



HALEY & ALDRICH OF NEW YORK
200 Town Centre Drive
Suite 2
Rochester, NY 14623
585.359.9000

19 December 2023
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 – October and November 2023
Delphi Automotive Systems NYSDEC Site No. 828064
1000 Lexington Avenue
Rochester, New York 14606

Dear Mr. Ramsey:

Haley & Aldrich of New York (Haley & Aldrich) 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 October through 30 November 2023.

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 AWTA oil/water separator (OWS) and foundation pump system was shut down due to a failure of the OWS transfer pump seal, the system remains shut down pending receipt of the replacement transfer pump.
- The EWTA GRTS was shut down to evaluate the integrity of the groundwater recovery well (GR-3 and GR-4) oil/water separator (OWS) on 3 November 2023 and remained off-line until 15 November 2023.

SAMPLING/TESTING RESULTS DURING REPORTING PERIOD

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: 25,000 gallons
- North Parking Lot MCT: 1,172,000 gallons

The total volume of LNAPL recovered from the automated LNAPL recovery systems and the manual LNAPL recovery efforts on 24 October and 30 November from the existing monitoring wells was approximately 70 gallons. The recovered LNAPL was placed within satellite collection drums for disposal by the Facility.

The Community Air Monitoring Program (CAMP) monitors were operated upwind and downwind of the excavated soil stockpiles during the removal of the materials for off-site disposal from 14 through 16 November 2023. Charts of the monitor readings are attached to the report for your information. All readings were below the action levels with one exception:

- From 11:00 AM to 12:00 PM on 16 November 2023, the downwind monitoring station recorded a maximum reading of 0.153 mg/m³. The upwind monitoring station measured 0.042 mg/m³ during this time 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. The laboratory reports are attached for your information.

REPORTS AND DELIVERABLES

The approval of the Contained-In Determination for the excavated soils associated with the Building 1 floor replacement project was received from the Department in a letter dated 1 November 2023. The data validation report for the groundwater sampling conducted in July 2023 was prepared by the GHD data management team. Copies of the letter and report are attached for your information.

Future project activities anticipated include:

- The continued operation of the EWTA GRTS, Building 1 SSDS, automated LNAPL recovery systems and the North Parking Lot groundwater MCT,
- The installation of the replacement pump for the AWTA OWS system and the evaluation of the foundation sump pump to enable the re-start of the Bldg. 22 LNAPL recovery system,
- The collection of sewer discharge monitoring samples for compliance with the facility's sewer use permit, and

- The manual recovery of LNAPL from the existing monitoring wells with recoverable quantities of LNAPL present.

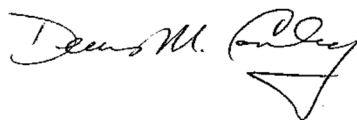
CLOSING

If you have any questions concerning this information, please do not hesitate to contact us via electronic mail at dconley@haleyaldrich.com or cmondello@haleyaldrich.com or at 585-359-9000.

Sincerely yours,
HALEY & ALDRICH OF NEW YORK



Claire L. Mondello, CHMM
Program Manager



Denis M. Conley
Senior Associate

Attachments:

Wastewater Analytical Data Reports: October 10/16/23; 11/3/23; 11/15/23
CAMP Monitor Charts: 14-16 November 2023
GHD Data Usability Report – July 2023 Groundwater Sampling Event
Contained-In Determination Request Approval Letter – 1 November 2023

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

G:\127982_GMCH Lexington\Remedial Action Order\Monthly Reports\Oct-Nov 2023\report.828064.2023_1219_Progress Report_Oct-Nov 2023_F.docx



PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report For
GM Components Holdings, LLC

For Lab Project ID

234853

Referencing

GMCH North Side GW Monitoring

Prepared

Monday, October 23, 2023

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

A handwritten signature in cursive script, reading "Emily Faumen", is positioned above a horizontal line.

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, October 23, 2023

Page 1 of 7



Lab Project ID: 234853

Client: **GM Components Holdings, LLC**

Project Reference: GMCH North Side GW Monitoring

Sample Identifier: Groundwater North Side (Combined)

Lab Sample ID: 234853-01

Date Sampled: 10/16/2023 14:35

Matrix: Wastewater

Date Received 10/17/2023

PCBs

Analyte	Result	Units	Qualifier	Date Analyzed
PCB-1016	< 0.100	ug/L		10/20/2023 08:13
PCB-1221	< 0.100	ug/L		10/20/2023 08:13
PCB-1232	< 0.100	ug/L		10/20/2023 08:13
PCB-1242	< 0.100	ug/L		10/20/2023 08:13
PCB-1248	< 0.100	ug/L		10/20/2023 08:13
PCB-1254	< 0.100	ug/L		10/20/2023 08:13
PCB-1260	< 0.100	ug/L		10/20/2023 08:13

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
Tetrachloro-m-xylene	46.4	10 - 122		10/20/2023 08:13

Method Reference(s): EPA 608.3

Preparation Date: 10/18/2023

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 4.00	ug/L		10/18/2023 19:04
1,1,2,2-Tetrachloroethane	< 4.00	ug/L		10/18/2023 19:04
1,1,2-Trichloroethane	< 4.00	ug/L		10/18/2023 19:04
1,1-Dichloroethane	< 4.00	ug/L		10/18/2023 19:04
1,1-Dichloroethene	< 4.00	ug/L		10/18/2023 19:04
1,2-Dichlorobenzene	< 4.00	ug/L		10/18/2023 19:04
1,2-Dichloroethane	< 4.00	ug/L		10/18/2023 19:04
1,2-Dichloropropane	< 4.00	ug/L		10/18/2023 19:04
1,3-Dichlorobenzene	< 4.00	ug/L		10/18/2023 19:04
1,4-Dichlorobenzene	< 4.00	ug/L		10/18/2023 19:04
2-Chloroethyl vinyl Ether	< 10.0	ug/L		10/18/2023 19:04
Benzene	< 2.00	ug/L		10/18/2023 19:04
Bromodichloromethane	< 4.00	ug/L		10/18/2023 19:04
Bromoform	< 10.0	ug/L		10/18/2023 19:04

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Lab Project ID: 234853
Client: **GM Components Holdings, LLC**
Project Reference: GMCH North Side GW Monitoring

Sample Identifier: Groundwater North Side (Combined)

Lab Sample ID: 234853-01

Date Sampled: 10/16/2023 14:35

Matrix: Wastewater

Date Received 10/17/2023

Bromomethane	< 4.00	ug/L	10/18/2023 19:04
Carbon Tetrachloride	< 4.00	ug/L	10/18/2023 19:04
Chlorobenzene	< 4.00	ug/L	10/18/2023 19:04
Chloroethane	< 4.00	ug/L	10/18/2023 19:04
Chloroform	< 4.00	ug/L	10/18/2023 19:04
Chloromethane	< 4.00	ug/L	10/18/2023 19:04
cis-1,2-Dichloroethene	12.8	ug/L	10/18/2023 19:04
cis-1,3-Dichloropropene	< 4.00	ug/L	10/18/2023 19:04
Dibromochloromethane	< 4.00	ug/L	10/18/2023 19:04
Ethylbenzene	< 4.00	ug/L	10/18/2023 19:04
Methylene chloride	< 10.0	ug/L	10/18/2023 19:04
Tetrachloroethene	< 4.00	ug/L	10/18/2023 19:04
Toluene	< 4.00	ug/L	10/18/2023 19:04
trans-1,2-Dichloroethene	< 4.00	ug/L	10/18/2023 19:04
trans-1,3-Dichloropropene	< 4.00	ug/L	10/18/2023 19:04
Trichloroethene	< 4.00	ug/L	10/18/2023 19:04
Trichlorofluoromethane	< 4.00	ug/L	10/18/2023 19:04
Vinyl chloride	333	ug/L	10/18/2023 19:04
Surrogate	Percent Recovery	Limits	Outliers Date Analyzed
1,2-Dichloroethane-d4	102	79.7 - 118	10/18/2023 19:04
4-Bromofluorobenzene	90.8	80.1 - 112	10/18/2023 19:04
Pentafluorobenzene	99.5	88 - 115	10/18/2023 19:04
Toluene-D8	99.3	88.2 - 113	10/18/2023 19:04

Method Reference(s): EPA 624.1

Data File: z20359.D

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.

