	Side (Combined	)					
Lab Sample ID:	244141-01			Date Sa	<b>mpled:</b> 9/9	9/2024 9::	35		
Matrix:	Wastewater			Date Re	eceived 9/9	9/2024			
Bromomethane		< 2.00	ug/L			9/11/20	24 20:01		
Carbon Tetrachloride		< 2.00	ug/L			9/11/20	24 20:01		
Chlorobenzene		< 2.00	ug/L			9/11/20	24 20:01		
Chloroethane		< 2.00	ug/L			9/11/20	24 20:01		
Chloroform		< 2.00	ug/L			9/11/20	24 20:01		
Chloromethane		< 2.00	ug/L			9/11/20	24 20:01		
cis-1,2-Dichloroethene		4.64	ug/L			9/11/20	24 20:01		
cis-1,3-Dichloropropene	9	< 2.00	ug/L			9/11/20	24 20:01		
Dibromochloromethane	2	< 2.00	ug/L			9/11/20	24 20:01		
Ethylbenzene		< 2.00	ug/L			9/11/20	24 20:01		
Methylene chloride		< 5.00	ug/L			9/11/20	24 20:01		
Tetrachloroethene		< 2.00	ug/L			9/11/20	24 20:01		
Toluene		< 2.00	ug/L			9/11/20	24 20:01		
trans-1,2-Dichloroethen	e	< 2.00	ug/L			9/11/20	24 20:01		
trans-1,3-Dichloroprope	ene	< 2.00	ug/L			9/11/20	24 20:01		
Trichloroethene		< 2.00	ug/L			9/11/20	24 20:01		
Trichlorofluoromethane	2	< 2.00	ug/L			9/11/20	24 20:01		
Vinyl chloride		117	ug/L			9/11/20	24 20:01		
<u>Surrogate</u>		P	ercent Recovery	<u>Limits</u>	<u>Outliers</u>	Date An	alyzed		
1,2-Dichloroethane-d4			96.5	80.5 - 124		9/11/2024	20:01		
4-Bromofluorobenzene			95.9	78.2 - 114		9/11/2024	20:01		
Pentafluorobenzene			99.6	90.8 - 109		9/11/2024	20:01		
Toluene-D8			97.5	90.3 - 110		9/11/2024	20:01		
Method Reference Data File:	e(s): EPA 624. z26432.D	1 )							

The analyte 2-Chloroethyl vinyl Ether does not recover from acid preserved VOA vials.



#### Method Blank Report

Client:	GM Components	<u>Holdings, LLC</u>				
Project Reference:	GMCH North Side	e GW Monitoring				
Lab Project ID:	244141					
Matrix:	Wastewater					
PCBs						
Analyte		Result	<u>Units</u>	Qualifier	Date Analy	zed
PCB-1016		<0.100	ug/L		9/13/2024	15:40
PCB-1221		<0.100	ug/L		9/13/2024	15:40
PCB-1232		<0.100	ug/L		9/13/2024	15:40
PCB-1242		< 0.100	ug/L		9/13/2024	15:40
PCB-1248		< 0.100	ug/L		9/13/2024	15:40
PCB-1254		< 0.100	ug/L		9/13/2024	15:40
PCB-1260		<0.100	ug/L		9/13/2024	15:40
Surrogate		Percent Recovery	<u>Limits</u>	<u>Outliers</u>	Date Anal	yzed
Tetrachloro-m-xylene		52.5	14.5 - 95.5		9/13/2024	15:40
Method Reference Preparation Date QC Batch ID: QC Number:	ce(s): EPA 608.3 e: 9/13/2024 QC240913PC Blk 1	B608				



# **QC Report for Laboratory Control Sample**

**Client:** 

**GM Components Holdings, LLC** 

<b>Project Reference:</b>	GMCH North Side GW Moni	itoring						
Lab Project ID:	244141							
Matrix:	Wastewater							
PCBs								
		Spike	Spike	LCS	LCS %	% Rec	LCS	Date
Analyte		Added	Units	Result	Recovery	Limits	Outliers	Analyzed
PCB-1016		0.500	ug/L	0.183	36.7	50 - 140	*	9/13/2024
PCB-1260		0.500	ug/L	0.259	51.8	8 - 140		9/13/2024
Method Refere	ence(s): EPA 608.3							

QC Batch ID:

Preparation Date: QC Number:

9/13/2024 LCS 1

QC240913PCB608



# **Analytical Report Appendix**

The reported results relate only to the samples as they have been received by the laboratory.

Each page of this document is part of a multipage report. This document may not be reproduced except in its entirety, without the prior consent of Paradigm Environmental Services, Inc.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

Low level Volatiles blank reports for soil/solid matrix are based on a nominal 5 gram weight. Sample results and reporting limits are based on actual weight, which may be more or less than 5 grams.

The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified. Aliquots separated for certain tests, such as TCLP, are indicated on the Chain of Custody and final reports with an "A" suffix.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of analyte-specific, frequently used data flags and their meaning:

"<" = Analyzed for but not detected at or above the quantitation limit.

*"E" = Result has been estimated, calibration limit exceeded.* 

"H" = Denotes a parameter analyzed outside of holding time.

"Z" = See case narrative.

"D" = Sample, Laboratory Control Sample, or Matrix Spike Duplicate results above Relative Percent Difference limit.

*"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.* 

"B" = Method blank contained trace levels of analyte. Refer to included method blank report.

*"J" = Result estimated between the quantitation limit and half the quantitation limit.* 

"L" = Laboratory Control Sample recovery outside accepted QC limits.

"P" = Concentration differs by more than 40% between the primary and secondary analytical columns. "NC" = Not calculable. Applicable to RPD if sample or duplicate result is non-detect or estimated (see primary report for data flags). Applicable to MS if sample is greater or equal to ten times the spike added. Applicable to sample surrogates or MS if sample dilution is 10x or higher.

"\*" = Indicates any recoveries outside associated acceptance windows. Surrogate outliers in samples are presumed matrix effects. LCS demonstrates method compliance unless otherwise noted.

"(1)" = Indicates data from primary column used for QC calculation.

"A" = denotes a parameter for which ELAP does not offer approval as part of their laboratory certification program.

"F" = denotes a parameter for which Paradigm does not carry certification, the results for which should therefore only be used where ELAP certification is not required, such as personal exposure assessment.

# GENERAL TERMS AND CONDITIONS LABORATORY SERVICES

These Terms and Conditions embody the whole agreement of the parties in the absence of a signed and executed contract between the Laboratory (LAB) and Client. They shall supersede all previous communications, representations, or agreements, either verbal or written, between the parties. The LAB specifically rejects all additional, inconsistent, or conflicting terms, whether printed or otherwise set forth in any purchase order or other communication from the Client to the LAB. The invalidity or unenforceability in whole or in part of any provision, term or condition hereof shall not affect in any way the validity or enforceability of the remainder of the Terms and Conditions. No waiver by LAB of any provision, term, or condition hereof or of any breach by or obligation of the Client hereunder shall constitute a waiver of such provision, term, or condition on any other occasion or a waiver of any other breach by or obligation of the Client. This agreement shall be administered and interpreted under the laws of the state which services are procured.

Warranty.	Recognizing that the nature of many samples is unknown and that some may contain potentially hazardous components, LAB warrants only that it will perform testing services, obtain findings, and prepare reports in accordance with generally accepted analytical laboratory principles and practices at the time of performance of services. LAB makes no other warranty, express or implied.
Scope and Compensation.	LAB agrees to perform the services described in the chain of custody to which these terms and conditions are attached. Unless the parties agree in writing to the contrary, the duties of LAB shall not be construed to exceed the services specifically described. LAB wi use LAB default method for all tests unless specified otherwise on the Work Order. Payment terms are net 30 days from the date of invoice. All overdue payments are subject to an interest charge of one and one-half percent (1-1/2%) per month or a portion thereof. Client shall also be responsible for costs of collection, including payment of reasonable attorney fees if such expense is incurred. The prices, unless stated, do not include any sale, use or other taxes. Such taxes will be added to invoice prices when required
Prices.	Compensation for services performed will be based on the current Lab Analytical Fee Schedule or on quotations agreed to in writing by the parties. Turnaround time based charges are determined from the time of resolution of all work order questions. Testimony, court appearances or data compilation for legal action will be charged separately. Evaluation and reporting of initial screening runs may incur additional fees.
Limitations of Liability.	In the event of any error, omission, or other professional negligence, the sole and exclusive responsibility of LAB shall be to re- perform the deficient work at its own expense and LAB shall have no other liability whatsoever. All claims shall be deemed waived unless made in writing and received by LAB within ninety (90) days following completion of services. LAB shall have no liability, obligation, or responsibility of any kind for losses, costs, expenses, or other damages (including but not limited to any special, direct, incidental or consequential damages) with respect to LAB's services or results. All results provided by LAB are strictly for the use of its clients and LAB is in no way responsible for the use of such results by clients or third parties. All reports should be considered in their entirety, and LAB is not responsible for the separation, detachment, or other use of any portion of these reports. Client may not assign the lab report without the written consent of the LAB. Client covenants and agrees, at its/his/her sole expense, to indemnify, protect, defend, and save harmless the LAB from and against any and all damages, losses, liabilities, obligations, penalties, claims, litigation, demands, defenses, judgments, suits, actions, proceedings, costs, disbursements and/or expenses (including, without limitation attorneys' and experts' fees and disbursements) of any kind whatsoever which may at any time be imposed upon, incurred by or asserted or awarded against client relating to, resulting from or arising out of (a) the breach of this agreement by this client, (b) the negligence of the client in handling, delivering or disclosing any hazardous substance, (c) the violation of the Client of any applicable law, (d) non-compliance by the Client with any environmental permit or (e) a material misrepresentation in disclosing the materials to be tested.
Hazard Disclosure.	Client represents and warrants that any sample delivered to LAB will be preceded or accompanied by complete written disclosure of the presence of any hazardous substances known or suspected by Client. Client further warrants that any sample containing any hazardous substance that is to be delivered to LAB will be packaged, labeled, transported, and delivered properly and in accordance with applicable laws.
Sample Handling.	Prior to LAB's acceptance of any sample (or after any revocation of acceptance), the entire risk of loss or of damage to such sample remains with Client. Samples are accepted when receipt is acknowledged on chain of custody documentation. In no event will LAB have any responsibility for the action or inaction of any carrier shipping or delivering any sample to or from LAB premises. Client authorizes LAB to proceed with the analysis of samples as received by the laboratory, recognizing that any samples not in compliance with all current DOH-ELAP-NELAP requirements for containers, preservation or holding time will be noted as such on th final report. Disposal of hazardous waste samples is the responsibility of the Client. If the Client does not wish such samples returned, LAB may add storage and disposal fees to the final invoice. Maximum storage time for samples is 30 days after completion of analysis unless modified by applicable state or federal laws. Client will be required to give the LAB written instructions concerning disposal of these samples. LAB reserves the absolute right, exercisable at any time, to refuse to receive delivery of, refuse to accept, or revoke acceptance of any sample, which, in the sole judgment of LAB (a) is of unsuitable volume, (b) may be or become unsuitable for or may pose a risk in handling, transport, or processing for any health, safety, environmental or other reason whether or not due to the presence in the sample of any hazardous substance, and whether or not such presence has been disclosed to LAB by Client or (c) if the condition or sample date make the sample unsuitable for analysis.
Legal Responsibility.	LAB is solely responsible for performance of this contract, and no affiliated company, director, officer, employee, or agent shall have any legal responsibility hereunder, whether in contract or tort including negligence.
Assignment.	LAB may assign its performance obligations under this contract to other parties, as it deems necessary. LAB shall disclose to Client any assignee (subcontractor) by ELAP ID # on the submitted final report.
Force Majeure.	LAB shall have no responsibility or liability to the Client for any failure or delay in performance by LAB, which results in whole or in part from any cause or circumstance beyond the reasonable control of LAB. Such causes and circumstances shall include, but not limited to, acts of God, acts or orders of any government authority, strikes or other labor disputes, natural disasters, accidents, wars, civil disturbances, difficulties or delays in transportation, mail or delivery services, inability to obtain sufficient services or supplies from LAB's usual suppliers, or any other cause beyond LAB's reasonable control.
Law.	This contract shall be continued under the laws of the State of New York without regard to its conflicts of laws provision.

				 x 226 0 AV2 6 4	DATE COLLECTED TIME P R A R A R A R A R A R A R A R A R A R	N. T. M. MARINE SCI. MARINE	GMCH North Side GW Monitoring	PROJECT REFERENCE		ENVIRONMENTAL SERVICES	PARADIGM		
				Groundwater North Side(Combined)	SAMPLE IDENTIFIER		Matrix Codes: AQ - Aqueous Liquid NQ - Non-Aqueous Liquid WG - Ground	ATTN: Robert Lydell, Natalie Hahn	PHONE: 585-647-4766, 585-280-3352	CITY: Rochester STATE: NY ZIP: 14606	ADDRESS: 1000 Lexington Ave	CLIENT: GM Components Holdings, LLC	REPORT TO:
		email results :	624 + cis	W 3 X X I I I I I I I I I I I I I I I I I	ان	REQUESTED ANALYSIS	DW - Drinking Water SO - Soil WW - Wastewater SL - Sludge	ATTN: Claire Mondello Project Ref# 127982-006	PHONE: (585) 321-4219	CITY: Rochester STATE: NY ZIP: 14623	ADDRESS: 200 Town Center Drive Suite 2	CLIENT: H&A AP@haleyaldrich.com	INVOICE TO:
	halevaldrich com	to Denis Conlev	s-1,2 DCE	<sup>3</sup> CB DL (0.1 ppb)	REMARKS	West and a start of the second	SD - Solid WP - Wipe PT - Paint CK - Caulk	robert.lydell@gm.com	Email: natalie.hahn@gr	Quotation #:	14141		
				61	PARADIGM LAB SAMPLE NUMBER	The way and	OL - Oil AR - Aīr		1.com			J	Dr XWA



いよう

2 f 2



# Chain of Custody Supplement

Client:	GM Components Holdings	Completed by:	Canto fly
Lab Project ID:	244141	Date:	91912024
	Sample Condition Per NELAC/ELAP 210/2	<b>Requirements</b> 241/242/243/244	L.
Condition	NELAC compliance with the sample con Yes	dition requirements No	upon receipt N/A
Container Type			
Comme	ents		
Transferred to method- compliant container			
Headspace (<1 mL) Comme	ents		
Preservation Comme	ents		$\mathcal{A}$
Chlorine Absent (<0.10 ppm per test strip Comme	$\frac{1}{100} \frac{1}{100} \frac{1}$		
Holding Time Comme	ents		
Temperature Comme	nts 40 ( I/ed or	Frill	
Compliant Sample Quant	nts		



# Analytical Report For

# **GM Components Holdings, LLC**

For Lab Project ID

# 244142

# Referencing

# GMCH East Side GW Monitoring

# Prepared

## Tuesday, September 17, 2024

Any noncompliant QC parameters or other notes impacting data interpretation are flagged or documented on the final report or are noted below.

Emily Farmer

Certifies that this report has been approved by the Technical Director or Designee

179 Lake Avenue • Rochester, NY 14608 • (585) 647-2530 • Fax (585) 647-3311 • ELAP ID# 10958



Client:	<u>GM Components Holdings, LLC</u>		
Project Reference:	GMCH East Side GW Monitoring		
Sample Identifier:	Groundwater East Side		
Lab Sample ID:	244142-01	Date Sampled: 9/9/2024	10:03
Matrix:	Wastewater	Date Received 9/9/2024	

#### **Oil and Grease**

Analyte	<u>Result</u>	<u>Units</u>		<u>Qualifier</u>	<b>Date Analyzed</b>
Oil & Grease, Total Recoverable	<4.8	mg/L			9/13/2024
Method Reference(s): Subcontractor ELAP ID:	EPA 1664A 10709				
<u>PCBs</u>					
Analyte	Result	<u>Units</u>		Qualifier	<b>Date Analyzed</b>
PCB-1016	< 0.100	ug/L		L	9/16/2024 14:16
PCB-1221	< 0.100	ug/L			9/16/2024 14:16
PCB-1232	< 0.100	ug/L			9/16/2024 14:16
PCB-1242	< 0.100	ug/L			9/16/2024 14:16
PCB-1248	< 0.100	ug/L			9/16/2024 14:16
PCB-1254	< 0.100	ug/L			9/16/2024 14:16
PCB-1260	< 0.100	ug/L			9/16/2024 14:16
<u>Surrogate</u>	Perce	ent Recovery	<u>Limits</u>	<u>Outliers</u>	<b>Date Analyzed</b>
Tetrachloro-m-xylene		59.0	14.5 - 95.5		9/16/2024 14:16
Method Reference(s): Preparation Date:	EPA 608.3 9/13/2024				
<u>Volatile Organics</u>					
Analyte	Result	<u>Units</u>		Qualifier	<b>Date Analyzed</b>
1,1,1-Trichloroethane	< 2.00	ug/L			9/11/2024 16:03
1,1,2,2-Tetrachloroethane	< 2.00	ug/L			9/11/2024 16:03
1,1,2-Trichloroethane	< 2.00	ug/L			9/11/2024 16:03
1,1-Dichloroethane	< 2.00	ug/L			9/11/2024 16:03
1,1-Dichloroethene	< 2.00	ug/L			9/11/2024 16:03
1,2-Dichlorobenzene	< 2.00	ug/L			9/11/2024 16:03
1,2-Dichloroethane	< 2.00	ug/L			9/11/2024 16:03
1,2-Dichloropropane	< 2.00	ug/L			9/11/2024 16:03
1,3-Dichlorobenzene	< 2.00	ug/L			9/11/2024 16:03



lient:	GM Componer	<u>nts Holdi</u>	<u>ngs, LLC</u>				
roject Reference:	GMCH East Sid	e GW Mo	nitoring				
Sample Identifier:	Groundwater	East Side	!				
Lab Sample ID:	244142-01			Date Sa	mpled: 9/9/	/2024 10	):03
Matrix:	Wastewater			Date Re	eceived 9/9/	/2024	
1,4-Dichlorobenzene		< 2.00	ug/L			9/11/20	24 16:
2-Chloroethyl vinyl Eth	ier	< 5.00	ug/L			9/11/20	24 16:
Benzene		< 1.00	ug/L			9/11/20	24 16:
Bromodichloromethan	e	< 2.00	ug/L			9/11/20	24 16:
Bromoform		< 5.00	ug/L			9/11/20	24 16:
Bromomethane		< 2.00	ug/L			9/11/20	24 16:
Carbon Tetrachloride		< 2.00	ug/L			9/11/20	24 16:
Chlorobenzene		< 2.00	ug/L			9/11/20	24 16:
Chloroethane		< 2.00	ug/L			9/11/20	24 16:
Chloroform		< 2.00	ug/L			9/11/20	24 16:
Chloromethane		< 2.00	ug/L			9/11/20	24 16:
cis-1,2-Dichloroethene		< 2.00	ug/L			9/11/20	24 16:
cis-1,3-Dichloropropen	ie	< 2.00	ug/L			9/11/20	24 16:
Dibromochloromethan	e	< 2.00	ug/L			9/11/20	24 16:
Ethylbenzene		< 2.00	ug/L			9/11/20	24 16:
Methylene chloride		< 5.00	ug/L			9/11/20	24 16:
Tetrachloroethene		< 2.00	ug/L			9/11/20	24 16:
Toluene		< 2.00	ug/L			9/11/20	24 16:
trans-1,2-Dichloroethe	ne	< 2.00	ug/L			9/11/20	24 16:
trans-1,3-Dichloropror	oene	< 2.00	ug/L			9/11/20	24 16:
Trichloroethene		< 2.00	ug/L			9/11/20	24 16:
Trichlorofluoromethan	e	< 2.00	ug/L			9/11/20	24 16:
Vinyl chloride		2.05	ug/L			9/11/20	24 16:
Surrogate		Perc	ent Recovery	<u>Limits</u>	<u>Outliers</u>	Date An	alvzed
1,2-Dichloroethane-d4			107	80.5 - 124		9/11/2024	16:02
4-Bromofluorobenzene	<u>)</u>		90.1	78.2 - 114		9/11/2024	16:03
Pentafluorobenzene			98.9	90.8 - 109		9/11/2024	16:03
Toluene-D8			100	90.3 - 110		9/11/2024	16:03
Method Reference Data File:	ze(s): EPA 624.3 z26420.D	1					

The analyte 2-Chloroethyl vinyl Ether does not recover from acid preserved VOA vials.



#### Method Blank Report

Client:	<u>GM Components</u>	Holdings, LLC				
Project Reference:	GMCH East Side (	W Monitoring				
Lab Project ID:	244142					
Matrix:	Wastewater					
PCBs						
Analyte		Result	<u>Units</u>	Qualifier	Date Analy	zed
PCB-1016		<0.100	ug/L		9/13/2024	15:40
PCB-1221		<0.100	ug/L		9/13/2024	15:40
PCB-1232		<0.100	ug/L		9/13/2024	15:40
PCB-1242		< 0.100	ug/L		9/13/2024	15:40
PCB-1248		<0.100	ug/L		9/13/2024	15:40
PCB-1254		<0.100	ug/L		9/13/2024	15:40
PCB-1260		<0.100	ug/L		9/13/2024	15:40
<u>Surrogate</u>		Percent Recovery	<u>Limits</u>	<u>Outliers</u>	Date Anal	yzed
Tetrachloro-m-xylene	2	52.5	14.5 - 95.5		9/13/2024	15:40
Method Referen Preparation Dat QC Batch ID: QC Number:	ce(s): EPA 608.3 se: 9/13/2024 QC240913PC Blk 1	B608				



# **QC Report for Laboratory Control Sample**

**Client:** 

**GM Components Holdings, LLC** 

<b>Project Reference:</b>	GMCH East Side GW Mon	itoring						
Lab Project ID:	244142							
Matrix:	Wastewater							
PCBs								
		Spike	<u>Spike</u>	LCS	LCS %	<u>% Rec</u>	LCS	Date
Analyte		Added	Units	Result	Recovery	Limits	Outliers	Analyzed
PCB-1016		0.500	ug/L	0.183	36.7	50 - 140	*	9/13/2024
PCB-1260		0.500	ug/L	0.259	51.8	8 - 140		9/13/2024
Method Reference	ence(s): EPA 608.3							

Preparation Date: QC Number: QC Batch ID:

QC240913PCB608

9/13/2024 LCS 1

compliance with the sample condition requirements upon receipt. This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including



# **Analytical Report Appendix**

The reported results relate only to the samples as they have been received by the laboratory.

Each page of this document is part of a multipage report. This document may not be reproduced except in its entirety, without the prior consent of Paradigm Environmental Services, Inc.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

Low level Volatiles blank reports for soil/solid matrix are based on a nominal 5 gram weight. Sample results and reporting limits are based on actual weight, which may be more or less than 5 grams.

The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified. Aliquots separated for certain tests, such as TCLP, are indicated on the Chain of Custody and final reports with an "A" suffix.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of analyte-specific, frequently used data flags and their meaning:

"<" = Analyzed for but not detected at or above the quantitation limit.

*"E" = Result has been estimated, calibration limit exceeded.* 

"H" = Denotes a parameter analyzed outside of holding time.

"Z" = See case narrative.

"D" = Sample, Laboratory Control Sample, or Matrix Spike Duplicate results above Relative Percent Difference limit.

*"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.* 

"B" = Method blank contained trace levels of analyte. Refer to included method blank report.

*"J" = Result estimated between the quantitation limit and half the quantitation limit.* 

"L" = Laboratory Control Sample recovery outside accepted QC limits.

"P" = Concentration differs by more than 40% between the primary and secondary analytical columns. "NC" = Not calculable. Applicable to RPD if sample or duplicate result is non-detect or estimated (see primary report for data flags). Applicable to MS if sample is greater or equal to ten times the spike added. Applicable to sample surrogates or MS if sample dilution is 10x or higher.

"\*" = Indicates any recoveries outside associated acceptance windows. Surrogate outliers in samples are presumed matrix effects. LCS demonstrates method compliance unless otherwise noted.

"(1)" = Indicates data from primary column used for QC calculation.

"A" = denotes a parameter for which ELAP does not offer approval as part of their laboratory certification program.

"F" = denotes a parameter for which Paradigm does not carry certification, the results for which should therefore only be used where ELAP certification is not required, such as personal exposure assessment.

# GENERAL TERMS AND CONDITIONS LABORATORY SERVICES

These Terms and Conditions embody the whole agreement of the parties in the absence of a signed and executed contract between the Laboratory (LAB) and Client. They shall supersede all previous communications, representations, or agreements, either verbal or written, between the parties. The LAB specifically rejects all additional, inconsistent, or conflicting terms, whether printed or otherwise set forth in any purchase order or other communication from the Client to the LAB. The invalidity or unenforceability in whole or in part of any provision, term or condition hereof shall not affect in any way the validity or enforceability of the remainder of the Terms and Conditions. No waiver by LAB of any provision, term, or condition hereof or of any breach by or obligation of the Client hereunder shall constitute a waiver of such provision, term, or condition on any other occasion or a waiver of any other breach by or obligation of the Client. This agreement shall be administered and interpreted under the laws of the state which services are procured.

Warranty.	Recognizing that the nature of many samples is unknown and that some may contain potentially hazardous components, LAB warrants only that it will perform testing services, obtain findings, and prepare reports in accordance with generally accepted analytical laboratory principles and practices at the time of performance of services. LAB makes no other warranty, express or implied.
Scope and Compensation.	LAB agrees to perform the services described in the chain of custody to which these terms and conditions are attached. Unless the parties agree in writing to the contrary, the duties of LAB shall not be construed to exceed the services specifically described. LAB wi use LAB default method for all tests unless specified otherwise on the Work Order. Payment terms are net 30 days from the date of invoice. All overdue payments are subject to an interest charge of one and one-half percent (1-1/2%) per month or a portion thereof. Client shall also be responsible for costs of collection, including payment of reasonable attorney fees if such expense is incurred. The prices, unless stated, do not include any sale, use or other taxes. Such taxes will be added to invoice prices when required.
Prices.	Compensation for services performed will be based on the current Lab Analytical Fee Schedule or on quotations agreed to in writing by the parties. Turnaround time based charges are determined from the time of resolution of all work order questions. Testimony, court appearances or data compilation for legal action will be charged separately. Evaluation and reporting of initial screening runs may incur additional fees.
Limitations of Liability.	In the event of any error, omission, or other professional negligence, the sole and exclusive responsibility of LAB shall be to re- perform the deficient work at its own expense and LAB shall have no other liability whatsoever. All claims shall be deemed waived unless made in writing and received by LAB within ninety (90) days following completion of services. LAB shall have no liability, obligation, or responsibility of any kind for losses, costs, expenses, or other damages (including but not limited to any special, direct, incidental or consequential damages) with respect to LAB's services or results. All results provided by LAB are strictly for the use of its clients and LAB is in no way responsible for the use of such results by clients or third parties. All reports should be considered in their entirety, and LAB is not responsible for the separation, detachment, or other use of any portion of these reports. Client may not assign the lab report without the written consent of the LAB. Client covenants and agrees, at its/his/her sole expense, to indemnify, protect, defend, and save harmless the LAB from and against any and all damages, losses, liabilities, obligations, penalties, claims, litigation, demands, defenses, judgments, suits, actions, proceedings, costs, disbursements and/or expenses (including, without limitation attorneys' and experts' fees and disbursements) of any kind whatsoever which may at any time be imposed upon, incurred by or asserted or awarded against client relating to, resulting from or arising out of (a) the breach of this agreement by this client, (b) the negligence of the client in handling, delivering or disclosing any hazardous substance, (c) the violation of the Client of any applicable law, (d) non-compliance by the Client with any environmental permit or (e) a material misrepresentation in disclosing the materials to be tested.
Hazard Disclosure.	Client represents and warrants that any sample delivered to LAB will be preceded or accompanied by complete written disclosure of the presence of any hazardous substances known or suspected by Client. Client further warrants that any sample containing any hazardous substance that is to be delivered to LAB will be packaged, labeled, transported, and delivered properly and in accordance with applicable laws.
Sample Handling.	Prior to LAB's acceptance of any sample (or after any revocation of acceptance), the entire risk of loss or of damage to such sample remains with Client. Samples are accepted when receipt is acknowledged on chain of custody documentation. In no event will LAB have any responsibility for the action or inaction of any carrier shipping or delivering any sample to or from LAB premises. Client authorizes LAB to proceed with the analysis of samples as received by the laboratory, recognizing that any samples not in compliance with all current DOH-ELAP-NELAP requirements for containers, preservation or holding time will be noted as such on the final report. Disposal of hazardous waste samples is the responsibility of the Client. If the Client does not wish such samples returned, LAB may add storage and disposal fees to the final invoice. Maximum storage time for samples is 30 days after completion of analysis unless modified by applicable state or federal laws. Client will be required to give the LAB written instructions concerning disposal of these samples. LAB reserves the absolute right, exercisable at any time, to refuse to receive delivery of, refuse to accept, or revoke acceptance of any sample, which, in the sole judgment of LAB (a) is of unsuitable volume, (b) may be or become unsuitable for or may pose a risk in handling, transport, or processing for any health, safety, environmental or other reason whether or not due to the presence in the sample of any hazardous substance, and whether or not such presence has been disclosed to LAB by Client or (c) if the condition or sample date make the sample unsuitable for analysis.
Legal Responsibility.	LAB is solely responsible for performance of this contract, and no affiliated company, director, officer, employee, or agent shall have any legal responsibility hereunder, whether in contract or tort including negligence.
Assignment.	LAB may assign its performance obligations under this contract to other parties, as it deems necessary. LAB shall disclose to Client any assignee (subcontractor) by ELAP ID # on the submitted final report.
Force Majeure.	LAB shall have no responsibility or liability to the Client for any failure or delay in performance by LAB, which results in whole or in part from any cause or circumstance beyond the reasonable control of LAB. Such causes and circumstances shall include, but not limited to, acts of God, acts or orders of any government authority, strikes or other labor disputes, natural disasters, accidents, wars, civil disturbances, difficulties or delays in transportation, mail or delivery services, inability to obtain sufficient services or supplies from LAB's usual suppliers, or any other cause beyond LAB's reasonable control.
Law.	This contract shall be continued under the laws of the State of New York without regard to its conflicts of laws provision.

to to

ດ	
I	
Þ	
5	
<	
0	
Ť	
х.	
2	
2	
2	
X	
2	
<b>~</b>	

				x 2001 Arr2 616	DATE COLLECTED TIME O A A A A A A A A A A A A A A A A A A		GMCH East Side GW Monitoring	<b>PROJECT REFERENCE</b>		ENVIRONMENTAL SERVICES	PARANIGM	an even accounterance in the second	
			ĸ	Groundwater East Side	SAMPLE IDENTIFIER		Matrix Codes: AQ - Aqueous Liquid NQ - Non-Aqueous Liquid WG - Gro	ATTN: Robert Lydell, Natalie Hahn	PHONE: 585-647-4766, 585-280-3352	CITY: Rochester STATE: NY ZIP: 146	ADDRESS: 1000 Lexington Ave	CLIENT: GM Components Holdings, LLC	REPORT TO:
		email re		WW 4 X X X I I I I I I I I I I I I I I I I	x - ガ - シ - ズ w m つ O O T O ガ m 団 王 C 2 w ガ m z - シ - J Z O O PCBs 608 624 Site Specific(HCL) Oil annd Grease(H2SO4)	REQUESTED ANALYSIS	er DW - Drinking Water SO - Soit undwater WW - Wastewater SL - Sludge	ATTN: Claire Mondello Project Ref # 127982-006	PHONE: (585) 321-4219	06 CITY: Rochester STATE NY ZIP: 146	ADDRESS: 200 Town Center Drive Suite 2	CLIENT: H&A AP@haleyaldrich.com	INVOICE TO:
	y@haleyaldrich.com	sults to Denis Conley		vel PCB DL (0.1 ppb)	REMARKS	· · · · · · · · · · · · · · · · · · ·	SD - Solid WP - Wipe PT - Paint CK - Caulk	robert.lydell@gm.com	Email: natalie.hahn@gm.	23 Quotation #:	PH127		
				0)	PARADIGM LAB SAMPLE NUMBER	ALC: N	OL - Cil AR - Air		com				



PARADIGM	<u>Chain</u>	<u>of Custody Su</u>	pplement
Client:	GM Components Holdings	Completed by:	Ullitates block
Lab Project ID:	244 142	Date:	9/9/2029

# Sample Condition Requirements Per NELAC/ELAP 210/241/242/243/244

Condition	NELAC compliance with the sample Yes	e condition requireme No	ents upon receipt N/A
Container Type	- P		
Comments			
Transferred to method- compliant container			
Headspace (<1 mL) Comments	& VOA		
Preservation Comments	De VOA /La	u) 🔲	
<b>Chlorine Absent</b> (<0.10 ppm per test strip) Comments	1624; CI neg	,	L
Holding Time Comments			
Femperature			
Comments	10° Fled in	Find	
Compliant Sample Quantity/T	/pe		
Comments			

		5	1.0	4 /10 /2 4 Date/Time	By	ceived @ Lab	Re	×		perature:	Tem	Comments:
		P.I.F.	2://	9/10/24 Date/Time		ceived By	Re	 ≺ □		ing Time:	Hold	Comments:
		、 い い	30	9 /10 /2 1 Date/Time		linguished By	Z Re	×		ervation:	Pres	Comments:
		Total Cost:		Date/Time		mpled,By		 ≺		iner Type:	Conta	Comments:
							mpliance	NELAC Co		ot Paramete	Receip	
								NE**	HIS LI	BELOW T	EONLY E	Sample Con
												10
												9
												8
												7
									1999-1997-1999-1999	erendro borner		6
												ΟΊ
												4
												ω
								1				2
		14142.01	25		- <u>`</u>	WW	Side	Groudwater East	×	ŝ	Y 10:0	1 9/9/2
867 77	PARADIGM SAMPLE NUM	REMARKS			⊅ m ໝ ≝ c z ທ ⊅ m z – > ⊣ z o ດ Oil & Grease (H2SO4)	X - Z - Z	JCATION/FIELD ID	SAMPLE L	טע⊲ מ	m — → vo z ≥ o o	TIM	DATE
	h el	Due Date: Ⴗ //フ ,		STED ANALYSIS	REQUE		riease en					
	X 5	1 2 3		nts Payable	Accour	A	ling	ATTN: Repor			JSITE NAME:	PROJECT NAME
24	STD			FAX:	HONE:	9	30 FAX:	PHONE: 585-647-25:				
Den Opij	IG DAYS)	TURNAROUND TIME: (WORKIN	ZIP:	STATE:	згтү:	ZIP: 14608 C	STATE: NY	city: Rochester		LSERV	NMENTA	ENVIRO
		[			ADDRESS:	Þ	ake Ave	ADDRESS: 179 La	3			
D of	NT PROJECT #:	LAB PROJECT #: CLIE		me	COMPANY: Sar		igm Environmenta	COMPANY: Parad				
10	1070			TODY	OF CUS	CHAIN		1/2				
		1 07 1	17-3311	647-2530 Fax (585) 64	14608 Office (585)	Rochester, NY	179 Lake Avenue,	0910007				

11. 11. 11.

\*



# Analytical Report For

# **GM Components Holdings, LLC**

For Lab Project ID

# 245154

Referencing

Groundwater East Side

Prepared

Monday, November 11, 2024

Any noncompliant QC parameters or other notes impacting data interpretation are flagged or documented on the final report or are noted below.



Certifies that this report has been approved by the Technical Director or Designee

179 Lake Avenue • Rochester, NY 14608 • (585) 647-2530 • Fax (585) 647-3311 • ELAP ID# 10958

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

Report Prepared Monday, November 11, 2024



Client:	<u>GM Components Holdings, LLC</u>	
Project Reference:	Groundwater East Side	
Sample Identifier:	Groundwater East Side	
Lab Sample ID:	245154-01	Date Sampled: 11/1/2024 10:54
Matrix:	Wastewater	Date Received 11/1/2024

#### Oil and Grease

Analyte	<u>Result</u>	<u>Units</u>		<u>Qualifier</u>	<b>Date Analyzed</b>
Oil & Grease, Total Recoverable	<4.8	mg/L			11/6/2024
Method Reference(s): Subcontractor ELAP ID:	EPA 1664A 10709				
<u>PCBs</u>					
Analyte	Result	<u>Units</u>		Qualifier	<b>Date Analyzed</b>
PCB-1016	< 0.100	ug/L			11/8/2024 07:35
PCB-1221	< 0.100	ug/L			11/8/2024 07:35
PCB-1232	< 0.100	ug/L			11/8/2024 07:35
PCB-1242	< 0.100	ug/L			11/8/2024 07:35
PCB-1248	< 0.100	ug/L			11/8/2024 07:35
PCB-1254	< 0.100	ug/L			11/8/2024 07:35
PCB-1260	< 0.100	ug/L			11/8/2024 07:35
<u>Surrogate</u>	Perce	ent Recovery	<u>Limits</u>	<u>Outliers</u>	<b>Date Analyzed</b>
Tetrachloro-m-xylene		92.6	14.5 - 95.5		11/8/2024 07:35
Method Reference(s): Preparation Date:	EPA 608.3 11/7/2024				
<u>Volatile Organics</u>					
Analyte	Result	<u>Units</u>		Qualifier	<b>Date Analyzed</b>
1,1,1-Trichloroethane	< 2.00	ug/L			11/5/2024 16:07
1,1,2,2-Tetrachloroethane	< 2.00	ug/L			11/5/2024 16:07
1,1,2-Trichloroethane	< 2.00	ug/L			11/5/2024 16:07
1,1-Dichloroethane	< 2.00	ug/L			11/5/2024 16:07
1,1-Dichloroethene	< 2.00	ug/L			11/5/2024 16:07
1,2-Dichlorobenzene	< 2.00	ug/L			11/5/2024 16:07
1,2-Dichloroethane	< 2.00	ug/L			11/5/2024 16:07
1,2-Dichloropropane	< 2.00	ug/L			11/5/2024 16:07
1,3-Dichlorobenzene	< 2.00	ug/L			11/5/2024 16:07

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

Report Prepared Monday, November 11, 2024



Client:	<u>GM Compone</u>	nts Holdi	<u>ngs, LLC</u>				
Project Reference:	Groundwater	East Side					
Sample Identifier:	Groundwater	r East Side					
Lab Sample ID:	245154-01			Date Sa	<b>mpled:</b> 11/	/1/2024 10	):54
Matrix:	Wastewater			Date Re	ceived 11/	/1/2024	
1,4-Dichlorobenzene		< 2.00	ug/L			11/5/20	24 16:07
2-Chloroethyl vinyl E	ther	< 5.00	ug/L			11/5/20	24 16:07
Benzene		< 1.00	ug/L			11/5/20	24 16:07
Bromodichlorometha	ine	< 2.00	ug/L			11/5/20	24 16:07
Bromoform		< 5.00	ug/L			11/5/20	24 16:07
Bromomethane		< 2.00	ug/L			11/5/20	24 16:07
Carbon Tetrachloride	9	< 2.00	ug/L			11/5/20	24 16:07
Chlorobenzene		< 2.00	ug/L			11/5/20	24 16:07
Chloroethane		< 2.00	ug/L			11/5/20	24 16:07
Chloroform		< 2.00	ug/L			11/5/20	24 16:07
Chloromethane		< 2.00	ug/L			11/5/20	24 16:07
cis-1,2-Dichloroethen	ne	< 2.00	ug/L			11/5/20	24 16:07
cis-1,3-Dichloroprope	ene	< 2.00	ug/L			11/5/20	24 16:07
Dibromochlorometha	ine	< 2.00	ug/L			11/5/20	24 16:07
Ethylbenzene		< 2.00	ug/L			11/5/20	24 16:07
Methylene chloride		< 5.00	ug/L			11/5/20	24 16:07
Tetrachloroethene		< 2.00	ug/L			11/5/20	24 16:07
Toluene		< 2.00	ug/L			11/5/20	24 16:07
trans-1,2-Dichloroeth	iene	< 2.00	ug/L			11/5/20	24 16:07
trans-1,3-Dichloropro	opene	< 2.00	ug/L			11/5/20	24 16:07
Trichloroethene		< 2.00	ug/L			11/5/20	24 16:07
Trichlorofluorometha	ane	< 2.00	ug/L			11/5/20	24 16:07
Vinyl chloride		4.87	ug/L			11/5/20	24 16:07
<u>Surrogate</u>		Perc	ent Recovery	<u>Limits</u>	<u>Outliers</u>	Date An	alyzed
1,2-Dichloroethane-d	4		101	80.5 - 124		11/5/2024	16:07
4-Bromofluorobenzei	ne		99.5	78.2 - 114		11/5/2024	16:07
Pentafluorobenzene			101	90.8 - 109		11/5/2024	16:07
Toluene-D8			100	90.3 - 110		11/5/2024	16:07
Method Refere Data File:	nce(s): EPA 624. z27574.I	.1 )					

The analyte 2-Chloroethyl vinyl Ether does not recover from acid preserved VOA vials.

