

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

3 November 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 – September 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 through 30 September 2023.

#### **ACTIVITIES CONDUCTED DURING THE REPORTING PERIOD**

The remedial measures installed at the Site including the Building 22 light non-aqueous phase liquid (LNAPL) recovery system, the 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 month with the following exceptions:

 The AWTA oil/water separator and foundation pump system was shutdown due to a failure of the pump seal system, the system remains shutdown pending procurement of a suitable replacement pump.

#### SAMPLING/TESTING RESULTS DURING REPORTING PERIOD

During September 2023, the volume of groundwater recovered for treatment and discharge to the Monroe County sewer system under the facility's sewer use permit was approximately:

New York State Department of Environmental Conservation 3 November 2023 Page 2

EWTA Groundwater Recovery System: 48,000 gallons
 North Parking Lot MCT and Bldg. 22 LNAPL: 577,000 gallons

The total volume of LNAPL recovered from the automated LNAPL recovery systems and the manual LNAPL recovery efforts on 14 September 2023 from the existing monitoring wells was approximately **28** gallons. The manually recovered LNAPL was placed within satellite collection drums for disposal by the Facility.

The Community Air Monitoring Program (CAMP) monitors were operated up and downwind of the Building 1 excavated soil stockpiles and excavation activities associated with the Fireline emergency repair and loading dock leveling projects from 1 through 8 September 2023.

No exceedances of the ambient air quality criteria were observed. Charts of the monitor readings are attached to the report for your information.

On 11 September 2023, 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**

A request for a Contained In Determination for the excavated soils associated with the Builidng 1 floor replacement project was submitted to the Department on 6 September 2023. The Department requested additional information on 19 September 2023 which was provided by GM on 27 September 2023.

Future project activities anticipated include:

- The continued operation of the EWTA Groundwater Recovery and Treatment System (GRTS), Building 1 SSDS, Automated LNAPL Recovery Systems and the North Parking Lot Groundwater Migration Control Trench,
- The selection of a 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,
- The manual recovery of LNAPL from the existing monitoring wells with recoverable quantities of LNAPL present; and,
- Receipt of the validated laboratory results for the June 2023 groundwater sampling event from GHD, the project laboratory coordinator and data validation team.



New York State Department of Environmental Conservation 1 November 2023 Page 3

#### **CLOSING**

If you have any questions concerning this information, please do not hesitate to contact us via electronic mail at <a href="mailto:dconley@haleyaldrich.com">dconley@haleyaldrich.com</a> or <a href="mailto:com">cmondello@haleyaldrich.com</a> or <a href="mailto:dconley@haleyaldrich.com">cmondello@haleyaldrich.com</a> or <a href="mailto:dconley@haleyaldrich.com">cmondello@haleyaldrich.com</a> or <a href="mailto:dconley@haleyaldrich.com">cmondello@haleyaldrich.com</a> or <a href="mailto:dconley@haleyaldrich.com">cmondello@haleyaldrich.com</a> or <a href="mailto:dconley@haleyaldrich.com">dconley@haleyaldrich.com</a> or <a href="mailto:dc

Sincerely yours,
HALEY & ALDRICH OF NEW YORK

Claire L. Mondello

Claire L. Mondello, CHMM Program Manager Denis M. Conley Senior Associate

Deus M. ( Deg

Attachments:

Wastewater Analytical Data Reports: 19 September 2023

CAMP Montior Charts: 1 – 8 September 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

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## Analytical Report For

## **GM Components Holdings, LLC**

For Lab Project ID

234139

Referencing

GMCH North Side GW Monitoring

Prepared

Monday, September 18, 2023

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



**Lab Project ID:** 234139

Client: <u>GM Components Holdings, LLC</u>

**Project Reference:** GMCH North Side GW Monitoring

**Sample Identifier:** Groundwater North Side (Combined)

**Lab Sample ID:** 234139-01 **Date Sampled:** 9/11/2023 9:52

Matrix: Wastewater Date Received 9/11/2023

#### **PCBs**

<u>Analyte</u>	<u>Result</u>	<u>Units</u>		<b>Qualifier</b>	<b>Date Ana</b>	<u>lyzed</u>
PCB-1016	< 0.100	ug/L			9/15/2023	3 11:01
PCB-1221	< 0.100	ug/L			9/15/2023	3 11:01
PCB-1232	< 0.100	ug/L			9/15/2023	3 11:01
PCB-1242	< 0.100	ug/L			9/15/2023	3 11:01
PCB-1248	< 0.100	ug/L			9/15/2023	3 11:01
PCB-1254	< 0.100	ug/L			9/15/2023	3 11:01
PCB-1260	< 0.100	ug/L			9/15/2023	3 11:01
Surrogate	<b>Percent</b>	Recovery	<u>Limits</u>	<u>Outliers</u>	<b>Date Anal</b>	yzed
Tetrachloro-m-xylene	39	0.0	10 - 122		9/15/2023	11:01