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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.

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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.

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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 will 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.

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REQUESTED ANALYSIS

dconley@haleyaldrich.com

Received By,	Date/Time	P.L.F.
Samuel H. Neta	10/10/23	15/11
Received @ Lab By	Date/Time	
18°C in field	10/10/23	15/14

By signing this form, client agrees to Paradigm Terms and Conditions (reverse).

2062



Chain of Custody Supplement

Client: GAMCH
 Lab Project ID: 234853

Completed by: Glen Perzulo
 Date: 10/16/23

Sample Condition Requirements

Per NELAC/ELAP 210/241/242/243/244

Condition	<i>NELAC compliance with the sample condition requirements upon receipt</i>		
	Yes	No	N/A
Container Type	☒	☐	☐
Comments			
Transferred to method-compliant container	☐	☐	☒
Headspace (<1 mL)	☐	☐	☒
Comments			
Preservation	☐	☐	☒
Comments			
Chlorine Absent (<0.10 ppm per test strip)	☒	☐	☒
Comments	<u>604 VOA: C1 neg -</u>		
Holding Time	☒	☐	☐
Comments			
Temperature	☒	☐	☐
Comments	<u>18°C iced in field</u>		
Compliant Sample Quantity/Type	☒	☐	☐
Comments			



PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report For
GM Components Holdings, LLC

For Lab Project ID

235162

Referencing

GMCH East Side GW Monitoring

Prepared

Friday, November 10, 2023

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

Emily Faumen

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

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Report Prepared Friday, November 10, 2023



Lab Project ID: 235162

Client: GM Components Holdings, LLC

Project Reference: GMCH East Side GW Monitoring

Sample Identifier: Groundwater East Side

Lab Sample ID: 235162-01

Date Sampled: 11/3/2023 14:10

Matrix: Wastewater

Date Received 11/3/2023

Oil and Grease

Analyte	Result	Units	Qualifier	Date Analyzed
Oil & Grease, Total Recoverable	<4.8	mg/L		11/8/2023
Method Reference(s): EPA 1664A				
Subcontractor ELAP ID: 10709				

PCBs

Analyte	Result	Units	Qualifier	Date Analyzed
PCB-1016	< 0.100	ug/L		11/6/2023 13:05
PCB-1221	< 0.100	ug/L		11/6/2023 13:05
PCB-1232	< 0.100	ug/L		11/6/2023 13:05
PCB-1242	< 0.100	ug/L		11/6/2023 13:05
PCB-1248	< 0.100	ug/L		11/6/2023 13:05
PCB-1254	< 0.100	ug/L		11/6/2023 13:05
PCB-1260	< 0.100	ug/L		11/6/2023 13:05

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
Tetrachloro-m-xylene	69.1	10 - 122		11/6/2023 13:05
Method Reference(s): EPA 608.3				
Preparation Date: 11/6/2023				

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		11/8/2023 15:27
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		11/8/2023 15:27
1,1,2-Trichloroethane	< 2.00	ug/L		11/8/2023 15:27
1,1-Dichloroethane	< 2.00	ug/L		11/8/2023 15:27
1,1-Dichloroethene	< 2.00	ug/L		11/8/2023 15:27
1,2-Dichlorobenzene	< 2.00	ug/L		11/8/2023 15:27
1,2-Dichloroethane	< 2.00	ug/L		11/8/2023 15:27
1,2-Dichloropropane	< 2.00	ug/L		11/8/2023 15:27
1,3-Dichlorobenzene	< 2.00	ug/L		11/8/2023 15:27

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Lab Project ID: 235162

Client: **GM Components Holdings, LLC**

Project Reference: GMCH East Side GW Monitoring

Sample Identifier: Groundwater East Side

Lab Sample ID: 235162-01

Date Sampled: 11/3/2023 14:10

Matrix: Wastewater

Date Received 11/3/2023

1,4-Dichlorobenzene	< 2.00	ug/L	11/8/2023 15:27
2-Chloroethyl vinyl Ether	< 5.00	ug/L	11/8/2023 15:27
Benzene	< 1.00	ug/L	11/8/2023 15:27
Bromodichloromethane	< 2.00	ug/L	11/8/2023 15:27
Bromoform	< 5.00	ug/L	11/8/2023 15:27
Bromomethane	< 2.00	ug/L	11/8/2023 15:27
Carbon Tetrachloride	< 2.00	ug/L	11/8/2023 15:27
Chlorobenzene	< 2.00	ug/L	11/8/2023 15:27
Chloroethane	< 2.00	ug/L	11/8/2023 15:27
Chloroform	< 2.00	ug/L	11/8/2023 15:27
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Ethylbenzene	< 2.00	ug/L	11/8/2023 15:27
Methylene chloride	< 5.00	ug/L	11/8/2023 15:27
Tetrachloroethene	< 2.00	ug/L	11/8/2023 15:27
Toluene	< 2.00	ug/L	11/8/2023 15:27
trans-1,2-Dichloroethene	< 2.00	ug/L	11/8/2023 15:27
trans-1,3-Dichloropropene	< 2.00	ug/L	11/8/2023 15:27
Trichloroethene	< 2.00	ug/L	11/8/2023 15:27
Trichlorofluoromethane	< 2.00	ug/L	11/8/2023 15:27
Vinyl chloride	< 2.00	ug/L	11/8/2023 15:27

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
1,2-Dichloroethane-d4	101	79.7 - 118		11/8/2023 15:27
4-Bromofluorobenzene	94.2	80.1 - 112		11/8/2023 15:27
Pentafluorobenzene	101	88 - 115		11/8/2023 15:27
Toluene-D8	99.1	88.2 - 113		11/8/2023 15:27

Method Reference(s): EPA 624.1

Data File: z20898.D

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

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Report Prepared Friday, November 10, 2023



Analytical Report Appendix

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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.

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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.

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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 will 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.

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.

REQUESTED ANALYSIS

email results to Denis Conley
dconley@haleyaldrich.com



Chain of Custody Supplement

Client: GMCH Completed by: [Signature]
Lab Project ID: 2351102 Date: 11/3/2023

Sample Condition Requirements

Per NELAC/ELAP 210/241/242/243/244

Condition	NELAC compliance with the sample condition requirements upon receipt		
	Yes	No	N/A
Container Type	☒	☐	☐
Comments			
Transferred to method-compliant container	☐	☐	☒
Headspace (<1 mL)	☒ 624	☐	☒
Comments			
Preservation	☒ 066 per label 624 per label	☐	☒ PCB
Comments			
Chlorine Absent (<0.10 ppm per test strip)	☒ 608	☐	☒
Comments	✓ 624: Cl - neg.		
Holding Time	☒	☐	☐
Comments			
Temperature	☒	☐	☐
Comments	15°C field in field		
Compliant Sample Quantity/Type	☒	☐	☐
Comments			



1



PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report For
GM Components Holdings, LLC

For Lab Project ID

235347

Referencing

GMCH East Side GW Monitoring

Prepared

Tuesday, November 21, 2023

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

Emily Faumen

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

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Report Prepared Tuesday, November 21, 2023

Page 1 of 8



Lab Project ID: 235347

Client: **GM Components Holdings, LLC**

Project Reference: GMCH East Side GW Monitoring

Sample Identifier: Groundwater East Side

Lab Sample ID: 235347-01

Date Sampled: 11/15/2023 14:24

Matrix: Wastewater

Date Received 11/16/2023

Oil and Grease

Analyte	Result	Units	Qualifier	Date Analyzed
Oil & Grease, Total Recoverable	<4.8	mg/L	L	11/17/2023
Method Reference(s):	EPA 1664A			
Subcontractor ELAP ID:	10709			