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

Report Prepared Monday, November 11, 2024



# **Analytical Report Appendix**

The reported results relate only to the samples as they have been received by the laboratory.

Each page of this document is part of a multipage report. This document may not be reproduced except in its entirety, without the prior consent of Paradigm Environmental Services, Inc.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

Low level Volatiles blank reports for soil/solid matrix are based on a nominal 5 gram weight. Sample results and reporting limits are based on actual weight, which may be more or less than 5 grams.

The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified. Aliquots separated for certain tests, such as TCLP, are indicated on the Chain of Custody and final reports with an "A" suffix.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of analyte-specific, frequently used data flags and their meaning:

"<" = Analyzed for but not detected at or above the quantitation limit.

*"E" = Result has been estimated, calibration limit exceeded.* 

"H" = Denotes a parameter analyzed outside of holding time.

"Z" = See case narrative.

"D" = Sample, Laboratory Control Sample, or Matrix Spike Duplicate results above Relative Percent Difference limit.

*"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.* 

"B" = Method blank contained trace levels of analyte. Refer to included method blank report.

*"J" = Result estimated between the quantitation limit and half the quantitation limit.* 

"L" = Laboratory Control Sample recovery outside accepted QC limits.

"P" = Concentration differs by more than 40% between the primary and secondary analytical columns. "NC" = Not calculable. Applicable to RPD if sample or duplicate result is non-detect or estimated (see primary report for data flags). Applicable to MS if sample is greater or equal to ten times the spike added. Applicable to sample surrogates or MS if sample dilution is 10x or higher.

"\*" = Indicates any recoveries outside associated acceptance windows. Surrogate outliers in samples are presumed matrix effects. LCS demonstrates method compliance unless otherwise noted.

"(1)" = Indicates data from primary column used for QC calculation.

"A" = denotes a parameter for which ELAP does not offer approval as part of their laboratory certification program.

"F" = denotes a parameter for which Paradigm does not carry certification, the results for which should therefore only be used where ELAP certification is not required, such as personal exposure assessment.

# GENERAL TERMS AND CONDITIONS LABORATORY SERVICES

These Terms and Conditions embody the whole agreement of the parties in the absence of a signed and executed contract between the Laboratory (LAB) and Client. They shall supersede all previous communications, representations, or agreements, either verbal or written, between the parties. The LAB specifically rejects all additional, inconsistent, or conflicting terms, whether printed or otherwise set forth in any purchase order or other communication from the Client to the LAB. The invalidity or unenforceability in whole or in part of any provision, term or condition hereof shall not affect in any way the validity or enforceability of the remainder of the Terms and Conditions. No waiver by LAB of any provision, term, or condition hereof or of any breach by or obligation of the Client hereunder shall constitute a waiver of such provision, term, or condition on any other occasion or a waiver of any other breach by or obligation of the Client. This agreement shall be administered and interpreted under the laws of the state which services are procured.

Warranty.	Recognizing that the nature of many samples is unknown and that some may contain potentially hazardous components, LAB warrants only that it will perform testing services, obtain findings, and prepare reports in accordance with generally accepted analytical laboratory principles and practices at the time of performance of services. LAB makes no other warranty, express or implied.
Scope and Compensation.	LAB agrees to perform the services described in the chain of custody to which these terms and conditions are attached. Unless the parties agree in writing to the contrary, the duties of LAB shall not be construed to exceed the services specifically described. LAB wi use LAB default method for all tests unless specified otherwise on the Work Order. Payment terms are net 30 days from the date of invoice. All overdue payments are subject to an interest charge of one and one-half percent (1-1/2%) per month or a portion thereof. Client shall also be responsible for costs of collection, including payment of reasonable attorney fees if such expense is incurred. The prices, unless stated, do not include any sale, use or other taxes. Such taxes will be added to invoice prices when required.
Prices.	Compensation for services performed will be based on the current Lab Analytical Fee Schedule or on quotations agreed to in writing by the parties. Turnaround time based charges are determined from the time of resolution of all work order questions. Testimony, court appearances or data compilation for legal action will be charged separately. Evaluation and reporting of initial screening runs may incur additional fees.
Limitations of Liability.	In the event of any error, omission, or other professional negligence, the sole and exclusive responsibility of LAB shall be to re- perform the deficient work at its own expense and LAB shall have no other liability whatsoever. All claims shall be deemed waived unless made in writing and received by LAB within ninety (90) days following completion of services. LAB shall have no liability, obligation, or responsibility of any kind for losses, costs, expenses, or other damages (including but not limited to any special, direct, incidental or consequential damages) with respect to LAB's services or results. All results provided by LAB are strictly for the use of its clients and LAB is in no way responsible for the use of such results by clients or third parties. All reports should be considered in their entirety, and LAB is not responsible for the separation, detachment, or other use of any portion of these reports. Client may not assign the lab report without the written consent of the LAB. Client covenants and agrees, at its/his/her sole expense, to indemnify, protect, defend, and save harmless the LAB from and against any and all damages, losses, liabilities, obligations, penalties, claims, litigation, demands, defenses, judgments, suits, actions, proceedings, costs, disbursements and/or expenses (including, without limitation attorneys' and experts' fees and disbursements) of any kind whatsoever which may at any time be imposed upon, incurred by or asserted or awarded against client relating to, resulting from or arising out of (a) the breach of this agreement by this client, (b) the negligence of the client in handling, delivering or disclosing any hazardous substance, (c) the violation of the Client of any applicable law, (d) non-compliance by the Client with any environmental permit or (e) a material misrepresentation in disclosing the materials to be tested.
Hazard Disclosure.	Client represents and warrants that any sample delivered to LAB will be preceded or accompanied by complete written disclosure of the presence of any hazardous substances known or suspected by Client. Client further warrants that any sample containing any hazardous substance that is to be delivered to LAB will be packaged, labeled, transported, and delivered properly and in accordance with applicable laws.
Sample Handling.	Prior to LAB's acceptance of any sample (or after any revocation of acceptance), the entire risk of loss or of damage to such sample remains with Client. Samples are accepted when receipt is acknowledged on chain of custody documentation. In no event will LAB have any responsibility for the action or inaction of any carrier shipping or delivering any sample to or from LAB premises. Client authorizes LAB to proceed with the analysis of samples as received by the laboratory, recognizing that any samples not in compliance with all current DOH-ELAP-NELAP requirements for containers, preservation or holding time will be noted as such on th final report. Disposal of hazardous waste samples is the responsibility of the Client. If the Client does not wish such samples returned, LAB may add storage and disposal fees to the final invoice. Maximum storage time for samples is 30 days after completion of analysis unless modified by applicable state or federal laws. Client will be required to give the LAB written instructions concerning disposal of these samples. LAB reserves the absolute right, exercisable at any time, to refuse to receive delivery of, refuse to accept, or revoke acceptance of any sample, which, in the sole judgment of LAB (a) is of unsuitable volume, (b) may be or become unsuitable for or may pose a risk in handling, transport, or processing for any health, safety, environmental or other reason whether or not due to the presence in the sample of any hazardous substance, and whether or not such presence has been disclosed to LAB by Client or (c) if the condition or sample date make the sample usuitable for analysis.
Legal Responsibility.	LAB is solely responsible for performance of this contract, and no affiliated company, director, officer, employee, or agent shall have any legal responsibility hereunder, whether in contract or tort including negligence.
Assignment.	LAB may assign its performance obligations under this contract to other parties, as it deems necessary. LAB shall disclose to Client any assignee (subcontractor) by ELAP ID # on the submitted final report.
Force Majeure.	LAB shall have no responsibility or liability to the Client for any failure or delay in performance by LAB, which results in whole or in part from any cause or circumstance beyond the reasonable control of LAB. Such causes and circumstances shall include, but not limited to, acts of God, acts or orders of any government authority, strikes or other labor disputes, natural disasters, accidents, wars, civil disturbances, difficulties or delays in transportation, mail or delivery services, inability to obtain sufficient services or supplies from LAB's usual suppliers, or any other cause beyond LAB's reasonable control.
Law.	This contract shall be continued under the laws of the State of New York without regard to its conflicts of laws provision.

0
Ξ
Þ
Ξ
2
NY.
2
5
-
10
TOD
TODY

Temp Comments:{/ / ° ⊂ ∶;	Comments: Holdin	Prese Comments:	Contai Comments:	Sample Condition: F	"LAB USE ONL"	10	9	8	7	ס	5	4	3	2	1 11/1/2024 10	DATE			PROJECT NAME/SITE NAME	(585) 647-2530 * (800	Rochester, NY 1460	179 Lake Avenue	SERVICES,	ENVIRONM	PARAD
erature: ( د يا زړ	ng Time:	ervation:	ner Type:	ver NELAC/	Y BELOW										:54am	TIME			Ū	)) 724-1997	6		INC.	ENTAL	IGM
Field				ELAP 21	THIS I										×	מג⊲ם		COMN	ATTN	PHON	CITY:	ADDR	COMP	-	
<u>τι (</u> [1]24 [6: 12] Ν	× □ □		× □ 2 □	0/241/242/243/244 NELAC Compliance	LINE"										Groundwater East Side	SAMPLE LOCATION/FIELD ID		ENTS: email to: natalie.hub	Notonic Hann, Robert Lyo	E: 931-215-1139 FAX:	Rochester STATE N	ESS: 1000 Lexington Avenue	ANY: GM Rochester	REPORT TO:	
Received @ Lab By	Received By	Relinquished By	Matalie Adr Sampled By	$\mathcal{O}$											WW 4 X	× – ス – レ s フ m យ s c z の プ m z – レ – z o o PCBs 608	R	in egm. com, robert. 1	ATTN: Clai	PHONE: (585	Y ZIP: 14606 CITY: Roc	ADDRESS:	COMPANY:		CHAIN OF
11 /1 /2 √ Date/Time	L l(-1-24 Date/Time	ال (ار ۲۵۵۲ م Date/Time	/ /2024 Date/Time									pre misters be whilet	- + CIS-1,200E			624 Site Specific (HCL) Oil and Grease (H2	EQUESTED ANALYSIS	ydell@gm.com	re Mondello Project Ref # 127	)-321-4219 FAX:	hester STATE: NY ZIP	200 Town Center Drive Suite 2	+&A AP@haleyaldrich.com	INVOICE TO:	CUSTODY
16:31	1:05pam P.I.F.	1:05 pm	10:55 am Total Cos						dconley@haleyaldrich.com	email results to Denis Conley					Low level PCB DL (0.1 pp	REMARKS		Quotation #	982-006 1 2	] ] ]	: 14623 TURNAROUND TIME: (WOR	245154	LAB PROJECT #: C		
															0 1	PARADIGM LAB SAMPLE NUMBER			3 X 5	STD OTHER	KING DAYS)		LIENT PROJECT #:		1.72

Page 6 of 8

# PARADIGM ENVIRONMENTAL SERVICES

# Chain of Custody Supplement

Client:	GM Rochester	Completed by:	Ceduin
Lab Project ID:	245154	Date:	11/1/24
	Sample Condition Per NELAC/ELAP 210	<b>n Requirements</b> )/241/242/243/244	
Condition	NELAC compliance with the sample concerning the sample of Yes	ondition requirements upor No	n receipt N/A
Container Type Comments			
Transferred to method- compliant container			
Headspace (<1 mL) Comments	Vo A		
Preservation Comments	VOA (pr	(qbel)	T PCB
<b>Chlorine Absent</b> (<0.10 ppm per test strip) Comments	VOA: CI-neg.		X of G
Holding Time Comments		Mlori+	<u>estrip bot# 012V431</u> -HH
<b>Temperature</b> Comments	11.0°C iced in field		
C <b>ompliant Sample Quantity/T</b> Comments	ype		

179 Lake Avenue,
Rochester, I
₹
14608
Office (585)
) 647-2530
Fax (585)
64

8 33

). -T

ELAP ID: 10709

PROJECT NAME/SITE NAME:	ATTN: Rep	orting	ATTN: Accounts Pavab	ble	] ] ]	
	COMMENTS: Plea	se email results to reporting@	aradigmenv.com		)ate Due: \\ /\\ /	24
			REQUESTED AN			
■ <b>E</b> O O	<u>۵</u>	> ₹	د z ۲ z o n الاه ک ک			
DATE TIME	Ω ⊲ Ω A	APLE LOCATION/FIELD ID	אש שש - אש שי ייי ייי ייי ייי ייי ייי ייי ייי ייי		REMARKS	PARADIGM LAB SAMPLE NUMBER
1 11/12 10:54	X Gloundu	vater East Side WW	- X	15451	54-01	
3						
4						
5						
8						
0						
10						
Sample Condition: Per NELAC/ELAP 210/2	NE** 41/242/243/244					
Receipt Parameter	NELAC C	ompliance				
Container Type:	×	N Clien				
Preservation:	×		P/ 11 /4	02:30	Total Cost:	
Holding Time: Comments:	≺ □	N TAPA		Date/Time	ſ	
Comments:	< []	N Received By		atertime IS'A'		
		Received @ La	By	ate/Time		

Page 8 of 8



# Analytical Report For

# **GM Components Holdings, LLC**

For Lab Project ID

# 245294

Referencing

# GMCH East Side GW Monitoring

## Prepared

### Monday, November 18, 2024

Any noncompliant QC parameters or other notes impacting data interpretation are flagged or documented on the final report or are noted below.

Emily James

Certifies that this report has been approved by the Technical Director or Designee

179 Lake Avenue • Rochester, NY 14608 • (585) 647-2530 • Fax (585) 647-3311 • ELAP ID# 10958



Client:	<u>GM Components Holdings, LLC</u>	
Project Reference:	GMCH East Side GW Monitoring	
Sample Identifier:	Groundwater East Side	
Lab Sample ID:	245294-01	Date Sampled: 11/8/2024 13:58
Matrix:	Wastewater	Date Received 11/8/2024

#### **Oil and Grease**

Analyte	<u>Result</u>	<u>Units</u>		<b>Qualifier</b>	<b>Date Analyzed</b>
Oil & Grease, Total Recoverable	<4.8	mg/L		L	11/12/2024
Method Reference(s): Subcontractor ELAP ID:	EPA 1664A 10709				
<u>PCBs</u>					
Analyte	Result	<u>Units</u>		Qualifier	<b>Date Analyzed</b>
PCB-1016	< 0.112	ug/L			11/15/2024 12:12
PCB-1221	< 0.112	ug/L			11/15/2024 12:12
PCB-1232	< 0.112	ug/L			11/15/2024 12:12
PCB-1242	< 0.112	ug/L			11/15/2024 12:12
PCB-1248	< 0.112	ug/L			11/15/2024 12:12
PCB-1254	< 0.112	ug/L			11/15/2024 12:12
PCB-1260	< 0.112	ug/L			11/15/2024 12:12
<u>Surrogate</u>	Perc	<u>ent Recovery</u>	<u>Limits</u>	<b>Outliers</b>	<b>Date Analyzed</b>
Tetrachloro-m-xylene		36.3	14.5 - 95.5	1	1/15/2024 12:12
Method Reference(s): Preparation Date:	EPA 608.3 11/14/2024				
Volatile Organics					
Analyte	Result	<u>Units</u>		Qualifier	<b>Date Analyzed</b>
1,1,1-Trichloroethane	< 2.00	ug/L			11/13/2024 16:11
1,1,2,2-Tetrachloroethane	< 2.00	ug/L			11/13/2024 16:11
1,1,2-Trichloroethane	< 2.00	ug/L			11/13/2024 16:11
1,1-Dichloroethane	< 2.00	ug/L			11/13/2024 16:11
1,1-Dichloroethene	< 2.00	ug/L			11/13/2024 16:11
1,2-Dichlorobenzene	< 2.00	ug/L			11/13/2024 16:11
1,2-Dichloroethane	< 2.00	ug/L			11/13/2024 16:11
1,2-Dichloropropane	< 2.00	ug/L			11/13/2024 16:11
1,3-Dichlorobenzene	< 2.00	ug/L			11/13/2024 16:11

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

Report Prepared Monday, November 18, 2024



Client:	<u>GM Compone</u>	nts Holdi	<u>ngs, LLC</u>							
Project Reference:	GMCH East Side GW Monitoring									
Sample Identifier:	Groundwater	· East Side								
Lab Sample ID:	245294-01			Date Sa	mpled: 11,	/8/2024 13	3:58			
Matrix:	Wastewater			Date Re	eceived 11	/8/2024				
						-				
1,4-Dichlorobenzene		< 2.00	ug/L			11/13/20	)24 16:11			
2-Chloroethyl vinyl Et	ther	< 5.00	ug/L			11/13/20	)24 16:11			
Benzene		< 1.00	ug/L			11/13/20	)24 16:11			
Bromodichlorometha	ne	< 2.00	ug/L			11/13/20	)24 16:11			
Bromoform		< 5.00	ug/L			11/13/20	024 16:11			
Bromomethane		< 2.00	ug/L			11/13/20	024 16:11			
Carbon Tetrachloride		< 2.00	ug/L			11/13/20	)24 16:11			
Chlorobenzene		< 2.00	ug/L			11/13/20	)24 16:11			
Chloroethane		< 2.00	ug/L			11/13/20	)24 16:11			
Chloroform		< 2.00	ug/L			11/13/20	024 16:11			
Chloromethane		< 2.00	ug/L			11/13/20	024 16:11			
cis-1,2-Dichloroethen	e	< 2.00	ug/L			11/13/20	024 16:11			
cis-1,3-Dichloroprope	ene	< 2.00	ug/L			11/13/20	024 16:11			
Dibromochlorometha	ne	< 2.00	ug/L			11/13/20	024 16:11			
Ethylbenzene		< 2.00	ug/L			11/13/20	024 16:11			
Methylene chloride		< 5.00	ug/L			11/13/20	024 16:11			
Tetrachloroethene		< 2.00	ug/L			11/13/20	024 16:11			
Toluene		< 2.00	ug/L			11/13/20	024 16:11			
trans-1,2-Dichloroeth	ene	< 2.00	ug/L			11/13/20	024 16:11			
trans-1,3-Dichloropro	pene	< 2.00	ug/L			11/13/20	024 16:11			
Trichloroethene		< 2.00	ug/L			11/13/20	024 16:11			
Trichlorofluorometha	ne	< 2.00	ug/L			11/13/20	024 16:11			
Vinyl chloride		< 2.00	ug/L			11/13/20	024 16:11			
<u>Surrogate</u>		Perc	<u>ent Recovery</u>	<b>Limits</b>	<u>Outliers</u>	Date Ar	nalyzed			
1,2-Dichloroethane-de	4		103	80.5 - 124		11/13/2024	16:11			
4-Bromofluorobenzer	ie		85.8	78.2 - 114		11/13/2024	16:11			
Pentafluorobenzene			100	90.8 - 109		11/13/2024	16:11			
Toluene-D8			98.1	90.3 - 110		11/13/2024	16:11			
Method Referer Data File:	nce(s): EPA 624. z27739.E	1								

The analyte 2-Chloroethyl vinyl Ether does not recover from acid preserved VOA vials.



# **Analytical Report Appendix**

The reported results relate only to the samples as they have been received by the laboratory.

Each page of this document is part of a multipage report. This document may not be reproduced except in its entirety, without the prior consent of Paradigm Environmental Services, Inc.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

Low level Volatiles blank reports for soil/solid matrix are based on a nominal 5 gram weight. Sample results and reporting limits are based on actual weight, which may be more or less than 5 grams.

The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified. Aliquots separated for certain tests, such as TCLP, are indicated on the Chain of Custody and final reports with an "A" suffix.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of analyte-specific, frequently used data flags and their meaning:

"<" = Analyzed for but not detected at or above the quantitation limit.

*"E" = Result has been estimated, calibration limit exceeded.* 

"H" = Denotes a parameter analyzed outside of holding time.

"Z" = See case narrative.

"D" = Sample, Laboratory Control Sample, or Matrix Spike Duplicate results above Relative Percent Difference limit.

*"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.* 

"B" = Method blank contained trace levels of analyte. Refer to included method blank report.

*"J" = Result estimated between the quantitation limit and half the quantitation limit.* 

"L" = Laboratory Control Sample recovery outside accepted QC limits.

"P" = Concentration differs by more than 40% between the primary and secondary analytical columns. "NC" = Not calculable. Applicable to RPD if sample or duplicate result is non-detect or estimated (see primary report for data flags). Applicable to MS if sample is greater or equal to ten times the spike added. Applicable to sample surrogates or MS if sample dilution is 10x or higher.

"\*" = Indicates any recoveries outside associated acceptance windows. Surrogate outliers in samples are presumed matrix effects. LCS demonstrates method compliance unless otherwise noted.

"(1)" = Indicates data from primary column used for QC calculation.

"A" = denotes a parameter for which ELAP does not offer approval as part of their laboratory certification program.

"F" = denotes a parameter for which Paradigm does not carry certification, the results for which should therefore only be used where ELAP certification is not required, such as personal exposure assessment.

# GENERAL TERMS AND CONDITIONS LABORATORY SERVICES

These Terms and Conditions embody the whole agreement of the parties in the absence of a signed and executed contract between the Laboratory (LAB) and Client. They shall supersede all previous communications, representations, or agreements, either verbal or written, between the parties. The LAB specifically rejects all additional, inconsistent, or conflicting terms, whether printed or otherwise set forth in any purchase order or other communication from the Client to the LAB. The invalidity or unenforceability in whole or in part of any provision, term or condition hereof shall not affect in any way the validity or enforceability of the remainder of the Terms and Conditions. No waiver by LAB of any provision, term, or condition hereof or of any breach by or obligation of the Client hereunder shall constitute a waiver of such provision, term, or condition on any other occasion or a waiver of any other breach by or obligation of the Client. This agreement shall be administered and interpreted under the laws of the state which services are procured.

Warranty.	Recognizing that the nature of many samples is unknown and that some may contain potentially hazardous components, LAB warrants only that it will perform testing services, obtain findings, and prepare reports in accordance with generally accepted analytical laboratory principles and practices at the time of performance of services. LAB makes no other warranty, express or implied.
Scope and	LAB agrees to perform the services described in the chain of custody to which these terms and conditions are attached. Unless the
Compensation.	parties agree in writing to the contrary, the duties of LAB shall not be construed to exceed the services specifically described. LAB wi use LAB default method for all tests unless specified otherwise on the Work Order.
	Payment terms are net 30 days from the date of invoice. All overdue payments are subject to an interest charge of one and one-half percent (1-1/2%) per month or a portion thereof. Client shall also be responsible for costs of collection, including payment of reasonable attorney fees if such expense is incurred. The prices, unless stated, do not include any sale, use or other taxes. Such taxes will be added to invoice prices when required.
Prices.	Compensation for services performed will be based on the current Lab Analytical Fee Schedule or on quotations agreed to in writing by the parties. Turnaround time based charges are determined from the time of resolution of all work order questions. Testimony, court appearances or data compilation for legal action will be charged separately. Evaluation and reporting of initial screening runs may incur additional fees.
Limitations of Liability.	In the event of any error, omission, or other professional negligence, the sole and exclusive responsibility of LAB shall be to re- perform the deficient work at its own expense and LAB shall have no other liability whatsoever. All claims shall be deemed waived unless made in writing and received by LAB within ninety (90) days following completion of services. LAB shall have no liability, obligation, or responsibility of any kind for losses, costs, expenses, or other damages (including but not limited to any special, direct, incidental or consequential damages) with respect to LAB's services or results. All results provided by LAB are strictly for the use of its clients and LAB is in no way responsible for the use of such results by clients or third parties. All reports should be considered in their entirety, and LAB is not responsible for the separation, detachment, or
	other use of any portion of these reports. Client may not assign the lab report without the written consent of the LAB. Client covenants and agrees, at its/his/her sole expense, to indemnify, protect, defend, and save harmless the LAB from and against any and all damages, losses, liabilities, obligations, penalties, claims, litigation, demands, defenses, judgments, suits, actions, proceedings, costs, disbursements and/or expenses (including, without limitation attorneys' and experts' fees and disbursements) of any kind whatsoever which may at any time be imposed upon, incurred by or asserted or awarded against client relating to, resulting from or arising out of (a) the breach of this agreement by this client, (b) the negligence of the client in handling, delivering or disclosing any hazardous substance, (c) the violation of the Client of any applicable law, (d) non-compliance by the Client with any environmental permit or (e) a material misrepresentation in disclosing the materials to be tested.
Hazard Disclosure.	Client represents and warrants that any sample delivered to LAB will be preceded or accompanied by complete written disclosure of the presence of any hazardous substances known or suspected by Client. Client further warrants that any sample containing any hazardous substance that is to be delivered to LAB will be packaged, labeled, transported, and delivered properly and in accordance with applicable laws.
Sample Handling.	Prior to LAB's acceptance of any sample (or after any revocation of acceptance), the entire risk of loss or of damage to such sample remains with Client. Samples are accepted when receipt is acknowledged on chain of custody documentation. In no event will LAB have any responsibility for the action or inaction of any carrier shipping or delivering any sample to or from LAB premises. Client authorizes LAB to proceed with the analysis of samples as received by the laboratory, recognizing that any samples not in compliance with all current DOH-ELAP-NELAP requirements for containers, preservation or holding time will be noted as such on the
	Disposal of hazardous waste samples is the responsibility of the Client. If the Client does not wish such samples returned, LAB may add storage and disposal fees to the final invoice. Maximum storage time for samples is 30 days after completion of analysis unless modified by applicable state or federal laws. Client will be required to give the LAB written instructions concerning disposal of these samples.
	LAB reserves the absolute right, exercisable at any time, to refuse to receive delivery of, refuse to accept, or revoke acceptance of any sample, which, in the sole judgment of LAB (a) is of unsuitable volume, (b) may be or become unsuitable for or may pose a risk in handling, transport, or processing for any health, safety, environmental or other reason whether or not due to the presence in the sample of any hazardous substance, and whether or not such presence has been disclosed to LAB by Client or (c) if the condition or sample date make the sample unsuitable for analysis.
Legal Responsibility.	LAB is solely responsible for performance of this contract, and no affiliated company, director, officer, employee, or agent shall have any legal responsibility hereunder, whether in contract or tort including negligence.
Assignment.	LAB may assign its performance obligations under this contract to other parties, as it deems necessary. LAB shall disclose to Client any assignee (subcontractor) by ELAP ID # on the submitted final report.
Force Majeure.	LAB shall have no responsibility or liability to the Client for any failure or delay in performance by LAB, which results in whole or in part from any cause or circumstance beyond the reasonable control of LAB. Such causes and circumstances shall include, but not limited to, acts of God, acts or orders of any government authority, strikes or other labor disputes, natural disasters, accidents, wars, civil disturbances, difficulties or delays in transportation, mail or delivery services, inability to obtain sufficient services or supplies from LAB's usual suppliers, or any other cause beyond LAB's reasonable control.
Law.	This contract shall be continued under the laws of the State of New York without regard to its conflicts of laws provision.
1 t 2

10 day	Standard 5 day	Availability contingent upon lab a	Turnaround Time						11/8/2024 1358	DATE COLLECTED TIME O O M M O O O O O O O O O O O O O O O		GMCH East Side GW Monitoring	PROJECT REFERENCE		ENVIRONMENTAL SERVICE	DADADIGN			
	ired	approval; additional fees may apply.	Report Supplements					5	X Groundwater East Side	B > 7 SAMPLE IDENTIFIER		Matrix Codes: AQ - Aqueous Liquid NQ - Non-Aqueous Liquid	ATTN: Robert Lydell, Natalie Hahn	PHONE: 585-647-4766, 585-280-3	S CITY: Rochester STATE: NY	ADDRESS: 1000 Lexington Ave	CLIENT: GM Components Holdin	REPORT TO:	
Kelinquisned By	South Internet	Curry Purch I							WW 4 X X X	× - ス - > ま	REQUESTED ANALY	WA - Water WG - Groundwater WW - Wastewater	ATTN: Claire Mondello Project R	352 PHONE: (585) 321-4219	ZIP: 14606 CITY: Rochester STATE: N	ADDRESS: 200 Town Center Dri	gs, LLC CLIENT: H&A AP@haleyaldri	INVOICE TO:	
IIIIe	s) Zerry e 1528	Time Total Cost	el Janes		dconley@haleyaldrich.com	email results to Denis Conley	624 + cis1,2 DCE		low level PCB DL (0.1 ppb)	REMARKS	SIS	SO - Soil SD - Solid WP - Wipe SL - Sludge PT - Paint CK - Caulk	ef # 127982-006 robert.lydell@gm.com	Email: natalie.hahn@gr	VY ZIP: 14623 Quotation #:	ive Suite 2 」 よ て ち よ ヿ イ			
									a	PARADIGM LAB SAMPLE NUMBER		OL - CII AR - All		.com				T I ST OF	



See additional page for sample conditions.

Other

## PARADIGM ENVIRONMENTAL SERVICES

## Chain of Custody Supplement

			1.1
Client:	GM Components Holding	55 Completed by:	Under Def
Lab Project ID:	245294	Date:	11/8 12029
	Sample Condition Per NELAC/ELAP 210/2	<b>Requirements</b> 241/242/243/244	
Condition	ELAC compliance with the sample con Yes	dition requirements upo No	on receipt N/A
Container Type Comments			
Transferred to method- compliant container			
Headspace (<1 mL) Comments	Vó A		
Preservation Comments	Jose Char		
Chlorine Absent <0.10 ppm per test strip) Comments	VOA: CI-hey,		
lolding Time Comments			
emperature Comments	14° Ful .	Field	
- ompliant Sample Quantity/Ty Comments	rpe		
7 <del>-</del>			

PARADIGM	1111010       179 Lake Avenue, Roche         515       CH         S15       REPORT TO:         COMPANY:       Paradigm Environmental         ADDRESS:       179 Lake Ave	ter, NY 14608 Officer (585) 647-2530 Fax (585) 647-3311 AIN OF CUSTODY INVOICE TO: COMPANY: Same Address:	LAB PROJECT # CLIENT PROJECT #
ENVIRONMENTAL SERVICES	CITY: Rochester STATE: NY ZIP: . PHONE: 585-647-2530 FAX:	4608     CITY:     STATE:     ZIP:       PHONE:     FAX:	TURNAROUND TIME: (WORKING DAYS)
PROJECT NAME/SITE NAME:	ATTN Reporting	ATTN: Accounts Payable	1 2 3 X 5
	COMMENTS: Please email ro	sults to reporting@paradigmenv.com	Due Date: 11 /18 /24
DATE TIME 1 - 00 0 ≥ 0 0 ₩ > 7 0	SAMPLE LOCATION/FIELD ID	$x - y \rightarrow z$ $y = y = z + z + z + z + z + z + z + z + z + z$	REMARKS SAMPLE NUMBER
1 WR 24 12 CQ X	Groudwater East Side		10-4623
2			
3			
4			
6			
7			
9			
10 *** AR USE ONLY BELOW THIS I			
Sample Condition: Per NELAC/ELAP 210	1/241/242/243/244		
Container Type:		By Date/Time	Total Cost
Preservation:	γ N Relinqŭi	Image: Shiped By         Image: I	<b>0</b>
Holding Time:		IBy Date/Time	122 PLIE
Temperature:		1@Lab By Date/Time	21

Page 8 of 8



## Analytical Report For

## **GM Components Holdings, LLC**

For Lab Project ID

## 245295

Referencing

## GMCH North Side GW Monitoring

## Prepared

Friday, November 15, 2024

Any noncompliant QC parameters or other notes impacting data interpretation are flagged or documented on the final report or are noted below.

Emily Farmen

Certifies that this report has been approved by the Technical Director or Designee

179 Lake Avenue • Rochester, NY 14608 • (585) 647-2530 • Fax (585) 647-3311 • ELAP ID# 10958



### **Lab Project ID:** 245295

Client:	<u>GM Components Holdings, LLC</u>	
Project Reference:	GMCH North Side GW Monitoring	
Sample Identifier:	Groundwater North Side (Combined)	
Lab Sample ID:	245295-01	Date Sampled: 11/8/2024 13:28
Matrix:	Wastewater	Date Received 11/8/2024

### <u>PCBs</u>

Analyte	Result	<u>Units</u>		Qualifier	Date An	alyzed
PCB-1016	< 0.101	ug/L			11/15/202	4 12:35
PCB-1221	< 0.101	ug/L			11/15/202	4 12:35
PCB-1232	< 0.101	ug/L			11/15/202	4 12:35
PCB-1242	< 0.101	ug/L			11/15/202	4 12:35
PCB-1248	< 0.101	ug/L			11/15/202	4 12:35
PCB-1254	< 0.101	ug/L			11/15/202	4 12:35
PCB-1260	< 0.101	ug/L			11/15/202	4 12:35
<u>Surrogate</u>	Percer	t Recovery	<u>Limits</u>	<u>Outliers</u>	Date Ana	lyzed
Tetrachloro-m-xylene		56.8	14.5 - 95.5		11/15/2024	12:35
	EDA (00.2					

 Method Reference(s):
 EPA 608.3

 Preparation Date:
 11/14/2024

### **Volatile Organics**

Analyte	<u>Result</u>	<u>Units</u>	Qualifier Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L	11/14/2024 15:49
1,1,2,2-Tetrachloroethane	< 2.00	ug/L	11/14/2024 15:49
1,1,2-Trichloroethane	< 2.00	ug/L	11/14/2024 15:49
1,1-Dichloroethane	< 2.00	ug/L	11/14/2024 15:49
1,1-Dichloroethene	< 2.00	ug/L	11/14/2024 15:49
1,2-Dichlorobenzene	< 2.00	ug/L	11/14/2024 15:49
1,2-Dichloroethane	< 2.00	ug/L	11/14/2024 15:49
1,2-Dichloropropane	< 2.00	ug/L	11/14/2024 15:49
1,3-Dichlorobenzene	< 2.00	ug/L	11/14/2024 15:49
1,4-Dichlorobenzene	< 2.00	ug/L	11/14/2024 15:49
2-Chloroethyl vinyl Ether	< 5.00	ug/L	11/14/2024 15:49
Benzene	< 1.00	ug/L	11/14/2024 15:49
Bromodichloromethane	< 2.00	ug/L	11/14/2024 15:49
Bromoform	< 5.00	ug/L	11/14/2024 15:49

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

#### Report Prepared Friday, November 15, 2024



**Lab Project ID:** 245295

Client:	GM Compone	nts Hol	<u>dings, LLC</u>				
Project Reference:	GMCH North S	ide GW	Monitoring				
Sample Identifier:	Groundwater	North S	Side (Combined	)			
Lab Sample ID:	245295-01			Date Sa	mpled: 11	/8/2024 13	:28
Matrix:	Wastewater			Date Re	eceived 11	/8/2024	
Bromomethane		< 2.00	ug/L			11/14/202	24 15:49
Carbon Tetrachloride		< 2.00	ug/L			11/14/202	24 15:49
Chlorobenzene		< 2.00	ug/L			11/14/202	24 15:49
Chloroethane		< 2.00	ug/L			11/14/202	24 15:49
Chloroform		< 2.00	ug/L			11/14/202	24 15:49
Chloromethane		< 2.00	ug/L			11/14/202	24 15:49
cis-1,2-Dichloroethene		< 2.00	ug/L			11/14/202	24 15:49
cis-1,3-Dichloropropen	е	< 2.00	ug/L			11/14/202	24 15:49
Dibromochloromethane	9	< 2.00	ug/L			11/14/202	24 15:49
Ethylbenzene		< 2.00	ug/L			11/14/202	24 15:49
Methylene chloride		< 5.00	ug/L			11/14/202	24 15:49
Tetrachloroethene		< 2.00	ug/L			11/14/202	24 15:49
Toluene		< 2.00	ug/L			11/14/202	24 15:49
trans-1,2-Dichloroether	ie	< 2.00	ug/L			11/14/202	24 15:49
trans-1,3-Dichloroprop	ene	< 2.00	ug/L			11/14/202	24 15:49
Trichloroethene		< 2.00	ug/L			11/14/202	24 15:49
Trichlorofluoromethan	e	< 2.00	ug/L			11/14/202	24 15:49
Vinyl chloride		15.6	ug/L			11/14/202	24 15:49
<u>Surrogate</u>		Pe	rcent Recovery	<u>Limits</u>	<u>Outliers</u>	Date Ana	alyzed
1,2-Dichloroethane-d4			99.9	80.5 - 124		11/14/2024	15:49
4-Bromofluorobenzene			85.3	78.2 - 114		11/14/2024	15:49
Pentafluorobenzene			98.3	90.8 - 109		11/14/2024	15:49
Toluene-D8			95.9	90.3 - 110		11/14/2024	15:49
Method Reference Data File:	e(s): EPA 624. z27768.D	1					

The analyte 2-Chloroethyl vinyl Ether does not recover from acid preserved VOA vials.



## **Analytical Report Appendix**

The reported results relate only to the samples as they have been received by the laboratory.

Each page of this document is part of a multipage report. This document may not be reproduced except in its entirety, without the prior consent of Paradigm Environmental Services, Inc.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

Low level Volatiles blank reports for soil/solid matrix are based on a nominal 5 gram weight. Sample results and reporting limits are based on actual weight, which may be more or less than 5 grams.

The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified. Aliquots separated for certain tests, such as TCLP, are indicated on the Chain of Custody and final reports with an "A" suffix.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of analyte-specific, frequently used data flags and their meaning:

"<" = Analyzed for but not detected at or above the quantitation limit.

