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

31 August 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 No. 29 – July 2023 Reporting Period
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 during the above-noted reporting period under the Order on Consent (Order) Index #B8-0531-98-06. The Order was executed between GMCH and the New York State Department of Environmental Conservation (NYSDEC) on 18 September 2020. This Progress Report provides a summary of project activities conducted for the period of 30 June through 31 July 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:

- On 30 June 2023, SSDS fan SP-01 was determined to have shutdown and the existing suction fan was replaced on 20 July 2023 and the system was returned to normal operation. All remaining suction fans operated throughout the reporting period.

- The EWTA air stripper system briefly stopped operation due to a tripped breaker on 26 July 2023. The breaker was reset and the system resumed operation on 28 July 2023.

- The AWTA sump pump system discharge was observed to exhibit a reduced flow on 20 July 2023. The pump system was shut down briefly for repairs on August 2, 2023, and returned to normal operations.

SAMPLING/TESTING RESULTS DURING REPORTING PERIOD

During July 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:

- EWTA Groundwater Recovery System: 32,000 gallons
- North Parking Lot MCT and Bldg. 22 LNAPL: 826,000 gallons

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

Beginning on July 12, 2023, the Community Air Monitoring Program (CAMP) was initiated downwind of the excavated soil stockpiles and is on-going at the facility. No exceedances in the ambient air quality criteria have been observed to date.

Documentation soil samples from the excavation area were obtained on 2 August 2023 and submitted to Paradigm Environmental Services, Inc for analysis of volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs) and Diesel Range and Gasoline Range Organics (DRO/GRO). A summary table of the detected parameters and a copy of the laboratory report are attached to this report.

From 12 – 21 July 2023, groundwater level monitoring and sampling was conducted at the site as part of the periodic ground water monitoring and sampling event. Groundwater samples were submitted to ALS Environmental for the analysis of VOCs in accordance with EPA Method 8260C.

On July 24, 2023, wastewater samples were taken from the EWTA and AWTA by Paradigm Environmental Services, Inc for analysis in accordance with the facility's sewer use permit. The laboratory reports are attached for your information.

REPORTS AND DELIVERABLES

None during the reporting period.

ACTIVITIES ANTICIPATED FOR UPCOMING REPORTING PERIOD

Project activities anticipated for August 2023 include:

- The continued operation of the EWTA Groundwater Recovery and Treatment System (GRTS), Building 1 SSDS, Building 22 LNAPL Recovery System, Automated LNAPL Recovery Systems and the North Parking Lot Groundwater Migration Control Trench,

- The continued monitoring of air around the fire main repair area, debris removal operations from excavation work in Plant 1, and planned excavation work at the receiving docks, as part of the Community Air Monitoring Program (CAMP),

- 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.

- Receipt of the validated laboratory results for the groundwater sampling event from GHD, the project laboratory coordinator and data validation team.

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

Sincerely yours,
HALEY & ALDRICH OF NEW YORK

Claire L. Mondello

Denis M. Conley

Claire L. Mondello, CHMM
Program Manager

Denis M. Conley
Senior Associate

Attachments:
Documentation Soil Samples Analytical Data Report- July 2023
Wastewater Analytical Data Reports – July 2023

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

Table 1
Documentation Soil Sample Data Summary
Delphi Automotive Systems Site No. 828064

Building 1 Documentation Samples		**Sample ID**		
Analyte	**Protection of GW SCOs**	**SE Trench #25**	**SE Trench #36**	**SE Trench #29**
Fluoranthene	100000	313 U	495	398
Phenanthrene	100000	286 U	518	286 U
Pyrene	100000	313 U	453	382
Isopropylbenzene	2300	7.8 U	48.4	7.8 U
m,p-Xylene	260	7.8 U	18.9	7.8 U
DRO (C10-C-28)	500000	46900	250,000	122,000
GRO(C5-C10)	500000	11 U	394	266

Notes

Units - micrograms per kilogram or parts per billion (ppb)

ND - Not detected, below detection limit

GW SCOs - Groundwater Soil Cleanup Objectives

PARADIGM

PARADIGM
ENVIRONMENTAL SERVICES, INC

Analytical Report For

Haley & Aldrich

For Lab Project ID

233394

Referencing

SE Trenches

Prepared

Thursday, August 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 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

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 233394

Client: **Haley & Aldrich**

Project Reference: SE Trenches

Sample Identifier:	SE Trench #25		
Lab Sample ID:	233394-01	**Date Sampled:** 8/2/2023	10:20
Matrix:	Soil	**Date Received** 8/2/2023	

Diesel Range Organics (C10-C28)

Analyte	Result	Units	Qualifier	Date Analyzed
Diesel Range Organics	**46900**	ug/Kg		8/9/2023 15:45

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
Nonacosane	**72.3**	10 - 126		8/9/2023 15:45

Sample chromatographic pattern does not match a typical diesel fuel fingerprint.