PCBs

Analyte	Result	Units	Qualifier	Date Analyzed
PCB-1016	< 0.100	ug/L		11/17/2023 16:42
PCB-1221	< 0.100	ug/L		11/17/2023 16:42
PCB-1232	< 0.100	ug/L		11/17/2023 16:42
PCB-1242	< 0.100	ug/L		11/17/2023 16:42
PCB-1248	< 0.100	ug/L		11/17/2023 16:42
PCB-1254	< 0.100	ug/L		11/17/2023 16:42
PCB-1260	< 0.100	ug/L		11/17/2023 16:42

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
Tetrachloro-m-xylene	22.4	10 - 122		11/17/2023 16:42
Method Reference(s):	EPA 608.3			
Preparation Date:	11/17/2023			

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		11/17/2023 18:59
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		11/17/2023 18:59
1,1,2-Trichloroethane	< 2.00	ug/L		11/17/2023 18:59
1,1-Dichloroethane	< 2.00	ug/L		11/17/2023 18:59
1,1-Dichloroethene	< 2.00	ug/L		11/17/2023 18:59
1,2-Dichlorobenzene	< 2.00	ug/L		11/17/2023 18:59
1,2-Dichloroethane	< 2.00	ug/L		11/17/2023 18:59
1,2-Dichloropropane	< 2.00	ug/L		11/17/2023 18:59
1,3-Dichlorobenzene	< 2.00	ug/L		11/17/2023 18:59

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Client: **GM Components Holdings, LLC**

Project Reference: GMCH East Side GW Monitoring

Sample Identifier: Groundwater East Side

Lab Sample ID: 235347-01

Date Sampled: 11/15/2023 14:24

Matrix: Wastewater

Date Received 11/16/2023

1,4-Dichlorobenzene	< 2.00	ug/L	11/17/2023 18:59
2-Chloroethyl vinyl Ether	< 5.00	ug/L	11/17/2023 18:59
Benzene	< 1.00	ug/L	11/17/2023 18:59
Bromodichloromethane	< 2.00	ug/L	11/17/2023 18:59
Bromoform	< 5.00	ug/L	11/17/2023 18:59
Bromomethane	< 2.00	ug/L	11/17/2023 18:59
Carbon Tetrachloride	< 2.00	ug/L	11/17/2023 18:59
Chlorobenzene	< 2.00	ug/L	11/17/2023 18:59
Chloroethane	< 2.00	ug/L	11/17/2023 18:59
Chloroform	< 2.00	ug/L	11/17/2023 18:59
Chloromethane	< 2.00	ug/L	11/17/2023 18:59
cis-1,2-Dichloroethene	< 2.00	ug/L	11/17/2023 18:59
cis-1,3-Dichloropropene	< 2.00	ug/L	11/17/2023 18:59
Dibromochloromethane	< 2.00	ug/L	11/17/2023 18:59
Ethylbenzene	< 2.00	ug/L	11/17/2023 18:59
Methylene chloride	< 5.00	ug/L	11/17/2023 18:59
Tetrachloroethene	< 2.00	ug/L	11/17/2023 18:59
Toluene	< 2.00	ug/L	11/17/2023 18:59
trans-1,2-Dichloroethene	< 2.00	ug/L	11/17/2023 18:59
trans-1,3-Dichloropropene	< 2.00	ug/L	11/17/2023 18:59
Trichloroethene	< 2.00	ug/L	11/17/2023 18:59
Trichlorofluoromethane	< 2.00	ug/L	11/17/2023 18:59
Vinyl chloride	< 2.00	ug/L	11/17/2023 18:59

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
1,2-Dichloroethane-d4	97.0	79.7 - 118		11/17/2023 18:59
4-Bromofluorobenzene	90.4	80.1 - 112		11/17/2023 18:59
Pentafluorobenzene	106	88 - 115		11/17/2023 18:59
Toluene-D8	98.8	88.2 - 113		11/17/2023 18:59

Method Reference(s): EPA 624.1

Data File: z21149.D

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

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Analytical Report Appendix

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

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

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

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

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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.

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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.

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PARADIGM
EXPERIMENTAL RESEARCH, INC.

Received By	Date/Time	P.L.F.
Sumu Thapa	11/15/23	1940
Received @ Lab By	Date/Time	
Wesley Ford	@ 1544	11/15/2023

By signing this form, client agrees to Paradigm Terms and Conditions (reverse).

2042



Chain of Custody Supplement

Client:

GMCH

Completed by:

Curtis G. Gifford

Lab Project ID:

235347

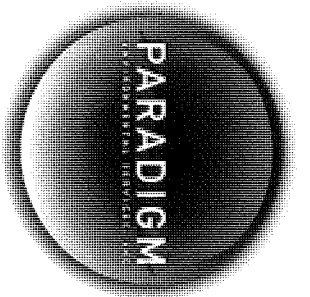
Date:

11/15/2023

Sample Condition Requirements

Per NELAC/ELAP 210/241/242/243/244

Condition	Yes	No	N/A
Container Type	☒	☐	☐
Comments			
Transferred to method-compliant container	☐	☐	☒
Headspace (<1 mL)	☒ V624	☐	☒
Comments			
Preservation	☒	☐	☒ 608
Comments	086 and V624 preserved per label		
Chlorine Absent (<0.10 ppm per test strip)	☒ 608	☐	☒
Comments	V624: Cl- neg.		
Holding Time	☒	☐	☐
Comments			
Temperature	☒	☐	☐
Comments	15°C Ice in Field		
Compliant Sample Quantity/Type	☒	☐	☐
Comments			



179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

CHAIN OF CUSTODY

231116013

1070

REPORT TO:

INVOICE TO:

COMPANY:	Paradigm Environmental	COMPANY:	Same	LAB PROJECT #:		CLIENT PROJECT #:	
ADDRESS:	179 Lake Ave	ADDRESS:					
CITY:	Rochester	CITY:		TURNAROUND TIME: (WORKING DAYS)			
STATE:	NY	STATE:					
ZIP:	14608	ZIP:					
PHONE:	585-647-2530	PHONE:					
FAX:		FAX:					

PROJECT NAME/SITE NAME:	ATN:	Reporting	ATN:	Accounts Payable	Due Date:	11/27/2022
COMMENTS:	Please email results to reporting@paradigmenv.com					

REQUESTED ANALYSIS

DATE	TIME	C O M P O S I T E	G R A B	SAMPLE LOCATION/FIELD ID	M A T R I X	C O N T A I N E R S	Oil & Grease (H2SO4)	REMARKS	PARADIGM LAB SAMPLE NUMBER
11/15/2023	1424		X	Groundwater East Side	WW	1	X	235347-01	
2									
3									
4									
5									
6									
7									
8									
9									
10									

LAB USE ONLY BELOW THIS LINE

Sample Condition: Per NELAC IELAP 210/241/242/243/244

Receipt Parameter

NELAC Compliance

Comments:	Container Type:	Y ☐	N ☐
Comments:	Preservation:	Y ☐	N ☐
Comments:	Holding Time:	Y ☐	N ☐
Comments:	Temperature:	Y ☐	N ☐

Sampled By	Date/Time	Total Cost
Relinquished By	Date/Time	
Received By	Date/Time	P.I.F.
Received @ Lab By	Date/Time	





PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report For
GM Components Holdings, LLC

For Lab Project ID

235348

Referencing

GMCH North Side GW Monitoring

Prepared

Wednesday, November 22, 2023

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

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Report Prepared Wednesday, November 22, 2023

Page 1 of 9



Lab Project ID: 235348

Client: GM Components Holdings, LLC

Project Reference: GMCH North Side GW Monitoring

Sample Identifier: Groundwater North Side (Combined)