*"E" = Result has been estimated, calibration limit exceeded.* 

"H" = Denotes a parameter analyzed outside of holding time.

"Z" = See case narrative.

"D" = Sample, Laboratory Control Sample, or Matrix Spike Duplicate results above Relative Percent Difference limit.

*"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.* 

"B" = Method blank contained trace levels of analyte. Refer to included method blank report.

*"J" = Result estimated between the quantitation limit and half the quantitation limit.* 

"L" = Laboratory Control Sample recovery outside accepted QC limits.

"P" = Concentration differs by more than 40% between the primary and secondary analytical columns. "NC" = Not calculable. Applicable to RPD if sample or duplicate result is non-detect or estimated (see primary report for data flags). Applicable to MS if sample is greater or equal to ten times the spike added. Applicable to sample surrogates or MS if sample dilution is 10x or higher.

"\*" = Indicates any recoveries outside associated acceptance windows. Surrogate outliers in samples are presumed matrix effects. LCS demonstrates method compliance unless otherwise noted.

"(1)" = Indicates data from primary column used for QC calculation.

"A" = denotes a parameter for which ELAP does not offer approval as part of their laboratory certification program.

"F" = denotes a parameter for which Paradigm does not carry certification, the results for which should therefore only be used where ELAP certification is not required, such as personal exposure assessment.

## GENERAL TERMS AND CONDITIONS LABORATORY SERVICES

These Terms and Conditions embody the whole agreement of the parties in the absence of a signed and executed contract between the Laboratory (LAB) and Client. They shall supersede all previous communications, representations, or agreements, either verbal or written, between the parties. The LAB specifically rejects all additional, inconsistent, or conflicting terms, whether printed or otherwise set forth in any purchase order or other communication from the Client to the LAB. The invalidity or unenforceability in whole or in part of any provision, term or condition hereof shall not affect in any way the validity or enforceability of the remainder of the Terms and Conditions. No waiver by LAB of any provision, term, or condition hereof or of any breach by or obligation of the Client hereunder shall constitute a waiver of such provision, term, or condition on any other occasion or a waiver of any other breach by or obligation of the Client. This agreement shall be administered and interpreted under the laws of the state which services are procured.

Warranty.	Recognizing that the nature of many samples is unknown and that some may contain potentially hazardous components, LAB warrants only that it will perform testing services, obtain findings, and prepare reports in accordance with generally accepted analytical laboratory principles and practices at the time of performance of services. LAB makes no other warranty, express or implied.
Scope and Compensation.	LAB agrees to perform the services described in the chain of custody to which these terms and conditions are attached. Unless the parties agree in writing to the contrary, the duties of LAB shall not be construed to exceed the services specifically described. LAB wi use LAB default method for all tests unless specified otherwise on the Work Order. Payment terms are net 30 days from the date of invoice. All overdue payments are subject to an interest charge of one and one-half percent (1-1/2%) per month or a portion thereof. Client shall also be responsible for costs of collection, including payment of reasonable attorney fees if such expense is incurred. The prices, unless stated, do not include any sale, use or other taxes. Such taxes will be added to invoice prices when required.
Prices.	Compensation for services performed will be based on the current Lab Analytical Fee Schedule or on quotations agreed to in writing by the parties. Turnaround time based charges are determined from the time of resolution of all work order questions. Testimony, court appearances or data compilation for legal action will be charged separately. Evaluation and reporting of initial screening runs may incur additional fees.
Limitations of Liability.	In the event of any error, omission, or other professional negligence, the sole and exclusive responsibility of LAB shall be to re- perform the deficient work at its own expense and LAB shall have no other liability whatsoever. All claims shall be deemed waived unless made in writing and received by LAB within ninety (90) days following completion of services. LAB shall have no liability, obligation, or responsibility of any kind for losses, costs, expenses, or other damages (including but not limited to any special, direct, incidental or consequential damages) with respect to LAB's services or results. All results provided by LAB are strictly for the use of its clients and LAB is in no way responsible for the use of such results by clients or third parties. All reports should be considered in their entirety, and LAB is not responsible for the separation, detachment, or other use of any portion of these reports. Client may not assign the lab report without the written consent of the LAB. Client covenants and agrees, at its/his/her sole expense, to indemnify, protect, defend, and save harmless the LAB from and against any and all damages, losses, liabilities, obligations, penalties, claims, litigation, demands, defenses, judgments, suits, actions, proceedings, costs, disbursements and/or expenses (including, without limitation attorneys' and experts' fees and disbursements) of any kind whatsoever which may at any time be imposed upon, incurred by or asserted or awarded against client relating to, resulting from or arising out of (a) the breach of this agreement by this client, (b) the negligence of the client in handling, delivering or disclosing any hazardous substance, (c) the violation of the Client of any applicable law, (d) non-compliance by the Client with any environmental permit or (e) a material misrepresentation in disclosing the materials to be tested.
Hazard Disclosure.	Client represents and warrants that any sample delivered to LAB will be preceded or accompanied by complete written disclosure of the presence of any hazardous substances known or suspected by Client. Client further warrants that any sample containing any hazardous substance that is to be delivered to LAB will be packaged, labeled, transported, and delivered properly and in accordance with applicable laws.
Sample Handling.	Prior to LAB's acceptance of any sample (or after any revocation of acceptance), the entire risk of loss or of damage to such sample remains with Client. Samples are accepted when receipt is acknowledged on chain of custody documentation. In no event will LAB have any responsibility for the action or inaction of any carrier shipping or delivering any sample to or from LAB premises. Client authorizes LAB to proceed with the analysis of samples as received by the laboratory, recognizing that any samples not in compliance with all current DOH-ELAP-NELAP requirements for containers, preservation or holding time will be noted as such on the final report. Disposal of hazardous waste samples is the responsibility of the Client. If the Client does not wish such samples returned, LAB may add storage and disposal fees to the final invoice. Maximum storage time for samples is 30 days after completion of analysis unless modified by applicable state or federal laws. Client will be required to give the LAB written instructions concerning disposal of these samples. LAB reserves the absolute right, exercisable at any time, to refuse to receive delivery of, refuse to accept, or revoke acceptance of any sample, which, in the sole judgment of LAB (a) is of unsuitable volume, (b) may be or become unsuitable for or may pose a risk in handling, transport, or processing for any health, safety, environmental or other reason whether or not due to the presence in the sample of any hazardous substance, and whether or not such presence has been disclosed to LAB by Client or (c) if the condition or sample date make the sample unsuitable for analysis.
Legal Responsibility.	LAB is solely responsible for performance of this contract, and no affiliated company, director, officer, employee, or agent shall have any legal responsibility hereunder, whether in contract or tort including negligence.
Assignment.	LAB may assign its performance obligations under this contract to other parties, as it deems necessary. LAB shall disclose to Client any assignee (subcontractor) by ELAP ID # on the submitted final report.
Force Majeure.	LAB shall have no responsibility or liability to the Client for any failure or delay in performance by LAB, which results in whole or in part from any cause or circumstance beyond the reasonable control of LAB. Such causes and circumstances shall include, but not limited to, acts of God, acts or orders of any government authority, strikes or other labor disputes, natural disasters, accidents, wars, civil disturbances, difficulties or delays in transportation, mail or delivery services, inability to obtain sufficient services or supplies from LAB's usual suppliers, or any other cause beyond LAB's reasonable control.
Law.	This contract shall be continued under the laws of the State of New York without regard to its conflicts of laws provision.

CHAIN OF CUSTODY

°-5 Y

PRARADIGN     CMC components Holdings, LLC     Currer     H&A AP@haleyaldrich.com     2     4     5       PROJECT REFERENCE GMCH North Side GW Monitoring     Imme Robeit ydel, Natalie HAM     Imme Mark     Stabed7-4766, 585-280-3352     Imme Mark     Robeit ydel, Natalie HAM     Imme Mark     Solution #: Imme Mark     Solution #: Imme Mark     Solution #: Imme Mark     Imme Mark     Solution #: Imme Mark     Imme Mark     Solution #: Imme Mark     Solution #: Imme Mark     Solution #: Imme Mark     Solution #: Imme Mark     Imme Mark     Solution #: Imme Mark     Solution #: Imme Mark     Solution #: Imme Mark     Imme Mark     Imme Mark     Imme Mark     Imme Mark     Solution #: Imme Mark     Solution #: Imme Mark     Imme Mark		REPORT TO:	INVOICE TO:	and the second se
PARADIGN         consess         1000 Loxington Ave         consess         200 Town Center Drive Suite 2         2/1 Souther Suite 2         2/1 Souther Suite 2         2/1 Souther Suite 2         2/1 Souther Souther 2         2/1 Souther 2		CLIENT: GM Components Holdings, LLC	CLIENT: H&A AP@haleyaldrich.com	
Image: State with a s	M ULU V A V A	ADDRESS: 1000 Lexington Ave	ADDRESS: 200 Town Center Drive Suite 2	272
Image:         SBS-647-4766, SBS-280-3352         Image:         (SBS) 321-4219         Email:         natalia           MCH North Side GW Monitoring         Matrix Codes:: NA - Aueous Liquid         MA- Aueous Liquid </td <td>ENVIRONMENTAL SERVICES</td> <td>Rochester STATE: NY ZIP: 14606</td> <td>GITY: Rochester STATE NY ZIP: 14623</td> <td>Quotation #:</td>	ENVIRONMENTAL SERVICES	Rochester STATE: NY ZIP: 14606	GITY: Rochester STATE NY ZIP: 14623	Quotation #:
PROJECT REFERENCE GMCH North Side GW Monitoring         ATTX: Matrix Codes: AQ: -Aqueous Liquid         Matrix Codes: MQ: -Aqueous Liquid         MA: Water WG: Groundwater         DW: Duming Water WG: Groundwater         DW: Duming Water WG: Groundwater         SD: Sold Subscription         SD: Sold FI: - Panit		PHONE: 585-647-4766, 585-280-3352	PHONE: (585) 321-4219	Email: natalie
GMCH North Side GW Monitoring         Matrix Codes: Ma - Aqueous Liquid Ma - Aqueous Aqueous Liquid Ma - Aqueous Liquid Ma - Aqueous A	PROJECT REFERENCE	ATTN: Robert Lydell, Natalie Hahn	ATTN: Claire Mondello Project Ref# 127982-006	robert.lydell@gr
DATE COLLECTED         TIME         0         X         SAMPLE IDENTIFIER         X         REQUESTED ANALYSIS           I)) / 2/C/Y         I ZZ //2         X         Groundwater North Side(Combined)         WW         3         X = 70 + 3 + 12 + 00         Now level PCB DL (0.1 pp)           I)) / 2/C/Y         I ZZ //2         X         Groundwater North Side(Combined)         WW         3         X = 70 + 3 + 12 + 00         Now level PCB DL (0.1 pp)           II) / 2/C/Y         I ZZ //2         X         Groundwater North Side(Combined)         WW         3         X = 70 + 3 + 12 + 00         Now level PCB DL (0.1 pp)           II) / 2/C/Y         I ZZ //2         X         Groundwater North Side(Combined)         WW         3         X = 70 + 32 + 12 + 00         Iow level PCB DL (0.1 pp)           III / 2/C/Y         I ZZ //2         X         Groundwater North Side(Combined)         WW         3         X = 70 + 32 + 12 + 00         Iow level PCB DL (0.1 pp)           III / 2/C/Y         I ZZ //2         X         Groundwater North Side(Combined)         WW         3         X = 70 + 00         Iow level PCB DL (0.1 pp)           III / 2/C/Y         I ZZ //2         X         Groundwater North Side(Combined)         WU         3         X = 10 + 00         Iow level PCB DL (0.1 pp)           <	GMCH North Side GW Monitoring	Matrix Codes:         Water           AQ - Aqueous Liquid         WA - Water           NQ - Non-Aqueous Liquid         WG - Ground	DW - Drinking Water SO - Soll dwater WW - Wastewater SL - Sludge	SD - Solid M PT - Paint C
DATE COLLECTED       COLLECTED<			REQUESTED ANALYSIS	And St lancin
I/) // 1/2xx Y       I/2 2 //2       X       Groundwater North Side(Combined)       WW       3       X       X       I we level PCB DL (0.1 pp)         I// //1 2xx Y       I/2 2 //2       I/2 2 //2 </th <th>DATE COLLECTED TIME P G</th> <th>SAMPLE IDENTIFIER X - 70 - 1 A S</th> <th>w m こ O の     m の ま c z w 加 m ま c z w 加 m z - シ - z O の     PCBs 608     624 Site Specific(HCL)</th> <th>REMARKS</th>	DATE COLLECTED TIME P G	SAMPLE IDENTIFIER X - 70 - 1 A S	w m こ O の     m の ま c z w 加 m ま c z w 加 m z - シ - z O の     PCBs 608     624 Site Specific(HCL)	REMARKS
Image: Sector of the sector	1) FIZER X217/11	C Groundwater North Side(Combined)	/W 3 X X I I I I I I I I I I I I I I I I I	CB DL (0.1 ppb)
Image: Solution of the second seco				
email results to Denis Conley dconley@haleyaldrich.cor			624 + cis	3-1,2 DCE
			email results	to Denis Conley
				haleyaldrich.com



2 of 2

## PARADIGM ENVIRONMENTAL SERVICES

Chain of Custody Supplement

Client: (	SM Components Holdings	Completed by:	Unto la
Lab Project ID:	245295	Date:	11/8/2014
	Sample Condition Per NELAC/ELAP 210/24	<b>Requirements</b> 41/242/243/244	
Condition	NELAC compliance with the sample cone Yes	dition requirements up No	oon receipt N/A
<b>Container Type</b> Comment	ts		
Transferred to method- compliant container			
Headspace <1 mL) Comment	s		
Preservation Comment	svoA(fabe		
hlorine Absent <0.10 ppm per test strip) Comments	(10A: CI-14)		
olding Time Comments			
emperature Comments	16°C Tred on P	ie (d	
mpliant Sample Quantity Comments	/Туре		





Ruth Mickle GHD Services Inc. (Formerly Conestoga-Rovers & Associates, Inc.) 1801 Old Highway 8 NW Suite 114 St. Paul, MN 55112

### Laboratory Results for: Site 255 GMCH-1000 Lexington Avenue

Dear Ruth,

Enclosed are the results of the sample(s) submitted to our laboratory September 27, 2024 For your reference, these analyses have been assigned our service request number **R2409596**.

All testing was performed according to our laboratory's quality assurance program and met the requirements of the TNI standards except as noted in the case narrative report. Any testing not included in the lab's accreditation is identified on a Non-Certified Analytes report. All results are intended to be considered in their entirety. ALS Environmental is not responsible for use of less than the complete report. Results apply only to the individual samples submitted to the lab for analysis, as listed in the report. The measurement uncertainty of the results included in this report is within that expected when using the prescribed method(s), and represented by Laboratory Control Sample control limits. Any events, such as QC failures or Holding Time exceedances, which may add to the uncertainty are explained in the report narrative or are flagged with qualifiers. The flags are explained in the Report Qualifiers and Definitions page of this report.

Please contact me if you have any questions. My extension is 7475. You may also contact me via email at Meghan.Pedro@alsglobal.com.

Respectfully submitted,

### ALS Group USA, Corp. dba ALS Environmental

Mighan tedio

Meghan Pedro Project Manager

CC: Denis Conley

ADDRESS 1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623 PHONE +1 585 288 5380 FAX +1 585 288 8475 ALS Group USA, Corp. dba ALS Environmental



# Narrative Documents

ALS Environmental—Rochester Laboratory 1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623 Phone (585) 288-5380 Fax (585) 288-8475 www.alsglobal.com

RIGHT SOLUTIONS | RIGHT PARTNER



Client: GHD Project: Site 255 GMCH-1000 Lexington Avenue Sample Matrix: Water Service Request: R2409596 Date Received: 09/27/2024

**CASE NARRATIVE** 

All analyses were performed consistent with the quality assurance program of ALS Environmental. This report contains analytical results for samples for the Tier level IV requested by the client.

Manual Integrations may have been used in the quantitation of the results in this report. Manual Integrations are readily identified in the raw data on the Quantitation Reports (Organics) by the automatic placement of an "m" next to the sample result. For Ion Chromatography, the manual integrations are identified by the automatic placement of "manipulated" or "manually integrated" in the upper left corner of the chromatogram (Hexavalent Chromium) or "M" by the result in the "Type" column (anions). The reason for the manual integration is noted on the "after" chromatogram, which is found with the original chromatogram and quantitation report. All integrations follow the lab SOP ADM-INT "Manual Integration."

#### Sample Receipt:

Eighteen water samples were received for analysis at ALS Environmental on 09/27/2024. Any discrepancies upon initial sample inspection are annotated on the sample receipt and preservation form included within this report. The samples were stored at minimum in accordance with the analytical method requirements.

#### Volatiles by GC/MS:

Method 8260D, : The upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.

Method 8260D, : The lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.

Method 8260D, R2409596-017: Sample(s) required dilution due to the foaming nature of the matrix. The reporting limits are adjusted to reflect the dilution.

Method 8260D: The analysis of one or more samples was initially attempted within holding time but was not useable due to an analytical system or QC failure. Efforts were made to reanalyze the sample(s) as soon as possible after the analytical system was back in control. However, the reanalysis of the sample(s) was performed past the recommended holding time. The results from the reanalysis are reported. The data is flagged to indicate the holding time exceedance.

Method 8260D, 10/08/2024: The lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken. Sample - 005 reported with VC hit (last vial).

Approved by

Mighran Hedro

Date

10/17/2024

Page 3 of 73



# Sample Receipt Information

ALS Environmental—Rochester Laboratory 1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623 Phone (585) 288-5380 Fax (585) 288-8475 www.alsglobal.com

RIGHT SOLUTIONS | RIGHT PARTNER

#### SAMPLE CROSS-REFERENCE

<u>SAMPLE #</u>	<u>CLIENT SAMPLE ID</u>	DATE	<u>TIME</u>
R2409596-001	020811-092424-0001	9/24/2024	0800
R2409596-002	R3-092424-1100	9/24/2024	1100
R2409596-003	R101-092424-1205	9/24/2024	1205
R2409596-004	SR101-092424-1340	9/24/2024	1340
R2409596-005	R401-092424-1505	9/24/2024	1505
R2409596-006	R403-092524-0855	9/25/2024	0855
R2409596-007	R108-092524-1410	9/25/2024	1410
R2409596-008	020811-092624-0001	9/26/2024	0820
R2409596-009	R107-092624-0850	9/26/2024	0850
R2409596-010	020811-092624-0002	9/26/2024	
R2409596-011	SR107-092624-1010	9/26/2024	1010
R2409596-012	DR109-092624-1225	9/26/2024	1225
R2409596-013	R-109-092624-1405	9/26/2024	1405
R2409596-014	020811-092724-0001	9/27/2024	0950
R2409596-015	R301-092724-1110	9/27/2024	1110
R2409596-016	SR301-092724-1205	9/27/2024	1205
R2409596-017	DR105-092724-1505	9/27/2024	1505
R2409596-018	020811-092724-0002	9/27/2024	

	СНА		: CL	IST	יסס	Y/L	AB	OR	AT	OR'	Y ANALYSIS RE	QUES	TFORM	SR#
					1565 .	leffers	ion Ro	ad, Bi	dg 30	0, Sui	te 360, Rochester, NY 14623	022	· · · · · ·	
	nmental					Ph	one (	585) 2 w	88-53 ww.al	80 / Fi Isalobi	AX (585) 288-8475 al com			1050934
Project Name: Site 255 GMCH-1000 Lexington Avenue	-			Q								ـــــ		ł
Project Number: 058507-255013	Report To Kathy Willy			2										
Company / Address GHD Services Inc.			NERS											
Niagara Falls NY, 14304	···· · · · · · · · · · · · · · · · · ·		DNTAI	•	ບູ								1	
Phone # 716-297-2160	FAX # 716-297-2285		DF CC	Ř	ž									
Sampler Stonature	Sampler Printed Name		BER (	9776	8									
- All (	1 LONG LOENGIGHT		MUN	2005	82		~	_	<b>_</b>		Remarks			
	SAMPLING	Matrix	•						Ť					•
CLIENT SAMPLE ID		Ion-Aa	7		X						To Barlo			
02-0674174 1100	9/24/24 1100	Jon-Aq	<u> </u>	_	X						TIP LANK			
101 - CG7474 - 1705	G/24/24 1205	Non-Aq	5		×									
50101-097474-1340	9/24/24 1340	Non-Aq	á		×						LISIMSD		,	
12401-092424-1505	9/24/24 1505	Non-Aq	3		X								)	
(41)3-042574-OR55	9/15/24 0755	Non-Aq	3		7								,	
12108 - 092524-1410	9/25/24 1410	Non-Aq	3		X									
020811-092624-0001	9126124 0820	Non-Aq	3		х						Trip Black			
R107-092624-0850	9/26/24 0850	Non-Aq	3		¥									
Q20311-092624-0002 9/26124 Non-Aq			3		У						Field Rup.			
Special Instructions/Comr	nents:				Turnarou				oun	nd F	Requirements	R	eport Requirements	Invoice Information
CC: dhewe on the	Male Month Car					-		RUS	H (Sl	URCH	HARGES APPLY)	I. F	Results Only	PO#
Gradien Grade Contraction	whey about . Cam						<b>N</b>	Stan	idard			". I	JP, MS/MSD as required)	1.0.#
									laaro			— <sup>III.</sup>	Results + QC and Cilibration	Bill To:
						-		RE	QUE	STED	FAX DATE	<u>×</u> iv.	Data Validation Report	
	,					-		Ŕ	ques	sted F	Report Date	EData	_ <u>/ Yes</u> No	
Relinquished By:	Received By:		Re	linq	uish	ned E	By:				Received By:		Relinquished By:	Received By:
Signature	Signature	Signa	ature						s	ignat	ture		Signature	Signature
Printed Name	Printed Name	Printe	ed Na	ime					P	rinte	d Name		Printed Name	Printed Name
Firm	Firm her i	Firm							Fi	irm			Firm	Firm
Date/Time O/22/011/18	Date/Time (1) 1/2 V 1/2 V	Date	Time	;						ate/	Time		Date/Time	Date/Time
<u> </u>	<u> </u>												<u> </u>	· · · · · · · · · · · · · · · · · · ·



			СН		F Cl	JST	OD	Y / L	.AB	OR	AT	OR'	Y ANALYSIS RE	QUES	ST FORM	SR#
	nme	ental	[				1565 .	Jeffers Ph	ion Ro none (i	bad, Bl 585) 2 W	dg 30 88-53 ww.al	10, Sui 180 / Fi Isglobi	te 380, Rochester, NY 1462 AX (585) 288-8475 al.com	3 02	2	T050934
Project Name: Site 255 GMCH-1000 Lexington Avenue																
Project Number: 058507-255013	Report To Kathy Willy	(				$\vdash$										
Company / Address GHD Services Inc. 2055 Niagara Falls Blvd., Suite 3 Niagara Falls NY, 14304					ONTAINERS		ý									
Phone # 716-297-2160	FAX # 716-297-2	265			۳ ۲	3							1			
Sampler Signature	Sampler P	rinted Name			NUMBER	NACOU	8260						Remarks			
CLIENT SAMPLE ID		SAMPI Date	LING Time	Matrix				-								
52107-092624-1010		9126124	1010	Non-Aq	3		X						-			
PLICA - 092624-1225		9/26/24	1225	Non∙Aq	3	ļ	X									
R-109 - 092624-1404		9/26/24	1405	Non-Aq	3		X									·
070811-092724-0001		9/27/24	0250	Non-Aq	3		X						Irip Nonle			
(2301-092724-1110		9/27/24	11(0	Non-Aq	3		X									
52301-02724-1205		<u>912712u</u>	1205	Non-Aq	2	L.	X									
De105-042724-15-2		927/24	1505	Non-Aq	3	<b> </b>	×									
020211-092724.0002		9127124		Non-Aq	3	ļ	×						Field Pup.			
l				Non-Aq		1										
				Non-Aq				ĻĮ								
Special Instructions/Comn	nents:								lur	nar	our			R		Invoice information
cc. doewere the Q	مريطم	doda	CIM					-		RUS	m (51	URCI	TARGES APPLY)	L I	Results Only Results + QC Summaries (LCS.	P.O.#
	nor								×	Stan	dard			D	UP, MS/MSD as required)	
1															. Results + QC and Cilibration Summaries	Bill To:
										RE	QUE	STE	D FAX DATE	<u> ~</u> w	Data Validation Report	· · · · · · · · · · · · · · · · · · ·
								-	<u>.</u>	R	aue	sted F	Report Date	EData	Yes No	
Relinguished By:		Received E	Bv:		Re	lina	uist	l ned i	Bv:				Received Bv:		Relinguished By:	Received By:
													· · · · ·			
Signature	Signature	$l \leq$	S	Sigr	ature	!					s	igna	ture		Signature	Signature
Printed Náme	Printed Na	ame		Prin	ted N	ame					P	rinte	d Name		Printed Name	Printed Name
Firm	Eim	icj Viu	1	Firm	<u> </u>					<u> </u>	F	irm			Firm	Firm
Under & Aldrich		ALL														
Date/Time 9/27/24 1630	Date/Time	° 9/27/2	× 163	0 Date	e/Tim	е					D	ate/	Time		Date/Time	Date/Time

.

,

`

-

`





## **Cooler Receipt and Preservation Check Form**

Project/Client G	HD		Folder	Number					
Cooler received on $9/2$ .	7 24	by: RDN	(	 COURIER:	ALS	UPS FE	DEX VEI	OCITY CLIE	ENT
1 Were Custody seals	on outside of coole	T? 156/24	- Y (R) [	5a Did V	/OA via	ls have sig*	bubbles?		Y N NA
2 Custody papers pro	perly completed (in	k, signed)?	X ND	5b Sig*	bubbles	Alk? Y	NOA	Sulfide?	Y NONA'
3 Did all bottles arrive	in good condition (	(unbroken)?		6 When	e did th	e bottles orig	inate?	ALSAROC	CLIENT
4 Circle: Wet Lee D	rv Ice Gel packs	present?	<b>N</b>	7 Soil V	/OA rec	eived as:	Bulk F	incore 5035	set OH
8. Temperature Readings	Date: 9/27	L & Time	= 1710	ID:	 IR#12	B S#₽1	- Fron	n: (Temp B)anl	Sample Bottle
Temp (°C)		-							· ·
Within 0-6°C?	N N	Y	N	Y N	Y	N	7 N	Y N	Y N
If <0°C, were samples fi	ozen? Y N	Y	N	Y N	Ŷ	N	YN	Y N	Y N
If out of Temperatur	e, note packing/ic	e condition:		Ice mel	ted P	oorly Packe	d (described	l below)	Same Day Rule
&Cuent Approval to	Kun Samples:	Star	naing Appro	vai Clien	t aware	at drop-off	Client not		
All samples held in stor	age location:	18.002	by <u>KDA</u>	_ on <u>4p7</u>	<u> 29 at</u>	713			
5035 samples placed in	storage location:		bу 		at	with	in 48 hours	of sampling?	YN
	······································		10.10		<u>o</u> r	~			
Cooler Breakdown/Pro	servation Check**	: Date : <u> </u>	1/30/2	$\underline{4}$ Time:	<u> </u>	$\overline{\mathcal{O}}$	by: <u>74</u> /	<u>\</u>	
10. Did all bottle	labels and tags agr	ee with custo	dv papers?	I, ew.j:		TES (NO	1/2 have	e time sa	mpted
11. Were correct	containers used for	the tests ind	licated?		Ó	TES NO	_		
12. Were 5035 v	ials acceptable (no	extra labels,	not leaking)	?	- 1	TES NOS	AVEAR		
13. Were dissolv	ed metals filtered in	n the field?			3	res no	_N/A		
14. Air Samples:	Cassettes / Tubes	Intact Y / N	with MS Y	N Canis	sters Pre	ssurized	Tedlar® E	Bags Inflated (	N/A
pri Lot of test paper	Reagent	Yes No		vea	Exp	Adjusted	Added		d Final pH
<u>≥12</u>	NaOH							-	
≤2	HNO <sub>3</sub>	ļ,	ļ		1				-
	H <sub>2</sub> SO <sub>4</sub>					-			
<4 .	NaHSO <sub>4</sub>								
5-9	For 608pest		No=Notify	for 3day				· ·	
Residual	For CN,		If +, contac	t PM to add					
	Phenol, $625$ ,		CN), ascort	pic (phenol).					
(-)	Na-S-O-		··· · ·						
						**VOAs and	1664 Not to b	e tected before and	lveie
	HCI	** **	0208	152	Valar	Otherwise, al	l bottles of all	samples with cher	nical preservatives
			Janus		025	are checked (	not just repres	entatives).	
Bottle lot numbers:	· /C	21090	2-3Ai	хH					
Explain all Discrepan	cies/ Other Comm	ents:		<u></u>					
	Hia/30/24		ī						
CAC Giled	of out	in Dan	-11.			-			
	Du Ou	in lene	2113						
$\sim$							, ·		
								HPRO	DBULK

HPROD	BULK
HTR	FLDT
SUB	HGFB
ALS	. LL3541

Labels secondary reviewed by:

¥

\*significant air bubbles: VOA > 5-6 mm : WC >1 in. diameter

P:\INTRANET\QAQC\Forms Controlled\Cooler Receipt r21.doc

419

05/17/2024



# Miscellaneous Forms

ALS Environmental—Rochester Laboratory 1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623 Phone (585) 288-5380 Fax (585) 288-8475 www.alsglobal.com

RIGHT SOLUTIONS | RIGHT PARTNER



## **REPORT QUALIFIERS AND DEFINITIONS**

 $^+$ 

Ν

Ν

S

W

- U Analyte was analyzed for but not detected. The sample quantitation limit has been corrected for dilution and for percent moisture, unless otherwise noted in the case narrative.
- J Estimated value due to either being a Tentatively Identified Compound (TIC) or that the concentration is between the MRL and the MDL. Concentrations are not verified within the linear range of the calibration. For DoD: concentration >40% difference between two GC columns (pesticides/Arclors).
- B Analyte was also detected in the associated method blank at a concentration that may have contributed to the sample result.
- E Inorganics- Concentration is estimated due to the serial dilution was outside control limits.
- E Organics- Concentration has exceeded the calibration range for that specific analysis.
- D Concentration is a result of a dilution, typically a secondary analysis of the sample due to exceeding the calibration range or that a surrogate has been diluted out of the sample and cannot be assessed.
- Indicates that a quality control parameter has exceeded laboratory limits. Under the "Notes" column of the Form I, this qualifier denotes analysis was performed out of Holding Time.
- H Analysis was performed out of hold time for tests that have an "immediate" hold time criteria.

NELAP States Florida ID # E87674

# Spike was diluted out.



## spike absorbance.

P Concentration >40% difference between the two GC columns.

Correlation coefficient for MSA is <0.995.

Inorganics- Matrix spike recovery was outside

Organics- Presumptive evidence of a compound (reported as a TIC) based on the MS library search.

Concentration has been determined using Method

Post-Digestion Spike recovery is outside control

limits and the sample absorbance is <50% of the

C Confirmed by GC/MS

laboratory limits.

- Q DoD reports: indicates a pesticide/Aroclor is not confirmed (≥100% Difference between two GC columns).
- X See Case Narrative for discussion.

of Standard Additions (MSA).

- MRL Method Reporting Limit. Also known as:
- LOQ Limit of Quantitation (LOQ) The lowest concentration at which the method analyte may be reliably quantified under the method conditions.
- MDL Method Detection Limit. A statistical value derived from a study designed to provide the lowest concentration that will be detected 99% of the time. Values between the MDL and MRL are estimated (see J qualifier).
- LOD Limit of Detection. A value at or above the MDL which has been verified to be detectable.
- ND Non-Detect. Analyte was not detected at the concentration listed. Same as U qualifier.

Non-NELAP States
Connecticut ID #PH0556
Delaware Approved
Maine ID #NY01587
North Carolina #36701
North Carolina #676
Rhode Island LAO00333

#### **Rochester Lab ID # for State Accreditations<sup>1</sup>**

<sup>1</sup> Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state or agency requirements. The test results meet requirements of the current NELAP/TNI standards or state or agency requirements, where applicable, except as noted in the case narrative. Since not all analyte/method/matrix combinations are offered for state/NELAC accreditation, this report may contain results which are not accredited. For a specific list of accredited analytes, contact the laboratory. To verify NH accredited analytes, go to <a href="https://www4.des.state.nh.us/CertifiedLabs/Certified-Method.aspx">https://www4.des.state.nh.us/CertifiedLabs/Certified-Method.aspx</a>.

## ALS Laboratory Group

## Acronyms

ASTM	American Society for Testing and Materials
A2LA	American Association for Laboratory Accreditation
CARB	California Air Resources Board
CAS Number	Chemical Abstract Service registry Number
CFC	Chlorofluorocarbon
CFU	Colony-Forming Unit
DEC	Department of Environmental Conservation
DEQ	Department of Environmental Quality
DHS	Department of Health Services
DOE	Department of Ecology
DOH	Department of Health
EPA	U. S. Environmental Protection Agency
ELAP	Environmental Laboratory Accreditation Program
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
LUFT	Leaking Underground Fuel Tank
М	Modified
MCL	Maximum Contaminant Level is the highest permissible concentration of a
	substance allowed in drinking water as established by the USEPA.
MDL	Method Detection Limit
MPN	Most Probable Number
MRL	Method Reporting Limit
NA	Not Applicable
NC	Not Calculated
NCASI	National Council of the Paper Industry for Air and Stream Improvement
ND	Not Detected
NIOSH	National Institute for Occupational Safety and Health
PQL	Practical Quantitation Limit
RCRA	Resource Conservation and Recovery Act
SIM	Selected Ion Monitoring
TPH	Total Petroleum Hydrocarbons
tr	Trace level is the concentration of an analyte that is less than the PQL but
	greater than or equal to the MDL.

Analyst Summary report

Client:	GHD
Project:	Site 255 GMCH-1000 Lexington Avenue/058507

Service Request: R2409596

Sample Name:	020811-092424-0001	Date Collected:	09/24/24
Lab Code:	R2409596-001	Date Received:	09/27/24
Sample Matrix:	Water		

<b>Analysis Method</b> 8260D		Extracted/Digested By	<b>Analyzed By</b> KRUEST
Sample Name: Lab Code: Sample Matrix:	R3-092424-1100 R2409596-002 Water		<b>Date Collected:</b> 09/24/24 <b>Date Received:</b> 09/27/24
<b>Analysis Method</b> 8260D		Extracted/Digested By	<b>Analyzed By</b> FNAEGLER
Sample Name: Lab Code: Sample Matrix:	R3-092424-1100 R2409596-002.R01 Water		<b>Date Collected:</b> 09/24/24 <b>Date Received:</b> 09/27/24
Analysis Method 8260D		Extracted/Digested By	<b>Analyzed By</b> FNAEGLER
Sample Name: Lab Code: Sample Matrix:	R101-092424-1205 R2409596-003 Water		<b>Date Collected:</b> 09/24/24 <b>Date Received:</b> 09/27/24
<b>Analysis Method</b> 8260D		Extracted/Digested By	Analyzed By KRUEST
Sample Name: Lab Code: Sample Matrix:	SR101-092424-1340 R2409596-004 Water		<b>Date Collected:</b> 09/24/24 <b>Date Received:</b> 09/27/24
Analysis Method 8260D		Extracted/Digested By	<b>Analyzed By</b> KRUEST

Analyst Summary report

Client:	GHD
Project:	Site 255 GMCH-1000 Lexington Avenue/058507

Service Request: R2409596

Sample Name:	R401-092424-1505	Date Collected:	09/24/24
Lab Code:	R2409596-005	Date Received:	09/27/24
Sample Matrix:	Water		

<b>Analysis Method</b> 8260D		Extracted/Digested By	<b>Analyzed By</b> FNAEGLER
Sample Name: Lab Code: Sample Matrix:	R403-092524-0855 R2409596-006 Water		<b>Date Collected:</b> 09/25/24 <b>Date Received:</b> 09/27/24
<b>Analysis Method</b> 8260D		Extracted/Digested By	<b>Analyzed By</b> KRUEST
Sample Name: Lab Code: Sample Matrix:	R108-092524-1410 R2409596-007 Water		<b>Date Collected:</b> 09/25/24 <b>Date Received:</b> 09/27/24
<b>Analysis Method</b> 8260D		Extracted/Digested By	<b>Analyzed By</b> FNAEGLER
Sample Name: Lab Code: Sample Matrix:	020811-092624-0001 R2409596-008 Water		<b>Date Collected:</b> 09/26/24 <b>Date Received:</b> 09/27/24
<b>Analysis Method</b> 8260D		Extracted/Digested By	<b>Analyzed By</b> KRUEST
Sample Name: Lab Code: Sample Matrix:	R107-092624-0850 R2409596-009 Water		<b>Date Collected:</b> 09/26/24 <b>Date Received:</b> 09/27/24
<b>Analysis Method</b> 8260D		Extracted/Digested By	Analyzed By KRUEST

Analyst Summary report

Client: Project:	GHD Site 255 GMCH-1000 Lexington Avenue/05850	07
Sample Name: Lab Code: Sample Matrix:	020811-092624-0002 R2409596-010 Water	
Analysis Method 8260D		Extracted/Digested By
Sample Name: Lab Code: Sample Matrix:	SR107-092624-1010 R2409596-011 Water	
Analysis Method 8260D		Extracted/Digested By
Sample Name: Lab Code: Sample Matrix:	DR109-092624-1225 R2409596-012 Water	

**Analysis Method** 8260D

Sample Name:	R-109-092624-1405
Lab Code:	R2409596-013
Sample Matrix:	Water

**Analysis Method** 8260D

Sample Name: 020811-092724-0001 Lab Code: R2409596-014 Sample Matrix: Water

Extracted/Digested By

Extracted/Digested By

Analyzed By FNAEGLER

Date Collected: 09/27/24 **Date Received:** 09/27/24

Service Request: R2409596

Date Collected: 09/26/24

**Date Received:** 09/27/24

Analyzed By

Analyzed By

Analyzed By

FNAEGLER

KRUEST

Date Collected: 09/26/24

**Date Received:** 09/27/24

Date Collected: 09/26/24

**Date Received:** 09/27/24

KRUEST

Date Collected: 09/26/24

**Date Received:** 09/27/24

Extracted/Digested By **Analysis Method** 8260D

Analyst Summary report

Client:GHDProject:Site 255 GMCH-1000 Lexington Avenue/058507

Service Request: R2409596

Sample Name:	R301-092724-1110	Date Collected:	09/27/24
Lab Code:	R2409596-015	Date Received:	09/27/24
Sample Matrix:	Water		

<b>Analysis Method</b> 8260D		Extracted/Digested By	<b>Analyzed By</b> KRUEST
Sample Name:	SR301-092724-1205		Date Collected: 09/27/24
Lab Code: Sample Matrix:	R2409596-016 Water		<b>Date Received:</b> 09/27/24
Analysis Method		Extracted/Digested By	Analyzed By
8260D			FNAEGLER
Sample Name:	DR105-092724-1505		Date Collected: 09/27/24
Lab Code:	R2409596-017		Date Received: 09/27/24
Sample Matrix:	Water		
Analysis Method		Extracted/Digested By	Analyzed By
8260D			FNAEGLER
Sample Name:	020811-092724-0002		Date Collected: 09/27/24
Lab Code:	R2409596-018		Date Received: 09/27/24
Sample Matrix:	Water		
Analysis Method		Extracted/Digested By	Analyzed By
8260D			FNAEGLER



The preparation methods associated with this report are found in these tables unless discussed in the case narrative.