Method Reference(s): EPA 8015D
EPA 3546
Preparation Date: 8/7/2023
Data File: PHC0003766.D

Gasoline Range Organics (C5-C10)

Analyte	Result	Units	Qualifier	Date Analyzed
Gasoline Range Organics	<11.0	ug/Kg	L	8/7/2023

Method Reference(s): EPA 8015D
Subcontractor ELAP ID: 10709

Semi-Volatile Organics (Acid/Base Neutrals)

Analyte	Result	Units	Qualifier	Date Analyzed
1,1-Biphenyl	< 313	ug/Kg		8/7/2023 18:37
1,2,4,5-Tetrachlorobenzene	< 313	ug/Kg		8/7/2023 18:37
1,2,4-Trichlorobenzene	< 313	ug/Kg		8/7/2023 18:37
1,2-Dichlorobenzene	< 313	ug/Kg		8/7/2023 18:37
1,3-Dichlorobenzene	< 313	ug/Kg		8/7/2023 18:37
1,4-Dichlorobenzene	< 313	ug/Kg		8/7/2023 18:37
2,2-Oxybis (1-chloropropane)	< 313	ug/Kg		8/7/2023 18:37
2,3,4,6-Tetrachlorophenol	< 313	ug/Kg		8/7/2023 18:37
2,4,5-Trichlorophenol	< 313	ug/Kg		8/7/2023 18:37
2,4,6-Trichlorophenol	< 313	ug/Kg		8/7/2023 18:37
2,4-Dichlorophenol	< 313	ug/Kg		8/7/2023 18:37
2,4-Dimethylphenol	< 313	ug/Kg		8/7/2023 18:37
2,4-Dinitrophenol	< 1250	ug/Kg		8/7/2023 18:37

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 233394

Client: **Haley & Aldrich**

Project Reference: SE Trenches

Sample Identifier:	SE Trench #25		
Lab Sample ID:	233394-01	**Date Sampled:** 8/2/2023	10:20
Matrix:	Soil	**Date Received** 8/2/2023	

2,4-Dinitrotoluene	< 313	ug/Kg	8/7/2023	18:37
2,6-Dinitrotoluene	< 313	ug/Kg	8/7/2023	18:37
2-Chloronaphthalene	< 313	ug/Kg	8/7/2023	18:37
2-Chlorophenol	< 313	ug/Kg	8/7/2023	18:37
2-Methylnapthalene	< 313	ug/Kg	8/7/2023	18:37
2-Methylphenol	< 313	ug/Kg	8/7/2023	18:37
2-Nitroaniline	< 313	ug/Kg	8/7/2023	18:37
2-Nitrophenol	< 313	ug/Kg	8/7/2023	18:37
3&4-Methylphenol	< 313	ug/Kg	8/7/2023	18:37
3,3'-Dichlorobenzidine	< 313	ug/Kg	8/7/2023	18:37
3-Nitroaniline	< 313	ug/Kg	8/7/2023	18:37
4,6-Dinitro-2-methylphenol	< 419	ug/Kg	8/7/2023	18:37
4-Bromophenyl phenyl ether	< 313	ug/Kg	8/7/2023	18:37
4-Chloro-3-methylphenol	< 313	ug/Kg	8/7/2023	18:37
4-Chloroaniline	< 313	ug/Kg	8/7/2023	18:37
4-Chlorophenyl phenyl ether	< 313	ug/Kg	8/7/2023	18:37
4-Nitroaniline	< 313	ug/Kg	8/7/2023	18:37
4-Nitrophenol	< 313	ug/Kg	8/7/2023	18:37
Acenaphthene	< 313	ug/Kg	8/7/2023	18:37
Acenaphthylene	< 313	ug/Kg	8/7/2023	18:37
Acetophenone	< 313	ug/Kg	8/7/2023	18:37
Anthracene	< 313	ug/Kg	8/7/2023	18:37
Atrazine	< 313	ug/Kg	8/7/2023	18:37
Benzaldehyde	< 313	ug/Kg	8/7/2023	18:37
Benzo (a) anthracene	< 313	ug/Kg	8/7/2023	18:37
Benzo (a) pyrene	< 313	ug/Kg	8/7/2023	18:37
Benzo (b) fluoranthene	< 313	ug/Kg	8/7/2023	18:37
Benzo (g,h,i) perylene	< 313	ug/Kg	8/7/2023	18:37
Benzo (k) fluoranthene	< 313	ug/Kg	8/7/2023	18:37
Bis (2-chloroethoxy) methane	< 313	ug/Kg	8/7/2023	18:37

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 233394

Client: **Haley & Aldrich**

Project Reference: SE Trenches

Sample Identifier: SE Trench #25
Lab Sample ID: 233394-01 **Date Sampled:** 8/2/2023 10:20
Matrix: Soil **Date Received** 8/2/2023