Lab Sample ID: 235348-01

Date Sampled: 11/15/2023 13:49

Matrix: Wastewater

Date Received 11/17/2023

PCBs

Analyte	Result	Units	Qualifier	Date Analyzed
PCB-1016	< 0.0958	ug/L	L	11/21/2023 14:56
PCB-1221	< 0.0958	ug/L		11/21/2023 14:56
PCB-1232	< 0.0958	ug/L		11/21/2023 14:56
PCB-1242	< 0.0958	ug/L		11/21/2023 14:56
PCB-1248	< 0.0958	ug/L		11/21/2023 14:56
PCB-1254	< 0.0958	ug/L		11/21/2023 14:56
PCB-1260	< 0.0958	ug/L		11/21/2023 14:56

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
Tetrachloro-m-xylene	52.2	10 - 122		11/21/2023 14:56

Method Reference(s): EPA 608.3
Preparation Date: 11/21/2023

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 4.00	ug/L		11/17/2023 19:19
1,1,2,2-Tetrachloroethane	< 4.00	ug/L		11/17/2023 19:19
1,1,2-Trichloroethane	< 4.00	ug/L		11/17/2023 19:19
1,1-Dichloroethane	< 4.00	ug/L		11/17/2023 19:19
1,1-Dichloroethene	< 4.00	ug/L		11/17/2023 19:19
1,2-Dichlorobenzene	< 4.00	ug/L		11/17/2023 19:19
1,2-Dichloroethane	< 4.00	ug/L		11/17/2023 19:19
1,2-Dichloropropane	< 4.00	ug/L		11/17/2023 19:19
1,3-Dichlorobenzene	< 4.00	ug/L		11/17/2023 19:19
1,4-Dichlorobenzene	< 4.00	ug/L		11/17/2023 19:19
2-Chloroethyl vinyl Ether	< 10.0	ug/L		11/17/2023 19:19
Benzene	< 2.00	ug/L		11/17/2023 19:19
Bromodichloromethane	< 4.00	ug/L		11/17/2023 19:19
Bromoform	< 10.0	ug/L		11/17/2023 19:19

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.

Lab Project ID: 235348
Client: **GM Components Holdings, LLC**
Project Reference: GMCH North Side GW Monitoring

Sample Identifier: Groundwater North Side (Combined)

Lab Sample ID: 235348-01

Date Sampled: 11/15/2023 13:49

Matrix: Wastewater

Date Received 11/17/2023

Bromomethane	< 4.00	ug/L	11/17/2023 19:19
Carbon Tetrachloride	< 4.00	ug/L	11/17/2023 19:19
Chlorobenzene	< 4.00	ug/L	11/17/2023 19:19
Chloroethane	< 4.00	ug/L	11/17/2023 19:19
Chloroform	< 4.00	ug/L	11/17/2023 19:19
Chloromethane	< 4.00	ug/L	11/17/2023 19:19
cis-1,2-Dichloroethene	13.0	ug/L	11/17/2023 19:19
cis-1,3-Dichloropropene	< 4.00	ug/L	11/17/2023 19:19
Dibromochloromethane	< 4.00	ug/L	11/17/2023 19:19
Ethylbenzene	< 4.00	ug/L	11/17/2023 19:19
Methylene chloride	< 10.0	ug/L	11/17/2023 19:19
Tetrachloroethene	< 4.00	ug/L	11/17/2023 19:19
Toluene	< 4.00	ug/L	11/17/2023 19:19
trans-1,2-Dichloroethene	< 4.00	ug/L	11/17/2023 19:19
trans-1,3-Dichloropropene	< 4.00	ug/L	11/17/2023 19:19
Trichloroethene	< 4.00	ug/L	11/17/2023 19:19
Trichlorofluoromethane	< 4.00	ug/L	11/17/2023 19:19
Vinyl chloride	337	ug/L	11/17/2023 19:19

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
1,2-Dichloroethane-d4	98.9	79.7 - 118		11/17/2023 19:19
4-Bromofluorobenzene	94.5	80.1 - 112		11/17/2023 19:19
Pentafluorobenzene	104	88 - 115		11/17/2023 19:19
Toluene-D8	97.6	88.2 - 113		11/17/2023 19:19

Method Reference(s): EPA 624.1

Data File: z21150.D

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



Method Blank Report

Client: GM Components Holdings, LLC
Project Reference: GMCH North Side GW Monitoring
Lab Project ID: 235348
Matrix: Wastewater

PCBs

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>	
PCB-1016	<0.100	ug/L		11/21/2023	14:33
PCB-1221	<0.100	ug/L		11/21/2023	14:33
PCB-1232	<0.100	ug/L		11/21/2023	14:33
PCB-1242	<0.100	ug/L		11/21/2023	14:33
PCB-1248	<0.100	ug/L		11/21/2023	14:33
PCB-1254	<0.100	ug/L		11/21/2023	14:33
PCB-1260	<0.100	ug/L		11/21/2023	14:33

<u>Surrogate</u>	<u>Percent Recovery</u>	<u>Limits</u>	<u>Outliers</u>	<u>Date Analyzed</u>	
Tetrachloro-m-xylene	54.8	10 - 122		11/21/2023	14:33
Method Reference(s): EPA 608.3					
Preparation Date: 11/21/2023					
QC Batch ID: QC231121PCB608					
QC Number: Blk 1					



PARADIGM
ENVIRONMENTAL SERVICES, INC.

QC Report for Laboratory Control Sample

Client: **GM Components Holdings, LLC**

Project Reference: GMCH North Side GW Monitoring

Lab Project ID: 235348

Matrix: Wastewater

PCBs

Analyte	Spike Added	Spike Units	LCS Result	LCS % Recovery	% Rec Limits	LCS Outliers	Date Analyzed
PCB-1016	0.500	ug/L	0.222	44.3	50 - 140	*	11/21/2023
PCB-1260	0.500	ug/L	0.142	28.5	8 - 140		11/21/2023
Method Reference(s): EPA 608.3							
Preparation Date: 11/21/2023							
QC Number: LCS 1							
QC Batch ID: QC231121PCB608							

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.



Analytical Report Appendix

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

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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.

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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 will 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.

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See additional page for sample conditions.



Chain of Custody Supplement

Client:

GMCU

Completed by:

Lab Project ID:

2353 #8

Date:

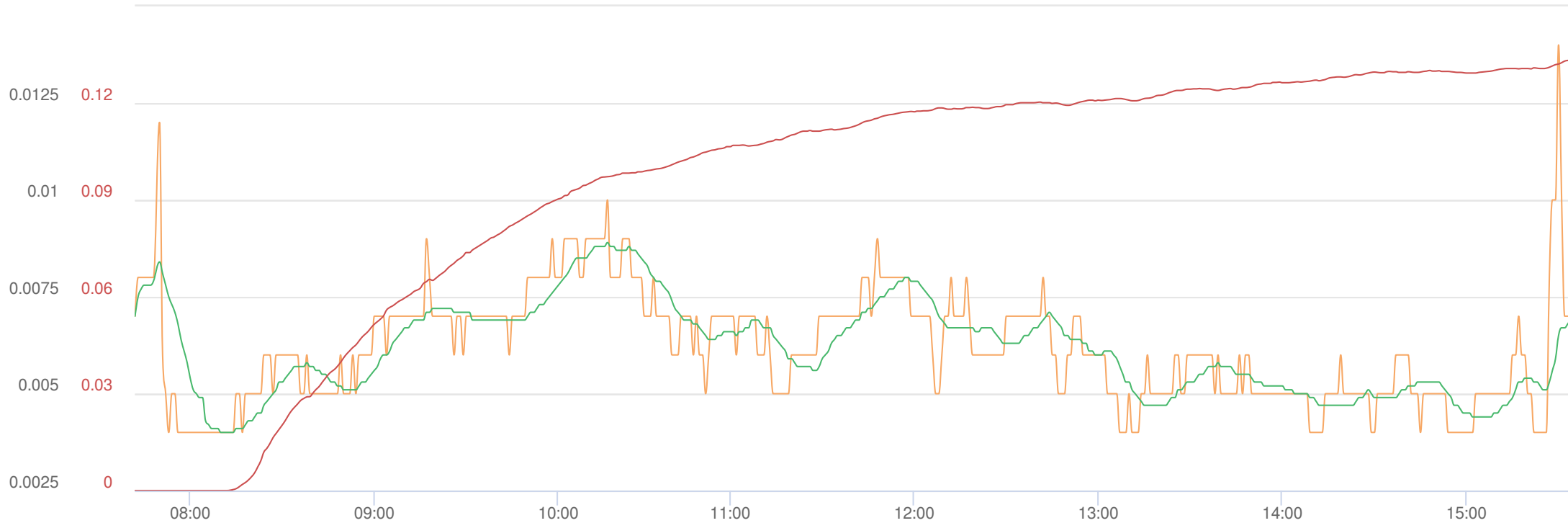
11/15/2023

Sample Condition Requirements

Per NELAC/ELAP 210/241/242/243/244

Condition	Yes	No	N/A
Container Type	☒	☐	☐
Comments			
Transferred to method-compliant container	☐	☐	☒
Headspace (<1 mL)	☒ V624	☐	☒
Comments			
Preservation	☒ V624 (per label)	☐	☒ 608
Comments			
Chlorine Absent (<0.10 ppm per test strip)	☒ 608	☐	☐
Comments	V624: Cl ⁻ neg.		
Holding Time	☒	☐	☐
Comments			
Temperature	☒	☐	☐
Comments	15°C Fied in field		
Compliant Sample Quantity/Type	☒	☐	☐
Comments			

Tue, 14th of Nov 2023, 0:00:00 – 15:52:45
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³

DustTrak-8530
RS232(C)

MIN

0.004

AVG

0.006

MAX

0.014

Mass Conc. Total mg/m³ AVG 15m

DustTrak-8530
RS232(C)

MIN

0.004

AVG

0.0061

MAX

0.0089

VOC ppm AVG 15m ppm

miniRAE 3000
RS232(A)

MIN

0

AVG

0.0951

MAX

0.1333

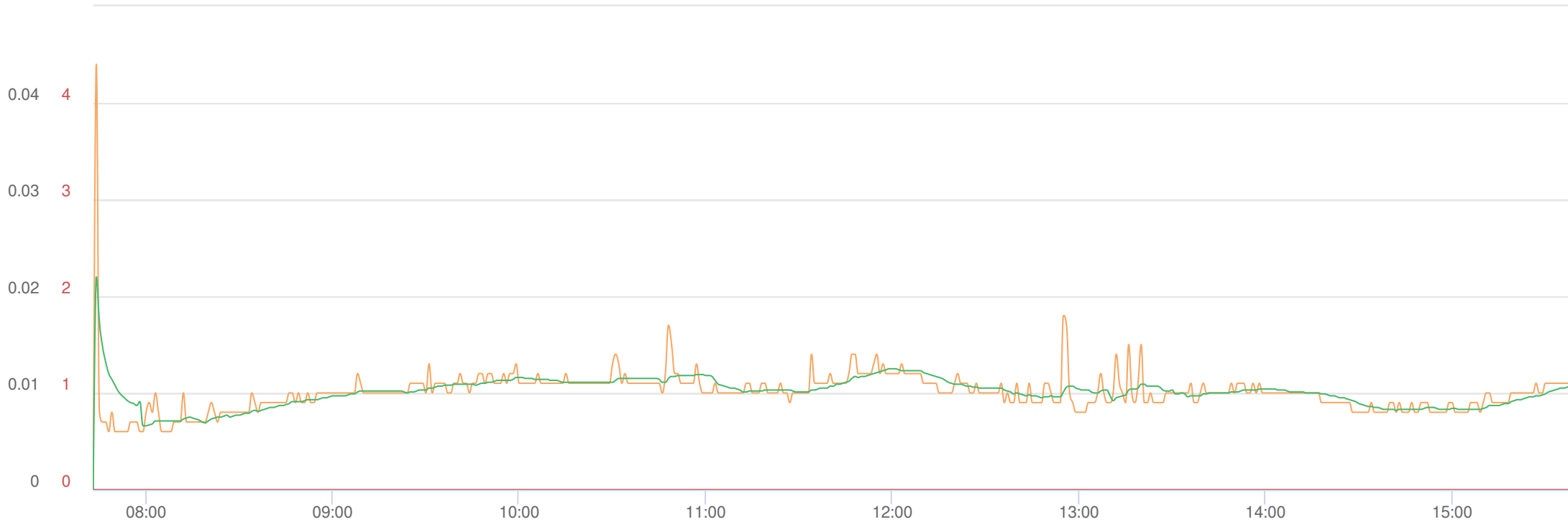
Name H&A Roc #1 (FA05630)

S/N 2B240233

Description FA05630

Location 1000 Lexington Ave,
Rochester, NY 14606,
USA

Tue, 14th of Nov 2023, 0:00:00 – 15:53:43
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³

DustTrak-8530
RS232(C)

MIN

0

AVG

0.01

MAX

0.044

Mass Conc. Total mg/m³ AVG 15m

mg/m³
DustTrak-8530
RS232(C)

MIN

0

AVG

0.0101

MAX

0.022

VOC ppm AVG 15m ppm

miniRAE 3000
RS232(A)

MIN

0

AVG

0

MAX

0

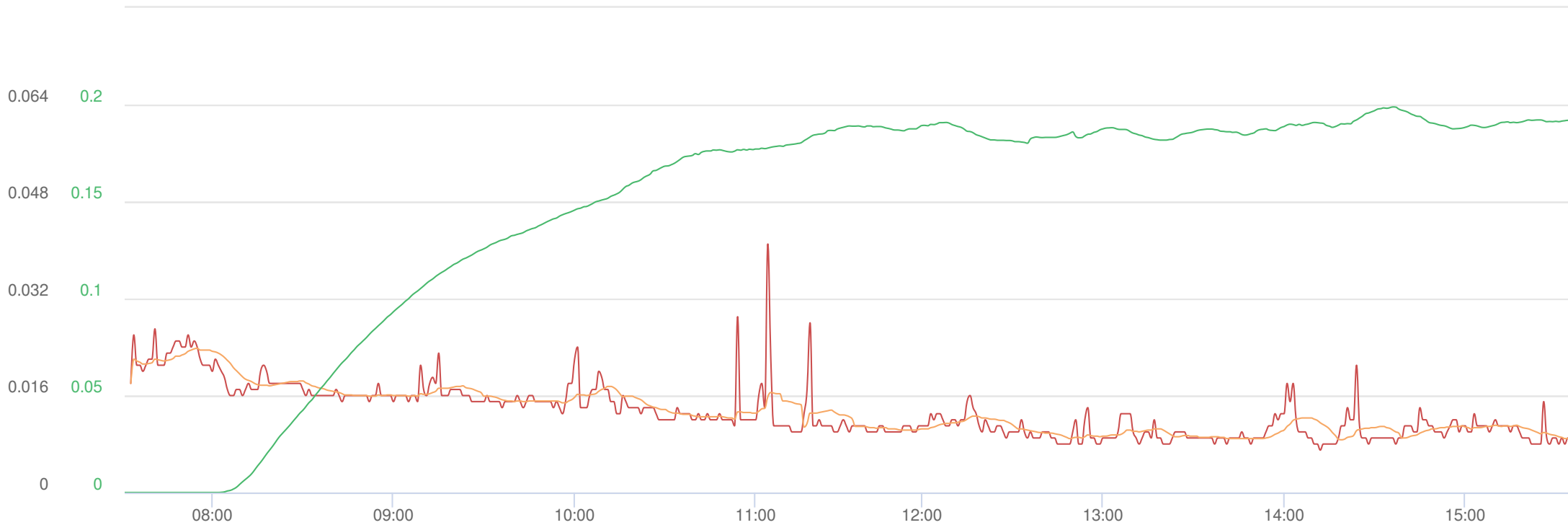
Name H&A Roc #2 (FA05595)