## INORGANIC

#### Water/Liquid Matrix

Analytical Method	Preparation Method
200.7	200.2
200.8	200.2
6010C or 6010D	3005A/3010A
6020A or 6020B	ILM05.3
9034 Sulfide Acid Soluble	9030B
SM 4500-CN-N-2016	SM 4500-CN-G and
Amenable and Residual	SM 4500-CN-B,C-2016
Cyanide	
SM 4500-CN-E WAD	SM 4500-CN-I
Cyanide	

#### Solid/Soil/Non-Aqueous Matrix

Analytical Method	Preparation		
	Method		
6010C or 6010D	3050B		
6020A or 6020B	3050B		
6010C or 6010D TCLP	3005A/3010A		
(1311) extract			
6010C or 6010D SPLP	3005A/3010A		
(1312) extract			
7199	3060A		
300.0 Anions/ 350.1/ 353.2/	DI extraction		
SM 2320B/ SM 5210B/			
9056A Anions			
For analytical methods not listed, the preparation method is the same as the analytical method reference.			

### ORGANIC

#### Preparation Methods for Organic methods are listed in the header of the Results pages.

#### Regarding "Bulk/5035A":

For soil/solid samples submitted in soil jars for Volatiles analysis, the prep method is listed as "Bulk/5035A". The lab follows the closed-system EPA 5035A protocols once the sample is transferred to a sealed vial, but collection in bulk in soil jars does not follow the collection protocols listed in EPA 5035A. In accordance with the NYSDOH technical notice of October 2012, all results or reporting limits <200 ug/kg are to be considered estimated due to potential low bias.



# Sample Results

ALS Environmental—Rochester Laboratory 1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623 Phone (585) 288-5380 Fax (585) 288-8475 www.alsglobal.com

RIGHT SOLUTIONS | RIGHT PARTNER



# Volatile Organic Compounds by GC/MS

ALS Environmental—Rochester Laboratory 1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623 Phone (585) 288-5380 Fax (585) 288-8475 www.alsglobal.com

RIGHT SOLUTIONS | RIGHT PARTNER

Analytical Report **Client:** GHD Service Request: R2409596 **Date Collected:** 09/24/24 08:00 **Project:** Site 255 GMCH-1000 Lexington Avenue/058507 Sample Matrix: Water Date Received: 09/27/24 16:30 Sample Name: 020811-092424-0001 Units: ug/L Lab Code: R2409596-001 Basis: NA

#### Volatile Organic Compounds by GC/MS

Analysis Method:	8260D
Prep Method:	EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	0.20	1	10/04/24 00:50	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/04/24 00:50	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/04/24 00:50	
Trichlorotrifluoroethane	1.0 U	1.0	0.20	1	10/04/24 00:50	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	10/04/24 00:50	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	10/04/24 00:50	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/04/24 00:50	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/04/24 00:50	
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/04/24 00:50	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/04/24 00:50	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/04/24 00:50	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/04/24 00:50	
1.3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/04/24 00:50	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/04/24 00:50	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/04/24 00:50	
2-Hexanone	5.0 U	5.0	0.20	1	10/04/24 00:50	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/04/24 00:50	
Acetone	5.0 U	5.0	5.0	1	10/04/24 00:50	
Benzene	1.0 U	1.0	0.20	1	10/04/24 00:50	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/04/24 00:50	
Bromoform	1.0 U	1.0	0.25	1	10/04/24 00:50	
Bromomethane	1.0 U	1.0	0.70	1	10/04/24 00:50	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/04/24 00:50	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/04/24 00:50	
Chlorobenzene	1.0 U	1.0	0.20	1	10/04/24 00:50	
Chloroethane	1.0 U	1.0	0.23	1	10/04/24 00:50	
Chloroform	1.0 U	1.0	0.51	1	10/04/24 00:50	
Chloromethane	1.0 U	1.0	0.80	1	10/04/24 00:50	
Cyclohexane	1.0 U	1.0	0.60	1	10/04/24 00:50	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/04/24 00:50	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/04/24 00:50	
Methylene Chloride	1.0 U	1.0	0.65	1	10/04/24 00:50	
Ethylbenzene	1.0 U	1.0	0.20	1	10/04/24 00:50	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/04/24 00:50	
Methyl Acetate	2.0 U	2.0	0.87	1	10/04/24 00:50	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/04/24 00:50	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/04/24 00:50	
Styrene	1.0 U	1.0	0.20	1	10/04/24 00:50	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	10/04/24 00:50	
Toluene	1.0 U	1.0	0.20	1	10/04/24 00:50	
Trichloroethene (TCE)	1.0 U	1.0	0.20	1	10/04/24 00:50	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/04/24 00:50	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/04/24 00:50	

Printed 10/17/2024 12:13:14 PM

Superset Reference:24-0000711578 rev 00

	Analytical Report		
Client:	GHD	Service Request:	R2409596
Project:	Site 255 GMCH-1000 Lexington Avenue/058507	Date Collected:	09/24/24 08:00
Sample Matrix:	Water	Date Received:	09/27/24 16:30
Sample Name:	020811-092424-0001	Units:	ug/L
Lab Code:	R2409596-001	Basis:	NA

#### Volatile Organic Compounds by GC/MS

Analysis Method:	8260D
Prep Method:	EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Xylenes, Total	3.0 U	3.0	0.23	1	10/04/24 00:50	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/04/24 00:50	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/04/24 00:50	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/04/24 00:50	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/04/24 00:50	

Surrogate Name	% Rec	<b>Control Limits</b>	Date Analyzed	Q
4-Bromofluorobenzene	106	85 - 122	10/04/24 00:50	
Dibromofluoromethane	104	80 - 116	10/04/24 00:50	
Toluene-d8	102	87 - 121	10/04/24 00:50	

Analytical Report **Client:** GHD Service Request: R2409596 **Date Collected:** 09/24/24 11:00 **Project:** Site 255 GMCH-1000 Lexington Avenue/058507 Sample Matrix: Water Date Received: 09/27/24 16:30 Sample Name: R3-092424-1100 Units: ug/L Lab Code: R2409596-002 Basis: NA

#### Volatile Organic Compounds by GC/MS

Analysis Method:	8260D
Prep Method:	EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	0.20	1	10/08/24 00:46	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/08/24 00:46	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/08/24 00:46	
Trichlorotrifluoroethane	1.0 U	1.0	0.20	1	10/08/24 00:46	
1,1-Dichloroethane (1,1-DCA)	1.1	1.0	0.20	1	10/08/24 00:46	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	10/08/24 00:46	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/08/24 00:46	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/08/24 00:46	
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/08/24 00:46	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/08/24 00:46	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/08/24 00:46	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/08/24 00:46	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/08/24 00:46	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/08/24 00:46	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/08/24 00:46	
2-Hexanone	5.0 U	5.0	0.20	1	10/08/24 00:46	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/08/24 00:46	
Acetone	5.0 U	5.0	5.0	1	10/08/24 00:46	
Benzene	1.0 U	1.0	0.20	1	10/08/24 00:46	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/08/24 00:46	
Bromoform	1.0 U	1.0	0.25	1	10/08/24 00:46	
Bromomethane	1.0 U	1.0	0.70	1	10/08/24 00:46	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/08/24 00:46	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/08/24 00:46	
Chlorobenzene	1.0 U	1.0	0.20	1	10/08/24 00:46	
Chloroethane	1.0 U	1.0	0.23	1	10/08/24 00:46	
Chloroform	1.0 U	1.0	0.51	1	10/08/24 00:46	
Chloromethane	1.0 U	1.0	0.80	1	10/08/24 00:46	
Cyclohexane	1.0 U	1.0	0.60	1	10/08/24 00:46	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/08/24 00:46	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/08/24 00:46	
Methylene Chloride	1.0 U	1.0	0.65	1	10/08/24 00:46	
Ethylbenzene	1.0 U	1.0	0.20	1	10/08/24 00:46	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/08/24 00:46	
Methyl Acetate	2.0 U	2.0	0.87	1	10/08/24 00:46	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/08/24 00:46	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/08/24 00:46	
Styrene	1.0 U	1.0	0.20	1	10/08/24 00:46	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	10/08/24 00:46	
Toluene	1.0 U	1.0	0.20	1	10/08/24 00:46	
Trichloroethene (TCE)	1.0 U	1.0	0.20	1	10/08/24 00:46	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/08/24 00:46	
Vinyl Chloride	1.2	1.0	0.20	1	10/08/24 00:46	

Printed 10/17/2024 12:13:15 PM

Superset Reference:24-0000711578 rev 00

Analytical Report **Client:** GHD Service Request: R2409596 **Date Collected:** 09/24/24 11:00 **Project:** Site 255 GMCH-1000 Lexington Avenue/058507 Sample Matrix: Water Date Received: 09/27/24 16:30 Sample Name: R3-092424-1100 Units: ug/L Lab Code: R2409596-002 Basis: NA

#### Volatile Organic Compounds by GC/MS

Analysis Method:	8260D
Prep Method:	EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Xylenes, Total	3.0 U	3.0	0.23	1	10/08/24 00:46	
cis-1,2-Dichloroethene	1.1	1.0	0.23	1	10/08/24 00:46	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/08/24 00:46	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/08/24 00:46	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/08/24 00:46	

Surrogate Name	% Rec	<b>Control Limits</b>	Date Analyzed	Q
4-Bromofluorobenzene	96	85 - 122	10/08/24 00:46	
Dibromofluoromethane	99	80 - 116	10/08/24 00:46	
Toluene-d8	106	87 - 121	10/08/24 00:46	

Analytical Report **Client:** GHD Service Request: R2409596 **Date Collected:** 09/24/24 11:00 **Project:** Site 255 GMCH-1000 Lexington Avenue/058507 Sample Matrix: Water Date Received: 09/27/24 16:30 Sample Name: R3-092424-1100 Units: ug/L Lab Code: R2409596-002 Basis: NA

#### Volatile Organic Compounds by GC/MS

Analysis Method:	8260D
Prep Method:	EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	0.20	1	10/09/24 21:38	*
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/09/24 21:38	*
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/09/24 21:38	*
Trichlorotrifluoroethane	1.0 U	1.0	0.20	1	10/09/24 21:38	*
1,1-Dichloroethane (1,1-DCA)	1.3	1.0	0.20	1	10/09/24 21:38	*
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	10/09/24 21:38	*
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/09/24 21:38	*
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/09/24 21:38	*
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/09/24 21:38	*
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/09/24 21:38	*
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/09/24 21:38	*
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/09/24 21:38	*
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/09/24 21:38	*
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/09/24 21:38	*
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/09/24 21:38	*
2-Hexanone	5.0 U	5.0	0.20	1	10/09/24 21:38	*
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/09/24 21:38	*
Acetone	5.0 U	5.0	5.0	1	10/09/24 21:38	*
Benzene	1.0 U	1.0	0.20	1	10/09/24 21:38	*
Bromodichloromethane	1.0 U	1.0	0.20	1	10/09/24 21:38	*
Bromoform	1.0 U	1.0	0.25	1	10/09/24 21:38	*
Bromomethane	1.0 U	1.0	0.70	1	10/09/24 21:38	*
Carbon Disulfide	0.71 J	1.0	0.42	1	10/09/24 21:38	*
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/09/24 21:38	*
Chlorobenzene	1.0 U	1.0	0.20	1	10/09/24 21:38	*
Chloroethane	1.0 U	1.0	0.23	1	10/09/24 21:38	*
Chloroform	1.0 U	1.0	0.51	1	10/09/24 21:38	*
Chloromethane	1.0 U	1.0	0.80	1	10/09/24 21:38	*
Cyclohexane	1.0 U	1.0	0.60	1	10/09/24 21:38	*
Dibromochloromethane	1.0 U	1.0	0.20	1	10/09/24 21:38	*
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/09/24 21:38	*
Methylene Chloride	1.0 U	1.0	0.65	1	10/09/24 21:38	*
Ethylbenzene	1.0 U	1.0	0.20	1	10/09/24 21:38	*
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/09/24 21:38	*
Methyl Acetate	2.0 U	2.0	0.87	1	10/09/24 21:38	*
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/09/24 21:38	*
Methylcyclohexane	1.0 U	1.0	0.20	1	10/09/24 21:38	*
Styrene	1.0 U	1.0	0.20	1	10/09/24 21:38	*
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	10/09/24 21:38	*
Toluene	1.0 U	1.0	0.20	1	10/09/24 21:38	*
Trichloroethene (TCE)	1.0 U	1.0	0.20	1	10/09/24 21:38	*
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/09/24 21:38	*
Vinyl Chloride	1.6	1.0	0.20	1	10/09/24 21:38	*

Printed 10/17/2024 12:13:15 PM

Superset Reference:24-0000711578 rev 00

	Analytical Report		
Client:	GHD	Service Request:	R2409596
Project:	Site 255 GMCH-1000 Lexington Avenue/058507	Date Collected:	09/24/24 11:00
Sample Matrix:	Water	Date Received:	09/27/24 16:30
Sample Name:	R3-092424-1100	Units:	ug/L
Lab Code:	R2409596-002	Basis:	NA

#### Volatile Organic Compounds by GC/MS

Analysis Method:	8260D
Prep Method:	EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Xylenes, Total	3.0 U	3.0	0.23	1	10/09/24 21:38	*
cis-1,2-Dichloroethene	1.3	1.0	0.23	1	10/09/24 21:38	*
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/09/24 21:38	*
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/09/24 21:38	*
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/09/24 21:38	*

Surrogate Name	% Rec	<b>Control Limits</b>	Date Analyzed	Q
4-Bromofluorobenzene	100	85 - 122	10/09/24 21:38	
Dibromofluoromethane	101	80 - 116	10/09/24 21:38	
Toluene-d8	104	87 - 121	10/09/24 21:38	

Analytical Report **Client:** GHD Service Request: R2409596 **Date Collected:** 09/24/24 12:05 **Project:** Site 255 GMCH-1000 Lexington Avenue/058507 Sample Matrix: Water Date Received: 09/27/24 16:30 Sample Name: R101-092424-1205 Units: ug/L Lab Code: R2409596-003 Basis: NA

#### Volatile Organic Compounds by GC/MS

Analysis Method:	8260D
Prep Method:	EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	0.20	1	10/04/24 01:37	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/04/24 01:37	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/04/24 01:37	
Trichlorotrifluoroethane	1.0 U	1.0	0.20	1	10/04/24 01:37	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	10/04/24 01:37	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	10/04/24 01:37	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/04/24 01:37	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/04/24 01:37	
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/04/24 01:37	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/04/24 01:37	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/04/24 01:37	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/04/24 01:37	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/04/24 01:37	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/04/24 01:37	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/04/24 01:37	
2-Hexanone	5.0 U	5.0	0.20	1	10/04/24 01:37	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/04/24 01:37	
Acetone	5.0 U	5.0	5.0	1	10/04/24 01:37	
Benzene	0.47 J	1.0	0.20	1	10/04/24 01:37	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/04/24 01:37	
Bromoform	1.0 U	1.0	0.25	1	10/04/24 01:37	
Bromomethane	1.0 U	1.0	0.70	1	10/04/24 01:37	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/04/24 01:37	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/04/24 01:37	
Chlorobenzene	1.0 U	1.0	0.20	1	10/04/24 01:37	
Chloroethane	1.0 U	1.0	0.23	1	10/04/24 01:37	
Chloroform	1.0 U	1.0	0.51	1	10/04/24 01:37	
Chloromethane	1.0 U	1.0	0.80	1	10/04/24 01:37	
Cyclohexane	1.0 U	1.0	0.60	1	10/04/24 01:37	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/04/24 01:37	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/04/24 01:37	
Methylene Chloride	1.0 U	1.0	0.65	1	10/04/24 01:37	
Ethylbenzene	1.0 U	1.0	0.20	1	10/04/24 01:37	
Isopropylbenzene (Cumene)	0.21 J	1.0	0.20	1	10/04/24 01:37	
Methyl Acetate	2.0 U	2.0	0.87	1	10/04/24 01:37	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/04/24 01:37	
Methylcyclohexane	0.45 J	1.0	0.20	1	10/04/24 01:37	
Styrene	1.0 U	1.0	0.20	1	10/04/24 01:37	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	10/04/24 01:37	
Toluene	1.0 U	1.0	0.20	1	10/04/24 01:37	
Trichloroethene (TCE)	1.0 U	1.0	0.20	1	10/04/24 01:37	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/04/24 01:37	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/04/24 01:37	

Printed 10/17/2024 12:13:15 PM

Superset Reference:24-0000711578 rev 00

	Analytical Report		
Client:	GHD	Service Request:	R2409596
Project:	Site 255 GMCH-1000 Lexington Avenue/058507	Date Collected:	09/24/24 12:05
Sample Matrix:	Water	Date Received:	09/27/24 16:30
Sample Name:	R101-092424-1205	Units:	ug/L
Lab Code:	R2409596-003	Basis:	NA

#### Volatile Organic Compounds by GC/MS

Analysis Method:	8260D
Prep Method:	EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Xylenes, Total	3.0 U	3.0	0.23	1	10/04/24 01:37	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/04/24 01:37	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/04/24 01:37	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/04/24 01:37	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/04/24 01:37	

Surrogate Name	% Rec	<b>Control Limits</b>	Date Analyzed	Q
4-Bromofluorobenzene	101	85 - 122	10/04/24 01:37	
Dibromofluoromethane	102	80 - 116	10/04/24 01:37	
Toluene-d8	99	87 - 121	10/04/24 01:37	
Analytical Report **Client:** GHD Service Request: R2409596 **Date Collected:** 09/24/24 13:40 **Project:** Site 255 GMCH-1000 Lexington Avenue/058507 Sample Matrix: Water Date Received: 09/27/24 16:30 Sample Name: SR101-092424-1340 Units: ug/L Lab Code: R2409596-004 Basis: NA

#### Volatile Organic Compounds by GC/MS

Analysis Method:	8260D		
Prep Method:	EPA 5030C		

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	0.20	1	10/04/24 02:00	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/04/24 02:00	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/04/24 02:00	
Trichlorotrifluoroethane	1.0 U	1.0	0.20	1	10/04/24 02:00	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	10/04/24 02:00	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	10/04/24 02:00	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/04/24 02:00	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/04/24 02:00	
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/04/24 02:00	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/04/24 02:00	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/04/24 02:00	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/04/24 02:00	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/04/24 02:00	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/04/24 02:00	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/04/24 02:00	
2-Hexanone	5.0 U	5.0	0.20	1	10/04/24 02:00	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/04/24 02:00	
Acetone	5.0 U	5.0	5.0	1	10/04/24 02:00	
Benzene	1.0 U	1.0	0.20	1	10/04/24 02:00	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/04/24 02:00	
Bromoform	1.0 U	1.0	0.25	1	10/04/24 02:00	
Bromomethane	1.0 U	1.0	0.70	1	10/04/24 02:00	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/04/24 02:00	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/04/24 02:00	
Chlorobenzene	1.0 U	1.0	0.20	1	10/04/24 02:00	
Chloroethane	1.0 U	1.0	0.23	1	10/04/24 02:00	
Chloroform	1.0 U	1.0	0.51	1	10/04/24 02:00	
Chloromethane	1.0 U	1.0	0.80	1	10/04/24 02:00	
Cyclohexane	1.0 U	1.0	0.60	1	10/04/24 02:00	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/04/24 02:00	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/04/24 02:00	
Methylene Chloride	1.0 U	1.0	0.65	1	10/04/24 02:00	
Ethylbenzene	1.0 U	1.0	0.20	1	10/04/24 02:00	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/04/24 02:00	
Methyl Acetate	2.0 U	2.0	0.87	1	10/04/24 02:00	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/04/24 02:00	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/04/24 02:00	
Styrene	1.0 U	1.0	0.20	1	10/04/24 02:00	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	10/04/24 02:00	
Toluene	1.0 U	1.0	0.20	1	10/04/24 02:00	
Trichloroethene (TCE)	1.0 U	1.0	0.20	1	10/04/24 02:00	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/04/24 02:00	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/04/24 02:00	

	Analytical Report		
Client:	GHD	Service Request:	R2409596
Project:	Site 255 GMCH-1000 Lexington Avenue/058507	Date Collected:	09/24/24 13:40
Sample Matrix:	Water	Date Received:	09/27/24 16:30
Sample Name:	SR101-092424-1340	Units:	ug/L
Lab Code:	R2409596-004	Basis:	NA

Analysis Method:	8260D
Prep Method:	EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Xylenes, Total	3.0 U	3.0	0.23	1	10/04/24 02:00	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/04/24 02:00	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/04/24 02:00	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/04/24 02:00	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/04/24 02:00	

Surrogate Name	% Rec	<b>Control Limits</b>	Date Analyzed	Q
4-Bromofluorobenzene	102	85 - 122	10/04/24 02:00	
Dibromofluoromethane	106	80 - 116	10/04/24 02:00	
Toluene-d8	101	87 - 121	10/04/24 02:00	

Analytical Report **Client:** GHD Service Request: R2409596 **Date Collected:** 09/24/24 15:05 **Project:** Site 255 GMCH-1000 Lexington Avenue/058507 Sample Matrix: Water Date Received: 09/27/24 16:30 Sample Name: R401-092424-1505 Units: ug/L Lab Code: R2409596-005 Basis: NA

# Volatile Organic Compounds by GC/MS

Analysis Method:	8260D
Prep Method:	EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	0.20	1	10/08/24 01:09	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/08/24 01:09	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/08/24 01:09	
Trichlorotrifluoroethane	1.0 U	1.0	0.20	1	10/08/24 01:09	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	10/08/24 01:09	
1,1-Dichloroethene (1,1-DCE)	0.23 J	1.0	0.20	1	10/08/24 01:09	
1.2.4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/08/24 01:09	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/08/24 01:09	
1.2-Dibromoethane	1.0 U	1.0	0.20	1	10/08/24 01:09	
1.2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/08/24 01:09	
1.2-Dichloroethane	1.0 U	1.0	0.20	1	10/08/24 01:09	
1.2-Dichloropropane	1.0 U	1.0	0.20	1	10/08/24 01:09	
1.3-Dichlorobenzene	0.22 J	1.0	0.20	1	10/08/24 01:09	
1.4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/08/24 01:09	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/08/24 01:09	
2-Hexanone	5.0 U	5.0	0.20	1	10/08/24 01:09	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/08/24 01:09	
Acetone	5.0 U	5.0	5.0	1	10/08/24 01:09	
Benzene	1.0 U	1.0	0.20	1	10/08/24 01:09	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/08/24 01:09	
Bromoform	1.0 U	1.0	0.25	1	10/08/24 01:09	
Bromomethane	1.0 U	1.0	0.70	1	10/08/24 01:09	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/08/24 01:09	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/08/24 01:09	
Chlorobenzene	1.0 U	1.0	0.20	1	10/08/24 01:09	
Chloroethane	1.0 U	1.0	0.23	1	10/08/24 01:09	
Chloroform	1.0 U	1.0	0.51	1	10/08/24 01:09	
Chloromethane	1.0 U	1.0	0.80	1	10/08/24 01:09	
Cvclohexane	1.0 U	1.0	0.60	1	10/08/24 01:09	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/08/24 01:09	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/08/24 01:09	
Methylene Chloride	1.0 U	1.0	0.65	1	10/08/24 01:09	
Ethylbenzene	1.0 U	1.0	0.20	1	10/08/24 01:09	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/08/24 01:09	
Methyl Acetate	2.0 U	2.0	0.87	1	10/08/24 01:09	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/08/24 01:09	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/08/24 01:09	
Styrene	1.0 U	1.0	0.20	1	10/08/24 01:09	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	10/08/24 01:09	
Toluene	1.0 U	1.0	0.20	1	10/08/24 01:09	
Trichloroethene (TCE)	2.2	1.0	0.20	1	10/08/24 01:09	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	- 1	10/08/24 01:09	
Vinyl Chloride	7.6	1.0	0.20	1	10/08/24 01:09	

	Analytical Report		
Client:	GHD	Service Request:	R2409596
Project:	Site 255 GMCH-1000 Lexington Avenue/058507	Date Collected:	09/24/24 15:05
Sample Matrix:	Water	Date Received:	09/27/24 16:30
Sample Name:	R401-092424-1505	Units:	ug/L
Lab Code:	R2409596-005	Basis:	NA

Analysis Method:	8260D
Prep Method:	EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Xylenes, Total	3.0 U	3.0	0.23	1	10/08/24 01:09	
cis-1,2-Dichloroethene	20	1.0	0.23	1	10/08/24 01:09	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/08/24 01:09	
trans-1,2-Dichloroethene	0.35 J	1.0	0.20	1	10/08/24 01:09	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/08/24 01:09	

Surrogate Name	% Rec	<b>Control Limits</b>	Date Analyzed	Q
4-Bromofluorobenzene	94	85 - 122	10/08/24 01:09	
Dibromofluoromethane	96	80 - 116	10/08/24 01:09	
Toluene-d8	104	87 - 121	10/08/24 01:09	

Analytical Report **Client:** GHD Service Request: R2409596 **Date Collected:** 09/25/24 08:55 **Project:** Site 255 GMCH-1000 Lexington Avenue/058507 Sample Matrix: Water Date Received: 09/27/24 16:30 Sample Name: R403-092524-0855 Units: ug/L Lab Code: R2409596-006 Basis: NA

# Volatile Organic Compounds by GC/MS

Analysis Method:	8260D		
Prep Method:	EPA 5030C		

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	0.20	1	10/04/24 02:46	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/04/24 02:46	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/04/24 02:46	
Trichlorotrifluoroethane	1.0 U	1.0	0.20	1	10/04/24 02:46	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	10/04/24 02:46	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	10/04/24 02:46	
1.2.4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/04/24 02:46	
1.2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/04/24 02:46	
1.2-Dibromoethane	1.0 U	1.0	0.20	1	10/04/24 02:46	
1.2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/04/24 02:46	
1.2-Dichloroethane	1.0 U	1.0	0.20	1	10/04/24 02:46	
1.2-Dichloropropane	1.0 U	1.0	0.20	1	10/04/24 02:46	
1.3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/04/24 02:46	
1.4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/04/24 02:46	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/04/24 02:46	
2-Hexanone	5.0 U	5.0	0.20	1	10/04/24 02:46	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/04/24 02:46	
Acetone	5.0 U	5.0	5.0	1	10/04/24 02:46	
Benzene	1.0 U	1.0	0.20	1	10/04/24 02:46	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/04/24 02:46	
Bromoform	1.0 U	1.0	0.25	1	10/04/24 02:46	
Bromomethane	1.0 U	1.0	0.70	1	10/04/24 02:46	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/04/24 02:46	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/04/24 02:46	
Chlorobenzene	1.0 U	1.0	0.20	1	10/04/24 02:46	
Chloroethane	1.0 U	1.0	0.23	1	10/04/24 02:46	
Chloroform	1.0 U	1.0	0.51	1	10/04/24 02:46	
Chloromethane	1.0 U	1.0	0.80	1	10/04/24 02:46	
Cvclohexane	1.0 U	1.0	0.60	1	10/04/24 02:46	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/04/24 02:46	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/04/24 02:46	
Methylene Chloride	1.0 U	1.0	0.65	1	10/04/24 02:46	
Ethylbenzene	1.0 U	1.0	0.20	1	10/04/24 02:46	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/04/24 02:46	
Methyl Acetate	2.0 U	2.0	0.87	1	10/04/24 02:46	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/04/24 02:46	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/04/24 02:46	
Styrene	1.0 U	1.0	0.20	1	10/04/24 02:46	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	10/04/24 02:46	
Toluene	1.0 U	1.0	0.20	1	10/04/24 02:46	
Trichloroethene (TCE)	1.0 U	1.0	0.20	1	10/04/24 02:46	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/04/24 02:46	
Vinyl Chloride	0.33 J	1.0	0.20	1	10/04/24 02:46	

Printed 10/17/2024 12:13:17 PM

	Analytical Report		
Client:	GHD	Service Request:	R2409596
Project:	Site 255 GMCH-1000 Lexington Avenue/058507	Date Collected:	09/25/24 08:55
Sample Matrix:	Water	Date Received:	09/27/24 16:30
Sample Name:	R403-092524-0855	Units:	ug/L
Lab Code:	R2409596-006	Basis:	NA

Analysis Method:	8260D
Prep Method:	EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Xylenes, Total	3.0 U	3.0	0.23	1	10/04/24 02:46	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/04/24 02:46	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/04/24 02:46	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/04/24 02:46	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/04/24 02:46	

Surrogate Name	% Rec	<b>Control Limits</b>	Date Analyzed	Q
4-Bromofluorobenzene	101	85 - 122	10/04/24 02:46	
Dibromofluoromethane	103	80 - 116	10/04/24 02:46	
Toluene-d8	99	87 - 121	10/04/24 02:46	

Analytical Report **Client:** GHD Service Request: R2409596 **Date Collected:** 09/25/24 14:10 **Project:** Site 255 GMCH-1000 Lexington Avenue/058507 Sample Matrix: Water Date Received: 09/27/24 16:30 Sample Name: R108-092524-1410 Units: ug/L Lab Code: R2409596-007 Basis: NA

# Volatile Organic Compounds by GC/MS

Analysis Method:	8260D
Prep Method:	EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	0.20	1	10/09/24 22:01	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/09/24 22:01	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/09/24 22:01	
Trichlorotrifluoroethane	1.0 U	1.0	0.20	1	10/09/24 22:01	
1,1-Dichloroethane (1,1-DCA)	0.34 J	1.0	0.20	1	10/09/24 22:01	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	10/09/24 22:01	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/09/24 22:01	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/09/24 22:01	
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/09/24 22:01	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/09/24 22:01	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/09/24 22:01	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/09/24 22:01	
1.3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/09/24 22:01	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/09/24 22:01	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/09/24 22:01	
2-Hexanone	5.0 U	5.0	0.20	1	10/09/24 22:01	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/09/24 22:01	
Acetone	5.0 U	5.0	5.0	1	10/09/24 22:01	
Benzene	1.0 U	1.0	0.20	1	10/09/24 22:01	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/09/24 22:01	
Bromoform	1.0 U	1.0	0.25	1	10/09/24 22:01	
Bromomethane	1.0 U	1.0	0.70	1	10/09/24 22:01	
Carbon Disulfide	0.83 J	1.0	0.42	1	10/09/24 22:01	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/09/24 22:01	
Chlorobenzene	1.0 U	1.0	0.20	1	10/09/24 22:01	
Chloroethane	1.0 U	1.0	0.23	1	10/09/24 22:01	
Chloroform	1.0 U	1.0	0.51	1	10/09/24 22:01	
Chloromethane	1.0 U	1.0	0.80	1	10/09/24 22:01	
Cyclohexane	1.0 U	1.0	0.60	1	10/09/24 22:01	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/09/24 22:01	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/09/24 22:01	
Methylene Chloride	1.0 U	1.0	0.65	1	10/09/24 22:01	
Ethylbenzene	1.0 U	1.0	0.20	1	10/09/24 22:01	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/09/24 22:01	
Methyl Acetate	2.0 U	2.0	0.87	1	10/09/24 22:01	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/09/24 22:01	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/09/24 22:01	
Styrene	1.0 U	1.0	0.20	1	10/09/24 22:01	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	10/09/24 22:01	
Toluene	1.0 U	1.0	0.20	1	10/09/24 22:01	
Trichloroethene (TCE)	1.0 U	1.0	0.20	1	10/09/24 22:01	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/09/24 22:01	
Vinyl Chloride	140	1.0	0.20	1	10/09/24 22:01	

Printed 10/17/2024 12:13:17 PM

	Analytical Report		
Client:	GHD	Service Request:	R2409596
Project:	Site 255 GMCH-1000 Lexington Avenue/058507	Date Collected:	09/25/24 14:10
Sample Matrix:	Water	Date Received:	09/27/24 16:30
Sample Name:	R108-092524-1410	Units:	ug/L
Lab Code:	R2409596-007	Basis:	NA

Analysis Method:	8260D
Prep Method:	EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Xylenes, Total	3.0 U	3.0	0.23	1	10/09/24 22:01	
cis-1,2-Dichloroethene	6.1	1.0	0.23	1	10/09/24 22:01	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/09/24 22:01	
trans-1,2-Dichloroethene	0.59 J	1.0	0.20	1	10/09/24 22:01	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/09/24 22:01	

Surrogate Name	% Rec	<b>Control Limits</b>	Date Analyzed	Q
4-Bromofluorobenzene	99	85 - 122	10/09/24 22:01	
Dibromofluoromethane	102	80 - 116	10/09/24 22:01	
Toluene-d8	102	87 - 121	10/09/24 22:01	

Analytical Report **Client:** GHD Service Request: R2409596 **Date Collected:** 09/26/24 08:20 **Project:** Site 255 GMCH-1000 Lexington Avenue/058507 Sample Matrix: Water Date Received: 09/27/24 16:30 Sample Name: 020811-092624-0001 Units: ug/L Lab Code: R2409596-008 Basis: NA

# Volatile Organic Compounds by GC/MS

Analysis Method:	8260D		
Prep Method:	EPA 5030C		

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	0.20	1	10/04/24 03:32	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/04/24 03:32	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/04/24 03:32	
Trichlorotrifluoroethane	1.0 U	1.0	0.20	1	10/04/24 03:32	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	10/04/24 03:32	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	10/04/24 03:32	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/04/24 03:32	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/04/24 03:32	
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/04/24 03:32	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/04/24 03:32	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/04/24 03:32	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/04/24 03:32	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/04/24 03:32	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/04/24 03:32	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/04/24 03:32	
2-Hexanone	5.0 U	5.0	0.20	1	10/04/24 03:32	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/04/24 03:32	
Acetone	5.0 U	5.0	5.0	1	10/04/24 03:32	
Benzene	1.0 U	1.0	0.20	1	10/04/24 03:32	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/04/24 03:32	
Bromoform	1.0 U	1.0	0.25	1	10/04/24 03:32	
Bromomethane	1.0 U	1.0	0.70	1	10/04/24 03:32	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/04/24 03:32	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/04/24 03:32	
Chlorobenzene	1.0 U	1.0	0.20	1	10/04/24 03:32	
Chloroethane	1.0 U	1.0	0.23	1	10/04/24 03:32	
Chloroform	1.0 U	1.0	0.51	1	10/04/24 03:32	
Chloromethane	1.0 U	1.0	0.80	1	10/04/24 03:32	
Cyclohexane	1.0 U	1.0	0.60	1	10/04/24 03:32	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/04/24 03:32	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/04/24 03:32	
Methylene Chloride	1.0 U	1.0	0.65	1	10/04/24 03:32	
Ethylbenzene	1.0 U	1.0	0.20	1	10/04/24 03:32	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/04/24 03:32	
Methyl Acetate	2.0 U	2.0	0.87	1	10/04/24 03:32	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/04/24 03:32	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/04/24 03:32	
Styrene	1.0 U	1.0	0.20	1	10/04/24 03:32	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	10/04/24 03:32	
Toluene	1.0 U	1.0	0.20	1	10/04/24 03:32	
Trichloroethene (TCE)	1.0 U	1.0	0.20	1	10/04/24 03:32	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/04/24 03:32	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/04/24 03:32	

Printed 10/17/2024 12:13:17 PM

	Analytical Report		
Client:	GHD	Service Request:	R2409596
Project:	Site 255 GMCH-1000 Lexington Avenue/058507	Date Collected:	09/26/24 08:20
Sample Matrix:	Water	Date Received:	09/27/24 16:30
Sample Name:	020811-092624-0001	Units:	ug/L
Lab Code:	R2409596-008	Basis:	NA

Analysis Method:	8260D
Prep Method:	EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Xylenes, Total	3.0 U	3.0	0.23	1	10/04/24 03:32	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/04/24 03:32	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/04/24 03:32	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/04/24 03:32	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/04/24 03:32	

Surrogate Name	% Rec	<b>Control Limits</b>	Date Analyzed	Q
4-Bromofluorobenzene	102	85 - 122	10/04/24 03:32	
Dibromofluoromethane	104	80 - 116	10/04/24 03:32	
Toluene-d8	100	87 - 121	10/04/24 03:32	

Analytical Report **Client:** GHD Service Request: R2409596 Date Collected: 09/26/24 08:50 **Project:** Site 255 GMCH-1000 Lexington Avenue/058507 Sample Matrix: Water Date Received: 09/27/24 16:30 Sample Name: R107-092624-0850 Units: ug/L Lab Code: R2409596-009 Basis: NA

# Volatile Organic Compounds by GC/MS

Analysis Method:	8260D
Prep Method:	EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	0.20	1	10/04/24 03:55	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/04/24 03:55	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/04/24 03:55	
Trichlorotrifluoroethane	1.0 U	1.0	0.20	1	10/04/24 03:55	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	10/04/24 03:55	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	10/04/24 03:55	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/04/24 03:55	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/04/24 03:55	
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/04/24 03:55	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/04/24 03:55	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/04/24 03:55	
1.2-Dichloropropane	1.0 U	1.0	0.20	1	10/04/24 03:55	
1.3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/04/24 03:55	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/04/24 03:55	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/04/24 03:55	
2-Hexanone	5.0 U	5.0	0.20	1	10/04/24 03:55	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/04/24 03:55	
Acetone	5.0 U	5.0	5.0	1	10/04/24 03:55	
Benzene	1.0 U	1.0	0.20	1	10/04/24 03:55	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/04/24 03:55	
Bromoform	1.0 U	1.0	0.25	1	10/04/24 03:55	
Bromomethane	1.0 U	1.0	0.70	1	10/04/24 03:55	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/04/24 03:55	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/04/24 03:55	
Chlorobenzene	1.0 U	1.0	0.20	1	10/04/24 03:55	
Chloroethane	1.0 U	1.0	0.23	1	10/04/24 03:55	
Chloroform	1.0 U	1.0	0.51	1	10/04/24 03:55	
Chloromethane	1.0 U	1.0	0.80	1	10/04/24 03:55	
Cyclohexane	1.0 U	1.0	0.60	1	10/04/24 03:55	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/04/24 03:55	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/04/24 03:55	
Methylene Chloride	1.0 U	1.0	0.65	1	10/04/24 03:55	
Ethylbenzene	1.0 U	1.0	0.20	1	10/04/24 03:55	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/04/24 03:55	
Methyl Acetate	2.0 U	2.0	0.87	1	10/04/24 03:55	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/04/24 03:55	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/04/24 03:55	
Styrene	1.0 U	1.0	0.20	1	10/04/24 03:55	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	10/04/24 03:55	
Toluene	1.0 U	1.0	0.20	1	10/04/24 03:55	
Trichloroethene (TCE)	1.0 U	1.0	0.20	1	10/04/24 03:55	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/04/24 03:55	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/04/24 03:55	