Bis (2-chloroethyl) ether	< 313	ug/Kg	8/7/2023	18:37
Bis (2-ethylhexyl) phthalate	< 313	ug/Kg	8/7/2023	18:37
Butylbenzylphthalate	< 313	ug/Kg	8/7/2023	18:37
Caprolactam	< 313	ug/Kg	8/7/2023	18:37
Carbazole	< 313	ug/Kg	8/7/2023	18:37
Chrysene	< 313	ug/Kg	8/7/2023	18:37
Dibenz (a,h) anthracene	< 313	ug/Kg	8/7/2023	18:37
Dibenzofuran	< 313	ug/Kg	8/7/2023	18:37
Diethyl phthalate	< 313	ug/Kg	8/7/2023	18:37
Dimethyl phthalate	< 313	ug/Kg	8/7/2023	18:37
Di-n-butyl phthalate	< 313	ug/Kg	8/7/2023	18:37
Di-n-octylphthalate	< 313	ug/Kg	8/7/2023	18:37
Fluoranthene	< 313	ug/Kg	8/7/2023	18:37
Fluorene	< 313	ug/Kg	8/7/2023	18:37
Hexachlorobenzene	< 313	ug/Kg	8/7/2023	18:37
Hexachlorobutadiene	< 313	ug/Kg	8/7/2023	18:37
Hexachlorocyclopentadiene	< 1250	ug/Kg	8/7/2023	18:37
Hexachloroethane	< 313	ug/Kg	8/7/2023	18:37
Indeno (1,2,3-cd) pyrene	< 313	ug/Kg	8/7/2023	18:37
Isophorone	< 313	ug/Kg	8/7/2023	18:37
Naphthalene	< 313	ug/Kg	8/7/2023	18:37
Nitrobenzene	< 313	ug/Kg	8/7/2023	18:37
N-Nitroso-di-n-propylamine	< 313	ug/Kg	8/7/2023	18:37
N-Nitrosodiphenylamine	< 313	ug/Kg	8/7/2023	18:37
Pentachlorophenol	< 626	ug/Kg	8/7/2023	18:37
Phenanthrene	< 313	ug/Kg	8/7/2023	18:37
Phenol	< 313	ug/Kg	8/7/2023	18:37
Pyrene	< 313	ug/Kg	8/7/2023	18:37

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 233394

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Project Reference: SE Trenches

Sample Identifier: SE Trench #25
Lab Sample ID: 233394-01 **Date Sampled:** 8/2/2023 10:20
Matrix: Soil **Date Received** 8/2/2023

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
2,4,6-Tribromophenol	**65.2**	35.1 - 95.9		8/7/2023 18:37
2-Fluorobiphenyl	**63.9**	10 - 156		8/7/2023 18:37
2-Fluorophenol	**59.9**	36 - 81.3		8/7/2023 18:37
Nitrobenzene-d5	**53.7**	31.5 - 83.8		8/7/2023 18:37
Phenol-d5	**61.2**	37.7 - 84		8/7/2023 18:37
Terphenyl-d14	**67.9**	40.5 - 99.5		8/7/2023 18:37

Method Reference(s): EPA 8270D
EPA 3546
Preparation Date: 8/7/2023
Data File: B665807.D

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 5.83	ug/Kg		8/4/2023 15:29
1,1,2,2-Tetrachloroethane	< 5.83	ug/Kg		8/4/2023 15:29
1,1,2-Trichloroethane	< 5.83	ug/Kg		8/4/2023 15:29
1,1-Dichloroethane	< 5.83	ug/Kg		8/4/2023 15:29
1,1-Dichloroethene	< 5.83	ug/Kg		8/4/2023 15:29
1,2,3-Trichlorobenzene	< 14.6	ug/Kg		8/4/2023 15:29
1,2,4-Trichlorobenzene	< 14.6	ug/Kg		8/4/2023 15:29
1,2-Dibromo-3-Chloropropane	< 29.2	ug/Kg		8/4/2023 15:29
1,2-Dibromoethane	< 5.83	ug/Kg		8/4/2023 15:29
1,2-Dichlorobenzene	< 5.83	ug/Kg		8/4/2023 15:29
1,2-Dichloroethane	< 5.83	ug/Kg		8/4/2023 15:29
1,2-Dichloropropane	< 5.83	ug/Kg		8/4/2023 15:29
1,3-Dichlorobenzene	< 5.83	ug/Kg		8/4/2023 15:29
1,4-Dichlorobenzene	< 5.83	ug/Kg		8/4/2023 15:29
1,4-Dioxane	< 29.2	ug/Kg		8/4/2023 15:29
2-Butanone	< 29.2	ug/Kg		8/4/2023 15:29
2-Hexanone	< 14.6	ug/Kg		8/4/2023 15:29
4-Methyl-2-pentanone	< 14.6	ug/Kg		8/4/2023 15:29

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 233394

Client: **Haley & Aldrich**

Project Reference: SE Trenches

Sample Identifier: SE Trench #25
Lab Sample ID: 233394-01 **Date Sampled:** 8/2/2023 10:20
Matrix: Soil **Date Received** 8/2/2023