**Method Reference(s):** EPA 608.3 **Preparation Date:** 9/14/2023

#### **Volatile Organics**

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	Qualifier	<b>Date Analyzed</b>
1,1,1-Trichloroethane	< 4.00	ug/L		9/14/2023 11:57
1,1,2,2-Tetrachloroethane	< 4.00	ug/L		9/14/2023 11:57
1,1,2-Trichloroethane	< 4.00	ug/L		9/14/2023 11:57
1,1-Dichloroethane	< 4.00	ug/L		9/14/2023 11:57
1,1-Dichloroethene	< 4.00	ug/L		9/14/2023 11:57
1,2-Dichlorobenzene	< 4.00	ug/L		9/14/2023 11:57
1,2-Dichloroethane	< 4.00	ug/L		9/14/2023 11:57
1,2-Dichloropropane	< 4.00	ug/L		9/14/2023 11:57
1,3-Dichlorobenzene	< 4.00	ug/L		9/14/2023 11:57
1,4-Dichlorobenzene	< 4.00	ug/L		9/14/2023 11:57
2-Chloroethyl vinyl Ether	< 10.0	ug/L		9/14/2023 11:57
Benzene	< 2.00	ug/L		9/14/2023 11:57
Bromodichloromethane	< 4.00	ug/L		9/14/2023 11:57
Bromoform	< 10.0	ug/L		9/14/2023 11:57



**Lab Project ID:** 234139

Client: <u>GM Components Holdings, LLC</u>

**Project Reference:** GMCH North Side GW Monitoring

**Sample Identifier:** Groundwater North Side (Combined)

**Lab Sample ID:** 234139-01 **Date Sampled:** 9/11/2023 9:52

Matrix: Wastewater Date Received 9/11/2023

< 4.00	ug/L			9/14/202	3 11:57
< 4.00	ug/L			9/14/202	3 11:57
< 4.00	ug/L			9/14/202	3 11:57
< 4.00	ug/L			9/14/202	3 11:57
< 4.00	ug/L			9/14/202	3 11:57
< 4.00	ug/L			9/14/202	3 11:57
11.6	ug/L			9/14/202	3 11:57
< 4.00	ug/L			9/14/202	3 11:57
< 4.00	ug/L			9/14/202	3 11:57
< 4.00	ug/L			9/14/202	3 11:57
< 10.0	ug/L			9/14/202	3 11:57
< 4.00	ug/L			9/14/202	3 11:57
< 4.00	ug/L			9/14/202	3 11:57
< 4.00	ug/L			9/14/202	3 11:57
< 4.00	ug/L			9/14/202	3 11:57
< 4.00	ug/L			9/14/202	3 11:57
< 4.00	ug/L			9/14/202	3 11:57
264	ug/L			9/14/202	3 11:57
Perce	ent Recovery	<u>Limits</u>	<b>Outliers</b>	<b>Date Ana</b>	lyzed
	114	79.7 - 118		9/14/2023	11:57
	95.4	80.1 - 112		9/14/2023	11:57
	95.9	88 - 115		9/14/2023	11:57
	106	88.2 - 113		9/14/2023	11:57
	< 4.00 < 4.00 < 4.00 < 4.00 < 4.00  11.6 < 4.00 < 4.00 < 4.00 < 4.00 < 4.00 < 4.00 < 4.00 < 4.00 < 4.00 < 4.00 < 4.00 < 4.00	< 4.00	<pre>&lt; 4.00</pre>	<pre>&lt; 4.00</pre>	< 4.00

Method Reference(s): EPA 624.1

Data File: z19551.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.

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.
- "I" = 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, tern 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 reperform 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.