S/N 2B283922

Description FA05595

Location LaGrange & Driving
Park, Rochester, NY
14613, USA

Wed, 15th of Nov 2023, 0:00:00 – 15:41:31
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³		
DustTrak-8530		
RS232(C)		
MIN	AVG	MAX
0.007	0.013	0.041

Mass Conc. Total mg/m³ AVG 15m		
DustTrak-8530		
RS232(C)		
MIN	AVG	MAX
0.0087	0.0134	0.0238

VOC ppm AVG 15m		
miniRAE 3000		
RS232(A)		
MIN	AVG	MAX
0	0.147	0.1988

Name H&A Roc #1 (FA05630)
S/N 2B240233
Description FA05630
Location 1000 Lexington Ave,
Rochester, NY 14606,
USA

Wed, 15th of Nov 2023, 0:00:00 – 15:43:26
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³

DustTrak-8530
RS232(C)

MIN

0.006

AVG

0.011

MAX

0.02

Mass Conc. Total mg/m³ **AVG 15m**

DustTrak-8530
RS232(C)

MIN

0.007

AVG

0.0107

MAX

0.0155

VOC ppm AVG 15m ppm

miniRAE 3000
RS232(A)

MIN

0

AVG

0

MAX

0

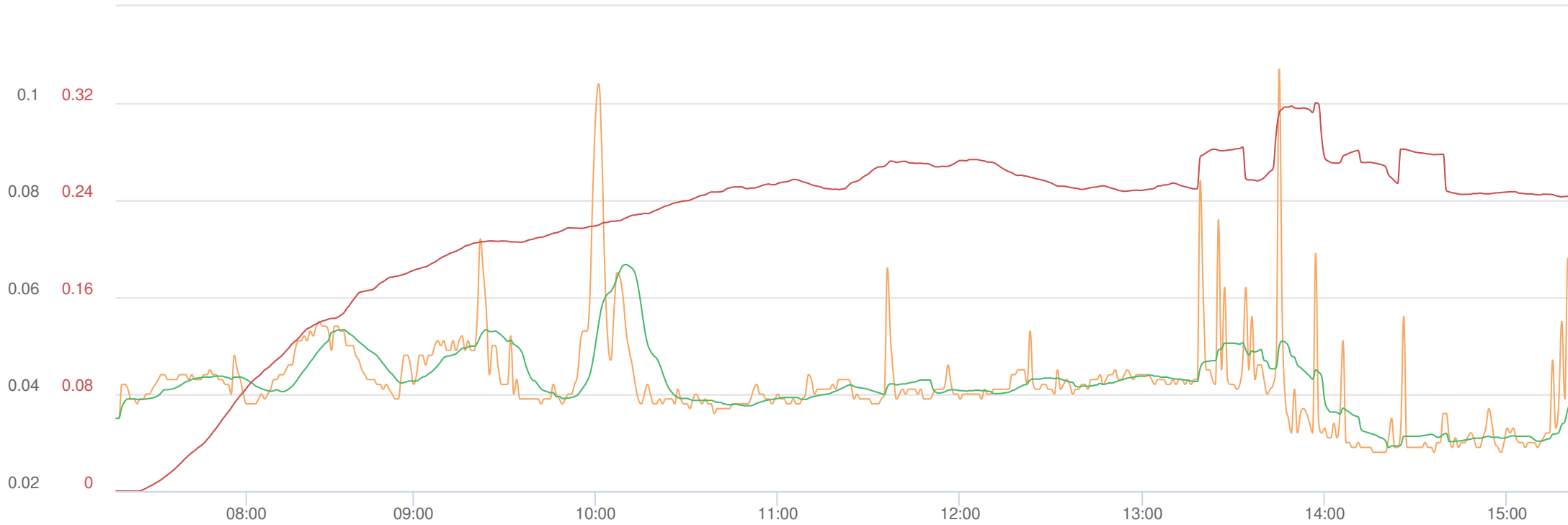
Name H&A Roc #2 (FA05595)

S/N 2B283922

Description FA05595

Location LaGrange & Driving
Park, Rochester, NY
14613, USA

Thu, 16th of Nov 2023, 0:00:00 – 15:46:08
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³

DustTrak-8530
RS232(C)

MIN

0.028

AVG

0.042

MAX

0.107

Mass Conc. Total mg/m³ AVG 15m

DustTrak-8530
RS232(C)

MIN

0.029

AVG

0.042

MAX

0.0667

VOC ppm AVG 15m ppm

miniRAE 3000
RS232(A)

MIN

0

AVG

0.2176

MAX

0.3203

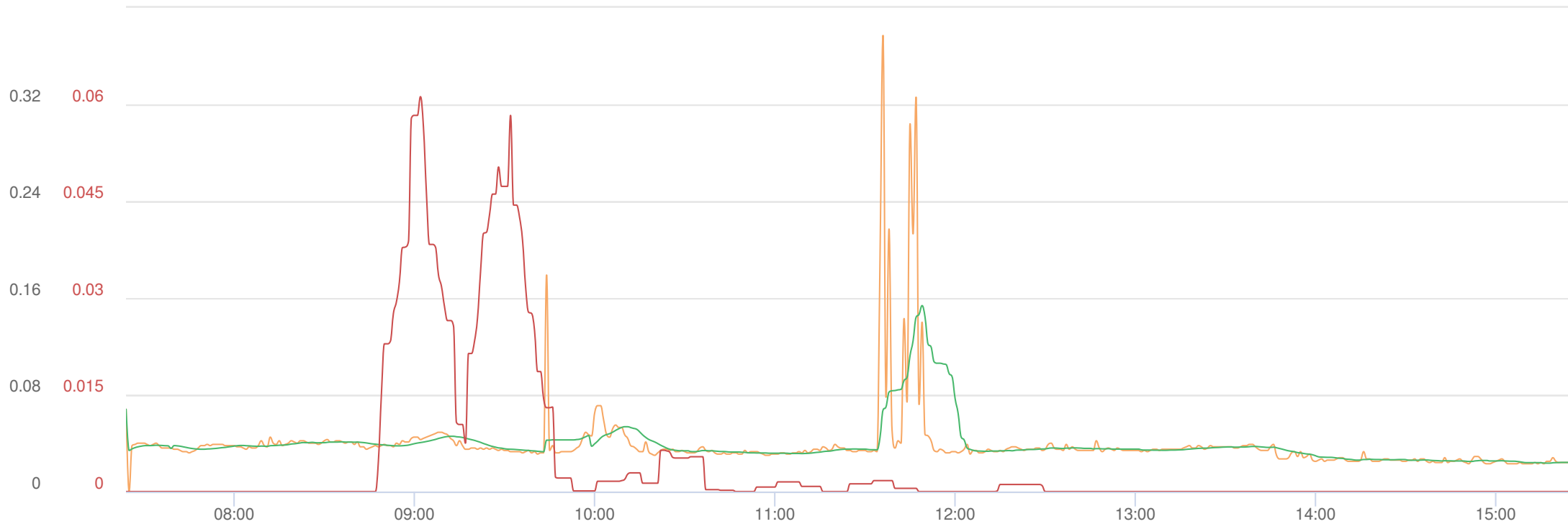
Name H&A Roc #1 (FA05630)

S/N 2B240233

Description FA05630

Location 1000 Lexington Ave,
Rochester, NY 14606,
USA

Thu, 16th of Nov 2023, 0:00:00 – 15:48:32
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³

DustTrak-8530
RS232(C)

MIN

0

AVG

0.038

MAX

0.377

Mass Conc. Total mg/m³ AVG 15m

DustTrak-8530
RS232(C)

MIN

0.0235

AVG

0.0387

MAX

0.1537

VOC ppm AVG 15m ppm

miniRAE 3000
RS232(A)

MIN

0

AVG

0

MAX

0.0612

Name H&A Roc #2 (FA05595)

S/N 2B283922

Description FA05595

Location 795 Driving Park Ave,
Rochester, NY 14613,
USA

Data Verification Report

September 22, 2023

To	Denis Conley [dconley@haleyaldrich.com]	Project No.	12616852-255019
Copy to	Claire Mondello [cmondello@haleyaldrich.com]		
From	Ruth Mickle/cs/2-NF	Contact No.	612-524-6872
Project Name	Delphi Automotive Systems Site	Email	ruth.mickle@ghd.com
Subject	Analytical Results and Data Verification Annual Groundwater Monitoring General Motors/Delphi Automotive Systems Site #828064 Rochester, New York July 2023		

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 Delphi Automotive Systems Site #828064 during July 2023. Samples were submitted to ALS Environmental located in Rochester, New York. A sample collection and analysis summary is presented in Table 1. The validated analytical results are summarized in Table 2. A summary of the analytical methodology is presented in Table 3.