Acetone	< 29.2	ug/Kg	8/4/2023 15:29
Benzene	< 5.83	ug/Kg	8/4/2023 15:29
Bromochloromethane	< 14.6	ug/Kg	8/4/2023 15:29
Bromodichloromethane	< 5.83	ug/Kg	8/4/2023 15:29
Bromoform	< 14.6	ug/Kg	8/4/2023 15:29
Bromomethane	< 5.83	ug/Kg	8/4/2023 15:29
Carbon disulfide	< 5.83	ug/Kg	8/4/2023 15:29
Carbon Tetrachloride	< 5.83	ug/Kg	8/4/2023 15:29
Chlorobenzene	< 5.83	ug/Kg	8/4/2023 15:29
Chloroethane	< 5.83	ug/Kg	8/4/2023 15:29
Chloroform	< 5.83	ug/Kg	8/4/2023 15:29
Chloromethane	< 5.83	ug/Kg	8/4/2023 15:29
cis-1,2-Dichloroethene	< 5.83	ug/Kg	8/4/2023 15:29
cis-1,3-Dichloropropene	< 5.83	ug/Kg	8/4/2023 15:29
Cyclohexane	< 29.2	ug/Kg	8/4/2023 15:29
Dibromochloromethane	< 5.83	ug/Kg	8/4/2023 15:29
Dichlorodifluoromethane	< 5.83	ug/Kg	8/4/2023 15:29
Ethylbenzene	< 5.83	ug/Kg	8/4/2023 15:29
Freon 113	< 5.83	ug/Kg	8/4/2023 15:29
Isopropylbenzene	< 5.83	ug/Kg	8/4/2023 15:29
m,p-Xylene	< 5.83	ug/Kg	8/4/2023 15:29
Methyl acetate	< 5.83	ug/Kg	8/4/2023 15:29
Methyl tert-butyl Ether	< 5.83	ug/Kg	8/4/2023 15:29
Methylcyclohexane	< 5.83	ug/Kg	8/4/2023 15:29
Methylene chloride	< 14.6	ug/Kg	8/4/2023 15:29
o-Xylene	< 5.83	ug/Kg	8/4/2023 15:29
Styrene	< 14.6	ug/Kg	8/4/2023 15:29
Tetrachloroethene	< 5.83	ug/Kg	8/4/2023 15:29
Toluene	< 5.83	ug/Kg	8/4/2023 15:29
trans-1,2-Dichloroethene	< 5.83	ug/Kg	8/4/2023 15:29

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 233394

Client: **Haley & Aldrich**

Project Reference: SE Trenches

Sample Identifier: SE Trench #25
Lab Sample ID: 233394-01 **Date Sampled:** 8/2/2023 10:20
Matrix: Soil **Date Received** 8/2/2023

trans-1,3-Dichloropropene	< 5.83	ug/Kg	8/4/2023	15:29
Trichloroethene	< 5.83	ug/Kg	8/4/2023	15:29
Trichlorofluoromethane	< 5.83	ug/Kg	8/4/2023	15:29
Vinyl chloride	< 5.83	ug/Kg	8/4/2023	15:29

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**109**	72.3 - 128		8/4/2023	15:29
4-Bromofluorobenzene	**106**	70 - 123		8/4/2023	15:29
Pentafluorobenzene	**105**	80.7 - 124		8/4/2023	15:29
Toluene-D8	**101**	82.1 - 121		8/4/2023	15:29

Method Reference(s): EPA 8260C
EPA 5035A - L
Data File: z18580.D

This sample was not collected following SW846 5035A specifications. Accordingly, any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 233394

Client: **Haley & Aldrich**

Project Reference: SE Trenches

Sample Identifier:	SE Trench #36		
Lab Sample ID:	233394-02	**Date Sampled:** 8/2/2023	10:16
Matrix:	Soil	**Date Received** 8/2/2023	

Diesel Range Organics (C10-C28)

Analyte	Result	Units	Qualifier	Date Analyzed
Diesel Range Organics	**250000**	ug/Kg		8/9/2023 16:16

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
Nonacosane	**89.2**	10 - 126		8/9/2023 16:16

Sample chromatographic pattern does not match a typical diesel fuel fingerprint.

Method Reference(s): EPA 8015D
EPA 3546
Preparation Date: 8/7/2023
Data File: PHC0003767.D

Gasoline Range Organics (C5-C10)

Analyte	Result	Units	Qualifier	Date Analyzed
Gasoline Range Organics	**394**	ug/Kg	L	8/7/2023

Method Reference(s): EPA 8015D
Subcontractor ELAP ID: 10709

Semi-Volatile Organics (Acid/Base Neutrals)

Analyte	Result	Units	Qualifier	Date Analyzed
1,1-Biphenyl	< 317	ug/Kg		8/7/2023 19:07
1,2,4,5-Tetrachlorobenzene	< 317	ug/Kg		8/7/2023 19:07
1,2,4-Trichlorobenzene	< 317	ug/Kg		8/7/2023 19:07
1,2-Dichlorobenzene	< 317	ug/Kg		8/7/2023 19:07
1,3-Dichlorobenzene	< 317	ug/Kg		8/7/2023 19:07
1,4-Dichlorobenzene	< 317	ug/Kg		8/7/2023 19:07
2,2-Oxybis (1-chloropropane)	< 317	ug/Kg		8/7/2023 19:07
2,3,4,6-Tetrachlorophenol	< 317	ug/Kg		8/7/2023 19:07
2,4,5-Trichlorophenol	< 317	ug/Kg		8/7/2023 19:07
2,4,6-Trichlorophenol	< 317	ug/Kg		8/7/2023 19:07
2,4-Dichlorophenol	< 317	ug/Kg		8/7/2023 19:07
2,4-Dimethylphenol	< 317	ug/Kg		8/7/2023 19:07
2,4-Dinitrophenol	< 1270	ug/Kg		8/7/2023 19:07

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 233394

Client: **Haley & Aldrich**

Project Reference: SE Trenches

Sample Identifier:	SE Trench #36		
Lab Sample ID:	233394-02	**Date Sampled:** 8/2/2023	10:16
Matrix:	Soil	**Date Received** 8/2/2023	