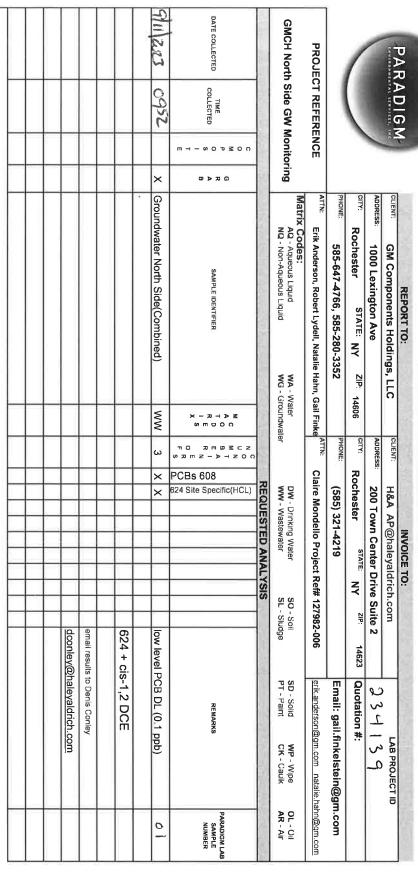
LAB shall have no responsibility or liability to the Client for any failure or delay in performance by LAB, which results in whole or in part from any cause or circumstance beyond the reasonable control of LAB. Such causes and circumstances shall include, but not limited to, acts of God, acts or orders 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





Other please indicate date needed:	Rush 1 day	Rush 2 day	Rush 3 day	10 day	Standard 5 day	A	Turna
					×	vailability contingen	Turnaround Time
Other please indicate package needed		Category B	Category A	Batch QC	None Required	t upon lab approval;	Rep
ded. Other EDD needed			NYSDEC EDD	Basic EDD	None Required	Availability contingent upon lab approval; additional fees may apply.	Report Supplements
	Receiv	Neceived by		Reling			
By signing this form, client agrees to Par	Received @ Lab By	) odey		Relinquished By	Sampled By Paradigm	COC DOWNER	
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everse).	.,	7.1.7	3 - 1	,,	Total Cost		



## Chain of Custody Supplement

Client:	GM Components	Completed by:	Glenn Pezzulo
Lab Project ID:	234139	Date:	9/11/23
		tion Requirements 210/241/242/243/244	
Condition	NELAC compliance with the samp Yes	le condition requirements i No	upon receipt N/A
Container Type			
Comments	400		
Transferred to method- compliant container			
Headspace (<1 mL)	VoA		
Comments			
Preservation	×		PCB PCB
Comments	<del>- H</del>		7
Chlorine Absent			
(<0.10 ppm per test strip)  Comments	VOX 624: C/-/	neg.	
Holding Time			
Holding Time  Comments			
		######################################	
Temperature	16°C iced in field		
Comments	10 - ices in freid		
Compliant Sample Quantity/	Туре		
Comments	<del></del>		



## Analytical Report For

## **GM Components Holdings, LLC**

For Lab Project ID

234141

Referencing

**GMCH East Side GW Monitoring** 

**Prepared** 

Tuesday, September 19, 2023

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

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**Lab Project ID:** 234141

Client: <u>GM Components Holdings, LLC</u>

**Project Reference:** GMCH East Side GW Monitoring

Sample Identifier: Groundwater East Side

**Lab Sample ID:** 234141-01 **Date Sampled:** 9/11/2023 10:37

Matrix: Wastewater Date Received 9/11/2023

#### Oil and Grease

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<b>Qualifier</b>	<b>Date Analyzed</b>
Oil & Grease, Total Recoverable	<4.8	mg/L		9/15/2023

Method Reference(s): EPA 1664A
Subcontractor ELAP ID: 10709

#### **PCBs**

Analyte	Result	<u>Units</u>		<b>Qualifier</b>	Date Ar	nalyzed
PCB-1016	< 0.100	ug/L			9/15/20	23 11:56
PCB-1221	< 0.100	ug/L			9/15/20	23 11:56
PCB-1232	< 0.100	ug/L			9/15/20	23 11:56
PCB-1242	< 0.100	ug/L			9/15/20	23 11:56
PCB-1248	< 0.100	ug/L			9/15/20	23 11:56
PCB-1254	< 0.100	ug/L			9/15/20	23 11:56
PCB-1260	< 0.100	ug/L			9/15/20	23 11:56
<u>Surrogate</u>	<u>Percent</u>	t Recovery	<u>Limits</u>	<b>Outliers</b>	<u>Date An</u>	<u>alyzed</u>
Tetrachloro-m-xylene	4	5.1	10 - 122		9/15/2023	11:56