Standard Level II 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 method referenced in Table 3 and applicable guidance from the document entitled "National Functional Guidelines for Organic Superfund Methods Data Review", United States Environmental Protection Agency (USEPA) 540-R-20-005, November 2020.

This document will subsequently be referred to as the "Guidelines" in this Memorandum.

2. Sample Holding Time and Preservation

The sample holding time criterion for the analyses are summarized in Table 3. Sample chain of custody documents and analytical reports were used to determine sample holding times. All samples were prepared and analyzed within the required holding time.

All samples were properly preserved, delivered on ice, and stored by the laboratory at the required temperature (0-6°C).

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 1 per 20 investigative samples and/or 1 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 methods employed, all samples, blanks, and QC samples analyzed for organics are spiked with surrogate compounds prior to sample extraction and/or 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 met the laboratory criteria.

5. Laboratory Control Sample (LCS) Analyses

LCS are prepared and analyzed as samples to assess the analytical efficiencies of the methods employed, independent of sample matrix effects.

For this study, LCS were analyzed at a minimum frequency of 1 per 20 investigative samples and/or 1 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.

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 rinse blank sample, and one field duplicate sample set.

Trip Blank Sample Analysis

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

Rinse Blank Sample Analysis

To assess field decontamination procedures, ambient conditions at the site, and cleanliness of sample containers, a rinse blank was submitted for analysis, as identified in Table 1. All results were non-detect for the compounds of interest.

Field Duplicate Sample Analysis

To assess the analytical and sampling protocol precision, one field duplicate sample was collected and submitted "blind" to the laboratory, as specified in Table 1. The RPDs associated with this duplicate sample 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.

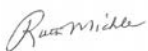
8. Analyte Reporting

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 reporting limit (RL) but greater than the MDL were qualified as estimated (J) in Table 2 unless qualified otherwise in this memorandum. 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 without qualification.

Regards,



Ruth Mickle

Digital Intelligence - Data Management - Data Validator

Table 1

Sample Collection and Analysis Summary
Annual Groundwater Monitoring
General Motors/Delphi Automotive Systems Site #828064
Rochester, New York
July 2023

					Analysis/Parameters	
Sample Identification	Location	Matrix	Collection Date (mm/dd/yyyy)	Collection Time (hr:min)	VOCs	Comments
ALS SDG #R2306315						
044440-071423-0001	Trip Blank	Water	07/14/2023	--	X	Trip Blank
R101-071423-1055	R-101	Water	07/14/2023	10:55	X	MS/MSD
SR101-071423-1155	SR-101	Water	07/14/2023	11:55	X	
R3-071423-1350	R-3	Water	07/14/2023	13:50	X	
ALS SDG #R2306348						
044440-071723-0001	Trip Blank	Water	07/17/2023	--	X	Trip Blank
SR301-071723-1110	SR-301	Water	07/17/2023	11:10	X	
R301-071723-1210	R-301	Water	07/17/2023	12:10	X	
R109-071723-1415	R-109	Water	07/17/2023	14:15	X	
DR132-071723-1515	DR-132	Water	07/17/2023	15:15	X	
ALS SDG #R2306506						
044440-071923-0001	Trip Blank	Water	07/19/2023	--	X	Trip Blank
DR105-071923-0900	DR-105	Water	07/19/2023	09:00	X	
SR303-071923-1040	SR-303	Water	07/19/2023	10:40	X	
R303-071923-1255	R-303	Water	07/19/2023	12:55	X	
R108-071923-1505	R-108	Water	07/19/2023	15:05	X	
R403-072023-0855	R-403	Water	07/20/2023	08:55	X	
R401-072023-1015	R-401	Water	07/20/2023	10:15	X	
PZ115-072023-1205	PZ-115	Water	07/20/2023	12:05	X	
PZ113-072023-1310	PZ-113	Water	07/20/2023	13:10	X	

Table 1

Sample Collection and Analysis Summary
Annual Groundwater Monitoring
General Motors/Delphi Automotive Systems Site #828064
Rochester, New York
July 2023

					<u>Analysis/Parameters</u>	
Sample Identification	Location	Matrix	Collection Date (mm/dd/yyyy)	Collection Time (hr:min)	VOCs	Comments
ALS SDG #R2306541						
SR107-072123-1010	SR-107	Water	07/21/2023	10:10	X	
R107-072123-1120	R-107	Water	07/21/2023	11:20	X	
044440-072123-0001	Trip Blank	Water	07/21/2023	--	X	Trip Blank
044440-072123-0002	R-107	Water	07/21/2023	08:00	X	FD (R107-072123-1120)
044440-072123-0003	Equipment Blank	Water	07/21/2023	11:30	X	Equipment Blank

Notes:

FD - Field Duplicate of sample in parentheses

SDG - Sample Delivery Group

VOCs - Volatile Organic Compounds

- - Not applicable

Table 2

Analytical Results Summary
Annual Groundwater Monitoring
General Motors/Delphi Automotive Systems Site #828064
Rochester, New York
July 2023

Location ID:	DR-105	DR-132	PZ-113	PZ-115	R-3	R-101
Sample Name:	DR105-071923-0900	DR132-071723-1515	PZ113-072023-1310	PZ115-072023-1205	R3-071423-1350	R101-071423-1055
Sample Date:	07/19/2023	07/17/2023	07/20/2023	07/20/2023	07/14/2023	07/14/2023
Parameters	Unit					
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/L	10 U	1.0 U	10 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	10 U	1.0 U	10 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	10 U	1.0 U	10 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	10 U	1.0 U	10 U	1.0 U	1.5
1,1-Dichloroethene	µg/L	10 U	1.0 U	10 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	10 U	1.0 U	10 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	20 U	2.0 U	20 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	10 U	1.0 U	10 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	10 U	1.0 U	10 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	10 U	1.0 U	10 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	10 U	1.0 U	10 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	10 U	1.0 U	10 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	10 U	1.0 U	10 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	42 J	2.3 J	50 U	5.0 U	5.0 U
2-Hexanone	µg/L	50 U	5.0 U	50 U	5.0 U	5.0 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	50 U	5.0 U	50 U	5.0 U	5.0 U
Acetone	µg/L	230	5.0 U	50 U	5.0 U	5.0 U
Benzene	µg/L	36	3.3	10 U	1.0 U	0.37 J
Bromodichloromethane	µg/L	10 U	1.0 U	10 U	1.0 U	1.0 U
Bromoform	µg/L	10 U	1.0 U	10 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	10 U	1.0 U	10 U	1.0 U	1.0 U
Carbon disulfide	µg/L	10 U	1.0 U	10 U	1.0 U	1.3
Carbon tetrachloride	µg/L	10 U	1.0 U	10 U	1.0 U	1.0 U
Chlorobenzene	µg/L	10 U	1.0 U	10 U	1.0 U	1.0 U
Chloroethane	µg/L	10 U	1.0 U	10 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	10 U	1.0 U	10 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	10 U	1.0 U	10 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	10 U	1.0 U	10 U	1.9	1.4

Table 2

Analytical Results Summary
Annual Groundwater Monitoring
General Motors/Delphi Automotive Systems Site #828064
Rochester, New York
July 2023