2,4-Dinitrotoluene	< 317	ug/Kg	8/7/2023	19:07
2,6-Dinitrotoluene	< 317	ug/Kg	8/7/2023	19:07
2-Chloronaphthalene	< 317	ug/Kg	8/7/2023	19:07
2-Chlorophenol	< 317	ug/Kg	8/7/2023	19:07
2-Methylnapthalene	< 317	ug/Kg	8/7/2023	19:07
2-Methylphenol	< 317	ug/Kg	8/7/2023	19:07
2-Nitroaniline	< 317	ug/Kg	8/7/2023	19:07
2-Nitrophenol	< 317	ug/Kg	8/7/2023	19:07
3&4-Methylphenol	< 317	ug/Kg	8/7/2023	19:07
3,3'-Dichlorobenzidine	< 317	ug/Kg	8/7/2023	19:07
3-Nitroaniline	< 317	ug/Kg	8/7/2023	19:07
4,6-Dinitro-2-methylphenol	< 424	ug/Kg	8/7/2023	19:07
4-Bromophenyl phenyl ether	< 317	ug/Kg	8/7/2023	19:07
4-Chloro-3-methylphenol	< 317	ug/Kg	8/7/2023	19:07
4-Chloroaniline	< 317	ug/Kg	8/7/2023	19:07
4-Chlorophenyl phenyl ether	< 317	ug/Kg	8/7/2023	19:07
4-Nitroaniline	< 317	ug/Kg	8/7/2023	19:07
4-Nitrophenol	< 317	ug/Kg	8/7/2023	19:07
Acenaphthene	< 317	ug/Kg	8/7/2023	19:07
Acenaphthylene	< 317	ug/Kg	8/7/2023	19:07
Acetophenone	< 317	ug/Kg	8/7/2023	19:07
Anthracene	< 317	ug/Kg	8/7/2023	19:07
Atrazine	< 317	ug/Kg	8/7/2023	19:07
Benzaldehyde	< 317	ug/Kg	8/7/2023	19:07
Benzo (a) anthracene	< 317	ug/Kg	8/7/2023	19:07
Benzo (a) pyrene	< 317	ug/Kg	8/7/2023	19:07
Benzo (b) fluoranthene	< 317	ug/Kg	8/7/2023	19:07
Benzo (g,h,i) perylene	< 317	ug/Kg	8/7/2023	19:07
Benzo (k) fluoranthene	< 317	ug/Kg	8/7/2023	19:07
Bis (2-chloroethoxy) methane	< 317	ug/Kg	8/7/2023	19:07

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 233394

Client: **Haley & Aldrich**

Project Reference: SE Trenches

Sample Identifier: SE Trench #36
Lab Sample ID: 233394-02 **Date Sampled:** 8/2/2023 10:16
Matrix: Soil **Date Received** 8/2/2023

Bis (2-chloroethyl) ether	< 317	ug/Kg	8/7/2023	19:07
Bis (2-ethylhexyl) phthalate	< 317	ug/Kg	8/7/2023	19:07
Butylbenzylphthalate	< 317	ug/Kg	8/7/2023	19:07
Caprolactam	< 317	ug/Kg	8/7/2023	19:07
Carbazole	< 317	ug/Kg	8/7/2023	19:07
Chrysene	< 317	ug/Kg	8/7/2023	19:07
Dibenz (a,h) anthracene	< 317	ug/Kg	8/7/2023	19:07
Dibenzofuran	< 317	ug/Kg	8/7/2023	19:07
Diethyl phthalate	< 317	ug/Kg	8/7/2023	19:07
Dimethyl phthalate	< 317	ug/Kg	8/7/2023	19:07
Di-n-butyl phthalate	< 317	ug/Kg	8/7/2023	19:07
Di-n-octylphthalate	< 317	ug/Kg	8/7/2023	19:07
Fluoranthene	**495**	ug/Kg	8/7/2023	19:07
Fluorene	< 317	ug/Kg	8/7/2023	19:07
Hexachlorobenzene	< 317	ug/Kg	8/7/2023	19:07
Hexachlorobutadiene	< 317	ug/Kg	8/7/2023	19:07
Hexachlorocyclopentadiene	< 1270	ug/Kg	8/7/2023	19:07
Hexachloroethane	< 317	ug/Kg	8/7/2023	19:07
Indeno (1,2,3-cd) pyrene	< 317	ug/Kg	8/7/2023	19:07
Isophorone	< 317	ug/Kg	8/7/2023	19:07
Naphthalene	< 317	ug/Kg	8/7/2023	19:07
Nitrobenzene	< 317	ug/Kg	8/7/2023	19:07
N-Nitroso-di-n-propylamine	< 317	ug/Kg	8/7/2023	19:07
N-Nitrosodiphenylamine	< 317	ug/Kg	8/7/2023	19:07
Pentachlorophenol	< 633	ug/Kg	8/7/2023	19:07
Phenanthrene	**518**	ug/Kg	8/7/2023	19:07
Phenol	< 317	ug/Kg	8/7/2023	19:07
Pyrene	**453**	ug/Kg	8/7/2023	19:07

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 233394

Client: **Haley & Aldrich**

Project Reference: SE Trenches

Sample Identifier: SE Trench #36
Lab Sample ID: 233394-02 **Date Sampled:** 8/2/2023 10:16
Matrix: Soil **Date Received** 8/2/2023