Printed 10/17/2024 12:13:18 PM

	Analytical Report		
Client:	GHD	Service Request:	R2409596
Project:	Site 255 GMCH-1000 Lexington Avenue/058507	Date Collected:	09/26/24 08:50
Sample Matrix:	Water	Date Received:	09/27/24 16:30
Sample Name:	R107-092624-0850	Units:	ug/L
Lab Code:	R2409596-009	Basis:	NA

Analysis Method:	8260D
Prep Method:	EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Xylenes, Total	3.0 U	3.0	0.23	1	10/04/24 03:55	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/04/24 03:55	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/04/24 03:55	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/04/24 03:55	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/04/24 03:55	

Surrogate Name	% Rec	<b>Control Limits</b>	Date Analyzed	Q
4-Bromofluorobenzene	102	85 - 122	10/04/24 03:55	
Dibromofluoromethane	105	80 - 116	10/04/24 03:55	
Toluene-d8	102	87 - 121	10/04/24 03:55	

Analytical Report **Client:** GHD Service Request: R2409596 **Date Collected:** 09/26/24 **Project:** Site 255 GMCH-1000 Lexington Avenue/058507 Sample Matrix: Water **Date Received:** 09/27/24 16:30 Sample Name: 020811-092624-0002 Units: ug/L Lab Code: R2409596-010 Basis: NA

# Volatile Organic Compounds by GC/MS

Analysis Method:	8260D
Prep Method:	EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	0.20	1	10/04/24 04:18	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/04/24 04:18	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/04/24 04:18	
Trichlorotrifluoroethane	1.0 U	1.0	0.20	1	10/04/24 04:18	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	10/04/24 04:18	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	10/04/24 04:18	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/04/24 04:18	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/04/24 04:18	
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/04/24 04:18	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/04/24 04:18	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/04/24 04:18	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/04/24 04:18	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/04/24 04:18	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/04/24 04:18	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/04/24 04:18	
2-Hexanone	5.0 U	5.0	0.20	1	10/04/24 04:18	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/04/24 04:18	
Acetone	5.0 U	5.0	5.0	1	10/04/24 04:18	
Benzene	1.0 U	1.0	0.20	1	10/04/24 04:18	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/04/24 04:18	
Bromoform	1.0 U	1.0	0.25	1	10/04/24 04:18	
Bromomethane	1.0 U	1.0	0.70	1	10/04/24 04:18	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/04/24 04:18	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/04/24 04:18	
Chlorobenzene	1.0 U	1.0	0.20	1	10/04/24 04:18	
Chloroethane	1.0 U	1.0	0.23	1	10/04/24 04:18	
Chloroform	1.0 U	1.0	0.51	1	10/04/24 04:18	
Chloromethane	1.0 U	1.0	0.80	1	10/04/24 04:18	
Cyclohexane	1.0 U	1.0	0.60	1	10/04/24 04:18	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/04/24 04:18	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/04/24 04:18	
Methylene Chloride	1.0 U	1.0	0.65	1	10/04/24 04:18	
Ethylbenzene	1.0 U	1.0	0.20	1	10/04/24 04:18	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/04/24 04:18	
Methyl Acetate	2.0 U	2.0	0.87	1	10/04/24 04:18	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/04/24 04:18	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/04/24 04:18	
Styrene	1.0 U	1.0	0.20	1	10/04/24 04:18	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	10/04/24 04:18	
Toluene	1.0 U	1.0	0.20	1	10/04/24 04:18	
Trichloroethene (TCE)	1.0 U	1.0	0.20	1	10/04/24 04:18	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/04/24 04:18	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/04/24 04:18	

Printed 10/17/2024 12:13:18 PM

	Analytical Report		
Client:	GHD	Service Request:	R2409596
Project:	Site 255 GMCH-1000 Lexington Avenue/058507	Date Collected:	09/26/24
Sample Matrix:	Water	Date Received:	09/27/24 16:30
Sample Name:	020811-092624-0002	Units:	ug/L
Lab Code:	R2409596-010	Basis:	NA

Analysis Method:	8260D
Prep Method:	EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Xylenes, Total	3.0 U	3.0	0.23	1	10/04/24 04:18	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/04/24 04:18	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/04/24 04:18	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/04/24 04:18	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/04/24 04:18	

Surrogate Name	% Rec	<b>Control Limits</b>	Date Analyzed	Q
4-Bromofluorobenzene	99	85 - 122	10/04/24 04:18	
Dibromofluoromethane	104	80 - 116	10/04/24 04:18	
Toluene-d8	99	87 - 121	10/04/24 04:18	

Analytical Report **Client:** GHD Service Request: R2409596 **Date Collected:** 09/26/24 10:10 **Project:** Site 255 GMCH-1000 Lexington Avenue/058507 Sample Matrix: Water Date Received: 09/27/24 16:30 Sample Name: SR107-092624-1010 Units: ug/L Lab Code: R2409596-011 Basis: NA

# Volatile Organic Compounds by GC/MS

Analysis Method:	8260D		
Prep Method:	EPA 5030C		

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	0.20	1	10/04/24 04:41	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/04/24 04:41	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/04/24 04:41	
Trichlorotrifluoroethane	1.0 U	1.0	0.20	1	10/04/24 04:41	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	10/04/24 04:41	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	10/04/24 04:41	
1.2.4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/04/24 04:41	
1.2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/04/24 04:41	
1.2-Dibromoethane	1.0 U	1.0	0.20	1	10/04/24 04:41	
1.2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/04/24 04:41	
1.2-Dichloroethane	1.0 U	1.0	0.20	1	10/04/24 04:41	
1.2-Dichloropropane	1.0 U	1.0	0.20	1	10/04/24 04:41	
1.3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/04/24 04:41	
1.4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/04/24 04:41	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/04/24 04:41	
2-Hexanone	5.0 U	5.0	0.20	1	10/04/24 04:41	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/04/24 04:41	
Acetone	5.0 U	5.0	5.0	1	10/04/24 04:41	
Benzene	1.0 U	1.0	0.20	1	10/04/24 04:41	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/04/24 04:41	
Bromoform	1.0 U	1.0	0.25	1	10/04/24 04:41	
Bromomethane	1.0 U	1.0	0.70	1	10/04/24 04:41	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/04/24 04:41	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/04/24 04:41	
Chlorobenzene	1.0 U	1.0	0.20	1	10/04/24 04:41	
Chloroethane	1.0 U	1.0	0.23	1	10/04/24 04:41	
Chloroform	1.0 U	1.0	0.51	1	10/04/24 04:41	
Chloromethane	1.0 U	1.0	0.80	1	10/04/24 04:41	
Cyclohexane	1.0 U	1.0	0.60	1	10/04/24 04:41	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/04/24 04:41	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/04/24 04:41	
Methylene Chloride	1.0 U	1.0	0.65	1	10/04/24 04:41	
Ethylbenzene	1.0 U	1.0	0.20	1	10/04/24 04:41	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/04/24 04:41	
Methyl Acetate	2.0 U	2.0	0.87	1	10/04/24 04:41	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/04/24 04:41	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/04/24 04:41	
Styrene	1.0 U	1.0	0.20	1	10/04/24 04:41	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	10/04/24 04:41	
Toluene	1.0 U	1.0	0.20	1	10/04/24 04:41	
Trichloroethene (TCE)	1.0 U	1.0	0.20	1	10/04/24 04:41	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/04/24 04:41	
Vinyl Chloride	0.74 J	1.0	0.20	1	10/04/24 04:41	

Printed 10/17/2024 12:13:18 PM

	Analytical Report		
Client:	GHD	Service Request:	R2409596
Project:	Site 255 GMCH-1000 Lexington Avenue/058507	Date Collected:	09/26/24 10:10
Sample Matrix:	Water	Date Received:	09/27/24 16:30
Sample Name:	SR107-092624-1010	Units:	ug/L
Lab Code:	R2409596-011	Basis:	NA

Analysis Method:	8260D		
Prep Method:	EPA 5030C		

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Xylenes, Total	3.0 U	3.0	0.23	1	10/04/24 04:41	
cis-1,2-Dichloroethene	0.73 J	1.0	0.23	1	10/04/24 04:41	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/04/24 04:41	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/04/24 04:41	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/04/24 04:41	

Surrogate Name	% Rec	<b>Control Limits</b>	Date Analyzed	Q
4-Bromofluorobenzene	102	85 - 122	10/04/24 04:41	
Dibromofluoromethane	104	80 - 116	10/04/24 04:41	
Toluene-d8	100	87 - 121	10/04/24 04:41	

Analytical Report **Client:** GHD Service Request: R2409596 **Date Collected:** 09/26/24 12:25 **Project:** Site 255 GMCH-1000 Lexington Avenue/058507 Sample Matrix: Water Date Received: 09/27/24 16:30 Sample Name: DR109-092624-1225 Units: ug/L Lab Code: R2409596-012 Basis: NA

# Volatile Organic Compounds by GC/MS

Analysis Method:	8260D
Prep Method:	EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	0.20	1	10/09/24 21:16	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/09/24 21:16	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/09/24 21:16	
Trichlorotrifluoroethane	1.0 U	1.0	0.20	1	10/09/24 21:16	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	10/09/24 21:16	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	10/09/24 21:16	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/09/24 21:16	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/09/24 21:16	
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/09/24 21:16	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/09/24 21:16	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/09/24 21:16	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/09/24 21:16	
1.3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/09/24 21:16	
1.4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/09/24 21:16	
2-Butanone (MEK)	32	5.0	0.78	1	10/09/24 21:16	
2-Hexanone	4.2 J	5.0	0.20	1	10/09/24 21:16	
4-Methyl-2-pentanone	0.64 J	5.0	0.20	1	10/09/24 21:16	
Acetone	190	5.0	5.0	1	10/09/24 21:16	
Benzene	5.7	1.0	0.20	1	10/09/24 21:16	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/09/24 21:16	
Bromoform	1.0 U	1.0	0.25	1	10/09/24 21:16	
Bromomethane	1.0 U	1.0	0.70	1	10/09/24 21:16	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/09/24 21:16	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/09/24 21:16	
Chlorobenzene	1.0 U	1.0	0.20	1	10/09/24 21:16	
Chloroethane	1.0 U	1.0	0.23	1	10/09/24 21:16	
Chloroform	1.0 U	1.0	0.51	1	10/09/24 21:16	
Chloromethane	1.0 U	1.0	0.80	1	10/09/24 21:16	
Cyclohexane	1.0 U	1.0	0.60	1	10/09/24 21:16	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/09/24 21:16	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/09/24 21:16	
Methylene Chloride	1.0 U	1.0	0.65	1	10/09/24 21:16	
Ethylbenzene	1.0 U	1.0	0.20	1	10/09/24 21:16	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/09/24 21:16	
Methyl Acetate	2.0 U	2.0	0.87	1	10/09/24 21:16	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/09/24 21:16	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/09/24 21:16	
Styrene	1.0 U	1.0	0.20	1	10/09/24 21:16	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	10/09/24 21:16	
Toluene	1.2	1.0	0.20	1	10/09/24 21:16	
Trichloroethene (TCE)	1.0 U	1.0	0.20	1	10/09/24 21:16	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/09/24 21:16	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/09/24 21:16	

	Analytical Report		
Client:	GHD	Service Request:	R2409596
Project:	Site 255 GMCH-1000 Lexington Avenue/058507	Date Collected:	09/26/24 12:25
Sample Matrix:	Water	Date Received:	09/27/24 16:30
Sample Name:	DR109-092624-1225	Units:	ug/L
Lab Code:	R2409596-012	Basis:	NA

Analysis Method:	8260D
Prep Method:	EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Xylenes, Total	3.0 U	3.0	0.23	1	10/09/24 21:16	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/09/24 21:16	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/09/24 21:16	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/09/24 21:16	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/09/24 21:16	

Surrogate Name	% Rec	<b>Control Limits</b>	Date Analyzed	Q
4-Bromofluorobenzene	96	85 - 122	10/09/24 21:16	
Dibromofluoromethane	99	80 - 116	10/09/24 21:16	
Toluene-d8	99	87 - 121	10/09/24 21:16	

Analytical Report **Client:** GHD Service Request: R2409596 **Date Collected:** 09/26/24 14:05 **Project:** Site 255 GMCH-1000 Lexington Avenue/058507 Sample Matrix: Water Date Received: 09/27/24 16:30 Sample Name: R-109-092624-1405 Units: ug/L Lab Code: R2409596-013 Basis: NA

#### Volatile Organic Compounds by GC/MS

Analysis Method:	8260D
Prep Method:	EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	0.20	1	10/09/24 22:24	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/09/24 22:24	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/09/24 22:24	
Trichlorotrifluoroethane	1.0 U	1.0	0.20	1	10/09/24 22:24	
1,1-Dichloroethane (1,1-DCA)	8.5	1.0	0.20	1	10/09/24 22:24	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	10/09/24 22:24	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/09/24 22:24	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/09/24 22:24	
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/09/24 22:24	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/09/24 22:24	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/09/24 22:24	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/09/24 22:24	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/09/24 22:24	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/09/24 22:24	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/09/24 22:24	
2-Hexanone	5.0 U	5.0	0.20	1	10/09/24 22:24	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/09/24 22:24	
Acetone	5.0 U	5.0	5.0	1	10/09/24 22:24	
Benzene	1.0 U	1.0	0.20	1	10/09/24 22:24	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/09/24 22:24	
Bromoform	1.0 U	1.0	0.25	1	10/09/24 22:24	
Bromomethane	1.0 U	1.0	0.70	1	10/09/24 22:24	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/09/24 22:24	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/09/24 22:24	
Chlorobenzene	1.0 U	1.0	0.20	1	10/09/24 22:24	
Chloroethane	1.0 U	1.0	0.23	1	10/09/24 22:24	
Chloroform	1.0 U	1.0	0.51	1	10/09/24 22:24	
Chloromethane	1.0 U	1.0	0.80	1	10/09/24 22:24	
Cyclohexane	1.0 U	1.0	0.60	1	10/09/24 22:24	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/09/24 22:24	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/09/24 22:24	
Methylene Chloride	1.0 U	1.0	0.65	1	10/09/24 22:24	
Ethylbenzene	1.0 U	1.0	0.20	1	10/09/24 22:24	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/09/24 22:24	
Methyl Acetate	2.0 U	2.0	0.87	1	10/09/24 22:24	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/09/24 22:24	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/09/24 22:24	
Styrene	1.0 U	1.0	0.20	1	10/09/24 22:24	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	10/09/24 22:24	
Toluene	1.0 U	1.0	0.20	1	10/09/24 22:24	
Trichloroethene (TCE)	1.0 U	1.0	0.20	1	10/09/24 22:24	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/09/24 22:24	
Vinyl Chloride	48	1.0	0.20	1	10/09/24 22:24	

Printed 10/17/2024 12:13:19 PM

	Analytical Report		
Client:	GHD	Service Request:	R2409596
Project:	Site 255 GMCH-1000 Lexington Avenue/058507	Date Collected:	09/26/24 14:05
Sample Matrix:	Water	Date Received:	09/27/24 16:30
Sample Name:	R-109-092624-1405	Units:	ug/L
Lab Code:	R2409596-013	Basis:	NA

Analysis Method:	8260D
Prep Method:	EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Xylenes, Total	3.0 U	3.0	0.23	1	10/09/24 22:24	
cis-1,2-Dichloroethene	7.2	1.0	0.23	1	10/09/24 22:24	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/09/24 22:24	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/09/24 22:24	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/09/24 22:24	

Surrogate Name	% Rec	<b>Control Limits</b>	Date Analyzed	Q
4-Bromofluorobenzene	91	85 - 122	10/09/24 22:24	
Dibromofluoromethane	90	80 - 116	10/09/24 22:24	
Toluene-d8	94	87 - 121	10/09/24 22:24	

Analytical Report **Client:** GHD Service Request: R2409596 Date Collected: 09/27/24 09:50 **Project:** Site 255 GMCH-1000 Lexington Avenue/058507 Sample Matrix: Water Date Received: 09/27/24 16:30 Sample Name: 020811-092724-0001 Units: ug/L Lab Code: R2409596-014 Basis: NA

# Volatile Organic Compounds by GC/MS

Analysis Method:	8260D
Prep Method:	EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	0.20	1	10/04/24 05:50	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/04/24 05:50	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/04/24 05:50	
Trichlorotrifluoroethane	1.0 U	1.0	0.20	1	10/04/24 05:50	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	10/04/24 05:50	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	10/04/24 05:50	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/04/24 05:50	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/04/24 05:50	
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/04/24 05:50	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/04/24 05:50	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/04/24 05:50	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/04/24 05:50	
1.3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/04/24 05:50	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/04/24 05:50	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/04/24 05:50	
2-Hexanone	5.0 U	5.0	0.20	1	10/04/24 05:50	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/04/24 05:50	
Acetone	5.0 U	5.0	5.0	1	10/04/24 05:50	
Benzene	1.0 U	1.0	0.20	1	10/04/24 05:50	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/04/24 05:50	
Bromoform	1.0 U	1.0	0.25	1	10/04/24 05:50	
Bromomethane	1.0 U	1.0	0.70	1	10/04/24 05:50	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/04/24 05:50	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/04/24 05:50	
Chlorobenzene	1.0 U	1.0	0.20	1	10/04/24 05:50	
Chloroethane	1.0 U	1.0	0.23	1	10/04/24 05:50	
Chloroform	1.0 U	1.0	0.51	1	10/04/24 05:50	
Chloromethane	1.0 U	1.0	0.80	1	10/04/24 05:50	
Cyclohexane	1.0 U	1.0	0.60	1	10/04/24 05:50	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/04/24 05:50	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/04/24 05:50	
Methylene Chloride	1.0 U	1.0	0.65	1	10/04/24 05:50	
Ethylbenzene	1.0 U	1.0	0.20	1	10/04/24 05:50	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/04/24 05:50	
Methyl Acetate	2.0 U	2.0	0.87	1	10/04/24 05:50	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/04/24 05:50	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/04/24 05:50	
Styrene	1.0 U	1.0	0.20	1	10/04/24 05:50	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	10/04/24 05:50	
Toluene	1.0 U	1.0	0.20	1	10/04/24 05:50	
Trichloroethene (TCE)	1.0 U	1.0	0.20	1	10/04/24 05:50	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/04/24 05:50	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/04/24 05:50	

	Analytical Report		
Client:	GHD	Service Request:	R2409596
Project:	Site 255 GMCH-1000 Lexington Avenue/058507	Date Collected:	09/27/24 09:50
Sample Matrix:	Water	Date Received:	09/27/24 16:30
Sample Name:	020811-092724-0001	Units:	ug/L
Lab Code:	R2409596-014	Basis:	NA

Analysis Method:	8260D
Prep Method:	EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Xylenes, Total	3.0 U	3.0	0.23	1	10/04/24 05:50	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/04/24 05:50	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/04/24 05:50	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/04/24 05:50	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/04/24 05:50	

Surrogate Name	% Rec	<b>Control Limits</b>	Date Analyzed	Q
4-Bromofluorobenzene	102	85 - 122	10/04/24 05:50	
Dibromofluoromethane	104	80 - 116	10/04/24 05:50	
Toluene-d8	102	87 - 121	10/04/24 05:50	

Analytical Report GHD Service Request: R2409596 **Date Collected:** 09/27/24 11:10 Site 255 GMCH-1000 Lexington Avenue/058507 Sample Matrix: Water Date Received: 09/27/24 16:30 Sample Name: R301-092724-1110 Units: ug/L Basis: NA

Lab Code: R2409596-015

**Client:** 

**Project:** 

# Volatile Organic Compounds by GC/MS

Analysis Method:	8260D
Prep Method:	EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	0.20	1	10/04/24 06:13	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/04/24 06:13	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/04/24 06:13	
Trichlorotrifluoroethane	1.0 U	1.0	0.20	1	10/04/24 06:13	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	10/04/24 06:13	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	10/04/24 06:13	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/04/24 06:13	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/04/24 06:13	
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/04/24 06:13	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/04/24 06:13	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/04/24 06:13	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/04/24 06:13	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/04/24 06:13	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/04/24 06:13	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/04/24 06:13	
2-Hexanone	5.0 U	5.0	0.20	1	10/04/24 06:13	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/04/24 06:13	
Acetone	5.0 U	5.0	5.0	1	10/04/24 06:13	
Benzene	1.0 U	1.0	0.20	1	10/04/24 06:13	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/04/24 06:13	
Bromoform	1.0 U	1.0	0.25	1	10/04/24 06:13	
Bromomethane	1.0 U	1.0	0.70	1	10/04/24 06:13	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/04/24 06:13	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/04/24 06:13	
Chlorobenzene	1.0 U	1.0	0.20	1	10/04/24 06:13	
Chloroethane	1.0 U	1.0	0.23	1	10/04/24 06:13	
Chloroform	1.0 U	1.0	0.51	1	10/04/24 06:13	
Chloromethane	1.0 U	1.0	0.80	1	10/04/24 06:13	
Cyclohexane	1.0 U	1.0	0.60	1	10/04/24 06:13	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/04/24 06:13	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/04/24 06:13	
Methylene Chloride	1.0 U	1.0	0.65	1	10/04/24 06:13	
Ethylbenzene	1.0 U	1.0	0.20	1	10/04/24 06:13	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/04/24 06:13	
Methyl Acetate	2.0 U	2.0	0.87	1	10/04/24 06:13	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/04/24 06:13	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/04/24 06:13	
Styrene	1.0 U	1.0	0.20	1	10/04/24 06:13	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	10/04/24 06:13	
Toluene	1.0 U	1.0	0.20	1	10/04/24 06:13	
Trichloroethene (TCE)	1.0 U	1.0	0.20	1	10/04/24 06:13	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/04/24 06:13	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/04/24 06:13	

Analytical Report **Client:** GHD Service Request: R2409596 **Date Collected:** 09/27/24 11:10 **Project:** Site 255 GMCH-1000 Lexington Avenue/058507 Sample Matrix: Water Date Received: 09/27/24 16:30 Sample Name: R301-092724-1110 Units: ug/L Lab Code: R2409596-015 Basis: NA

Analysis Method:	8260D
Prep Method:	EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Xylenes, Total	3.0 U	3.0	0.23	1	10/04/24 06:13	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/04/24 06:13	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/04/24 06:13	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/04/24 06:13	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/04/24 06:13	

Surrogate Name	% Rec	<b>Control Limits</b>	Date Analyzed	Q
4-Bromofluorobenzene	103	85 - 122	10/04/24 06:13	
Dibromofluoromethane	103	80 - 116	10/04/24 06:13	
Toluene-d8	100	87 - 121	10/04/24 06:13	

Analytical Report **Client:** GHD Service Request: R2409596 **Date Collected:** 09/27/24 12:05 **Project:** Site 255 GMCH-1000 Lexington Avenue/058507 Sample Matrix: Water Date Received: 09/27/24 16:30 Sample Name: SR301-092724-1205 Units: ug/L Lab Code: R2409596-016 Basis: NA

## Volatile Organic Compounds by GC/MS

Analysis Method:	8260D
Prep Method:	EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	0.20	1	10/09/24 22:46	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/09/24 22:46	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/09/24 22:46	
Trichlorotrifluoroethane	1.0 U	1.0	0.20	1	10/09/24 22:46	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	10/09/24 22:46	
1,1-Dichloroethene (1,1-DCE)	0.67 J	1.0	0.20	1	10/09/24 22:46	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/09/24 22:46	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/09/24 22:46	
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/09/24 22:46	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/09/24 22:46	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/09/24 22:46	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/09/24 22:46	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/09/24 22:46	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/09/24 22:46	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/09/24 22:46	
2-Hexanone	5.0 U	5.0	0.20	1	10/09/24 22:46	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/09/24 22:46	
Acetone	5.0 U	5.0	5.0	1	10/09/24 22:46	
Benzene	1.0 U	1.0	0.20	1	10/09/24 22:46	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/09/24 22:46	
Bromoform	1.0 U	1.0	0.25	1	10/09/24 22:46	
Bromomethane	1.0 U	1.0	0.70	1	10/09/24 22:46	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/09/24 22:46	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/09/24 22:46	
Chlorobenzene	1.0 U	1.0	0.20	1	10/09/24 22:46	
Chloroethane	1.0 U	1.0	0.23	1	10/09/24 22:46	
Chloroform	1.0 U	1.0	0.51	1	10/09/24 22:46	
Chloromethane	1.0 U	1.0	0.80	1	10/09/24 22:46	
Cyclohexane	1.0 U	1.0	0.60	1	10/09/24 22:46	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/09/24 22:46	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/09/24 22:46	
Methylene Chloride	1.0 U	1.0	0.65	1	10/09/24 22:46	
Ethylbenzene	1.0 U	1.0	0.20	1	10/09/24 22:46	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/09/24 22:46	
Methyl Acetate	2.0 U	2.0	0.87	1	10/09/24 22:46	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/09/24 22:46	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/09/24 22:46	
Styrene	1.0 U	1.0	0.20	1	10/09/24 22:46	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	10/09/24 22:46	
Toluene	1.0 U	1.0	0.20	1	10/09/24 22:46	
Trichloroethene (TCE)	22	1.0	0.20	1	10/09/24 22:46	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/09/24 22:46	
Vinyl Chloride	5.5	1.0	0.20	1	10/09/24 22:46	

	Analytical Report		
Client:	GHD	Service Request:	R2409596
Project:	Site 255 GMCH-1000 Lexington Avenue/058507	Date Collected:	09/27/24 12:05
Sample Matrix:	Water	Date Received:	09/27/24 16:30
Sample Name:	SR301-092724-1205	Units:	ug/L
Lab Code:	R2409596-016	Basis:	NA

Analysis Method:	8260D
Prep Method:	EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Xylenes, Total	3.0 U	3.0	0.23	1	10/09/24 22:46	
cis-1,2-Dichloroethene	150	1.0	0.23	1	10/09/24 22:46	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/09/24 22:46	
trans-1,2-Dichloroethene	0.54 J	1.0	0.20	1	10/09/24 22:46	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/09/24 22:46	

Surrogate Name	% Rec	<b>Control Limits</b>	Date Analyzed	Q
4-Bromofluorobenzene	96	85 - 122	10/09/24 22:46	
Dibromofluoromethane	97	80 - 116	10/09/24 22:46	
Toluene-d8	99	87 - 121	10/09/24 22:46	

Analytical Report **Client:** GHD Service Request: R2409596 **Date Collected:** 09/27/24 15:05 **Project:** Site 255 GMCH-1000 Lexington Avenue/058507 Sample Matrix: Water Date Received: 09/27/24 16:30 Sample Name: DR105-092724-1505 Units: ug/L Lab Code: R2409596-017 Basis: NA

#### Volatile Organic Compounds by GC/MS

Analysis Method:	8260D
Prep Method:	EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	10 U	10	2.0	10	10/09/24 20:53	
1,1,2,2-Tetrachloroethane	10 U	10	2.0	10	10/09/24 20:53	
1,1,2-Trichloroethane	10 U	10	2.0	10	10/09/24 20:53	
Trichlorotrifluoroethane	10 U	10	2.0	10	10/09/24 20:53	
1,1-Dichloroethane (1,1-DCA)	10 U	10	2.0	10	10/09/24 20:53	
1,1-Dichloroethene (1,1-DCE)	10 U	10	2.0	10	10/09/24 20:53	
1,2,4-Trichlorobenzene	10 U	10	3.4	10	10/09/24 20:53	
1,2-Dibromo-3-chloropropane (DBCP)	20 U	20	4.5	10	10/09/24 20:53	
1,2-Dibromoethane	10 U	10	2.0	10	10/09/24 20:53	
1,2-Dichlorobenzene	10 U	10	2.0	10	10/09/24 20:53	
1,2-Dichloroethane	10 U	10	2.0	10	10/09/24 20:53	
1,2-Dichloropropane	10 U	10	2.0	10	10/09/24 20:53	
1,3-Dichlorobenzene	10 U	10	2.0	10	10/09/24 20:53	
1,4-Dichlorobenzene	10 U	10	2.0	10	10/09/24 20:53	
2-Butanone (MEK)	26 J	50	7.8	10	10/09/24 20:53	
2-Hexanone	50 U	50	2.0	10	10/09/24 20:53	
4-Methyl-2-pentanone	50 U	50	2.0	10	10/09/24 20:53	
Acetone	150	50	50	10	10/09/24 20:53	
Benzene	3.3 J	10	2.0	10	10/09/24 20:53	
Bromodichloromethane	10 U	10	2.0	10	10/09/24 20:53	
Bromoform	10 U	10	2.5	10	10/09/24 20:53	
Bromomethane	10 U	10	7.0	10	10/09/24 20:53	
Carbon Disulfide	10 U	10	4.2	10	10/09/24 20:53	
Carbon Tetrachloride	10 U	10	3.4	10	10/09/24 20:53	
Chlorobenzene	10 U	10	2.0	10	10/09/24 20:53	
Chloroethane	10 U	10	2.3	10	10/09/24 20:53	
Chloroform	10 U	10	5.1	10	10/09/24 20:53	
Chloromethane	10 U	10	8.0	10	10/09/24 20:53	
Cyclohexane	10 U	10	6.0	10	10/09/24 20:53	
Dibromochloromethane	10 U	10	2.0	10	10/09/24 20:53	
Dichlorodifluoromethane (CFC 12)	10 U	10	2.1	10	10/09/24 20:53	
Methylene Chloride	10 U	10	6.5	10	10/09/24 20:53	
Ethylbenzene	10 U	10	2.0	10	10/09/24 20:53	
Isopropylbenzene (Cumene)	10 U	10	2.0	10	10/09/24 20:53	
Methyl Acetate	20 U	20	8.7	10	10/09/24 20:53	
Methyl tert-Butyl Ether	10 U	10	2.0	10	10/09/24 20:53	
Methylcyclohexane	10 U	10	2.0	10	10/09/24 20:53	
Styrene	10 U	10	2.0	10	10/09/24 20:53	
Tetrachloroethene (PCE)	10 U	10	2.1	10	10/09/24 20:53	
Toluene	10 U	10	2.0	10	10/09/24 20:53	
Trichloroethene (TCE)	10 U	10	2.0	10	10/09/24 20:53	
Trichlorofluoromethane (CFC 11)	10 U	10	2.4	10	10/09/24 20:53	
Vinyl Chloride	10 U	10	2.0	10	10/09/24 20:53	

	Analytical Report		
Client:	GHD	Service Request:	R2409596
Project:	Site 255 GMCH-1000 Lexington Avenue/058507	Date Collected:	09/27/24 15:05
Sample Matrix:	Water	Date Received:	09/27/24 16:30
Sample Name:	DR105-092724-1505	Units:	ug/L
Lab Code:	R2409596-017	Basis:	NA
Project: Sample Matrix: Sample Name: Lab Code:	Site 255 GMCH-1000 Lexington Avenue/058507 Water DR105-092724-1505 R2409596-017	Date Collected: Date Received: Units: Basis:	09/27/24 15:05 09/27/24 16:30 ug/L NA

Analysis Method:	8260D
Prep Method:	EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Xylenes, Total	30 U	30	2.3	10	10/09/24 20:53	
cis-1,2-Dichloroethene	10 U	10	2.3	10	10/09/24 20:53	
cis-1,3-Dichloropropene	10 U	10	2.0	10	10/09/24 20:53	
trans-1,2-Dichloroethene	10 U	10	2.0	10	10/09/24 20:53	
trans-1,3-Dichloropropene	10 U	10	2.3	10	10/09/24 20:53	

Surrogate Name	% Rec	<b>Control Limits</b>	Date Analyzed	Q
4-Bromofluorobenzene	94	85 - 122	10/09/24 20:53	
Dibromofluoromethane	94	80 - 116	10/09/24 20:53	
Toluene-d8	95	87 - 121	10/09/24 20:53	

Analytical Report **Client:** GHD Service Request: R2409596 **Date Collected:** 09/27/24 **Project:** Site 255 GMCH-1000 Lexington Avenue/058507 Sample Matrix: Water **Date Received:** 09/27/24 16:30 Sample Name: 020811-092724-0002 Units: ug/L Lab Code: R2409596-018 Basis: NA

# Volatile Organic Compounds by GC/MS

Analysis Method:	8260D
Prep Method:	EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	0.20	1	10/09/24 23:09	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/09/24 23:09	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/09/24 23:09	
Trichlorotrifluoroethane	1.0 U	1.0	0.20	1	10/09/24 23:09	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	10/09/24 23:09	
1,1-Dichloroethene (1,1-DCE)	0.71 J	1.0	0.20	1	10/09/24 23:09	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/09/24 23:09	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/09/24 23:09	
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/09/24 23:09	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/09/24 23:09	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/09/24 23:09	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/09/24 23:09	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/09/24 23:09	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/09/24 23:09	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/09/24 23:09	
2-Hexanone	5.0 U	5.0	0.20	1	10/09/24 23:09	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/09/24 23:09	
Acetone	5.0 U	5.0	5.0	1	10/09/24 23:09	
Benzene	1.0 U	1.0	0.20	1	10/09/24 23:09	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/09/24 23:09	
Bromoform	1.0 U	1.0	0.25	1	10/09/24 23:09	
Bromomethane	1.0 U	1.0	0.70	1	10/09/24 23:09	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/09/24 23:09	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/09/24 23:09	
Chlorobenzene	1.0 U	1.0	0.20	1	10/09/24 23:09	
Chloroethane	1.0 U	1.0	0.23	1	10/09/24 23:09	
Chloroform	1.0 U	1.0	0.51	1	10/09/24 23:09	
Chloromethane	1.0 U	1.0	0.80	1	10/09/24 23:09	
Cyclohexane	1.0 U	1.0	0.60	1	10/09/24 23:09	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/09/24 23:09	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/09/24 23:09	
Methylene Chloride	1.0 U	1.0	0.65	1	10/09/24 23:09	
Ethylbenzene	1.0 U	1.0	0.20	1	10/09/24 23:09	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/09/24 23:09	
Methyl Acetate	2.0 U	2.0	0.87	1	10/09/24 23:09	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/09/24 23:09	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/09/24 23:09	
Styrene	1.0 U	1.0	0.20	1	10/09/24 23:09	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	10/09/24 23:09	
Toluene	1.0 U	1.0	0.20	1	10/09/24 23:09	
Trichloroethene (TCE)	24	1.0	0.20	1	10/09/24 23:09	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/09/24 23:09	
Vinyl Chloride	5.4	1.0	0.20	1	10/09/24 23:09	

	Analytical Report		
Client:	GHD	Service Request:	R2409596
Project:	Site 255 GMCH-1000 Lexington Avenue/058507	Date Collected:	09/27/24
Sample Matrix:	Water	Date Received:	09/27/24 16:30
Sample Name:	020811-092724-0002	Units:	ug/L
Lab Code:	R2409596-018	Basis:	NA

Analysis Method:	8260D
Prep Method:	EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Xylenes, Total	3.0 U	3.0	0.23	1	10/09/24 23:09	
cis-1,2-Dichloroethene	160	1.0	0.23	1	10/09/24 23:09	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/09/24 23:09	
trans-1,2-Dichloroethene	0.56 J	1.0	0.20	1	10/09/24 23:09	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/09/24 23:09	

Surrogate Name	% Rec	<b>Control Limits</b>	Date Analyzed	Q
4-Bromofluorobenzene	93	85 - 122	10/09/24 23:09	
Dibromofluoromethane	93	80 - 116	10/09/24 23:09	
Toluene-d8	96	87 - 121	10/09/24 23:09	



# QC Summary Forms

ALS Environmental—Rochester Laboratory 1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623 Phone (585) 288-5380 Fax (585) 288-8475 www.alsglobal.com

RIGHT SOLUTIONS | RIGHT PARTNER



# Volatile Organic Compounds by GC/MS

ALS Environmental—Rochester Laboratory 1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623 Phone (585) 288-5380 Fax (585) 288-8475 www.alsglobal.com

RIGHT SOLUTIONS | RIGHT PARTNER

QA/QC Report

Client:	GHD
Project:	Site 255 GMCH-1000 Lexington Avenue/058507
Sample Matrix:	Water

## Service Request: R2409596

# SURROGATE RECOVERY SUMMARY

Analysis Method:	8260D			
Extraction Method:	EPA 5030C			

		4-Bromofluorobenzene	Dibromofluoromethane	Toluene-d8		
Sample Name	Lab Code	85 - 122	80 - 116	87 - 121		
020811-092424-0001	R2409596-001	106	104	102		
R3-092424-1100	R2409596-002	96	99	106		
R3-092424-1100 RE	R2409596-002	100	101	104		
R101-092424-1205	R2409596-003	101	102	99		
SR101-092424-1340	R2409596-004	102	106	101		
R401-092424-1505	R2409596-005	94	96	104		
R403-092524-0855	R2409596-006	101	103	99		
R108-092524-1410	R2409596-007	99	102	102		
020811-092624-0001	R2409596-008	102	104	100		
R107-092624-0850	R2409596-009	102	105	102		
020811-092624-0002	R2409596-010	99	104	99		
SR107-092624-1010	R2409596-011	102	104	100		
DR109-092624-1225	R2409596-012	96	99	99		
R-109-092624-1405	R2409596-013	91	90	94		
020811-092724-0001	R2409596-014	102	104	102		
R301-092724-1110	R2409596-015	103	103	100		
SR301-092724-1205	R2409596-016	96	97	99		
DR105-092724-1505	R2409596-017	94	94	95		
020811-092724-0002	R2409596-018	93	93	96		
Lab Control Sample	RQ2412562-02	102	105	101		
Method Blank	RQ2412562-03	106	101	100		
SR101-092424-1340 MS	RQ2412562-04	104	108	101		
SR101-092424-1340 DMS	RQ2412562-05	104	106	99		
Lab Control Sample	RQ2412657-02	97	106	108		
Method Blank	RQ2412657-03	93	94	102		
Lab Control Sample	RQ2412797-02	98	99	101		
Method Blank	RQ2412797-03	96	97	98		

QA/QC Report

Client:	GHD					Service Request:		R2409596			
Project:	Site 255 GMCH-1000 Lexington Avenue/058507					Date Collected:		09/24/24			
Sample Matrix:	· Water					Date Received:		09/27/24			
SumPro 1.1001110							Date Analy	zod	10/4/24		
							Date Analy		10/4/24	•	
							Date Extra	cted:	NA		
			Duplicate I	Matrix Spil	ke Summ	ary					
		Vol	atile Orgai	ic Compou	unds by (	GC/MS					
Sample Name	SP101 002424 1340	)	U	•	·		Ľ	nite	uα/I		
Lah Gada	D2400506 004	)					0 D		ug/L		
Lab Code:	K2409596-004						В	asis:	NA		
Analysis Method:	8260D										
Prep Method:	EPA 5030C										
			Matrix S	Snike		Dunlica	te Matrix Si	nike			
			RO24125	62-04		RO	2412562-05	pille			
		Gammla	RQ2+125	S		πų	S		0/ Daa		חחח
Analyta Nama		Sample	Docult	Spike	0/ Doo	Dogult	Spike	0/ Doo	% Kec	DDD	KPD Limit
1 1 1-Trichloroethan	e(TCA)	1 O U	57.0	50.0	70 Kec	56.2	50.0	70 Kec	74-127	1	30
1 1 2 2-Tetrachloroet	thane	1.0 U	50.4	50.0	101	30.2 46 7	50.0	93	72-122	8	30
1.1.2-Trichloroethan	e	1.0 U	53.6	50.0	107	52.4	50.0	105	82-121	2	30
Trichlorotrifluoroeth	ane	1.0 U	50.8	50.0	102	48.8	50.0	98	50-147	4	30
1,1-Dichloroethane (	1,1-DCA)	1.0 U	50.6	50.0	101	50.0	50.0	100	74-132	1	30
1,1-Dichloroethene (	1,1-DCE)	1.0 U	52.6	50.0	105	52.8	50.0	106	71-118	<1	30
1,2,4-Trichlorobenze	ene	1.0 U	52.1	50.0	104	49.5	50.0	99	69-122	5	30
1,2-Dibromo-3-chlor	opropane (DBCP)	2.0 U	64.6	50.0	129	61.4	50.0	123	37-150	5	30
1,2-Dibromoethane		1.0 U	55.7	50.0	111	53.5	50.0	107	67-127	4	30
1,2-Dichlorobenzene	;	1.0 U	53.1	50.0	106	48.6	50.0	97	77-120	9	30
1,2-Dichloroethane		1.0 U	54.3	50.0	109	52.7	50.0	105	68-130	3	30
1,2-Dichloropropane		1.0 U	49.4	50.0	99	48.4	50.0	97	79-124	2	30
1,3-Dichlorobenzene	;	1.0 U	53.6	50.0	107	49.4	50.0	99	83-121	8	30
1,4-Dichlorobenzene		1.0 U	52.8	50.0	106	49.8	50.0	100	82-120	6	30
2-Butanone (MEK)		5.0 U	41.8	50.0	84	42.6	50.0	85	61-137	2	30
2-Hexanone		5.0 U	50.6	50.0	101	49.7	50.0	99 100	50-132	2 <1	30 20
4-Methyl-2-pentalion	le	5.0 U	50.4 44.2	50.0	101	30.0 44.2	50.0	100	00-141 35 183	<1	30 30
Renzene		10U	51.0	50.0	104	44.2 50.2	50.0	100	76-120	3	30
Bromodichlorometh	ne	1.0 U	58.6	50.0	117	50.2 57.7	50.0	115	78-133	1	30
Bromoform		1.0 U	71.3	50.0	143 *	68.8	50.0	138 *	58-133	4	30
Bromomethane		1.0 U	38.3	50.0	77	41.9	50.0	84	10-184	9	30
Carbon Disulfide		1.0 U	48.8	50.0	98	48.4	50.0	97	59-140	<1	30
Carbon Tetrachloride	9	1.0 U	61.4	50.0	123	59.7	50.0	119	65-135	3	30
Chlorobenzene		1.0 U	52.6	50.0	105	50.6	50.0	101	76-125	4	30
Chloroethane		1.0 U	46.6	50.0	93	46.7	50.0	93	48-146	<1	30
Chloroform		1.0 U	52.5	50.0	105	52.4	50.0	105	75-130	<1	30
Chloromethane		1.0 U	51.2	50.0	102	51.1	50.0	102	55-160	<1	30
Cyclohexane		1.0 U	38.7	50.0	77	39.6	50.0	79	52-145	2	30
Dibromochlorometha	ane	1.0 U	62.2	50.0	124	61.0	50.0	122	72-128	2	30
Dichlorodifluoromet	nane (CFC 12)	1.0 U	68.9	50.0	138	67.5	50.0	135	49-154	2	30
Ivietnyiene Chloride		1.0 U	51.1 54.4	50.0	102	51.4	50.0	103	73-122	<1 -	30 20
Emylbenzene		1.0 U	54.4	50.0	109	51.5	50.0	103	12-134	5	50

Results flagged with an asterisk (\*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.