Method Reference(s): EPA 608.3 Preparation Date: 9/14/2023

#### **Volatile Organics**

<u>Analyte</u>	Result	<u>Units</u>	<b>Qualifier</b>	<b>Date Analyzed</b>
1,1,1-Trichloroethane	< 2.00	ug/L		9/14/2023 12:35
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		9/14/2023 12:35
1,1,2-Trichloroethane	< 2.00	ug/L		9/14/2023 12:35
1,1-Dichloroethane	< 2.00	ug/L		9/14/2023 12:35
1,1-Dichloroethene	< 2.00	ug/L		9/14/2023 12:35
1,2-Dichlorobenzene	< 2.00	ug/L		9/14/2023 12:35
1,2-Dichloroethane	< 2.00	ug/L		9/14/2023 12:35
1,2-Dichloropropane	< 2.00	ug/L		9/14/2023 12:35
1,3-Dichlorobenzene	< 2.00	ug/L		9/14/2023 12:35



**Lab Project ID:** 234141

Client: <u>GM Components Holdings, LLC</u>

**Project Reference:** GMCH East Side GW Monitoring

Sample Identifier: Groundwater East Side

**Lab Sample ID:** 234141-01 **Date Sampled:** 9/11/2023 10:37

Matrix: Wastewater Date Received 9/11/2023

	1,4-Dichlorobenzene	< 2.00	ug/L			9/14/2023	12:35
	2-Chloroethyl vinyl Ether	< 5.00	ug/L			9/14/2023	12:35
	Benzene	< 1.00	ug/L			9/14/2023	12:35
	Bromodichloromethane	< 2.00	ug/L			9/14/2023	12:35
	Bromoform	< 5.00	ug/L			9/14/2023	12:35
	Bromomethane	< 2.00	ug/L			9/14/2023	12:35
	Carbon Tetrachloride	< 2.00	ug/L			9/14/2023	12:35
	Chlorobenzene	< 2.00	ug/L			9/14/2023	12:35
	Chloroethane	< 2.00	ug/L			9/14/2023	12:35
	Chloroform	< 2.00	ug/L			9/14/2023	12:35
	Chloromethane	< 2.00	ug/L			9/14/2023	12:35
	cis-1,2-Dichloroethene	< 2.00	ug/L			9/14/2023	12:35
	cis-1,3-Dichloropropene	< 2.00	ug/L			9/14/2023	12:35
	Dibromochloromethane	< 2.00	ug/L			9/14/2023	12:35
	Ethylbenzene	< 2.00	ug/L			9/14/2023	12:35
	Methylene chloride	< 5.00	ug/L			9/14/2023	12:35
	Tetrachloroethene	< 2.00	ug/L			9/14/2023	12:35
	Toluene	< 2.00	ug/L			9/14/2023	12:35
	trans-1,2-Dichloroethene	< 2.00	ug/L			9/14/2023	12:35
	trans-1,3-Dichloropropene	< 2.00	ug/L			9/14/2023	12:35
	Trichloroethene	< 2.00	ug/L			9/14/2023	12:35
	Trichlorofluoromethane	< 2.00	ug/L			9/14/2023	12:35
	Vinyl chloride	< 2.00	ug/L			9/14/2023	12:35
į	<u>Surrogate</u>	<u>Perc</u>	cent Recovery	<u>Limits</u>	<b>Outliers</b>	<b>Date Analy</b>	<u>vzed</u>
	1,2-Dichloroethane-d4		112	79.7 - 118		9/14/2023	12:35
	4-Bromofluorobenzene		91.7	80.1 - 112		9/14/2023	12:35
	Pentafluorobenzene		95.7	88 - 115		9/14/2023	12:35
	Toluene-D8		108	88.2 - 113		9/14/2023	12:35

Method Reference(s): EPA 624.1

Data File: z19553.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.