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
2,4,6-Tribromophenol	**72.7**	35.1 - 95.9		8/7/2023 19:07
2-Fluorobiphenyl	**66.8**	10 - 156		8/7/2023 19:07
2-Fluorophenol	**66.3**	36 - 81.3		8/7/2023 19:07
Nitrobenzene-d5	**62.2**	31.5 - 83.8		8/7/2023 19:07
Phenol-d5	**63.8**	37.7 - 84		8/7/2023 19:07
Terphenyl-d14	**74.1**	40.5 - 99.5		8/7/2023 19:07

Method Reference(s): EPA 8270D
EPA 3546
Preparation Date: 8/7/2023
Data File: B665808.D

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 8.45	ug/Kg		8/4/2023 15:49
1,1,2,2-Tetrachloroethane	< 8.45	ug/Kg		8/4/2023 15:49
1,1,2-Trichloroethane	< 8.45	ug/Kg		8/4/2023 15:49
1,1-Dichloroethane	< 8.45	ug/Kg		8/4/2023 15:49
1,1-Dichloroethene	< 8.45	ug/Kg		8/4/2023 15:49
1,2,3-Trichlorobenzene	< 21.1	ug/Kg		8/4/2023 15:49
1,2,4-Trichlorobenzene	< 21.1	ug/Kg		8/4/2023 15:49
1,2-Dibromo-3-Chloropropane	< 42.2	ug/Kg		8/4/2023 15:49
1,2-Dibromoethane	< 8.45	ug/Kg		8/4/2023 15:49
1,2-Dichlorobenzene	< 8.45	ug/Kg		8/4/2023 15:49
1,2-Dichloroethane	< 8.45	ug/Kg		8/4/2023 15:49
1,2-Dichloropropane	< 8.45	ug/Kg		8/4/2023 15:49
1,3-Dichlorobenzene	< 8.45	ug/Kg		8/4/2023 15:49
1,4-Dichlorobenzene	< 8.45	ug/Kg		8/4/2023 15:49
1,4-Dioxane	< 42.2	ug/Kg		8/4/2023 15:49
2-Butanone	< 42.2	ug/Kg		8/4/2023 15:49
2-Hexanone	< 21.1	ug/Kg		8/4/2023 15:49
4-Methyl-2-pentanone	< 21.1	ug/Kg		8/4/2023 15:49

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 233394

Client: **Haley & Aldrich**

Project Reference: SE Trenches

Sample Identifier: SE Trench #36
Lab Sample ID: 233394-02 **Date Sampled:** 8/2/2023 10:16
Matrix: Soil **Date Received** 8/2/2023

Acetone	< 42.2	ug/Kg	8/4/2023	15:49
Benzene	< 8.45	ug/Kg	8/4/2023	15:49
Bromochloromethane	< 21.1	ug/Kg	8/4/2023	15:49
Bromodichloromethane	< 8.45	ug/Kg	8/4/2023	15:49
Bromoform	< 21.1	ug/Kg	8/4/2023	15:49
Bromomethane	< 8.45	ug/Kg	8/4/2023	15:49
Carbon disulfide	< 8.45	ug/Kg	8/4/2023	15:49
Carbon Tetrachloride	< 8.45	ug/Kg	8/4/2023	15:49
Chlorobenzene	< 8.45	ug/Kg	8/4/2023	15:49
Chloroethane	< 8.45	ug/Kg	8/4/2023	15:49
Chloroform	< 8.45	ug/Kg	8/4/2023	15:49
Chloromethane	< 8.45	ug/Kg	8/4/2023	15:49
cis-1,2-Dichloroethene	< 8.45	ug/Kg	8/4/2023	15:49
cis-1,3-Dichloropropene	< 8.45	ug/Kg	8/4/2023	15:49
Cyclohexane	< 42.2	ug/Kg	8/4/2023	15:49
Dibromochloromethane	< 8.45	ug/Kg	8/4/2023	15:49
Dichlorodifluoromethane	< 8.45	ug/Kg	8/4/2023	15:49
Ethylbenzene	< 8.45	ug/Kg	8/4/2023	15:49
Freon 113	< 8.45	ug/Kg	8/4/2023	15:49
Isopropylbenzene	**48.4**	ug/Kg	8/4/2023	15:49
m,p-Xylene	**18.9**	ug/Kg	8/4/2023	15:49
Methyl acetate	< 8.45	ug/Kg	8/4/2023	15:49
Methyl tert-butyl Ether	< 8.45	ug/Kg	8/4/2023	15:49
Methylcyclohexane	< 8.45	ug/Kg	8/4/2023	15:49
Methylene chloride	< 21.1	ug/Kg	8/4/2023	15:49
o-Xylene	< 8.45	ug/Kg	8/4/2023	15:49
Styrene	< 21.1	ug/Kg	8/4/2023	15:49
Tetrachloroethene	< 8.45	ug/Kg	8/4/2023	15:49
Toluene	< 8.45	ug/Kg	8/4/2023	15:49
trans-1,2-Dichloroethene	< 8.45	ug/Kg	8/4/2023	15:49

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 233394

Client: **Haley & Aldrich**

Project Reference: SE Trenches

Sample Identifier: SE Trench #36
Lab Sample ID: 233394-02 **Date Sampled:** 8/2/2023 10:16
Matrix: Soil **Date Received** 8/2/2023

trans-1,3-Dichloropropene	< 8.45	ug/Kg	8/4/2023	15:49
Trichloroethene	< 8.45	ug/Kg	8/4/2023	15:49
Trichlorofluoromethane	< 8.45	ug/Kg	8/4/2023	15:49
Vinyl chloride	< 8.45	ug/Kg	8/4/2023	15:49