QA/QC Report

Client: Project: Sample Matrix:	GHD Site 255 GMCH-10 Water	00 Lexing	ton Avenue/	058507			Service Rec Date Collec Date Receiv Date Analy Date Extra	quest: eted: ved: zed: cted:	R2409: 09/24/2 09/27/2 10/4/24 NA	596 24 24 4	
		Vol	Duplicate I	Matrix Spil	ke Summ	ary CCMS					
Sample Name: Lab Code: Analysis Method: Prep Method:	SR101-092424-134 R2409596-004 8260D EPA 5030C	0	latile Organ		inus by (	<b>JC/1415</b>	U B	nits: asis:	ug/L NA		
			Matrix S RQ24125	<b>Spike</b> 62-04		Duplicat RQ2	t <b>e Matrix Sj</b> 2412562-05	oike			
Analvte Name		Sample Result	Result	Spike Amount	% Rec	Result	Spike Amount	% Rec	% Rec Limits	RPD	RPD Limit
Isopropylbenzene (C	umene)	1.0 U	57.9	50.0	116	55.9	50.0	112	77-128	4	30
Methyl Acetate		2.0 U	32.0	50.0	64	33.3	50.0	67	26-121	4	30
Methyl tert-Butyl Eth	ner	1.0 U	49.9	50.0	100	49.4	50.0	99	75-119	1	30
Methylcyclohexane		1.0 U	39.5	50.0	79	40.6	50.0	81	45-146	3	30
Styrene		1.0 U	55.5	50.0	111	54.2	50.0	108	74-136	2	30
Tetrachloroethene (P	CE)	1.0 U	53.5	50.0	107	51.6	50.0	103	72-125	4	30
Toluene		1.0 U	53.0	50.0	106	52.0	50.0	104	79-119	2	30
Trichloroethene (TCl	E)	1.0 U	56.1	50.0	112	54.4	50.0	109	74-122	3	30
Trichlorofluorometha	ane (CFC 11)	1.0 U	55.9	50.0	112	55.0	50.0	110	71-136	1	30
Vinyl Chloride		1.0 U	50.2	50.0	100	49.0	50.0	98	74-159	3	30
Xylenes, Total		3.0 U	162	150	108	155	150	104	78-121	4	30
cis-1,2-Dichloroethei	ne	1.0 U	56.9	50.0	114	56.4	50.0	113	77-127	<1	30
cis-1,3-Dichloroprop	ene	1.0 U	54.0	50.0	108	52.7	50.0	105	52-134	2	30
trans-1,2-Dichloroeth	iene	1.0 U	4/.9 56 1	50.0	96 112	47.2	50.0	94 111	/3-118	1	30 20
trans-1,3-Dicnioropro	opene	1.0 U	30.1	50.0	112	55.4	50.0	111	/1-133	1	30

Results flagged with an asterisk (\*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.

Analytical Report **Client:** GHD Service Request: R2409596 **Project:** Site 255 GMCH-1000 Lexington Avenue/058507 Date Collected: NA Sample Matrix: Water Date Received: NA Sample Name: Method Blank Units: ug/L Lab Code: RQ2412562-03 Basis: NA

# Volatile Organic Compounds by GC/MS

Analysis Method:	8260D				
Prep Method:	EPA 5030C				

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	0.20	1	10/03/24 23:41	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/03/24 23:41	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/03/24 23:41	
Trichlorotrifluoroethane	1.0 U	1.0	0.20	1	10/03/24 23:41	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	10/03/24 23:41	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	10/03/24 23:41	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/03/24 23:41	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/03/24 23:41	
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/03/24 23:41	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/03/24 23:41	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/03/24 23:41	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/03/24 23:41	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/03/24 23:41	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/03/24 23:41	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/03/24 23:41	
2-Hexanone	5.0 U	5.0	0.20	1	10/03/24 23:41	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/03/24 23:41	
Acetone	5.0 U	5.0	5.0	1	10/03/24 23:41	
Benzene	1.0 U	1.0	0.20	1	10/03/24 23:41	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/03/24 23:41	
Bromoform	1.0 U	1.0	0.25	1	10/03/24 23:41	
Bromomethane	1.0 U	1.0	0.70	1	10/03/24 23:41	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/03/24 23:41	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/03/24 23:41	
Chlorobenzene	1.0 U	1.0	0.20	1	10/03/24 23:41	
Chloroethane	1.0 U	1.0	0.23	1	10/03/24 23:41	
Chloroform	1.0 U	1.0	0.51	1	10/03/24 23:41	
Chloromethane	1.0 U	1.0	0.80	1	10/03/24 23:41	
Cyclohexane	1.0 U	1.0	0.60	1	10/03/24 23:41	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/03/24 23:41	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/03/24 23:41	
Methylene Chloride	1.0 U	1.0	0.65	1	10/03/24 23:41	
Ethylbenzene	1.0 U	1.0	0.20	1	10/03/24 23:41	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/03/24 23:41	
Methyl Acetate	2.0 U	2.0	0.87	1	10/03/24 23:41	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/03/24 23:41	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/03/24 23:41	
Styrene	1.0 U	1.0	0.20	1	10/03/24 23:41	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	10/03/24 23:41	
Toluene	1.0 U	1.0	0.20	1	10/03/24 23:41	
Trichloroethene (TCE)	1.0 U	1.0	0.20	1	10/03/24 23:41	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/03/24 23:41	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/03/24 23:41	

Printed 10/17/2024 12:13:23 PM
	Analytical Report		
Client:	GHD	Service Request:	R2409596
Project:	Site 255 GMCH-1000 Lexington Avenue/058507	Date Collected:	NA
Sample Matrix:	Water	Date Received:	NA
Sample Name:	Method Blank	Units:	ug/L
Lab Code:	RQ2412562-03	Basis:	NA

Analysis Method:	8260D
Prep Method:	EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Xylenes, Total	3.0 U	3.0	0.23	1	10/03/24 23:41	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/03/24 23:41	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/03/24 23:41	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/03/24 23:41	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/03/24 23:41	

Surrogate Name	% Rec	<b>Control Limits</b>	Date Analyzed	Q
4-Bromofluorobenzene	106	85 - 122	10/03/24 23:41	
Dibromofluoromethane	101	80 - 116	10/03/24 23:41	
Toluene-d8	100	87 - 121	10/03/24 23:41	

Analytical Report **Client:** GHD Service Request: R2409596 **Project:** Site 255 GMCH-1000 Lexington Avenue/058507 Date Collected: NA Sample Matrix: Water Date Received: NA Sample Name: Method Blank Units: ug/L Lab Code: RQ2412657-03 Basis: NA

### Volatile Organic Compounds by GC/MS

Analysis Method:	8260D
Prep Method:	EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	0.20	1	10/07/24 21:44	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/07/24 21:44	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/07/24 21:44	
Trichlorotrifluoroethane	1.0 U	1.0	0.20	1	10/07/24 21:44	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	10/07/24 21:44	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	10/07/24 21:44	
1.2.4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/07/24 21:44	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/07/24 21:44	
1.2-Dibromoethane	1.0 U	1.0	0.20	1	10/07/24 21:44	
1.2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/07/24 21:44	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/07/24 21:44	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/07/24 21:44	
1.3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/07/24 21:44	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/07/24 21:44	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/07/24 21:44	
2-Hexanone	5.0 U	5.0	0.20	1	10/07/24 21:44	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/07/24 21:44	
Acetone	5.0 U	5.0	5.0	1	10/07/24 21:44	
Benzene	1.0 U	1.0	0.20	1	10/07/24 21:44	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/07/24 21:44	
Bromoform	1.0 U	1.0	0.25	1	10/07/24 21:44	
Bromomethane	1.0 U	1.0	0.70	1	10/07/24 21:44	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/07/24 21:44	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/07/24 21:44	
Chlorobenzene	1.0 U	1.0	0.20	1	10/07/24 21:44	
Chloroethane	1.0 U	1.0	0.23	1	10/07/24 21:44	
Chloroform	1.0 U	1.0	0.51	1	10/07/24 21:44	
Chloromethane	1.0 U	1.0	0.80	1	10/07/24 21:44	
Cyclohexane	1.0 U	1.0	0.60	1	10/07/24 21:44	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/07/24 21:44	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/07/24 21:44	
Methylene Chloride	1.0 U	1.0	0.65	1	10/07/24 21:44	
Ethylbenzene	1.0 U	1.0	0.20	1	10/07/24 21:44	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/07/24 21:44	
Methyl Acetate	2.0 U	2.0	0.87	1	10/07/24 21:44	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/07/24 21:44	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/07/24 21:44	
Styrene	1.0 U	1.0	0.20	1	10/07/24 21:44	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	10/07/24 21:44	
Toluene	1.0 U	1.0	0.20	1	10/07/24 21:44	
Trichloroethene (TCE)	1.0 U	1.0	0.20	1	10/07/24 21:44	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/07/24 21:44	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/07/24 21:44	

Printed 10/17/2024 12:13:25 PM

Superset Reference:24-0000711578 rev 00

Analytical Report			
Client:	GHD	Service Request:	R2409596
Project:	Site 255 GMCH-1000 Lexington Avenue/058507	Date Collected:	NA
Sample Matrix:	Water	Date Received:	NA
Sample Name:	Method Blank	Units:	ug/L
Lab Code:	RQ2412657-03	Basis:	NA

Analysis Method:	8260D
Prep Method:	EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Xylenes, Total	3.0 U	3.0	0.23	1	10/07/24 21:44	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/07/24 21:44	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/07/24 21:44	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/07/24 21:44	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/07/24 21:44	

Surrogate Name	% Rec	<b>Control Limits</b>	Date Analyzed	Q
4-Bromofluorobenzene	93	85 - 122	10/07/24 21:44	
Dibromofluoromethane	94	80 - 116	10/07/24 21:44	
Toluene-d8	102	87 - 121	10/07/24 21:44	

Analytical Report **Client:** GHD Service Request: R2409596 **Project:** Site 255 GMCH-1000 Lexington Avenue/058507 Date Collected: NA Sample Matrix: Water Date Received: NA Sample Name: Method Blank Units: ug/L Lab Code: RQ2412797-03 Basis: NA

### Volatile Organic Compounds by GC/MS

Analysis Method:	8260D
Prep Method:	EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	0.20	1	10/09/24 18:36	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/09/24 18:36	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/09/24 18:36	
Trichlorotrifluoroethane	1.0 U	1.0	0.20	1	10/09/24 18:36	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	10/09/24 18:36	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	10/09/24 18:36	
1.2.4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/09/24 18:36	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/09/24 18:36	
1.2-Dibromoethane	1.0 U	1.0	0.20	1	10/09/24 18:36	
1.2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/09/24 18:36	
1.2-Dichloroethane	1.0 U	1.0	0.20	1	10/09/24 18:36	
1.2-Dichloropropane	1.0 U	1.0	0.20	1	10/09/24 18:36	
1.3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/09/24 18:36	
1.4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/09/24 18:36	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/09/24 18:36	
2-Hexanone	5.0 U	5.0	0.20	1	10/09/24 18:36	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/09/24 18:36	
Acetone	5.0 U	5.0	5.0	1	10/09/24 18:36	
Benzene	1.0 U	1.0	0.20	1	10/09/24 18:36	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/09/24 18:36	
Bromoform	1.0 U	1.0	0.25	1	10/09/24 18:36	
Bromomethane	1.0 U	1.0	0.70	1	10/09/24 18:36	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/09/24 18:36	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/09/24 18:36	
Chlorobenzene	1.0 U	1.0	0.20	1	10/09/24 18:36	
Chloroethane	1.0 U	1.0	0.23	1	10/09/24 18:36	
Chloroform	1.0 U	1.0	0.51	1	10/09/24 18:36	
Chloromethane	1.0 U	1.0	0.80	1	10/09/24 18:36	
Cyclohexane	1.0 U	1.0	0.60	1	10/09/24 18:36	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/09/24 18:36	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/09/24 18:36	
Methylene Chloride	1.0 U	1.0	0.65	1	10/09/24 18:36	
Ethylbenzene	1.0 U	1.0	0.20	1	10/09/24 18:36	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/09/24 18:36	
Methyl Acetate	2.0 U	2.0	0.87	1	10/09/24 18:36	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/09/24 18:36	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/09/24 18:36	
Styrene	1.0 U	1.0	0.20	1	10/09/24 18:36	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	10/09/24 18:36	
Toluene	1.0 U	1.0	0.20	1	10/09/24 18:36	
Trichloroethene (TCE)	1.0 U	1.0	0.20	1	10/09/24 18:36	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/09/24 18:36	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/09/24 18:36	

Printed 10/17/2024 12:13:26 PM

Superset Reference:24-0000711578 rev 00

	Analytical Report		
Client:	GHD	Service Request:	R2409596
Project:	Site 255 GMCH-1000 Lexington Avenue/058507	Date Collected:	NA
Sample Matrix:	Water	Date Received:	NA
Sample Name:	Method Blank	Units:	ug/L
Lab Code:	RQ2412797-03	Basis:	NA

Analysis Method:	8260D
Prep Method:	EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Xylenes, Total	3.0 U	3.0	0.23	1	10/09/24 18:36	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/09/24 18:36	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/09/24 18:36	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/09/24 18:36	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/09/24 18:36	

Surrogate Name	% Rec	<b>Control Limits</b>	Date Analyzed	Q
4-Bromofluorobenzene	96	85 - 122	10/09/24 18:36	
Dibromofluoromethane	97	80 - 116	10/09/24 18:36	
Toluene-d8	98	87 - 121	10/09/24 18:36	

QA/QC Report

Client:GHDProject:Site 255 GMCH-1000 Lexington Avenue/058507Sample Matrix:Water

# Lab Control Sample Summary Volatile Organic Compounds by GC/MS

**Service Request:** R2409596 **Date Analyzed:** 10/03/24

> Units:ug/L Basis:NA

# Lab Control Sample RQ2412562-02

	Analytical				
Analyte Name	Method	Result	Spike Amount	% Rec	% Rec Limits
1,1,1-Trichloroethane (TCA)	8260D	18.3	20.0	92	75-125
1,1,2,2-Tetrachloroethane	8260D	18.9	20.0	95	78-126
1,1,2-Trichloroethane	8260D	19.2	20.0	96	82-121
Trichlorotrifluoroethane	8260D	17.2	20.0	86	67-124
1,1-Dichloroethane (1,1-DCA)	8260D	16.9	20.0	84	80-124
1,1-Dichloroethene (1,1-DCE)	8260D	17.9	20.0	90	71-118
1,2,4-Trichlorobenzene	8260D	20.1	20.0	101	75-132
1,2-Dibromo-3-chloropropane (DBCP)	8260D	22.7	20.0	114	55-136
1,2-Dibromoethane	8260D	19.9	20.0	99	82-127
1,2-Dichlorobenzene	8260D	19.3	20.0	96	80-119
1,2-Dichloroethane	8260D	19.3	20.0	97	71-127
1,2-Dichloropropane	8260D	16.9	20.0	85	80-119
1,3-Dichlorobenzene	8260D	19.2	20.0	96	83-121
1,4-Dichlorobenzene	8260D	19.4	20.0	97	79-119
2-Butanone (MEK)	8260D	18.5	20.0	92	61-137
2-Hexanone	8260D	20.1	20.0	101	63-124
4-Methyl-2-pentanone	8260D	20.2	20.0	101	66-124
Acetone	8260D	16.5	20.0	82	40-161
Benzene	8260D	17.5	20.0	88	79-119
Bromodichloromethane	8260D	19.8	20.0	99	81-123
Bromoform	8260D	23.2	20.0	116	65-146
Bromomethane	8260D	15.6	20.0	78	42-166
Carbon Disulfide	8260D	20.0	20.0	100	66-128
Carbon Tetrachloride	8260D	19.3	20.0	96	70-127
Chlorobenzene	8260D	18.0	20.0	90	80-121
Chloroethane	8260D	16.1	20.0	80	62-131
Chloroform	8260D	18.3	20.0	91	79-120
Chloromethane	8260D	16.4	20.0	82	61-143
Cyclohexane	8260D	15.1	20.0	75	69-120
Dibromochloromethane	8260D	21.0	20.0	105	72-128
Dichlorodifluoromethane (CFC 12)	8260D	23.1	20.0	115	59-155
Methylene Chloride	8260D	17.6	20.0	88	73-122
Ethylbenzene	8260D	18.1	20.0	90	76-120
Printed 10/17/2024 12:13:22 PM			Superset R	eference:24-0000	711578 rev 00

QA/QC Report

Client:GHDProject:Site 255 GMCH-1000 Lexington Avenue/058507Sample Matrix:Water

# Lab Control Sample Summary Volatile Organic Compounds by GC/MS

**Service Request:** R2409596 **Date Analyzed:** 10/03/24

> Units:ug/L Basis:NA

# Lab Control Sample RQ2412562-02

	Analytical				
Analyte Name	Method	Result	Spike Amount	% Rec	% Rec Limits
Isopropylbenzene (Cumene)	8260D	19.5	20.0	97	77-128
Methyl Acetate	8260D	15.6	20.0	78	44-93
Methyl tert-Butyl Ether	8260D	18.5	20.0	92	75-118
Methylcyclohexane	8260D	16.4	20.0	82	51-129
Styrene	8260D	19.1	20.0	95	80-124
Tetrachloroethene (PCE)	8260D	18.2	20.0	91	72-125
Toluene	8260D	18.0	20.0	90	79-119
Trichloroethene (TCE)	8260D	19.0	20.0	95	74-122
Trichlorofluoromethane (CFC 11)	8260D	18.4	20.0	92	71-136
Vinyl Chloride	8260D	16.2	20.0	81	74-159
Xylenes, Total	8260D	54.6	60.0	91	78-121
cis-1,2-Dichloroethene	8260D	19.4	20.0	97	80-121
cis-1,3-Dichloropropene	8260D	19.5	20.0	97	77-122
trans-1,2-Dichloroethene	8260D	16.2	20.0	81	73-118
trans-1,3-Dichloropropene	8260D	20.3	20.0	102	71-133

QA/QC Report

Client:GHDProject:Site 255 GMCH-1000 Lexington Avenue/058507Sample Matrix:Water

# Lab Control Sample Summary Volatile Organic Compounds by GC/MS

**Service Request:** R2409596 **Date Analyzed:** 10/07/24

> Units:ug/L Basis:NA

# Lab Control Sample RQ2412657-02

Analyta Nama	Analytical Mothod	Dogult	Spike Amount	0/ Doo	0/ Doo Limita
Analyte Name	8260D	18.2		70 Rec	76 Rec Lillins
1,1,2,2 Tetrachloroothane	8260D	18.2	20.0	91 102	73-125
1,1,2,2-Tetrachioroethane	8260D	20.0	20.0	105	70-120 92 121
Trichle netwifter and other a	8200D	21.4	20.0	107	62-121
1 1 Dichland (1 1 DCA)	8260D	18.1	20.0	91	07-124
1,1-Dichloroethane (1,1-DCA)	8260D	18.4	20.0	92	80-124
1,1-Dichloroethene (1,1-DCE)	8260D	19.1	20.0	95	/1-118
1,2,4-Trichlorobenzene	8260D	24.9	20.0	125	75-132
1,2-Dibromo-3-chloropropane (DBCP)	8260D	23.0	20.0	115	55-136
1,2-Dibromoethane	8260D	20.7	20.0	104	82-127
1,2-Dichlorobenzene	8260D	21.7	20.0	109	80-119
1,2-Dichloroethane	8260D	18.1	20.0	90	71-127
1,2-Dichloropropane	8260D	20.7	20.0	103	80-119
1,3-Dichlorobenzene	8260D	22.4	20.0	112	83-121
1,4-Dichlorobenzene	8260D	21.6	20.0	108	79-119
2-Butanone (MEK)	8260D	17.5	20.0	87	61-137
2-Hexanone	8260D	19.4	20.0	97	63-124
4-Methyl-2-pentanone	8260D	19.8	20.0	99	66-124
Acetone	8260D	13.0	20.0	65	40-161
Benzene	8260D	21.4	20.0	107	79-119
Bromodichloromethane	8260D	19.8	20.0	99	81-123
Bromoform	8260D	24.3	20.0	122	65-146
Bromomethane	8260D	11.6	20.0	58	42-166
Carbon Disulfide	8260D	18.9	20.0	94	66-128
Carbon Tetrachloride	8260D	20.1	20.0	101	70-127
Chlorobenzene	8260D	21.4	20.0	107	80-121
Chloroethane	8260D	16.7	20.0	83	62-131
Chloroform	8260D	17.8	20.0	89	79-120
Chloromethane	8260D	15.8	20.0	79	61-143
Cyclohexane	8260D	18.4	20.0	92	69-120
Dibromochloromethane	8260D	20.9	20.0	104	72-128
Dichlorodifluoromethane (CFC 12)	8260D	22.5	20.0	112	59-155
Methylene Chloride	8260D	17.0	20.0	85	73-122
Ethylbenzene	8260D	21.6	20.0	108	76-120
Printed 10/17/2024 12:13:25 PM			Superset R	eference:24-0000	711578 rev 00

QA/QC Report

Client:GHDProject:Site 255 GMCH-1000 Lexington Avenue/058507Sample Matrix:Water

# Lab Control Sample Summary Volatile Organic Compounds by GC/MS

**Service Request:** R2409596 **Date Analyzed:** 10/07/24

> Units:ug/L Basis:NA

# Lab Control Sample RQ2412657-02

	Analytical				
Analyte Name	Method	Result	Spike Amount	% Rec	% Rec Limits
Isopropylbenzene (Cumene)	8260D	22.4	20.0	112	77-128
Methyl Acetate	8260D	16.5	20.0	82	44-93
Methyl tert-Butyl Ether	8260D	17.1	20.0	86	75-118
Methylcyclohexane	8260D	18.9	20.0	94	51-129
Styrene	8260D	21.5	20.0	108	80-124
Tetrachloroethene (PCE)	8260D	23.2	20.0	116	72-125
Toluene	8260D	21.4	20.0	107	79-119
Trichloroethene (TCE)	8260D	21.6	20.0	108	74-122
Trichlorofluoromethane (CFC 11)	8260D	16.9	20.0	84	71-136
Vinyl Chloride	8260D	16.5	20.0	82	74-159
Xylenes, Total	8260D	64.9	60.0	108	78-121
cis-1,2-Dichloroethene	8260D	20.5	20.0	103	80-121
cis-1,3-Dichloropropene	8260D	20.7	20.0	103	77-122
trans-1,2-Dichloroethene	8260D	17.7	20.0	89	73-118
trans-1,3-Dichloropropene	8260D	19.5	20.0	97	71-133

QA/QC Report

Client:GHDProject:Site 255 GMCH-1000 Lexington Avenue/058507Sample Matrix:Water

# Lab Control Sample Summary Volatile Organic Compounds by GC/MS

**Service Request:** R2409596 **Date Analyzed:** 10/09/24

> Units:ug/L Basis:NA

# Lab Control Sample RQ2412797-02

Analyte Name	Analytical Method	Result	Snike Amount	% Rec	% Rec Limits
1.1.1-Trichloroethane (TCA)	8260D	19.4	20.0	97	75-125
1.1.2.2-Tetrachloroethane	8260D	18.1	20.0	91	78-126
1.1.2-Trichloroethane	8260D	18.5	20.0	93	82-121
Trichlorotrifluoroethane	8260D	18.8	20.0	94	67-124
1,1-Dichloroethane (1,1-DCA)	8260D	20.1	20.0	100	80-124
1,1-Dichloroethene (1,1-DCE)	8260D	19.4	20.0	97	71-118
1,2,4-Trichlorobenzene	8260D	19.9	20.0	100	75-132
1,2-Dibromo-3-chloropropane (DBCP)	8260D	16.1	20.0	81	55-136
1,2-Dibromoethane	8260D	18.1	20.0	90	82-127
1,2-Dichlorobenzene	8260D	18.5	20.0	92	80-119
1,2-Dichloroethane	8260D	19.7	20.0	98	71-127
1,2-Dichloropropane	8260D	18.4	20.0	92	80-119
1,3-Dichlorobenzene	8260D	19.0	20.0	95	83-121
1,4-Dichlorobenzene	8260D	19.1	20.0	96	79-119
2-Butanone (MEK)	8260D	16.4	20.0	82	61-137
2-Hexanone	8260D	16.2	20.0	81	63-124
4-Methyl-2-pentanone	8260D	17.6	20.0	88	66-124
Acetone	8260D	13.9	20.0	70	40-161
Benzene	8260D	19.8	20.0	99	79-119
Bromodichloromethane	8260D	18.6	20.0	93	81-123
Bromoform	8260D	18.9	20.0	94	65-146
Bromomethane	8260D	25.6	20.0	128	42-166
Carbon Disulfide	8260D	18.1	20.0	90	66-128
Carbon Tetrachloride	8260D	19.4	20.0	97	70-127
Chlorobenzene	8260D	18.3	20.0	92	80-121
Chloroethane	8260D	18.1	20.0	91	62-131
Chloroform	8260D	18.9	20.0	95	79-120
Chloromethane	8260D	21.4	20.0	107	61-143
Cyclohexane	8260D	19.7	20.0	98	69-120
Dibromochloromethane	8260D	17.6	20.0	88	72-128
Dichlorodifluoromethane (CFC 12)	8260D	27.4	20.0	137	59-155
Methylene Chloride	8260D	19.8	20.0	99	73-122
Ethylbenzene	8260D	19.1	20.0	96	76-120
Printed 10/17/2024 12:13:26 PM			Superset R	eference:24-0000	711578 rev 00

QA/QC Report

Client:GHDProject:Site 255 GMCH-1000 Lexington Avenue/058507Sample Matrix:Water

# **Service Request:** R2409596 **Date Analyzed:** 10/09/24

# Lab Control Sample Summary Volatile Organic Compounds by GC/MS

Units:ug/L Basis:NA

## Lab Control Sample RQ2412797-02

	Analytical				
Analyte Name	Method	Result	Spike Amount	% Rec	% Rec Limits
Isopropylbenzene (Cumene)	8260D	20.0	20.0	100	77-128
Methyl Acetate	8260D	15.3	20.0	77	44-93
Methyl tert-Butyl Ether	8260D	19.0	20.0	95	75-118
Methylcyclohexane	8260D	19.6	20.0	98	51-129
Styrene	8260D	18.8	20.0	94	80-124
Tetrachloroethene (PCE)	8260D	19.9	20.0	100	72-125
Toluene	8260D	19.5	20.0	98	79-119
Trichloroethene (TCE)	8260D	19.5	20.0	97	74-122
Trichlorofluoromethane (CFC 11)	8260D	19.9	20.0	99	71-136
Vinyl Chloride	8260D	20.9	20.0	104	74-159
Xylenes, Total	8260D	56.8	60.0	95	78-121
cis-1,2-Dichloroethene	8260D	20.8	20.0	104	80-121
cis-1,3-Dichloropropene	8260D	19.9	20.0	99	77-122
trans-1,2-Dichloroethene	8260D	18.4	20.0	92	73-118
trans-1,3-Dichloropropene	8260D	20.1	20.0	100	71-133





Ruth Mickle GHD Services Inc. (Formerly Conestoga-Rovers & Associates, Inc.) 1801 Old Highway 8 NW Suite 114 St. Paul, MN 55112

# Laboratory Results for: Site 255 GMCH-1000 Lexington Avenue

Dear Ruth,

Enclosed are the results of the sample(s) submitted to our laboratory September 30, 2024 For your reference, these analyses have been assigned our service request number **R2409644**.

All testing was performed according to our laboratory's quality assurance program and met the requirements of the TNI standards except as noted in the case narrative report. Any testing not included in the lab's accreditation is identified on a Non-Certified Analytes report. All results are intended to be considered in their entirety. ALS Environmental is not responsible for use of less than the complete report. Results apply only to the individual samples submitted to the lab for analysis, as listed in the report. The measurement uncertainty of the results included in this report is within that expected when using the prescribed method(s), and represented by Laboratory Control Sample control limits. Any events, such as QC failures or Holding Time exceedances, which may add to the uncertainty are explained in the report narrative or are flagged with qualifiers. The flags are explained in the Report Qualifiers and Definitions page of this report.

Please contact me if you have any questions. My extension is 7475. You may also contact me via email at Meghan.Pedro@alsglobal.com.

Respectfully submitted,

# ALS Group USA, Corp. dba ALS Environmental

Mighan tedio

Meghan Pedro Project Manager

CC: Denis Conley

ADDRESS 1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623 PHONE +1 585 288 5380 FAX +1 585 288 8475 ALS Group USA, Corp. dba ALS Environmental



# Narrative Documents

ALS Environmental—Rochester Laboratory 1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623 Phone (585) 288-5380 Fax (585) 288-8475 www.alsglobal.com

RIGHT SOLUTIONS | RIGHT PARTNER



Client: GHD Project: Site 255 GMCH-1000 Lexington Avenue Sample Matrix: Water Service Request: R2409644 Date Received: 09/30/2024

### **CASE NARRATIVE**

All analyses were performed consistent with the quality assurance program of ALS Environmental. This report contains analytical results for samples for the Tier level IV requested by the client.

Manual Integrations may have been used in the quantitation of the results in this report. Manual Integrations are readily identified in the raw data on the Quantitation Reports (Organics) by the automatic placement of an "m" next to the sample result. For Ion Chromatography, the manual integrations are identified by the automatic placement of "manipulated" or "manually integrated" in the upper left corner of the chromatogram (Hexavalent Chromium) or "M" by the result in the "Type" column (anions). The reason for the manual integration is noted on the "after" chromatogram, which is found with the original chromatogram and quantitation report. All integrations follow the lab SOP ADM-INT "Manual Integration."

### Sample Receipt:

Five water samples were received for analysis at ALS Environmental on 09/30/2024. Any discrepancies upon initial sample inspection are annotated on the sample receipt and preservation form included within this report. The samples were stored at minimum in accordance with the analytical method requirements.

### Volatiles by GC/MS:

Method 8260D, 10/12/2024: The upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.

Method 8260D, R2409644-004: Sample(s) required dilution due to the foaming nature of the matrix. The reporting limits are adjusted to reflect the dilution.

Approved by

Mightan Hedro

Date

10/17/2024



# Sample Receipt Information

ALS Environmental—Rochester Laboratory 1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623 Phone (585) 288-5380 Fax (585) 288-8475 www.alsglobal.com

RIGHT SOLUTIONS | RIGHT PARTNER

# SAMPLE CROSS-REFERENCE

<u>SAMPLE #</u>	CLIENT SAMPLE ID	DATE	<u>TIME</u>
R2409644-001	020811-093024-0001	9/30/2024	0820
R2409644-002	DR315-093024-0840	9/30/2024	0840
R2409644-003	DR132-093024-1015	9/30/2024	1015
R2409644-004	PZ113-093024-1140	9/30/2024	1140
R2409644-005	020811-093024-0002	9/30/2024	1200

			СН	AIN O	FCL	JST	OD.	Y/I	LAE	BOR	TAS	OR	Y ANALYSIS RE	QUE	ST FORM		SR#
	nme	ental					1565	Jeffe <del>n</del> Pi	son Ro hone (	oad, 8 (585) 2 V	lidg 30 288-53 www.a	00, Su 380 / F	ite 360, Rochester, NY 1462. FAX (585) 288-8475 al.com	3	22		T050934
e 255 GMCH-1000 Lexington Avenue			_			0								· ·		J	
ojeci Number: 8507-255013	Report To Kathy Will	γ			1	$\vdash$						F					
mpany / Address D Services Inc. 35 Niagara Falls Blvd., Suite 3 gara Falls NY, 14304	<u>,,</u>				NTAINERS		ŝ										
one #	FAX #				- ñ	È.	2										
5-297-2160 mpter \$ighature	716-297-2 Sampler P	265 Irinted Name			L C C	臣	Ø										
ht ba	Daw.c	d Loeve	nguhu		E MB		32(						Bomarka				
		SAMPI	LING	Matrix		<del>ا</del>		-	2	<u></u>	4		Remarks				
70811-069024-0001		Q130/20	0870	Non-Aq	3	1	R						Trio Black				
R315-093024-0940		9/20170	nun	Non-Aq	3		ľ.		····								
Q132-093029-1015		2/30/24	1015	Non-Aq	3		×										
7113-093024-1140		9130ky	11:40	Non-Ac	3		X										
70811-093024-0002		AB0/24	12:00	Non-Aq	3		X						Gawaras B.				
				Non-Ac									0.				
				Non-Aq													
				Non-Ac	l	1						<b> </b>					·
				Non-Aq	ĺ			<u> </u>		-		<b> </b>					
				Non-Ac				┞	<u> </u>		<u> </u>		Poguiromonto		Panart Paguiramanta		Invoice Information
pecial instructions/Comr	ments:	_							I UI	RUS	SHIS	IURC	HARGES APPLY)	1	Resutts Only		
CC: dipewerguth (	2 hale	y adric	Jr. 001	^									,	_	I. Results + QC Summaries (LCS	s,   I	P.O.#
		•								Star	ndard	J		i	DUP, MS/MSD as required) II, Results + QC and Cilibration		D:II T
Conter has evoly but	the wave	. Included	1												Summaries		Bill 10:
			1							RE	QUE	STE	D FAX DATE	<u>ب</u> مر	with Raw Data		
								.		R	eque	ested	Report Date	EDat	a <u>X</u> Yes <u>No</u>		
Relinquished By:		Received (	By:		Re	linc	quist	hed	By:				Received By:		Relinquished E	By:	Received By:
ignature	Signature	i Aus	tri	Sigr	nature	:	<u></u>				s	Signa	ture		Signature		Signature
Vinter Name Varia Louison	Printed Na	e Au	stin	Prin	ted N	ame					F	Printe	ed Name		Printed Name		Printed Name
I'm Hever Aldrich	Firm	ALS		Firm	1						F	irm			Firm	· R2	Firm 409644 5
)ate/Time 9/30/24 1600	Date/Time	° 9/20/2	4 (60	0 Date	e/Tim	e						Date/	Time		Date/Time	GHD S	ervices Inc. (Formerly Conestoga-Rovers GMCH-1000 Lexington Avenue
		1.1															

.