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.
- "I" = 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, tern 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 reperform 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



ndicale date needed:	Rush 1 day  Category B  Rush 1 day  Other	Rush 3 day Category A	10 day Batch QC	Standard 5 day X None Required	Availability contingent upon lab approval; additional fees may apply.	Turnaround Time						9/11/203 /037 X	DATE COLLECTED TIME P R COLLECTED S A F E		GMCH East Side GW Monitoring	PROJECT REFERENCE				TAKADIGM	
chage recoded:  please indicate EDD needed:		NYSDEC EDD	Basic EDD	None Required	proval; additional fees may apply.	Report Supplements					_	Groundwater East Side	SAMPLE IDENTIFIER		Matrix Codes: AQ - Aqueous Liquid NQ - Non-Aqueous Liquid	ATTN: Erik Anderson, Robert Lydell, Natalie Hahn, Gail Finke	PHONE: 585-647-4766, 585-280-3352	Rochester STATE: NY	ESS: 1000 Lexingt	GM Com	REPORT TO:
By signing this form, client agrees to Paradigm [8" Cice Im Fal J 9/11/37	Received @ Lab By	Received By	Relinquished By	Sampled By Paradigm	Chefank	Ó						×	×ーカート M の m の O O O O O O O O O O O O O O O O O	REQU	WA - Water DW - I	ATTN:	PHONE:	ZIP: 14606 CITY: Rochester	ESS:	LLC CLIENT:	
By signing this form, client agrees to Paradigm Terms and Conditions (reverse).	9/11/33 Date/Time	Date/Time	Date/Time	Date/Time	3111 Ca			dconh	email re	624 -				REQUESTED ANALYSIS	DW - Drinking Water SO - Soil WW - Wastewater SL - Sludge	Claire Mondello Project Ref # 127982-006	(585) 321-4219	STATE: NY ZIP:	Drive Suite 2	H&A AP@haleyaldrich.com	INVOICE TO:
onditions (reverse).	11:10	PLF.		Total Cost:				dconley@haleyaldrich.com	email results to Denis Conley	624 + cis1,2 DCE		low level PCB DL (0,1 ppb)	REMARKS		SD - Solid WP - Wipe PT - Paint CK - Caulk	erik.anderson@gm.com natalie.	Email: gail.finkelstein@gm.com	14623 Quotation #:	1 11 1 2 1	LAB PROJECT ID	
a.												0	PARADIGM LAB SAMPLE NUMBER		OL - Oil AR - Air	natalie.hahn@gm.com	m.com			J	San State



## Chain of Custody Supplement

Client:		GM Components	Completed by:	Glin Pezzulo
Lab Project ID:		234141	Date:	9/11/23
		<b>Sample Condition</b> Per NELAC/ELAP 210/		
Condition		NELAC compliance with the sample con Yes	ndition requirements ( No	upon receipt N/A
Container Type				
C	Comments			***************************************
Transferred to meth compliant container				$\rightarrow$
Headspace (<1 mL)	Comments			×
Preservation C	Comments			TX PCB
Chlorine Absent (<0.10 ppm per tes	st strip) Comments	VOA 624: C/- May		
<b>Holding Time</b> C	Comments			
<b>Cemperature</b>	omments	18°C iced in field		
Compliant Sample (				
Ci	omments			

8 0  $\overline{\mathsf{v}}$ 2 ω Sample Condition: Per NELAC/ELAP 210/241/242/243/244 \*\*LAB USE ONLY BELOW THIS LINE\*\* PROJECT NAME/SITE NAME: Q\_ DATE \_ /23 Receipt Parameter Container Type: Ò Holding Time Preservation: TIME OOMEOO ឍ⊳៧៣  $\times$ 23 0 1 2 0 3 0 3 0 179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311 Groudwater East Side ATTN: COMMENTS PHONE: COMPANY: Rochester \_ 585-647-2530 **NELAC Compliance** SAMPLE LOCATION/FIELD ID Reporting Paradigm Environmental 179 Lake Ave z **REPORT TO:** z FAX: Please email results to reporting@paradigmenv.com Z Sampled By CHAIN OF CUSTODY ZIP: Mished B 14608 **%**% × – ⊼ ⊣ ⊳ ≤ CITY: ATTN: COMPANY: PHONE: ADDRESS: Oil & Grease (H2SO4) REQUESTED ANALYSIS Accounts Payable Same INVOICE TO: 9/12/23 FΑX Date/Time STATE: 08:30 04:01 S ئى L Due Date: 9 TURNAROUND TIME: (WORKING DAYS) LAB PROJECT #: REMARKS ī P.I.F. Total Cost 0 119/23 CLIENT PROJECT #: PARADIGM LAB SAMPLE NUMBER

Temperature:

Received @ Lab By

Date/Time

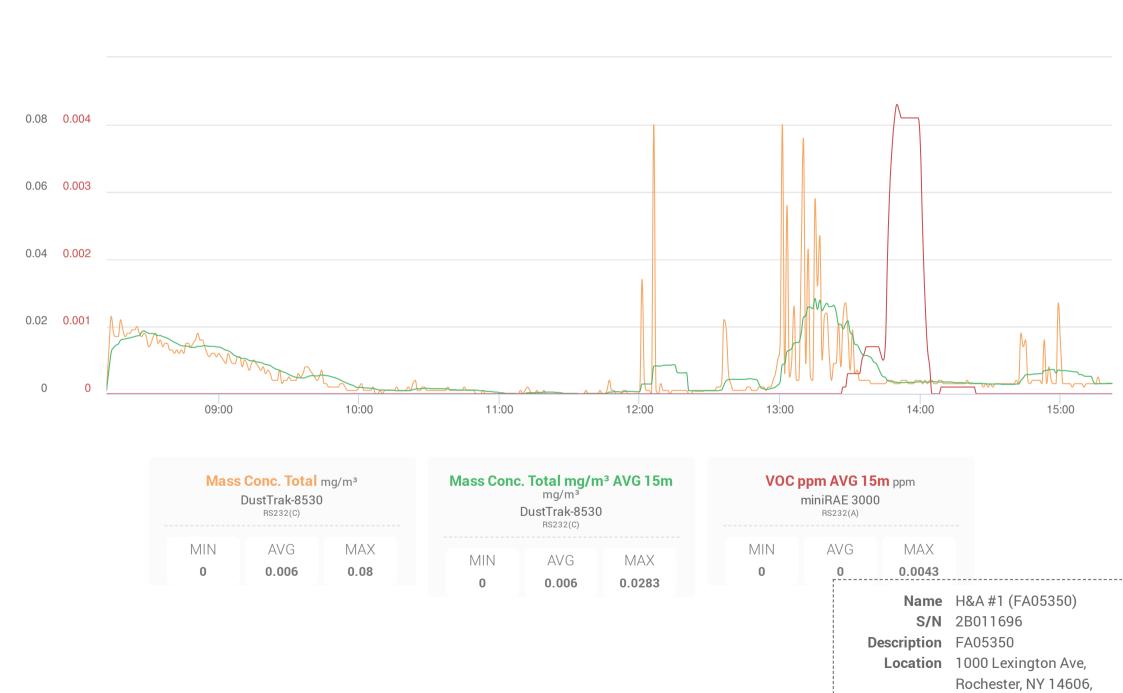
OTHER

10709

Monitor Uptime

	Upwind Monitor	1		Downwind Moni	tor 2		Downwind Monitor 3			
	Time On	Time Off Uptime		Time On	Time Off	Uptime	Time On	Time Off	Uptime	
9/1/2023	8:12 AM	3:22 PM	7:10:00	8:05 AM	3:22 PM	7:17:00	7:57 AM	3:27 PM	7:30:00	
9/5/2023	9:08 AM	3:35 PM	6:27:00	9:00 AM	3:38 PM	6:38:00	8:51 AM	3:41 PM	6:50:00	
9/6/2023	8:19 AM	3:12 PM	6:53:00	8:12 AM	3:15 PM	7:03:00	8:03 AM	3:17 PM	7:14:00	
9/8/2023	8:22 AM	3:25 PM	7:03:00	8:15 AM	3:29 PM	7:14:00	8:05 AM	3:32 PM	7:27:00	

# Fri, 1st of Sep 2023, 0:00:00 - 16:10:33 (GMT-05:00) Eastern Time (US & Canada)



USA

# Fri, 1st of Sep 2023, 0:00:00 - 16:11:15 (GMT-05:00) Eastern Time (US & Canada)









Name H&A #2 (FA05346)