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**106**	72.3 - 128		8/4/2023	15:49
4-Bromofluorobenzene	**89.7**	70 - 123		8/4/2023	15:49
Pentafluorobenzene	**100**	80.7 - 124		8/4/2023	15:49
Toluene-D8	**100**	82.1 - 121		8/4/2023	15:49

Method Reference(s): EPA 8260C
EPA 5035A - L
Data File: z18581.D

This sample was not collected following SW846 5035A specifications. Accordingly, any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 233394

Client: **Haley & Aldrich**

Project Reference: SE Trenches

Sample Identifier:	SE Trench #29		
Lab Sample ID:	233394-03	**Date Sampled:** 8/2/2023	10:25
Matrix:	Soil	**Date Received** 8/2/2023	

Diesel Range Organics (C10-C28)

Analyte	Result	Units	Qualifier	Date Analyzed
Diesel Range Organics	**112000**	ug/Kg		8/9/2023 16:47

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
Nonacosane	**65.2**	10 - 126		8/9/2023 16:47

Sample chromatographic pattern does not match a typical diesel fuel fingerprint.

Method Reference(s): EPA 8015D
EPA 3546
Preparation Date: 8/7/2023
Data File: PHC0003768.D

Gasoline Range Organics (C5-C10)

Analyte	Result	Units	Qualifier	Date Analyzed
Gasoline Range Organics	**266**	ug/Kg	L	8/7/2023

Method Reference(s): EPA 8015D
Subcontractor ELAP ID: 10709

Semi-Volatile Organics (Acid/Base Neutrals)

Analyte	Result	Units	Qualifier	Date Analyzed
1,1-Biphenyl	< 286	ug/Kg		8/7/2023 19:37
1,2,4,5-Tetrachlorobenzene	< 286	ug/Kg		8/7/2023 19:37
1,2,4-Trichlorobenzene	< 286	ug/Kg		8/7/2023 19:37
1,2-Dichlorobenzene	< 286	ug/Kg		8/7/2023 19:37
1,3-Dichlorobenzene	< 286	ug/Kg		8/7/2023 19:37
1,4-Dichlorobenzene	< 286	ug/Kg		8/7/2023 19:37
2,2-Oxybis (1-chloropropane)	< 286	ug/Kg		8/7/2023 19:37
2,3,4,6-Tetrachlorophenol	< 286	ug/Kg		8/7/2023 19:37
2,4,5-Trichlorophenol	< 286	ug/Kg		8/7/2023 19:37
2,4,6-Trichlorophenol	< 286	ug/Kg		8/7/2023 19:37
2,4-Dichlorophenol	< 286	ug/Kg		8/7/2023 19:37
2,4-Dimethylphenol	< 286	ug/Kg		8/7/2023 19:37
2,4-Dinitrophenol	< 1140	ug/Kg		8/7/2023 19:37

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 233394

Client: **Haley & Aldrich**

Project Reference: SE Trenches

Sample Identifier: SE Trench #29
Lab Sample ID: 233394-03 **Date Sampled:** 8/2/2023 10:25
Matrix: Soil **Date Received** 8/2/2023

2,4-Dinitrotoluene	< 286	ug/Kg	8/7/2023	19:37
2,6-Dinitrotoluene	< 286	ug/Kg	8/7/2023	19:37
2-Chloronaphthalene	< 286	ug/Kg	8/7/2023	19:37
2-Chlorophenol	< 286	ug/Kg	8/7/2023	19:37
2-Methylnapthalene	< 286	ug/Kg	8/7/2023	19:37
2-Methylphenol	< 286	ug/Kg	8/7/2023	19:37
2-Nitroaniline	< 286	ug/Kg	8/7/2023	19:37
2-Nitrophenol	< 286	ug/Kg	8/7/2023	19:37
3&4-Methylphenol	< 286	ug/Kg	8/7/2023	19:37
3,3'-Dichlorobenzidine	< 286	ug/Kg	8/7/2023	19:37
3-Nitroaniline	< 286	ug/Kg	8/7/2023	19:37
4,6-Dinitro-2-methylphenol	< 383	ug/Kg	8/7/2023	19:37
4-Bromophenyl phenyl ether	< 286	ug/Kg	8/7/2023	19:37
4-Chloro-3-methylphenol	< 286	ug/Kg	8/7/2023	19:37
4-Chloroaniline	< 286	ug/Kg	8/7/2023	19:37
4-Chlorophenyl phenyl ether	< 286	ug/Kg	8/7/2023	19:37
4-Nitroaniline	< 286	ug/Kg	8/7/2023	19:37
4-Nitrophenol	< 286	ug/Kg	8/7/2023	19:37
Acenaphthene	< 286	ug/Kg	8/7/2023	19:37
Acenaphthylene	< 286	ug/Kg	8/7/2023	19:37
Acetophenone	< 286	ug/Kg	8/7/2023	19:37
Anthracene	< 286	ug/Kg	8/7/2023	19:37
Atrazine	< 286	ug/Kg	8/7/2023	19:37
Benzaldehyde	< 286	ug/Kg	8/7/2023	19:37
Benzo (a) anthracene	< 286	ug/Kg	8/7/2023	19:37
Benzo (a) pyrene	< 286	ug/Kg	8/7/2023	19:37
Benzo (b) fluoranthene	< 286	ug/Kg	8/7/2023	19:37
Benzo (g,h,i) perylene	< 286	ug/Kg	8/7/2023	19:37
Benzo (k) fluoranthene	< 286	ug/Kg	8/7/2023	19:37
Bis (2-chloroethoxy) methane	< 286	ug/Kg	8/7/2023	19:37