\*

# **Cooler Receipt and Preservation Check Form**

Project/Cli	ent <u>GH</u>	D,			Fold	er Number					_		
Cooler received on 9730 24 by: AA COURIER: ALS UPS FEDEX VELOCITY CLIENT													
1 Were Cu	istody seals on	outside of coole	r?		YN	5a Did	VOA via	ls have sig	s* bubbles	2*		B	N NA
2 Custody	papers proper	rly completed (in	k, signe	ed)?	YN	5b Sig*	bubbles:	Alk?	YNN		Sulfide	? Y	N MA
3 Did all b	ottles arrive in	good condition (	unbrok	en)?	NIR	6 Who	re did the	e bottles or	riginate?		LS/ROC		ENT
A Circle	Wet Ice Dry	Ice Gelnacks	TITES	ent2		7 Soil	VOA rec	eived ac:	Bulk	 Enco		Scet (	NA
			1	CIII (		1 501		cived as.			10 505		
8. Temperatu	re Readings	Date: <u>1/30</u>	)/ <i>∂</i> Y	Time:	103	<u>ұ    т</u>	): IR#12	(R#11)	· F	rom:	Temp Bla	nk (Sa	mple Bottle
Temp (°C)		6.2			ſ		T					· `	
Within 0-6°	C?	Y N	5	Y	N	Y N	Y	N	Y N		Y N		ζN
If <0°C, we	re samples froz	en? Y N		Ŷ	N	Y N	Y	N	YN		Y N		
If out of '		note packing/ic	i na i	 ition•	<u> </u>	Ice me	lted P	oorly Pacl	ked (descri		·	Same	Day Rule
& Client	Approval to P	un Samples	c condi	Stan	ding Apr	IOU III	nt aware	at dron-of	f Client	notified	l hv:		
Chent A	Approvarito N	un sampies.											<u> </u>
All samples	s held in storag	e location:	SM	<u>b</u> t	y Av	<u>∧_</u> on 9∐:	<u>30 at 1</u>	634					
5035 sampl	es placed in st	orage location:		t	у	on	at	wi	thin 48 hou	urs of s	ampling?	Y	N
		*			·								
Cooler Br	eakdown/Prese	rvation Check**	: Date	:91	2124	Time	: 173)		by: RD	)A			
Cooler Br 9.	eakdown/Prese Were all bottle	ervation Check** labels complete (	: Date <i>i.e.</i> ana	: <u>913</u> Iysis,	2/24 preserval	Time tion, etc.)?	: 173)	ES NO	by: <b>R</b> []	)A			
Cooler Br 9. 10. I	eakdown/Prese Were all bottle Did all bottle la	rvation Check** labels complete ( bels and tags agr	: Date <i>i.e.</i> ana ee with	: <u>913</u> lysis, custo	2/24 preserval dy paper	Time tion, etc.)? s?	: 173) (	TES NO	by:_ <u>R</u> ) >	) <b>A</b>			
Cooler Br 9. 10. 1 11.	eakdown/Prese Were all bottle Did all bottle la Were correct co	rvation Check** labels complete ( bels and tags agr ontainers used for	: Date <i>i.e.</i> ana ee with the tes	: <u>91</u> lysis, custo its indi	2/24 preserval dy paper cated?	Time tion, etc.)? s?	- 173) ¢	ES NO ES NO	by:_ <u>K</u> )	<u>I</u> <u>A</u>			
Cooler Br 9. 10. 1 11. 11. 12. 12.	reakdown/Preso Were all bottle Did all bottle la Were correct co Were 5035 vial	ervation Check** labels complete ( bels and tags agr ontainers used for s acceptable (no	: Date <i>i.e.</i> ana ee with the tes extra la	: <u>9</u> 12 Ilysis, custo its indi bels, r	2/24 preservat dy paper icated? not leakin	Time tion, etc.)? s? ng)?	. 173) ¢		by: <b>R</b> ])	) <b>A</b>			
Cooler Br 9. 10. 1 11. 12. 13.	reakdown/Prese Were all bottle Did all bottle la Were correct co Were 5035 vial Were dissolved	ervation Check** labels complete ( bels and tags agro ontainers used for s acceptable (no metals filtered in	: Date <i>i.e.</i> and ee with the tes extra la the fie	: <u>9</u> llysis, custo its indi bels, r eld?	2/24 preservat dy paper cated? not leakin	Time tion, etc.)? s? ng)?	1731	ES NO PES NO PES NO PES NO PES NO	by: <b>R</b> )	) <u>}</u>			~
Cooler Br 9. 10. 1 11. 12. 13. 14.	eakdown/Prese Were all bottle Did all bottle la Were correct co Were 5035 vial Were dissolved Air Samples: C	ervation Check** labels complete ( bels and tags agro ontainers used for s acceptable (no metals filtered in cassettes / Tubes 1	: Date <i>i.e.</i> ana ee with the tes extra la the fie Intact Y	: <u>9</u> lysis, custo its indi bels, r eld?	2/24 preservat dy paper icated? not leakin with MS	Time tion, etc.)? s? ng)? <u>Y / N Can</u>	isters Pre	ES NO ES NO ES NO ES NO ES NO Ssurized	by: <u>R</u> ) N/A N/A Tedlard	)} ® Bags	Inflated	N/A_	
Cooler Br 9. 10. 11. 12. 13. 14. pH	reakdown/Prese Were all bottle Did all bottle la Were correct co Were 5035 vial Were dissolved Air Samples: C Lot of test	ervation Check** labels complete ( bels and tags agrontainers used for s acceptable (no metals filtered in assettes / Tubes 1 Reagent	: Date <i>i.e.</i> ana ee with the tes extra la the fie Intact Y Preser	e: <u>91</u> lysis, custo its indi bels, r eld? 7 / N ved?	2/29 preservat dy papers cated? not leakin with MS Lot Re	Time tion, etc.)? s? ng)? Y / N Can ceived	isters Pre	ES NO ES NO ES NO ES NO ES NO Ssurized Sample	by: <u>R</u> ) ) ) N/A Tedlar ID Vo	₿ Bags 1.	Inflated Lot Add	N/A_ led	) Final
Cooler Br 9. 10. 11. 12. 13. 14. pH	reakdown/Prese Were all bottle Did all bottle la Were correct co Were 5035 vial Were dissolved Air Samples: C Lot of test paper	ervation Check** labels complete ( bels and tags agrontainers used for s acceptable (no metals filtered in assettes / Tubes ) Reagent	: Date i.e. ana ee with the tes extra la h the fie Intact Y Preser Yes	: <u>9</u> .lysis, custo its indi bels, r eld? V / N ved?	2/24 preservat dy paper cated? not leakin with MS Lot Re	Time tion, etc.)? s? ng)? <u>Y / N Can</u> ceived	isters Pre Exp	ES NO ES NO ES NO ES NO ES NO Ssurized Sample Adjusted	by: <u>R</u> ) ) ) ) N/A ) Tedlar ID Vo 1 Ad	₿ Bags I. ded	Inflated Lot Add	N/A_ led	) Final pH
Cooler Br 9. 10. 1 11. 12. 13. 14. pH ≥12.	reakdown/Prese Were all bottle la Were correct co Were 5035 vial Were dissolved Air Samples: C Lot of test paper	rvation Check** labels complete ( bels and tags agr ontainers used for s acceptable (no metals filtered in assettes / Tubes ) Reagent	: Date i.e. ana ee with the tes extra la the fie Intact Y Preser Yes	: 912 Ilysis, custo its indi bels, r eld? 7/N ved? No	2/24 preservat dy paper cated? not leakin with MS Lot Re	Time tion, etc.)? s? ng)? Y/N Can ceived	isters Pre Exp	ES NO ES NO ES NO ES NO ES NO ES NO Sample Adjusted	by: <u>R</u> ) N/A Tedlard ID Vo I Ad	₿ Bags I. ded	Inflated Lot Add	N/A_ led	Final pH
Cooler Br 9. 10. 1 11. 12. 13. 14. pH ≥12 ≤2.	reakdown/Prese Were all bottle la Were correct co Were 5035 vial Were dissolved Air Samples: C Lot of test paper	rvation Check** labels complete ( bels and tags agrontainers used for s acceptable (no metals filtered in assettes / Tubes 1 Reagent NaOH HNO <sub>3</sub>	: Date i.e. ana ee with the tes extra la the fie intact Y Preser Yes	9:912 Ilysis, custo its indi bels, r eld? 7 / N ved? No	2/24 preservat dy paper cated? not leakin with MS Lot Re	Time tion, etc.)? s? ng)? Y/N Can ceived	isters Pre Exp	ES NC ES NC ES NC ES NC ES NC ES NC Sample Adjusted	by: R) N/A N/A Tedlard ID Vo d Ad	Bags Bags I. ded	Inflated Lot Add	N/A_ led	) Final pH
Cooler Br 9. 10. 1 11. 12. 13. 14. pH ≥12 ≤2 ≤2	reakdown/Prese Were all bottle la Were correct cc Were 5035 vial Were dissolved Air Samples: C Lot of test paper	rvation Check** labels complete ( bels and tags agrontainers used for s acceptable (no - metals filtered in assettes / Tubes ) Reagent NaOH HNO <sub>3</sub> H <sub>2</sub> SO <sub>4</sub>	: Date i.e. ana ee with the tes extra la the fie Intact Y Preser Yes	e: <u>91:</u> Ilysis, custo its indi bels, r eld? No	2/24 preservat dy paper cated? not leakin with MS Lot Re	Time tion, etc.)? s? ng)? Y / N Can ceived	isters Pre Exp	ES NC ES NC ES NC ES NC ES NC ES NC Ssurized Sample Adjusted	by: <u>R</u> N/A N/A Tedlard ID Vo d Ad	Bags Bags I. ded	Inflated Lot Add	N/A_ led	Final pH
Cooler Br 9. 10. 11. 12. 13. 14. pH $\geq 12$ $\leq 2$ $\leq 2$ $\leq 4$ $\leq 0$	reakdown/Prese Were all bottle la Were correct cc Were 5035 vial Were dissolved Air Samples: C Lot of test paper	rvation Check** labels complete ( bels and tags agrontainers used for s acceptable (no metals filtered in assettes / Tubes I Reagent NaOH HINO <sub>3</sub> H <sub>2</sub> SO <sub>4</sub> NaHSO <sub>4</sub>	: Date i.e. ana ee with the tes extra la h the fie Intact Y Preser Yes	e: <u>91:</u> Ilysis, custo its indi bels, r eld? V/N ved? No	2/24 preservat dy paper cated? not leakin with MS Lot Re	Time tion, etc.)? s? ng)? Y / N Can ceived	isters Pre Exp	ES NC ES NC ES NC ES NC ES NC ES NC Ssurized Sample Adjusted	by: R) N/A N/A Tedlar ID Vo A A	Bags Bags I. ded	Inflated Lot Add	N/A_ led	Final pH
Cooler Br 9. 10. 11 11. 12. 13. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14	reakdown/Prese Were all bottle la Were correct cc Were 5035 vial Were dissolved Air Samples: C Lot of test paper	rvation Check** labels complete ( bels and tags agn ontainers used for s acceptable (no metals filtered in assettes / Tubes ) Reagent NaOH HNO <sub>3</sub> H <sub>2</sub> SO <sub>4</sub> NaHSO <sub>4</sub> For 608pest	: Date i.e. ana ee with the tes extra la the fie Intact Y Preser Yes	: <u>9</u> : lysis, custo its indi bels, r eld? 7/N ved? No	2/24 preservat dy paper icated? not leakin with MS Lot Re No=Not	Time tion, etc.)? s? Y / N Can ceived	isters Pre Exp	ES NC ES NC ES NC ES NC ES NC Ssurized Sample Adjusted	by: <u>R</u> ) N/A Tedlar ID Vo d Ad	Bags Bags I. ded	Inflated Lot Add	N/A_led	Final pH
Cooler Br 9. 10. 11 11. 12. 13. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14	reakdown/Prese Were all bottle la Were correct cc Were 5035 vial Were dissolved Air Samples: C Lot of test paper	ervation Check** labels complete ( bels and tags agn ontainers used for s acceptable (no metals filtered in assettes / Tubes ] Reagent NaOH HNO <sub>3</sub> H <sub>2</sub> SO <sub>4</sub> NaHSO <sub>4</sub> For 608pest For CN, Phone 1, 625	: Date i.e. ana ee with the tes extra la h the fie Intact Y Preser Yes	: <u>9</u> : lysis, custo its indi bels, r beld? 7/N ved? No	2/24 preservat dy papers cated? not leakin with MS Lot Re Lot Re No=Not If +, con Na>S203	Time tion, etc.)? s? <u>Y / N Can</u> ceived tify for 3day ttact PM to add	isters Pre Exp	ES NC ES NC ES NC ES NC ES NC Ssurized Sample Adjusted	by: <u>R</u> ) ) ) ) ) ) Tedlar 1D Vo 1 Ad	Bags Bags I. ded	Inflated Lot Add	N/A_led	Final pH
Cooler Br 9. 10. 11 11. 12. 13. 14. 2 pH ≥12 ≤2 ≤2 ≤2 ≤2 <4 5-9 Residual Chlorine	reakdown/Prese Were all bottle la Were correct cc Were 5035 vial Were dissolved Air Samples: C Lot of test paper	rvation Check** labels complete ( bels and tags agrontainers used for s acceptable (no metals filtered in assettes / Tubes ) Reagent NaOH HNO <sub>3</sub> H <sub>2</sub> SO <sub>4</sub> NaHSO <sub>4</sub> For 608pest For CN, Phenol, 625, 608peet 522	: Date <i>i.e.</i> ana ee with the tes extra la the fiel Intact Y Preser Yes	: <u>G</u> 1: lysis, custo its indi bels, r eld? Ved? No	2/24 preservat dy papers icated? not leakin with MS Lot Re No=Not If +, con Na2S2O3 CN), asc	Time tion, etc.)? s? <u>Y / N Can</u> ceived tify for 3day ttact PM to add 6 (625, 608, corbic (phenol).	isters Pre Exp	ES NC ES NC ES NC ES NC ES NC Sample Adjusted	by: <u>R</u> ) N/A Tedlar ID Vo Ad	Bags Bags I. ded	Inflated Lot Add	N/A_led	Final pH
Cooler Br 9. 10. 1 11. 1 12. 1 13. 1 14. 2 13. 14. 2 13. 14. 2 13. 14. 2 14. 2 13. 14. 2 14. 2	reakdown/Prese Were all bottle la Were correct co Were 5035 vial Were dissolved Air Samples: C Lot of test paper	rvation Check** labels complete ( bels and tags agrontainers used for s acceptable (no metals filtered in assettes / Tubes ) Reagent NaOH HNO <sub>3</sub> H <sub>2</sub> SO <sub>4</sub> NaHSO <sub>4</sub> For 608pest For CN, Phenol, 625, 608pest, 522	: Date i.e. ana ee with the tes extra la the fiel Intact Y Preser Yes	: <u>G</u> ): Iysis, custo its indi bels, r eld? Ved? No	2/24 preservat dy paper icated? not leakin with MS Lot Rea No=Not If +, con Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> CN), asc	Time tion, etc.)? s? <u>Y / N Can</u> ceived tify for 3day stact PM to add (625, 608, corbic (phenol).	isters Pre	ES NC ES NC ES NC ES NC ES NC Ssurized Sample Adjusted	by: <u>R</u> ) N/A Tedlar ID Vo Ad	Bags I. ded	Inflated Lot Add	N/A_led	Final pH
Cooler Br 9. $10.$ 1 11. $12.$ 1 13. $14.$ $2$ 14. $2$ 14. $2$ 14. $2$ 14. $2$ 14. $2$ 14. $2$ 15.9 Residual Chlorine (-)	reakdown/Prese Were all bottle la Were correct co Were 5035 vial Were dissolved Air Samples: C Lot of test paper	rvation Check** labels complete ( bels and tags agrontainers used for s acceptable (no metals filtered in assettes / Tubes ) Reagent NaOH HNO <sub>3</sub> H <sub>2</sub> SO <sub>4</sub> NaHSO <sub>4</sub> For 608pest For CN, Phenol, 625, 608pest, 522 Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> Ta Acetate	: Date i.e. ana ee with the tess extra la the fiel intact Y Preser Yes	: <u>G</u> ): Iysis, custo its indi bels, r eld? Ved? No	2 2 29 preservat dy paper icated? not leakin with MS Lot Red No=Not If +, con Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> CN), asc	Time tion, etc.)? s? <u>Y / N Can</u> ceived tify for 3day tact PM to add (625, 608, corbic (phenol).	isters Pre	ES NC ES NC ES NC ES NC ES NC Sample Adjusted	by: R)	Bags Bags I. ded	Inflated Lot Add	N/A_ led	Final pH
Cooler Br 9. $10.$ 1 11. $12.$ $13.$ $14.$ $2$ pH $\geq 12$ $\leq 2$ $\leq 2$ $\leq 4$ 5-9 Residual Chlorine (-)	reakdown/Prese Were all bottle la Were correct co Were 5035 vial Were dissolved Air Samples: C Lot of test paper	rvation Check** labels complete ( bels and tags agrontainers used for s acceptable (no metals filtered in assettes / Tubes I Reagent NaOH HNO <sub>3</sub> H <sub>2</sub> SO <sub>4</sub> NaHSO <sub>4</sub> For 608pest For CN, Phenol, 625, 608pest, 522 Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> ZnAcetate	: Date i.e. ana ee with the tess extra la a the fie intact Y Preser Yes	s: <u>9</u> 1: Ilysis, custo its indi bels, r eld? Ved? No	2 2 29 preservat dy paper icated? not leakin with MS Lot Rea No=Not If +, con Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> CN), asc	Time tion, etc.)? s? <u>Y / N Can</u> ceived tify for 3day tact PM to add (625, 608, corbic (phenol).	isters Pre	ES NC ES NC ES NC ES NC ES NC Sample Adjusted	by: RU by: RU N/A N/A Tedlard ID Vo Ad Ad how the solution of the solu	Bags I. ded	Inflated Lot Add	N/A_ led	Final pH

Bottle lot numbers: 101023 - 31 x 11 Explain all Discrepancies/ Other Comments:

2) filled out in pencil 5a) one VOA in Sample 020811-093024-0001

HPROD BULK FLDT HTR HGFB SUB ALS LL3541

R2409644

5 -Rovers 8

Labels secondary reviewed by: K17/A

\*significant air bubbles: VOA > 5-6 mm : WC >1 in. diameter

P:\INTRANET\QAQC\Forms Controlled\Cooler Receipt r21.doc

05/17/2024



# Miscellaneous Forms

ALS Environmental—Rochester Laboratory 1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623 Phone (585) 288-5380 Fax (585) 288-8475 www.alsglobal.com

RIGHT SOLUTIONS | RIGHT PARTNER



# **REPORT QUALIFIERS AND DEFINITIONS**

- U Analyte was analyzed for but not detected. The sample quantitation limit has been corrected for dilution and for percent moisture, unless otherwise noted in the case narrative.
- J Estimated value due to either being a Tentatively Identified Compound (TIC) or that the concentration is between the MRL and the MDL. Concentrations are not verified within the linear range of the calibration. For DoD: concentration >40% difference between two GC columns (pesticides/Arclors).
- B Analyte was also detected in the associated method blank at a concentration that may have contributed to the sample result.
- E Inorganics- Concentration is estimated due to the serial dilution was outside control limits.
- E Organics- Concentration has exceeded the calibration range for that specific analysis.
- D Concentration is a result of a dilution, typically a secondary analysis of the sample due to exceeding the calibration range or that a surrogate has been diluted out of the sample and cannot be assessed.
- Indicates that a quality control parameter has exceeded laboratory limits. Under the "Notes" column of the Form I, this qualifier denotes analysis was performed out of Holding Time.
- H Analysis was performed out of hold time for tests that have an "immediate" hold time criteria.
- # Spike was diluted out.



ľ	NELAP States
F	Florida ID # E87674
N	New Hampshire ID # 2941
N	New York ID # 10145
F	ennsylvania ID# 68-786
ſ	Texas ID#T104704581
1	/irginia #460167

# Rochester Lab ID # for State Accreditations<sup>1</sup>

+	Correlation	coefficient for	MSA	is <0.995.
	Contenation		111011	15 .0.775.

- N Inorganics- Matrix spike recovery was outside laboratory limits.
- N Organics- Presumptive evidence of a compound (reported as a TIC) based on the MS library search.
- S Concentration has been determined using Method of Standard Additions (MSA).
- W Post-Digestion Spike recovery is outside control limits and the sample absorbance is <50% of the spike absorbance.
- P Concentration >40% difference between the two GC columns.
- C Confirmed by GC/MS
- Q DoD reports: indicates a pesticide/Aroclor is not confirmed (≥100% Difference between two GC columns).
- X See Case Narrative for discussion.
- MRL Method Reporting Limit. Also known as:
- LOQ Limit of Quantitation (LOQ) The lowest concentration at which the method analyte may be reliably quantified under the method conditions.
- MDL Method Detection Limit. A statistical value derived from a study designed to provide the lowest concentration that will be detected 99% of the time. Values between the MDL and MRL are estimated (see J qualifier).
- LOD Limit of Detection. A value at or above the MDL which has been verified to be detectable.
- ND Non-Detect. Analyte was not detected at the concentration listed. Same as U qualifier.

Non-NELAP States
Connecticut ID #PH0556
Delaware Approved
Maine ID #NY01587
North Carolina #36701
North Carolina #676
Rhode Island LAO00333

<sup>1</sup> Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state or agency requirements. The test results meet requirements of the current NELAP/TNI standards or state or agency requirements, where applicable, except as noted in the case narrative. Since not all analyte/method/matrix combinations are offered for state/NELAC accreditation, this report may contain results which are not accredited. For a specific list of accredited analytes, contact the laboratory. To verify NH accredited analytes, go to <a href="https://www4.des.state.nh.us/CertifiedLabs/Certified-Method.aspx">https://www4.des.state.nh.us/CertifiedLabs/Certified-Method.aspx</a>.

# ALS Laboratory Group

# Acronyms

ASTM	American Society for Testing and Materials
A2LA	American Association for Laboratory Accreditation
CARB	California Air Resources Board
CAS Number	Chemical Abstract Service registry Number
CFC	Chlorofluorocarbon
CFU	Colony-Forming Unit
DEC	Department of Environmental Conservation
DEQ	Department of Environmental Quality
DHS	Department of Health Services
DOE	Department of Ecology
DOH	Department of Health
EPA	U. S. Environmental Protection Agency
ELAP	Environmental Laboratory Accreditation Program
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
LUFT	Leaking Underground Fuel Tank
М	Modified
MCL	Maximum Contaminant Level is the highest permissible concentration of a
	substance allowed in drinking water as established by the USEPA.
MDL	Method Detection Limit
MPN	Most Probable Number
MRL	Method Reporting Limit
NA	Not Applicable
NC	Not Calculated
NCASI	National Council of the Paper Industry for Air and Stream Improvement
ND	Not Detected
NIOSH	National Institute for Occupational Safety and Health
PQL	Practical Quantitation Limit
RCRA	Resource Conservation and Recovery Act
SIM	Selected Ion Monitoring
TPH	Total Petroleum Hydrocarbons
tr	Trace level is the concentration of an analyte that is less than the PQL but
	greater than or equal to the MDL.

Analyst Summary report

Client:	GHD
Project:	Site 255 GMCH-1000 Lexington Avenue/058507

Service Request: R2409644

Sample Name:	020811-093024-0001	Date Collected:	09/30/24
Lab Code:	R2409644-001	Date Received:	09/30/24
Sample Matrix:	Water		

<b>Analysis Method</b> 8260D		Extracted/Digested By	<b>Analyzed By</b> KRUEST
Sample Name: Lab Code: Sample Matrix:	DR315-093024-0840 R2409644-002 Water		<b>Date Collected:</b> 09/30/24 <b>Date Received:</b> 09/30/24
<b>Analysis Method</b> 8260D		Extracted/Digested By	<b>Analyzed By</b> KRUEST
Sample Name: Lab Code: Sample Matrix:	DR132-093024-1015 R2409644-003 Water		<b>Date Collected:</b> 09/30/24 <b>Date Received:</b> 09/30/24
<b>Analysis Method</b> 8260D		Extracted/Digested By	<b>Analyzed By</b> KRUEST
Sample Name: Lab Code: Sample Matrix:	PZ113-093024-1140 R2409644-004 Water		<b>Date Collected:</b> 09/30/24 <b>Date Received:</b> 09/30/24
<b>Analysis Method</b> 8260D		Extracted/Digested By	<b>Analyzed By</b> KRUEST
Sample Name: Lab Code: Sample Matrix:	020811-093024-0002 R2409644-005 Water		<b>Date Collected:</b> 09/30/24 <b>Date Received:</b> 09/30/24
Analysis Method 8260D		Extracted/Digested By	<b>Analyzed By</b> KRUEST



The preparation methods associated with this report are found in these tables unless discussed in the case narrative.

# INORGANIC

# Water/Liquid Matrix

Analytical Method	Preparation Method
200.7	200.2
200.8	200.2
6010C or 6010D	3005A/3010A
6020A or 6020B	ILM05.3
9034 Sulfide Acid Soluble	9030B
SM 4500-CN-N-2016	SM 4500-CN-G and
Amenable and Residual	SM 4500-CN-B,C-2016
Cyanide	
SM 4500-CN-E WAD	SM 4500-CN-I
Cyanide	

## Solid/Soil/Non-Aqueous Matrix

Analytical Method	Preparation		
	Method		
6010C or 6010D	3050B		
6020A or 6020B	3050B		
6010C or 6010D TCLP	3005A/3010A		
(1311) extract			
6010C or 6010D SPLP	3005A/3010A		
(1312) extract			
7199	3060A		
300.0 Anions/ 350.1/ 353.2/	DI extraction		
SM 2320B/ SM 5210B/			
9056A Anions			
For analytical methods not listed, the preparation method is the same as the analytical method reference.			

# ORGANIC

## Preparation Methods for Organic methods are listed in the header of the Results pages.

## Regarding "Bulk/5035A":

For soil/solid samples submitted in soil jars for Volatiles analysis, the prep method is listed as "Bulk/5035A". The lab follows the closed-system EPA 5035A protocols once the sample is transferred to a sealed vial, but collection in bulk in soil jars does not follow the collection protocols listed in EPA 5035A. In accordance with the NYSDOH technical notice of October 2012, all results or reporting limits <200 ug/kg are to be considered estimated due to potential low bias.



# Sample Results

ALS Environmental—Rochester Laboratory 1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623 Phone (585) 288-5380 Fax (585) 288-8475 www.alsglobal.com

RIGHT SOLUTIONS | RIGHT PARTNER



# Volatile Organic Compounds by GC/MS

ALS Environmental—Rochester Laboratory 1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623 Phone (585) 288-5380 Fax (585) 288-8475 www.alsglobal.com

RIGHT SOLUTIONS | RIGHT PARTNER

Analytical Report **Client:** GHD Service Request: R2409644 **Date Collected:** 09/30/24 08:20 **Project:** Site 255 GMCH-1000 Lexington Avenue/058507 Sample Matrix: Water Date Received: 09/30/24 16:00 Sample Name: 020811-093024-0001 Units: ug/L Lab Code: R2409644-001 Basis: NA

### Volatile Organic Compounds by GC/MS

Analysis Method:	8260D
Prep Method:	EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	0.20	1	10/12/24 05:57	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/12/24 05:57	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/12/24 05:57	
Trichlorotrifluoroethane	1.0 U	1.0	0.20	1	10/12/24 05:57	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	10/12/24 05:57	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	10/12/24 05:57	
1.2.4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/12/24 05:57	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/12/24 05:57	
1.2-Dibromoethane	1.0 U	1.0	0.20	1	10/12/24 05:57	
1.2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/12/24 05:57	
1.2-Dichloroethane	1.0 U	1.0	0.20	1	10/12/24 05:57	
1.2-Dichloropropane	1.0 U	1.0	0.20	1	10/12/24 05:57	
1.3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/12/24 05:57	
1.4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/12/24 05:57	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/12/24 05:57	
2-Hexanone	5.0 U	5.0	0.20	1	10/12/24 05:57	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/12/24 05:57	
Acetone	5.0 U	5.0	5.0	1	10/12/24 05:57	
Benzene	1.0 U	1.0	0.20	1	10/12/24 05:57	
Bromodichloromethane	10 U	1.0	0.20	1	10/12/24 05:57	
Bromoform	1.0 U	1.0	0.25	1	10/12/24 05:57	
Bromomethane	1.0 U	1.0	0.70	1	10/12/24 05:57	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/12/24 05:57	
Carbon Tetrachloride	10 U	1.0	0.34	1	10/12/24 05:57	
Chlorobenzene	1.0 U	1.0	0.20	1	10/12/24 05:57	
Chloroethane	1.0 U	1.0	0.23	1	10/12/24 05:57	
Chloroform	1.0 U	1.0	0.51	1	10/12/24 05:57	
Chloromethane	1.0 U	1.0	0.80	1	10/12/24 05:57	
Cyclohexane	1.0 U	1.0	0.60	1	10/12/24 05:57	
Dibromochloromethane	1.0 U	1.0	0.00	1	10/12/24 05:57	
Dichlorodifluoromethane (CEC 12)	1.0 U	1.0	0.20	1	10/12/24 05:57	
Methylene Chloride	1.0 U	1.0	0.65	1	10/12/24 05:57	
Ethylbenzene	10 U	1.0	0.20	1	10/12/24 05:57	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/12/24 05:57	
Methyl Acetate	2.0 U	2.0	0.87	1	10/12/24 05:57	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/12/24 05:57	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/12/24 05:57	
Styrene	10 U	1.0	0.20	1	10/12/24 05:57	
Tetrachloroethene (PCE)	10 U	1.0	0.20	1	10/12/24 05:57	
Toluene	1.0 U	1.0	0.20	1	10/12/24 05:57	
Trichloroethene (TCE)	10 U	1.0	0.20	1	10/12/24 05:57	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.20	1	10/12/24 05:57	
Vinvl Chloride	10 U	1.0	0.21	1	10/12/24 05:57	
, myi Chionde	1.0 0	1.0	0.20	1	10/12/21 05:57	

Printed 10/17/2024 12:10:00 PM

Superset Reference:24-0000711947 rev 00

	Analytical Report		
Client:	GHD	Service Request:	R2409644
Project:	Site 255 GMCH-1000 Lexington Avenue/058507	Date Collected:	09/30/24 08:20
Sample Matrix:	Water	Date Received:	09/30/24 16:00
Sample Name:	020811-093024-0001	Units:	ug/L
Lab Code:	R2409644-001	Basis:	NA

Analysis Method:	8260D
Prep Method:	EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Xylenes, Total	3.0 U	3.0	0.23	1	10/12/24 05:57	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/12/24 05:57	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/12/24 05:57	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/12/24 05:57	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/12/24 05:57	

Surrogate Name	% Rec	<b>Control Limits</b>	Date Analyzed	Q
4-Bromofluorobenzene	97	85 - 122	10/12/24 05:57	
Dibromofluoromethane	98	80 - 116	10/12/24 05:57	
Toluene-d8	100	87 - 121	10/12/24 05:57	

Analytical Report **Client:** GHD Service Request: R2409644 **Date Collected:** 09/30/24 08:40 **Project:** Site 255 GMCH-1000 Lexington Avenue/058507 Sample Matrix: Water Date Received: 09/30/24 16:00 Sample Name: DR315-093024-0840 Units: ug/L Lab Code: R2409644-002 Basis: NA

### Volatile Organic Compounds by GC/MS

Analysis Method:	8260D
Prep Method:	EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	0.20	1	10/12/24 07:30	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/12/24 07:30	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/12/24 07:30	
Trichlorotrifluoroethane	1.0 U	1.0	0.20	1	10/12/24 07:30	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	10/12/24 07:30	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	10/12/24 07:30	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/12/24 07:30	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/12/24 07:30	
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/12/24 07:30	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/12/24 07:30	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/12/24 07:30	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/12/24 07:30	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/12/24 07:30	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/12/24 07:30	
2-Butanone (MEK)	41	5.0	0.78	1	10/12/24 07:30	
2-Hexanone	2.1 J	5.0	0.20	1	10/12/24 07:30	
4-Methyl-2-pentanone	0.70 J	5.0	0.20	1	10/12/24 07:30	
Acetone	140	5.0	5.0	1	10/12/24 07:30	
Benzene	120	1.0	0.20	1	10/12/24 07:30	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/12/24 07:30	
Bromoform	1.0 U	1.0	0.25	1	10/12/24 07:30	
Bromomethane	1.0 U	1.0	0.70	1	10/12/24 07:30	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/12/24 07:30	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/12/24 07:30	
Chlorobenzene	1.0 U	1.0	0.20	1	10/12/24 07:30	
Chloroethane	1.0 U	1.0	0.23	1	10/12/24 07:30	
Chloroform	1.0 U	1.0	0.51	1	10/12/24 07:30	
Chloromethane	1.0 U	1.0	0.80	1	10/12/24 07:30	
Cyclohexane	2.0	1.0	0.60	1	10/12/24 07:30	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/12/24 07:30	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/12/24 07:30	
Methylene Chloride	1.0 U	1.0	0.65	1	10/12/24 07:30	
Ethylbenzene	0.42 J	1.0	0.20	1	10/12/24 07:30	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/12/24 07:30	
Methyl Acetate	2.0 U	2.0	0.87	1	10/12/24 07:30	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/12/24 07:30	
Methylcyclohexane	0.45 J	1.0	0.20	1	10/12/24 07:30	
Styrene	1.0 U	1.0	0.20	1	10/12/24 07:30	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	10/12/24 07:30	
Toluene	8.5	1.0	0.20	1	10/12/24 07:30	
Trichloroethene (TCE)	1.0 U	1.0	0.20	1	10/12/24 07:30	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/12/24 07:30	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/12/24 07:30	

Printed 10/17/2024 12:10:00 PM

Superset Reference:24-0000711947 rev 00

	Analytical Report		
Client:	GHD	Service Request:	R2409644
Project:	Site 255 GMCH-1000 Lexington Avenue/058507	Date Collected:	09/30/24 08:40
Sample Matrix:	Water	Date Received:	09/30/24 16:00
Sample Name:	DR315-093024-0840	Units:	ug/L
Lab Code:	R2409644-002	Basis:	NA

Analysis Method:	8260D
Prep Method:	EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Xylenes, Total	1.8 J	3.0	0.23	1	10/12/24 07:30	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/12/24 07:30	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/12/24 07:30	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/12/24 07:30	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/12/24 07:30	

Surrogate Name	% Rec	<b>Control Limits</b>	Date Analyzed	Q
4-Bromofluorobenzene	96	85 - 122	10/12/24 07:30	
Dibromofluoromethane	98	80 - 116	10/12/24 07:30	
Toluene-d8	99	87 - 121	10/12/24 07:30	

Analytical Report **Client:** GHD Service Request: R2409644 **Date Collected:** 09/30/24 10:15 **Project:** Site 255 GMCH-1000 Lexington Avenue/058507 Sample Matrix: Water Date Received: 09/30/24 16:00 Sample Name: DR132-093024-1015 Units: ug/L Lab Code: R2409644-003 Basis: NA

### Volatile Organic Compounds by GC/MS

Analysis Method:	8260D
Prep Method:	EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	0.20	1	10/12/24 06:21	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/12/24 06:21	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/12/24 06:21	
Trichlorotrifluoroethane	1.0 U	1.0	0.20	1	10/12/24 06:21	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	10/12/24 06:21	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	10/12/24 06:21	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/12/24 06:21	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/12/24 06:21	
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/12/24 06:21	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/12/24 06:21	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/12/24 06:21	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/12/24 06:21	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/12/24 06:21	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/12/24 06:21	
2-Butanone (MEK)	3.0 J	5.0	0.78	1	10/12/24 06:21	
2-Hexanone	5.0 U	5.0	0.20	1	10/12/24 06:21	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/12/24 06:21	
Acetone	5.0 U	5.0	5.0	1	10/12/24 06:21	
Benzene	3.3	1.0	0.20	1	10/12/24 06:21	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/12/24 06:21	
Bromoform	1.0 U	1.0	0.25	1	10/12/24 06:21	
Bromomethane	1.0 U	1.0	0.70	1	10/12/24 06:21	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/12/24 06:21	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/12/24 06:21	
Chlorobenzene	1.0 U	1.0	0.20	1	10/12/24 06:21	
Chloroethane	1.0 U	1.0	0.23	1	10/12/24 06:21	
Chloroform	1.0 U	1.0	0.51	1	10/12/24 06:21	
Chloromethane	1.0 U	1.0	0.80	1	10/12/24 06:21	
Cyclohexane	1.0 U	1.0	0.60	1	10/12/24 06:21	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/12/24 06:21	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/12/24 06:21	
Methylene Chloride	1.0 U	1.0	0.65	1	10/12/24 06:21	
Ethylbenzene	1.0 U	1.0	0.20	1	10/12/24 06:21	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/12/24 06:21	
Methyl Acetate	2.0 U	2.0	0.87	1	10/12/24 06:21	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/12/24 06:21	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/12/24 06:21	
Styrene	1.0 U	1.0	0.20	1	10/12/24 06:21	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	10/12/24 06:21	
Toluene	0.91 J	1.0	0.20	1	10/12/24 06:21	
Trichloroethene (TCE)	1.0 U	1.0	0.20	1	10/12/24 06:21	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/12/24 06:21	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/12/24 06:21	

Printed 10/17/2024 12:10:00 PM

Superset Reference:24-0000711947 rev 00

	Analytical Report		
Client:	GHD	Service Request:	R2409644
Project:	Site 255 GMCH-1000 Lexington Avenue/058507	Date Collected:	09/30/24 10:15
Sample Matrix:	Water	Date Received:	09/30/24 16:00
Sample Name:	DR132-093024-1015	Units:	ug/L
Lab Code:	R2409644-003	Basis:	NA

Analysis Method:	8260D
Prep Method:	EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Xylenes, Total	1.0 J	3.0	0.23	1	10/12/24 06:21	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/12/24 06:21	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/12/24 06:21	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/12/24 06:21	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/12/24 06:21	

Surrogate Name	% Rec	<b>Control Limits</b>	Date Analyzed	Q
4-Bromofluorobenzene	94	85 - 122	10/12/24 06:21	
Dibromofluoromethane	100	80 - 116	10/12/24 06:21	
Toluene-d8	99	87 - 121	10/12/24 06:21	

Analytical Report **Client:** GHD Service Request: R2409644 **Date Collected:** 09/30/24 11:40 **Project:** Site 255 GMCH-1000 Lexington Avenue/058507 Sample Matrix: Water Date Received: 09/30/24 16:00 Sample Name: PZ113-093024-1140 Units: ug/L Lab Code: R2409644-004 Basis: NA

### Volatile Organic Compounds by GC/MS

Analysis Method:	8260D
Prep Method:	EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	10 U	10	2.0	10	10/12/24 07:07	
1,1,2,2-Tetrachloroethane	10 U	10	2.0	10	10/12/24 07:07	
1,1,2-Trichloroethane	10 U	10	2.0	10	10/12/24 07:07	
Trichlorotrifluoroethane	10 U	10	2.0	10	10/12/24 07:07	
1,1-Dichloroethane (1,1-DCA)	10 U	10	2.0	10	10/12/24 07:07	
1,1-Dichloroethene (1,1-DCE)	10 U	10	2.0	10	10/12/24 07:07	
1,2,4-Trichlorobenzene	10 U	10	3.4	10	10/12/24 07:07	
1,2-Dibromo-3-chloropropane (DBCP)	20 U	20	4.5	10	10/12/24 07:07	
1,2-Dibromoethane	10 U	10	2.0	10	10/12/24 07:07	
1.2-Dichlorobenzene	10 U	10	2.0	10	10/12/24 07:07	
1.2-Dichloroethane	10 U	10	2.0	10	10/12/24 07:07	
1.2-Dichloropropane	10 U	10	2.0	10	10/12/24 07:07	
1.3-Dichlorobenzene	10 U	10	2.0	10	10/12/24 07:07	
1.4-Dichlorobenzene	10 U	10	2.0	10	10/12/24 07:07	
2-Butanone (MEK)	50 U	50	7.8	10	10/12/24 07:07	
2-Hexanone	50 U	50	2.0	10	10/12/24 07:07	
4-Methyl-2-pentanone	50 U	50	2.0	10	10/12/24 07:07	
Acetone	50 U	50	50	10	10/12/24 07:07	
Benzene	10 U	10	2.0	10	10/12/24 07:07	
Bromodichloromethane	10 U	10	2.0	10	10/12/24 07:07	
Bromoform	10 U	10	2.5	10	10/12/24 07:07	
Bromomethane	10 U	10	7.0	10	10/12/24 07:07	
Carbon Disulfide	10 U	10	4.2	10	10/12/24 07:07	
Carbon Tetrachloride	10 U	10	3.4	10	10/12/24 07:07	
Chlorobenzene	10 U	10	2.0	10	10/12/24 07:07	
Chloroethane	10 U	10	2.3	10	10/12/24 07:07	
Chloroform	10 U	10	5.1	10	10/12/24 07:07	
Chloromethane	10 U	10	8.0	10	10/12/24 07:07	
Cyclohexane	10 U	10	6.0	10	10/12/24 07:07	
Dibromochloromethane	10 U	10	2.0	10	10/12/24 07:07	
Dichlorodifluoromethane (CFC 12)	10 U	10	2.1	10	10/12/24 07:07	
Methylene Chloride	10 U	10	6.5	10	10/12/24 07:07	
Ethylbenzene	10 U	10	2.0	10	10/12/24 07:07	
Isopropylbenzene (Cumene)	10 U	10	2.0	10	10/12/24 07:07	
Methyl Acetate	20 U	20	8.7	10	10/12/24 07:07	
Methyl tert-Butyl Ether	10 U	10	2.0	10	10/12/24 07:07	
Methylcyclohexane	10 U	10	2.0	10	10/12/24 07:07	
Styrene	10 U	10	2.0	10	10/12/24 07:07	
Tetrachloroethene (PCE)	10 U	10	2.1	10	10/12/24 07:07	
Toluene	10 U	10	2.0	10	10/12/24 07:07	
Trichloroethene (TCE)	10 U	10	2.0	10	10/12/24 07:07	
Trichlorofluoromethane (CFC 11)	10 U	10	2.4	10	10/12/24 07:07	
Vinyl Chloride	10 U	10	2.0	10	10/12/24 07:07	
-						