**S/N** 2B020619

**Description** FA05346

Location 795 Driving Park Ave,

Rochester, NY 14613,

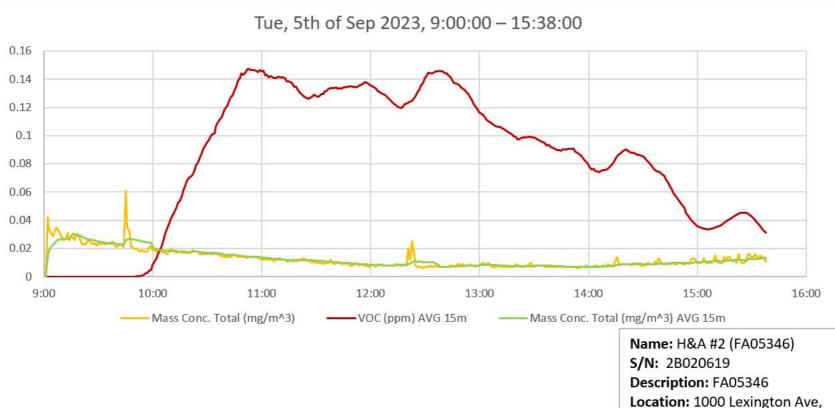
USA

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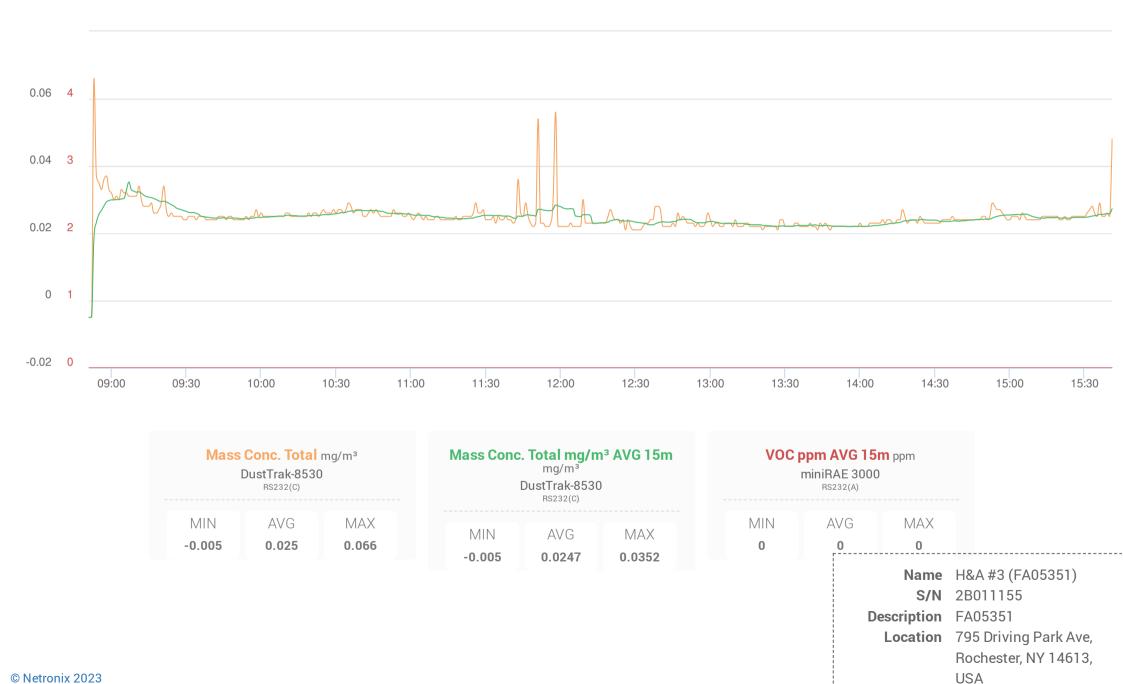
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Rochester, NY 14613, USA

## Tue, 5th of Sep 2023, 0:00:00 - 16:27:06 (GMT-05:00) Eastern Time (US & Canada)



## Wed, 6th of Sep 2023, 0:00:00 - 16:00:45 (GMT-05:00) Eastern Time (US & Canada)









Name H&A #1 (FA05350)