Location ID:	DR-105	DR-132	PZ-113	PZ-115	R-3	R-101
Sample Name:	DR105-071923-0900	DR132-071723-1515	PZ113-072023-1310	PZ115-072023-1205	R3-071423-1350	R101-071423-1055
Sample Date:	07/19/2023	07/17/2023	07/20/2023	07/20/2023	07/14/2023	07/14/2023
Parameters	Unit					
cis-1,3-Dichloropropene	µg/L	10 U	1.0 U	10 U	1.0 U	1.0 U
Cyclohexane	µg/L	10 U	1.0 U	10 U	1.0 U	1.0 U
Dibromochloromethane	µg/L	10 U	1.0 U	10 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	10 U	1.0 U	10 U	1.0 U	1.0 U
Ethylbenzene	µg/L	10 U	1.0 U	10 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	10 U	1.0 U	10 U	1.0 U	1.0 U
Methyl acetate	µg/L	20 U	2.0 U	20 U	2.0 U	2.0 U
Methyl cyclohexane	µg/L	10 U	1.0 U	10 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	10 U	1.0 U	10 U	1.0 U	1.0 U
Methylene chloride	µg/L	10 U	1.0 U	10 U	1.0 U	1.0 U
Styrene	µg/L	10 U	1.0 U	10 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	10 U	1.0 U	10 U	1.0 U	1.0 U
Toluene	µg/L	3.3 J	0.76 J	10 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	10 U	1.0 U	10 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	10 U	1.0 U	10 U	1.0 U	1.0 U
Trichloroethene	µg/L	10 U	1.0 U	10 U	0.24 J	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	10 U	1.0 U	10 U	1.0 U	1.0 U
Trifluorotrichloroethane (CFC-113)	µg/L	10 U	1.0 U	10 U	1.0 U	1.0 U
Vinyl chloride	µg/L	10 U	1.0 U	10 U	1.0	1.9
Xylenes (total)	µg/L	30 U	0.88 J	30 U	3.0 U	0.46 J

Table 2

Analytical Results Summary
Annual Groundwater Monitoring
General Motors/Delphi Automotive Systems Site #828064
Rochester, New York
July 2023

Location ID:	R-107	R-107	R-108	R-109	R-301	R-303
Sample Name:	R107-072123-1120	044440-072123-0002	R108-071923-1505	R109-071723-1415	R301-071723-1210	R303-071923-1255
Sample Date:	07/21/2023	07/21/2023	07/19/2023	07/17/2023	07/17/2023	07/19/2023
	Duplicate					
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
1,1,2,2-Tetrachloroethane	µg/L	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
1,1-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	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
1,2,4-Trichlorobenzene	µg/L	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
1,2-Dibromoethane (Ethylene dibromide)	µg/L	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
1,2-Dichloroethane	µg/L	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
1,3-Dichlorobenzene	µg/L	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
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	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
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	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
Benzene	µg/L	0.32 J	0.25 J	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
Bromoform	µg/L	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
Carbon disulfide	µg/L	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
Chlorobenzene	µg/L	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
Chloroform (Trichloromethane)	µg/L	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
cis-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	9.1	0.25 J

Table 2

Analytical Results Summary
Annual Groundwater Monitoring
General Motors/Delphi Automotive Systems Site #828064
Rochester, New York
July 2023

Location ID:		R-107	R-107	R-108	R-109	R-301	R-303
Sample Name:		R107-072123-1120	044440-072123-0002	R108-071923-1505	R109-071723-1415	R301-071723-1210	R303-071923-1255
Sample Date:		07/21/2023	07/21/2023	07/19/2023	07/17/2023	07/17/2023	07/19/2023
		Duplicate					
Parameters	Unit						
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	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
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	50	1.0 U	0.31 J
Xylenes (total)	µg/L	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U

Table 2

Analytical Results Summary
Annual Groundwater Monitoring
General Motors/Delphi Automotive Systems Site #828064
Rochester, New York
July 2023

Location ID:		R-401	R-403	SR-101	SR-107	SR-301	SR-303
Sample Name:		R401-072023-1015	R403-072023-0855	SR101-071423-1155	SR107-072123-1010	SR301-071723-1110	SR303-071923-1040
Sample Date:		07/20/2023	07/20/2023	07/14/2023	07/21/2023	07/17/2023	07/19/2023
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	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	0.30 J	1.0 U	1.0 U	1.0 U	0.69 J	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 ketone) (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
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	21	1.0 U	1.0 U	0.82 J	100	1.0 U

Table 2

Analytical Results Summary
Annual Groundwater Monitoring
General Motors/Delphi Automotive Systems Site #828064
Rochester, New York
July 2023

Location ID:	R-401	R-403	SR-101	SR-107	SR-301	SR-303
Sample Name:	R401-072023-1015	R403-072023-0855	SR101-071423-1155	SR107-072123-1010	SR301-071723-1110	SR303-071923-1040
Sample Date:	07/20/2023	07/20/2023	07/14/2023	07/21/2023	07/17/2023	07/19/2023
Parameters	Unit					
cis-1,3-Dichloropropene	µg/L	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
Dibromochloromethane	µg/L	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
Ethylbenzene	µg/L	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
Methyl acetate	µg/L	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
Methyl tert butyl ether (MTBE)	µg/L	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
Styrene	µg/L	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
Toluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	0.59 J	1.0 U	1.0 U	0.59 J	1.0 U
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	5.4	1.0 U	1.0 U	30	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	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
Vinyl chloride	µg/L	9.0	1.0 U	1.0 U	2.9	1.0 U
Xylenes (total)	µg/L	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

Table 3

Analytical Method
Annual Groundwater Monitoring
General Motors/Delphi Automotive Systems Site #828064
Rochester, New York
July 2023

Parameter	Method	Matrix	Holding Time
			Collection to Analysis (Days)
Volatile Organic Compounds (VOCs)	SW-846 8260C	Water	14

Method Reference:

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

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Materials Management, Bureau of Hazardous Waste and Radiation Management

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November 1, 2023

Sent via e-mail, no hard copy to follow

Natalie Hahn
Environmental Engineer
GM Components Holdings, LLC
1000 Lexington Ave
Rochester, NY 14606

RE: GM Components Holdings, LLC
1000 Lexington Ave, Rochester, NY 14606, Site No.828064
"Contained-in" Determination Request

Dear Natalie Hahn:

The New York State Department of Environmental Conservation (NYSDEC or the Department) has reviewed your letter dated September 6, 2023, requesting a "contained-in" determination to dispose of 2,000 tons of soil/fill generated during a floor renovation project and storm line replacement. Please refer to Figure 1 for the soil sample locations.

Evaluation

Concentrations (Lab Report ID: S40405.26, S40405.27, S40405.28, S40405.29, S40405.30, S40405.31, S40405.32, S40405.33, S40405.34, S40405.35, S40405.36, S40405.37) detected for individual volatile organic compounds (VOCs), were all less than their current NYSDEC "contained in" soil action levels and Land Disposal Restriction concentrations.

Concentrations (Lab Report ID: S40405.26, S40405.27, S40405.28, S40405.29, S40405.30, S40405.31, S40405.32, S40405.33, S40405.34, S40405.35, S40405.36, S40405.37) for tetrachloroethene (PCE) were all significantly less than their current "contained-in" soil action levels and Land Disposal Restriction concentrations at the referenced project site. Therefore, 2,000 tons of soil/fill does not have to be managed as a hazardous waste and can be transported off-site High Acres Landfill in Fairport, NY, able to accept this material, for disposal as non-hazardous waste.

Should you have any questions regarding the content of this letter, please do not hesitate to contact me at (518) 402-9594 or email me at alison.egbon@dec.ny.gov.

Sincerely,

A handwritten signature in dark ink, reading "Alison Egbon". The signature is fluid and cursive, with the first name "Alison" and last name "Egbon" clearly distinguishable.

Alison Egbon
Assistant Environmental Engineer
Hazardous Waste Compliance and Technical Support Section

ec: J. Ramsey, DEC
C. Theobald, DEC