Superset Reference:24-0000711947 rev 00

	Analytical Report		
Client:	GHD	Service Request:	R2409644
Project:	Site 255 GMCH-1000 Lexington Avenue/058507	Date Collected:	09/30/24 11:40
Sample Matrix:	Water	Date Received:	09/30/24 16:00
Sample Name:	PZ113-093024-1140	Units:	ug/L
Lab Code:	R2409644-004	Basis:	NA

Analysis Method:	8260D
Prep Method:	EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Xylenes, Total	30 U	30	2.3	10	10/12/24 07:07	
cis-1,2-Dichloroethene	10 U	10	2.3	10	10/12/24 07:07	
cis-1,3-Dichloropropene	10 U	10	2.0	10	10/12/24 07:07	
trans-1,2-Dichloroethene	10 U	10	2.0	10	10/12/24 07:07	
trans-1,3-Dichloropropene	10 U	10	2.3	10	10/12/24 07:07	

Surrogate Name	% Rec	<b>Control Limits</b>	Date Analyzed	Q
4-Bromofluorobenzene	93	85 - 122	10/12/24 07:07	
Dibromofluoromethane	100	80 - 116	10/12/24 07:07	
Toluene-d8	100	87 - 121	10/12/24 07:07	

Analytical Report **Client:** GHD Service Request: R2409644 **Date Collected:** 09/30/24 12:00 **Project:** Site 255 GMCH-1000 Lexington Avenue/058507 Sample Matrix: Water Date Received: 09/30/24 16:00 Sample Name: 020811-093024-0002 Units: ug/L Lab Code: R2409644-005 Basis: NA

### Volatile Organic Compounds by GC/MS

Analysis Method:	8260D
Prep Method:	EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	0.20	1	10/12/24 06:44	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/12/24 06:44	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/12/24 06:44	
Trichlorotrifluoroethane	1.0 U	1.0	0.20	1	10/12/24 06:44	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	10/12/24 06:44	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	10/12/24 06:44	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/12/24 06:44	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/12/24 06:44	
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/12/24 06:44	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/12/24 06:44	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/12/24 06:44	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/12/24 06:44	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/12/24 06:44	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/12/24 06:44	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/12/24 06:44	
2-Hexanone	5.0 U	5.0	0.20	1	10/12/24 06:44	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/12/24 06:44	
Acetone	5.0 U	5.0	5.0	1	10/12/24 06:44	
Benzene	1.0 U	1.0	0.20	1	10/12/24 06:44	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/12/24 06:44	
Bromoform	1.0 U	1.0	0.25	1	10/12/24 06:44	
Bromomethane	1.0 U	1.0	0.70	1	10/12/24 06:44	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/12/24 06:44	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/12/24 06:44	
Chlorobenzene	1.0 U	1.0	0.20	1	10/12/24 06:44	
Chloroethane	1.0 U	1.0	0.23	1	10/12/24 06:44	
Chloroform	1.0 U	1.0	0.51	1	10/12/24 06:44	
Chloromethane	1.0 U	1.0	0.80	1	10/12/24 06:44	
Cyclohexane	1.0 U	1.0	0.60	1	10/12/24 06:44	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/12/24 06:44	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/12/24 06:44	
Methylene Chloride	1.0 U	1.0	0.65	1	10/12/24 06:44	
Ethylbenzene	1.0 U	1.0	0.20	1	10/12/24 06:44	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/12/24 06:44	
Methyl Acetate	2.0 U	2.0	0.87	1	10/12/24 06:44	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/12/24 06:44	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/12/24 06:44	
Styrene	1.0 U	1.0	0.20	1	10/12/24 06:44	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	10/12/24 06:44	
Toluene	1.0 U	1.0	0.20	1	10/12/24 06:44	
Trichloroethene (TCE)	1.0 U	1.0	0.20	1	10/12/24 06:44	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/12/24 06:44	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/12/24 06:44	

Printed 10/17/2024 12:10:01 PM

Superset Reference:24-0000711947 rev 00

	Analytical Report		
Client:	GHD	Service Request:	R2409644
Project:	Site 255 GMCH-1000 Lexington Avenue/058507	Date Collected:	09/30/24 12:00
Sample Matrix:	Water	Date Received:	09/30/24 16:00
Sample Name:	020811-093024-0002	Units:	ug/L
Lab Code:	R2409644-005	Basis:	NA

Analysis Method:	8260D		
Prep Method:	EPA 5030C		

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Xylenes, Total	3.0 U	3.0	0.23	1	10/12/24 06:44	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/12/24 06:44	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/12/24 06:44	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/12/24 06:44	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/12/24 06:44	

Surrogate Name	% Rec	<b>Control Limits</b>	Date Analyzed	Q
4-Bromofluorobenzene	93	85 - 122	10/12/24 06:44	
Dibromofluoromethane	99	80 - 116	10/12/24 06:44	
Toluene-d8	100	87 - 121	10/12/24 06:44	



# QC Summary Forms

ALS Environmental—Rochester Laboratory 1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623 Phone (585) 288-5380 Fax (585) 288-8475 www.alsglobal.com

RIGHT SOLUTIONS | RIGHT PARTNER


# Volatile Organic Compounds by GC/MS

ALS Environmental—Rochester Laboratory 1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623 Phone (585) 288-5380 Fax (585) 288-8475 www.alsglobal.com

RIGHT SOLUTIONS | RIGHT PARTNER

# ALS Group USA, Corp.

dba ALS Environmental

QA/QC Report

Client:	GHD
Project:	Site 255 GMCH-1000 Lexington Avenue/058507
Sample Matrix:	Water

#### Service Request: R2409644

### SURROGATE RECOVERY SUMMARY

### Volatile Organic Compounds by GC/MS

Analysis Method:	8260D	
Extraction Method:	EPA 5030C	

		4-Bromofluorobenzene	Dibromofluoromethane	Toluene-d8
Sample Name	Lab Code	85 - 122	80 - 116	87 - 121
020811-093024-0001	R2409644-001	97	98	100
DR315-093024-0840	R2409644-002	96	98	99
DR132-093024-1015	R2409644-003	94	100	99
PZ113-093024-1140	R2409644-004	93	100	100
020811-093024-0002	R2409644-005	93	99	100
Lab Control Sample	RQ2412921-02	96	103	101
Method Blank	RQ2412921-03	95	103	102

Analytical Report **Client:** GHD Service Request: R2409644 **Project:** Site 255 GMCH-1000 Lexington Avenue/058507 Date Collected: NA Sample Matrix: Water Date Received: NA Sample Name: Method Blank Units: ug/L Lab Code: RQ2412921-03 Basis: NA

#### Volatile Organic Compounds by GC/MS

Analysis Method:	8260D		
Prep Method:	EPA 5030C		

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	0.20	1	10/11/24 23:26	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.20	1	10/11/24 23:26	
1,1,2-Trichloroethane	1.0 U	1.0	0.20	1	10/11/24 23:26	
Trichlorotrifluoroethane	1.0 U	1.0	0.20	1	10/11/24 23:26	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	10/11/24 23:26	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	10/11/24 23:26	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.34	1	10/11/24 23:26	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.45	1	10/11/24 23:26	
1,2-Dibromoethane	1.0 U	1.0	0.20	1	10/11/24 23:26	
1,2-Dichlorobenzene	1.0 U	1.0	0.20	1	10/11/24 23:26	
1,2-Dichloroethane	1.0 U	1.0	0.20	1	10/11/24 23:26	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	10/11/24 23:26	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	10/11/24 23:26	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	10/11/24 23:26	
2-Butanone (MEK)	5.0 U	5.0	0.78	1	10/11/24 23:26	
2-Hexanone	5.0 U	5.0	0.20	1	10/11/24 23:26	
4-Methyl-2-pentanone	5.0 U	5.0	0.20	1	10/11/24 23:26	
Acetone	5.0 U	5.0	5.0	1	10/11/24 23:26	
Benzene	1.0 U	1.0	0.20	1	10/11/24 23:26	
Bromodichloromethane	1.0 U	1.0	0.20	1	10/11/24 23:26	
Bromoform	1.0 U	1.0	0.25	1	10/11/24 23:26	
Bromomethane	1.0 U	1.0	0.70	1	10/11/24 23:26	
Carbon Disulfide	1.0 U	1.0	0.42	1	10/11/24 23:26	
Carbon Tetrachloride	1.0 U	1.0	0.34	1	10/11/24 23:26	
Chlorobenzene	1.0 U	1.0	0.20	1	10/11/24 23:26	
Chloroethane	1.0 U	1.0	0.23	1	10/11/24 23:26	
Chloroform	1.0 U	1.0	0.51	1	10/11/24 23:26	
Chloromethane	1.0 U	1.0	0.80	1	10/11/24 23:26	
Cyclohexane	1.0 U	1.0	0.60	1	10/11/24 23:26	
Dibromochloromethane	1.0 U	1.0	0.20	1	10/11/24 23:26	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.21	1	10/11/24 23:26	
Methylene Chloride	1.0 U	1.0	0.65	1	10/11/24 23:26	
Ethylbenzene	1.0 U	1.0	0.20	1	10/11/24 23:26	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	10/11/24 23:26	
Methyl Acetate	2.0 U	2.0	0.87	1	10/11/24 23:26	
Methyl tert-Butyl Ether	1.0 U	1.0	0.20	1	10/11/24 23:26	
Methylcyclohexane	1.0 U	1.0	0.20	1	10/11/24 23:26	
Styrene	1.0 U	1.0	0.20	1	10/11/24 23:26	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	10/11/24 23:26	
Toluene	1.0 U	1.0	0.20	1	10/11/24 23:26	
Trichloroethene (TCE)	1.0 U	1.0	0.20	1	10/11/24 23:26	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.24	1	10/11/24 23:26	
Vinyl Chloride	1.0 U	1.0	0.20	1	10/11/24 23:26	

Superset Reference:24-0000711947 rev 00

	Analytical Report		
Client:	GHD	Service Request:	R2409644
Project:	Site 255 GMCH-1000 Lexington Avenue/058507	Date Collected:	NA
Sample Matrix:	Water	Date Received:	NA
Sample Name:	Method Blank	Units:	ug/L
Lab Code:	RQ2412921-03	Basis:	NA

### Volatile Organic Compounds by GC/MS

Analysis Method:	8260D		
Prep Method:	EPA 5030C		

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Xylenes, Total	3.0 U	3.0	0.23	1	10/11/24 23:26	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	10/11/24 23:26	
cis-1,3-Dichloropropene	1.0 U	1.0	0.20	1	10/11/24 23:26	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	10/11/24 23:26	
trans-1,3-Dichloropropene	1.0 U	1.0	0.23	1	10/11/24 23:26	

Surrogate Name	% Rec	<b>Control Limits</b>	Date Analyzed	Q
4-Bromofluorobenzene	95	85 - 122	10/11/24 23:26	
Dibromofluoromethane	103	80 - 116	10/11/24 23:26	
Toluene-d8	102	87 - 121	10/11/24 23:26	

QA/QC Report

Client:GHDProject:Site 255 GMCH-1000 Lexington Avenue/058507Sample Matrix:Water

# Lab Control Sample Summary Volatile Organic Compounds by GC/MS

Units:ug/L

Service Request: R2409644

**Date Analyzed:** 10/11/24

Basis:NA

### Lab Control Sample RQ2412921-02

Angleta Nama	Analytical Mathad	Dografia		0/ Dec	
Analyte Name	Niethod 8260D	18 0		% Rec	% Kec Limits
1,1,2,2 Tetra chlara ethane	8200D	18.0	20.0	90	73-125
	8260D	19.3	20.0	96	/8-120
1,1,2-1 richloroethane	8260D	20.3	20.0	101	82-121
Trichlorotrifluoroethane	8260D	18.0	20.0	90	67-124
1,1-Dichloroethane (1,1-DCA)	8260D	19.9	20.0	100	80-124
1,1-Dichloroethene (1,1-DCE)	8260D	21.2	20.0	106	71-118
1,2,4-Trichlorobenzene	8260D	19.0	20.0	95	75-132
1,2-Dibromo-3-chloropropane (DBCP)	8260D	18.8	20.0	94	55-136
1,2-Dibromoethane	8260D	20.1	20.0	100	82-127
1,2-Dichlorobenzene	8260D	19.3	20.0	97	80-119
1,2-Dichloroethane	8260D	20.2	20.0	101	71-127
1,2-Dichloropropane	8260D	19.3	20.0	97	80-119
1,3-Dichlorobenzene	8260D	19.0	20.0	95	83-121
1,4-Dichlorobenzene	8260D	18.8	20.0	94	79-119
2-Butanone (MEK)	8260D	15.4	20.0	77	61-137
2-Hexanone	8260D	16.4	20.0	82	63-124
4-Methyl-2-pentanone	8260D	17.3	20.0	86	66-124
Acetone	8260D	15.8	20.0	79	40-161
Benzene	8260D	19.0	20.0	95	79-119
Bromodichloromethane	8260D	19.0	20.0	95	81-123
Bromoform	8260D	19.4	20.0	97	65-146
Bromomethane	8260D	22.1	20.0	111	42-166
Carbon Disulfide	8260D	15.3	20.0	76	66-128
Carbon Tetrachloride	8260D	17.7	20.0	88	70-127
Chlorobenzene	8260D	17.9	20.0	90	80-121
Chloroethane	8260D	23.6	20.0	118	62-131
Chloroform	8260D	19.5	20.0	97	79-120
Chloromethane	8260D	21.7	20.0	108	61-143
Cyclohexane	8260D	18.6	20.0	93	69-120
Dibromochloromethane	8260D	18.6	20.0	93	72-128
Dichlorodifluoromethane (CFC 12)	8260D	26.6	20.0	133	59-155
Methylene Chloride	8260D	21.8	20.0	109	73-122
Ethylbenzene	8260D	17.6	20.0	88	76-120
Printed 10/17/2024 12:10:02 PM		Superset Reference:24-0000711947 rev 00			

QA/QC Report

Client:GHDProject:Site 255 GMCH-1000 Lexington Avenue/058507Sample Matrix:Water

### Lab Control Sample Summary Volatile Organic Compounds by GC/MS

**Service Request:** R2409644 **Date Analyzed:** 10/11/24

> Units:ug/L Basis:NA

### Lab Control Sample RQ2412921-02

	Analytical				
Analyte Name	Method	Result	Spike Amount	% Rec	% Rec Limits
Isopropylbenzene (Cumene)	8260D	18.4	20.0	92	77-128
Methyl Acetate	8260D	16.0	20.0	80	44-93
Methyl tert-Butyl Ether	8260D	20.7	20.0	104	75-118
Methylcyclohexane	8260D	17.9	20.0	89	51-129
Styrene	8260D	18.8	20.0	94	80-124
Tetrachloroethene (PCE)	8260D	17.4	20.0	87	72-125
Toluene	8260D	18.3	20.0	92	79-119
Trichloroethene (TCE)	8260D	18.8	20.0	94	74-122
Trichlorofluoromethane (CFC 11)	8260D	19.2	20.0	96	71-136
Vinyl Chloride	8260D	22.5	20.0	113	74-159
Xylenes, Total	8260D	54.4	60.0	91	78-121
cis-1,2-Dichloroethene	8260D	21.0	20.0	105	80-121
cis-1,3-Dichloropropene	8260D	19.6	20.0	98	77-122
trans-1,2-Dichloroethene	8260D	17.4	20.0	87	73-118
trans-1,3-Dichloropropene	8260D	20.5	20.0	103	71-133



# **Data Verification Report**

#### 05 November 2024

То	Denis Conley [dconley@haleyaldrich.com]	Project No.	12616852
Copy to	Claire Mondello [cmondello@haleyaldrich.com];Ruth Mickle	DVR No.	35
From	Avery Hook/eew	Contact No.	774-470-1659
Project Name	Site 255 GMCH - 1000 Lexington Avenue	Email	Avery.Hook@ghd.com
Subject	Analytical Results and Data Verification Annual Groundwater Monitoring GMC Holdings - Site 255 GMCH - 1000 Lexington Aven Rochester, New York September 2024	ue	

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 groundwater samples collected in support of the Annual Groundwater Monitoring at the 1000 Lexington Avenue site during September 2024. Samples were submitted to ALS Environmental – Rochester Laboratory located in Rochester, New York. 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 forms, finished report forms, method blank data, recovery data from surrogate spikes/laboratory control samples (LCS)/matrix spikes (MS) and field QA/QC samples.

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 documents 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 criteria and sample preservation requirements for the analyses are summarized in Table 3. Sample chain of custody documents and analytical reports were used to determine sample holding times. Most samples were analyzed within the required holding time. Due to holding time exceedance, sample data summarized in Table 4 were qualified as estimated with a potentially low bias and rejected for detects and non-detects, respectively.

Most samples were properly preserved, delivered on ice, and stored by the laboratory at the required temperature (0-6°C). Some samples were received with minor temperature exceedances. The samples were judged acceptable without qualification as temperature exceedances were minimal, ice was present in the cooler, and the samples were received the same day they were collected.

# 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. Surrogate Spike Recoveries - Organic Analyses

In accordance with the method employed, all samples, blanks, and QC samples analyzed for organics are spiked with surrogate compounds prior to sample analysis. Surrogate recoveries provide a means to evaluate the effects of laboratory performance on individual sample matrices.

All samples submitted for volatile organic compound (VOC) determinations were spiked with the appropriate number of surrogate compounds prior to sample analysis.

Surrogate recoveries were assessed against laboratory control limits. All surrogate recoveries were within the laboratory control limits.

# 5. 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, a 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.

# 6. Matrix Spike/Matrix Spike Duplicate (MS/MSD) Analyses

To evaluate the effects of sample matrices on the preparation process, measurement procedures, and accuracy of a particular analysis, samples are spiked with a known concentration of the analyte of concern and analyzed as MS/MSD samples. The RPD between the MS and MSD is used to assess analytical precision.

High MS/MSD recoveries and/or RPDs do not impact any associated non-detect sample results.

MS/MSD analyses were performed as specified in Table 1.

The MS/MSD samples were spiked with all compounds of interest. All percent recoveries and RPD values were within the laboratory control limits, demonstrating acceptable analytical accuracy and precision.

# 7. Field QA/QC Samples

The field QA/QC consisted of four trip blank samples, one equipment blank sample, and two field duplicate sample sets.

### **Trip Blank Sample Analysis**

To evaluate contamination from sample collection, transportation, storage, and analytical activities, four trip blanks were submitted to the laboratory for VOC analysis. All results were non-detect for the compounds of interest.

### **Equipment Blank Sample Analysis**

To assess field decontamination procedures and cleanliness of sample containers, an equipment blank was submitted for analysis, as identified in Table 1. All results were non-detect for the analytes of interest.

### Field Duplicate Sample Analysis

To assess the analytical and sampling protocol precision, two field duplicate sample sets were collected and submitted "blind" to the laboratory, as specified in Table 1. The RPDs associated with these duplicate samples must be less than 50 percent for water samples. If the reported concentration in either the investigative sample or its duplicate is less than five times the reporting limit (RL), the evaluation criterion is one times the RL value.

All field duplicate results met the above criteria demonstrating acceptable sampling and analytical precision.

# 8. 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.

# 9. Conclusion

Based on the assessment detailed in the foregoing, the data summarized in Table 2 are acceptable with the specific exceptions and qualifications noted herein.

Regards

ATU.

Avery Hook Environmental Chemist / Data Validator

#### Page 1 of 2

#### Table 1

## Sample Collection and Analysis Summary Annual Groundwater Monitoring GMC Holdings - Site 255 GMCH - 1000 Lexington Avenue Rochester, New York September 2024

Analysis/Parameters

Sample Delivery Group	Sample Identification	Location	Matrix	Collection Date	Collection Time	VOCs	Comments
				(mm/dd/yyyy)	(hr:min)		
R2409596	020811-092624-0002	R-107	Water	09/26/2024	00:00	х	FD(R107-092624-0850)
	020811-092724-0002	SR-301	Water	09/27/2024	00:00	х	FD(SR301-092724-1205)
	DR105-092724-1505	DR-105	Water	09/27/2024	15:05	х	
	DR109-092624-1225	DR-109	Water	09/26/2024	12:25	Х	
	R101-092424-1205	R-101	Water	09/24/2024	12:05	Х	
	R107-092624-0850	R-107	Water	09/26/2024	08:50	х	
	R108-092524-1410	R-108	Water	09/25/2024	14:10	х	
	R109-092624-1405	R-109	Water	09/26/2024	14:05	Х	
	R301-092724-1110	R-301	Water	09/27/2024	11:10	х	
	R3-092424-1100	R-3	Water	09/24/2024	11:00	х	
	R401-092424-1505	R-401	Water	09/24/2024	15:05	х	
	R403-092524-0855	R-403	Water	09/25/2024	08:55	х	
	SR101-092424-1340	SR-101	Water	09/24/2024	13:40	х	MS/MSD
	SR107-092624-1010	SR-107	Water	09/26/2024	10:10	х	
	SR301-092724-1205	SR-301	Water	09/27/2024	12:05	х	
	020811-092424-0001	Trip Blank	Water	09/24/2024	-	Х	Trip Blank
	020811-092624-0001	Trip Blank	Water	09/26/2024	-	х	Trip Blank
	020811-092724-0001	Trip Blank	Water	09/27/2024	-	х	Trip Blank

### Sample Collection and Analysis Summary Annual Groundwater Monitoring GMC Holdings - Site 255 GMCH - 1000 Lexington Avenue Rochester, New York September 2024

Analysis/Parameters

Sample Delivery Group	Sample Identification	Location	Matrix	Collection Date	Collection Time	VOCs	Comments
				(mm/dd/yyyy)	(hr:min)		
R2409644	DR132-093024-1015	DR-132	Water	09/30/2024	10:15	Х	
	DR315-093024-0840	DR-315	Water	09/30/2024	08:40	Х	
	PZ113-093024-1140	PZ-113	Water	09/30/2024	11:40	Х	
	020811-093024-0002	Equipment Blank	Water	09/30/2024	12:00	Х	Equipment Blank
	020811-093024-0001	Trip Blank	Water	09/30/2024	-	Х	Trip Blank

#### Notes:

- FD Field Duplicate Sample of sample in parenthesis
- MS/MSD Matrix Spike/Matrix Spike Duplicate
- VOCs Volatile Organic Compounds
- "-" Not applicable

	Location ID:	DR-105	DR-109	DR-132	DR-315	PZ-113	R-3
Sa	ample Name:	DR105-092724-1505	DR109-092624-1225	DR132-093024-1015	DR315-093024-0840	PZ113-093024-1140	R3-092424-1100
٤	Sample Date:	09/27/2024	09/26/2024	09/30/2024	09/30/2024	09/30/2024	09/24/2024
Parameters	Unit						
Volatile Organic Compounds							
1,1,1-Trichloroethane	µg/L	10 U	1.0 U	1.0 U	1.0 U	10 U	R
1,1,2,2-Tetrachloroethane	µg/L	10 U	1.0 U	1.0 U	1.0 U	10 U	R
1,1,2-Trichloroethane	µg/L	10 U	1.0 U	1.0 U	1.0 U	10 U	R
1,1-Dichloroethane	µg/L	10 U	1.0 U	1.0 U	1.0 U	10 U	1.3 J-
1,1-Dichloroethene	µg/L	10 U	1.0 U	1.0 U	1.0 U	10 U	R
1,2,4-Trichlorobenzene	µg/L	10 U	1.0 U	1.0 U	1.0 U	10 U	R
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	20 U	2.0 U	2.0 U	2.0 U	20 U	R
1,2-Dibromoethane (Ethylene dibromide)	µg/L	10 U	1.0 U	1.0 U	1.0 U	10 U	R
1,2-Dichlorobenzene	µg/L	10 U	1.0 U	1.0 U	1.0 U	10 U	R
1,2-Dichloroethane	µg/L	10 U	1.0 U	1.0 U	1.0 U	10 U	R
1,2-Dichloropropane	µg/L	10 U	1.0 U	1.0 U	1.0 U	10 U	R
1,3-Dichlorobenzene	µg/L	10 U	1.0 U	1.0 U	1.0 U	10 U	R
1,4-Dichlorobenzene	µg/L	10 U	1.0 U	1.0 U	1.0 U	10 U	R
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	26 J	32	3.0 J	41	50 U	R
2-Hexanone	µg/L	50 U	4.2 J	5.0 U	2.1 J	50 U	R
4-Methyl-2-pentanone (Methyl isobutyl ketone	e) (MIBK) µg/L	50 U	0.64 J	5.0 U	0.70 J	50 U	R
Acetone	µg/L	150	190	5.0 U	140	50 U	R
Benzene	µg/L	3.3 J	5.7	3.3	120	10 U	R
Bromodichloromethane	µg/L	10 U	1.0 U	1.0 U	1.0 U	10 U	R
Bromoform	µg/L	10 U	1.0 U	1.0 U	1.0 U	10 U	R
Bromomethane (Methyl bromide)	µg/L	10 U	1.0 U	1.0 U	1.0 U	10 U	R

	Location ID:	DR-105	DR-109	DR-132	DR-315	PZ-113	R-3
	Sample Name:	DR105-092724-1505	DR109-092624-1225	DR132-093024-1015	DR315-093024-0840	PZ113-093024-1140	R3-092424-1100
	Sample Date:	09/27/2024	09/26/2024	09/30/2024	09/30/2024	09/30/2024	09/24/2024
Parameters	Unit						
Volatile Organic Compounds (Continue	ed)						
Carbon disulfide	μg/L	10 U	1.0 U	1.0 U	1.0 U	10 U	0.71 J-
Carbon tetrachloride	μg/L	10 U	1.0 U	1.0 U	1.0 U	10 U	R
Chlorobenzene	μg/L	10 U	1.0 U	1.0 U	1.0 U	10 U	R
Chloroethane	μg/L	10 U	1.0 U	1.0 U	1.0 U	10 U	R
Chloroform (Trichloromethane)	μg/L	10 U	1.0 U	1.0 U	1.0 U	10 U	R
Chloromethane (Methyl chloride)	μg/L	10 U	1.0 U	1.0 U	1.0 U	10 U	R
cis-1,2-Dichloroethene	μg/L	10 U	1.0 U	1.0 U	1.0 U	10 U	1.3 J-
cis-1,3-Dichloropropene	μg/L	10 U	1.0 U	1.0 U	1.0 U	10 U	R
Cyclohexane	µg/L	10 U	1.0 U	1.0 U	2.0	10 U	R
Dibromochloromethane	μg/L	10 U	1.0 U	1.0 U	1.0 U	10 U	R
Dichlorodifluoromethane (CFC-12)	µg/L	10 U	1.0 U	1.0 U	1.0 U	10 U	R
Ethylbenzene	µg/L	10 U	1.0 U	1.0 U	0.42 J	10 U	R
Isopropyl benzene	µg/L	10 U	1.0 U	1.0 U	1.0 U	10 U	R
Methyl acetate	µg/L	20 U	2.0 U	2.0 U	2.0 U	20 U	R
Methyl cyclohexane	µg/L	10 U	1.0 U	1.0 U	0.45 J	10 U	R
Methyl tert butyl ether (MTBE)	μg/L	10 U	1.0 U	1.0 U	1.0 U	10 U	R
Methylene chloride	µg/L	10 U	1.0 U	1.0 U	1.0 U	10 U	R
Styrene	µg/L	10 U	1.0 U	1.0 U	1.0 U	10 U	R
Tetrachloroethene	µg/L	10 U	1.0 U	1.0 U	1.0 U	10 U	R
Toluene	µg/L	10 U	1.2	0.91 J	8.5	10 U	R
trans-1,2-Dichloroethene	µg/L	10 U	1.0 U	1.0 U	1.0 U	10 U	R

	Location ID:	DR-105	DR-109	DR-132	DR-315	PZ-113	R-3
	Sample Name:	DR105-092724-1505	DR109-092624-1225	DR132-093024-1015	DR315-093024-0840	PZ113-093024-1140	R3-092424-1100
	Sample Date:	09/27/2024	09/26/2024	09/30/2024	09/30/2024	09/30/2024	09/24/2024
Parameters	Unit						
Volatile Organic Compounds (Continue	d)						
trans-1,3-Dichloropropene	µg/L	10 U	1.0 U	1.0 U	1.0 U	10 U	R
Trichloroethene	µg/L	10 U	1.0 U	1.0 U	1.0 U	10 U	R
Trichlorofluoromethane (CFC-11)	µg/L	10 U	1.0 U	1.0 U	1.0 U	10 U	R
Trifluorotrichloroethane (CFC-113)	µg/L	10 U	1.0 U	1.0 U	1.0 U	10 U	R
Vinyl chloride	µg/L	10 U	1.0 U	1.0 U	1.0 U	10 U	1.6 J-
Xylenes (total)	µg/L	30 U	3.0 U	1.0 J	1.8 J	30 U	R

	Location ID:	R-101	R-107	R-107	R-108	R-109	R-301
:	Sample Name:	R101-092424-1205	R107-092624-0850	020811-092624-0002	R108-092524-1410	R109-092624-1405	R301-092724-1110
	Sample Date:	09/24/2024	09/26/2024	09/26/2024 Duplicate	09/25/2024	09/26/2024	09/27/2024
Parameters	Unit						
Volatile Organic Compounds							
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	0.34 J	8.5	1.0 U
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Hexanone	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methyl-2-pentanone (Methyl isobutyl ketor	ne) (MIBK) µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	µg/L	0.47 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

	Location ID: Sample Name:	R-101 R101-092424-1205	R-107 R107-092624-0850	R-107 020811-092624-0002	R-108 R108-092524-1410	R-109 R109-092624-1405	R-301 R301-092724-1110
	Sample Date:	09/24/2024	09/26/2024	09/26/2024 Duplicate	09/25/2024	09/26/2024	09/27/2024
Parameters	Unit						
Volatile Organic Compounds (Continu	ed)						
Carbon disulfide	µg/L	1.0 U	1.0 U	1.0 U	0.83 J	1.0 U	1.0 U
Carbon tetrachloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	6.1	7.2	1.0 U
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	0.21 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Methyl cyclohexane	µg/L	0.45 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	0.59 J	1.0 U	1.0 U

	Location ID: Sample Name: Sample Date:	R-101 R101-092424-1205 09/24/2024	R-107 R107-092624-0850 09/26/2024	R-107 020811-092624-0002 09/26/2024 Duplicate	R-108 R108-092524-1410 09/25/2024	R-109 R109-092624-1405 09/26/2024	R-301 R301-092724-1110 09/27/2024
Parameters	Unit						
Volatile Organic Compounds (Continue	d)						
trans-1,3-Dichloropropene	μg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	μg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	μg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (CFC-113)	μg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	1.0 U	1.0 U	1.0 U	140	48	1.0 U
Xylenes (total)	µg/L	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U

	Location ID:	R-401	R-403	SR-101	SR-107	SR-301	SR-301
	Sample Name:	R401-092424-1505	R403-092524-0855	SR101-092424-1340	SR107-092624-1010	SR301-092724-1205	020811-092724-0002
	Sample Date:	09/24/2024	09/25/2024	09/24/2024	09/26/2024	09/27/2024	09/27/2024
							Duplicate
Devenuetore	11						
Parameters	UNI	L					
Volatile Organic Compounds							
1,1,1-Trichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/l	0.23 J	1.0 U	1.0 U	1.0 U	0.67 J	0.71 J
1,2,4-Trichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/l	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/l	0.22 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Hexanone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methyl-2-pentanone (Methyl isobutyl keto	one) (MIBK) µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	µg/l	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/l	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

	Location ID:	R-401	R-403	SR-101	SR-107	SR-301	SR-301
	Sample Name:	R401-092424-1505	R403-092524-0855	SR101-092424-1340	SR107-092624-1010	SR301-092724-1205	020811-092724-0002
	Sample Date:	09/24/2024	09/25/2024	09/24/2024	09/26/2024	09/27/2024	09/27/2024
							Duplicate
D	11						
Parameters	Unit						
Volatile Organic Compounds (Continue	ed)						
Carbon disulfide	μg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	μg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	μg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	μg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	μg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	μg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	μg/L	20	1.0 U	1.0 U	0.73 J	150	160
cis-1,3-Dichloropropene	μg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	μg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	μg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	μg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	μg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	μg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	μg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Methyl cyclohexane	μg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	μg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	μg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	μg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	μg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	μg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	0.35 J	1.0 U	1.0 U	1.0 U	0.54 J	0.56 J

#### Analytical Results Summary Annual Groundwater Monitoring GMC Holdings - Site 255 GMCH - 1000 Lexington Avenue Rochester, New York September 2024

	Location ID:	R-401	R-403	SR-101	SR-107	SR-301	SR-301
	Sample Name:	R401-092424-1505	5 R403-092524-0855	SR101-092424-1340	SR107-092624-1010	SR301-092724-1205	020811-092724-0002
	Sample Date:	09/24/2024	09/25/2024	09/24/2024	09/26/2024	09/27/2024	09/27/2024
							Duplicate
Parameters	Unit						
Volatile Organic Compounds (Continue	d)						
trans-1,3-Dichloropropene	μg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	μg/L	2.2	1.0 U	1.0 U	1.0 U	22	24
Trichlorofluoromethane (CFC-11)	μg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (CFC-113)	μg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	μg/L	7.6	0.33 J	1.0 U	0.74 J	5.5	5.4
Xylenes (total)	µg/L	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U

#### Notes:

U - Not detected at the associated reporting limit

J - Estimated concentration

J- - Estimated concentration; potentially low bias

R - Rejected

## Analytical Method Annual Groundwater Monitoring GMC Holdings - Site 255 GMCH - 1000 Lexington Avenue Rochester, New York September 2024

				Holding Time
				Collection
				to Analysis
Parameter	Method	Matrix	Preservation	(Days)
VOCs	SW-846 8260D	Groundwater	pH < 2 and Iced, 0-6 $^{\circ}$ C	14

Note:

VOCs - Volatile Organic Compounds

Method Reference:

SW-846 - "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", SW-846, Third Edition, 1986, with subsequent revisions

Qualified Sample Data Due To Sample Holding Time Violations Annual Groundwater Monitoring GMC Holdings - Site 255 GMCH - 1000 Lexington Avenue Rochester, New York September 2024

			Holding	Holding		
		Holding	Time		Qualified	
Parameter	Sample ID	Time	Criteria	Analyte	Result	Units
		(days)	(days)			
VOCs	R3-092424-1100	15	14	1,1,1-Trichloroethane	R	µg/L
				1,1,2,2-Tetrachloroethane	R	µg/L
				1,1,2-Trichloroethane	R	µg/L
				1,1-Dichloroethane	1.3 J-	µg/L
				1,1-Dichloroethene	R	µg/L
				1,2,4-Trichlorobenzene	R	µg/L
				1,2-Dibromo-3-chloropropane (DBCP)	R	µg/L
				1,2-Dibromoethane (Ethylene dibromide)	R	µg/L
				1,2-Dichlorobenzene	R	µg/L
				1,2-Dichloroethane	R	µg/L
				1,2-Dichloropropane	R	µg/L
				1,3-Dichlorobenzene	R	μg/L
				1,4-Dichlorobenzene	R	μg/L
				2-Butanone (Methyl ethyl ketone) (MEK)	R	μg/L
				2-Hexanone	R	µg/L
				4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	R	µg/L
				Acetone	R	µg/L
				Benzene	R	µg/L
				Bromodichloromethane	R	µg/L

Qualified Sample Data Due To Sample Holding Time Violations Annual Groundwater Monitoring GMC Holdings - Site 255 GMCH - 1000 Lexington Avenue Rochester, New York September 2024

			Holding			
		Holding	Time		Qualified	
Parameter	Sample ID	Time (days)	Criteria (days)	Analyte	Result	Units
			Bromomethane (Methyl bromide)	R	µg/L	
			Carbon disulfide	0.71 J-	µg/L	
			Carbon tetrachloride	R	µg/L	
			Chlorobenzene	R	μg/L	
			Chloroethane	R	μg/L	
			Chloroform (Trichloromethane)	R	µg/L	
			Chloromethane (Methyl chloride)	R	µg/L	
			cis-1,2-Dichloroethene	1.3 J-	µg/L	
			cis-1,3-Dichloropropene	R	µg/L	
			Cyclohexane	R	µg/L	
			Dibromochloromethane	R	µg/L	
			Dichlorodifluoromethane (CFC-12)	R	µg/L	
			Ethylbenzene	R	µg/L	
			Isopropyl benzene	R	µg/L	
			Methyl acetate	R	µg/L	
			Methyl cyclohexane	R	µg/L	
			Methyl tert butyl ether (MTBE)	R	µg/L	
			Methylene chloride	R	µg/L	

Qualified Sample Data Due To Sample Holding Time Violations Annual Groundwater Monitoring GMC Holdings - Site 255 GMCH - 1000 Lexington Avenue Rochester, New York September 2024

		Holding	Holding Time		Qualified	
Parameter	Sample ID	Time (days)	Criteria (days)	Analyte	Result	Units
VOCs	R3-092424-1100	15	14	Styrene	R	μg/L
				Tetrachloroethene	R	µg/L
				Toluene	R	µg/L
				trans-1,2-Dichloroethene	R	µg/L
				trans-1,3-Dichloropropene	R	µg/L
				Trichloroethene	R	μg/L
				Trichlorofluoromethane (CFC-11)	R	µg/L
				Trifluorotrichloroethane (CFC-113)	R	µg/L
				Vinyl chloride	1.6 J-	µg/L
				Xylenes (total)	R	µg/L

Notes:

J- - Estimated concentration; potentially low bias

R - Rejected

VOCs - Volatile Organic Compounds