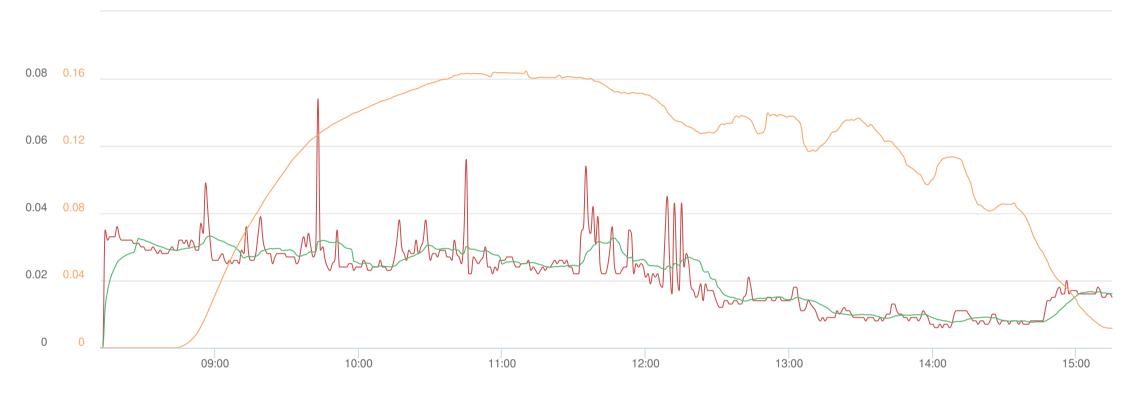
**S/N** 2B011696 **Description** FA05350

**Location** 1000 Lexington Ave,

Rochester, NY 14606,

USA

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Name H&A #2 (FA05346)

**S/N** 2B020619

**Description** FA05346

**Location** 795 Driving Park Ave,

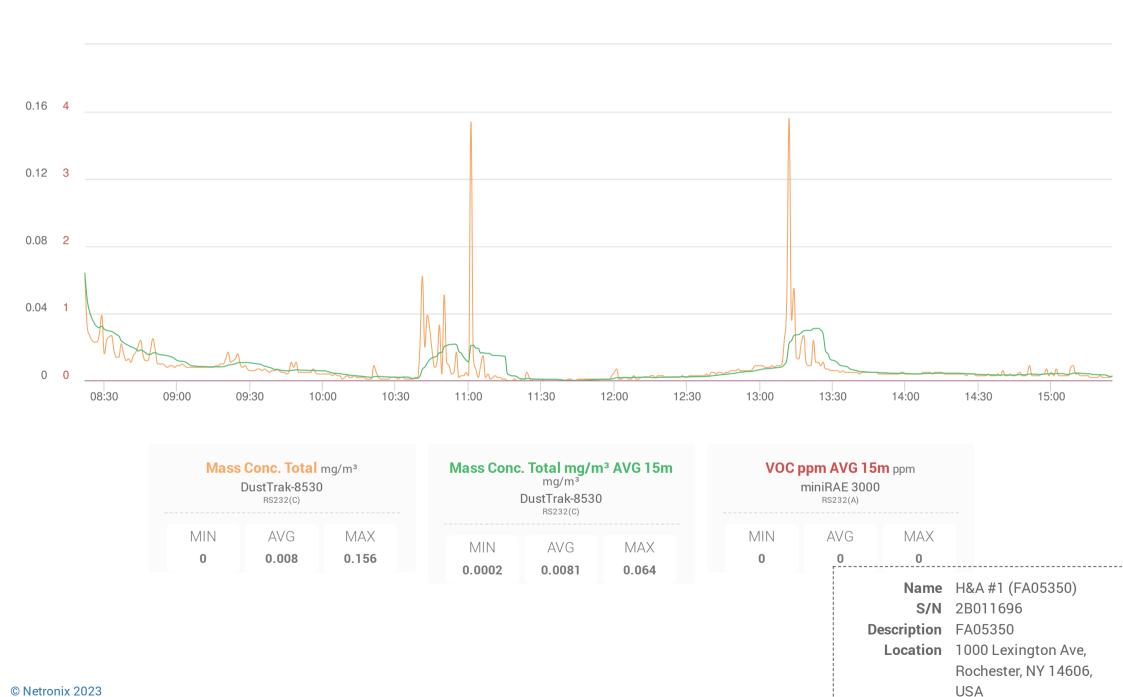
Rochester, NY 14613,

USA

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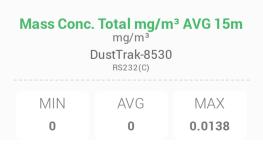
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# Fri, 8th of Sep 2023, 0:00:00 - 17:30:48 (GMT-05:00) Eastern Time (US & Canada)









Name H&A #2 (FA05346)

**S/N** 2B020619

**Description** FA05346

Location 795 Driving Park Ave,

Rochester, NY 14613,

USA

# Fri, 8th of Sep 2023, 0:00:00 - 17:28:38 (GMT-05:00) Eastern Time (US & Canada)