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 233394

Client: **Haley & Aldrich**

Project Reference: SE Trenches

Sample Identifier: SE Trench #29
Lab Sample ID: 233394-03 **Date Sampled:** 8/2/2023 10:25
Matrix: Soil **Date Received** 8/2/2023

Bis (2-chloroethyl) ether	< 286	ug/Kg	8/7/2023	19:37
Bis (2-ethylhexyl) phthalate	< 286	ug/Kg	8/7/2023	19:37
Butylbenzylphthalate	< 286	ug/Kg	8/7/2023	19:37
Caprolactam	< 286	ug/Kg	8/7/2023	19:37
Carbazole	< 286	ug/Kg	8/7/2023	19:37
Chrysene	< 286	ug/Kg	8/7/2023	19:37
Dibenz (a,h) anthracene	< 286	ug/Kg	8/7/2023	19:37
Dibenzofuran	< 286	ug/Kg	8/7/2023	19:37
Diethyl phthalate	< 286	ug/Kg	8/7/2023	19:37
Dimethyl phthalate	< 286	ug/Kg	8/7/2023	19:37
Di-n-butyl phthalate	< 286	ug/Kg	8/7/2023	19:37
Di-n-octylphthalate	< 286	ug/Kg	8/7/2023	19:37
Fluoranthene	**398**	ug/Kg	8/7/2023	19:37
Fluorene	< 286	ug/Kg	8/7/2023	19:37
Hexachlorobenzene	< 286	ug/Kg	8/7/2023	19:37
Hexachlorobutadiene	< 286	ug/Kg	8/7/2023	19:37
Hexachlorocyclopentadiene	< 1140	ug/Kg	8/7/2023	19:37
Hexachloroethane	< 286	ug/Kg	8/7/2023	19:37
Indeno (1,2,3-cd) pyrene	< 286	ug/Kg	8/7/2023	19:37
Isophorone	< 286	ug/Kg	8/7/2023	19:37
Naphthalene	< 286	ug/Kg	8/7/2023	19:37
Nitrobenzene	< 286	ug/Kg	8/7/2023	19:37
N-Nitroso-di-n-propylamine	< 286	ug/Kg	8/7/2023	19:37
N-Nitrosodiphenylamine	< 286	ug/Kg	8/7/2023	19:37
Pentachlorophenol	< 572	ug/Kg	8/7/2023	19:37
Phenanthrene	< 286	ug/Kg	8/7/2023	19:37
Phenol	< 286	ug/Kg	8/7/2023	19:37
Pyrene	**382**	ug/Kg	8/7/2023	19:37

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 233394

Client: **Haley & Aldrich**

Project Reference: SE Trenches

Sample Identifier: SE Trench #29
Lab Sample ID: 233394-03 **Date Sampled:** 8/2/2023 10:25
Matrix: Soil **Date Received** 8/2/2023

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
2,4,6-Tribromophenol	**68.3**	35.1 - 95.9		8/7/2023 19:37
2-Fluorobiphenyl	**62.6**	10 - 156		8/7/2023 19:37
2-Fluorophenol	**58.3**	36 - 81.3		8/7/2023 19:37
Nitrobenzene-d5	**55.0**	31.5 - 83.8		8/7/2023 19:37
Phenol-d5	**57.5**	37.7 - 84		8/7/2023 19:37
Terphenyl-d14	**71.2**	40.5 - 99.5		8/7/2023 19:37

Method Reference(s): EPA 8270D
EPA 3546
Preparation Date: 8/7/2023
Data File: B665809.D

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 7.78	ug/Kg		8/4/2023 16:08
1,1,2,2-Tetrachloroethane	< 7.78	ug/Kg		8/4/2023 16:08
1,1,2-Trichloroethane	< 7.78	ug/Kg		8/4/2023 16:08
1,1-Dichloroethane	< 7.78	ug/Kg		8/4/2023 16:08
1,1-Dichloroethene	< 7.78	ug/Kg		8/4/2023 16:08
1,2,3-Trichlorobenzene	< 19.5	ug/Kg		8/4/2023 16:08
1,2,4-Trichlorobenzene	< 19.5	ug/Kg		8/4/2023 16:08
1,2-Dibromo-3-Chloropropane	< 38.9	ug/Kg		8/4/2023 16:08
1,2-Dibromoethane	< 7.78	ug/Kg		8/4/2023 16:08
1,2-Dichlorobenzene	< 7.78	ug/Kg		8/4/2023 16:08
1,2-Dichloroethane	< 7.78	ug/Kg		8/4/2023 16:08
1,2-Dichloropropane	< 7.78	ug/Kg		8/4/2023 16:08
1,3-Dichlorobenzene	< 7.78	ug/Kg		8/4/2023 16:08
1,4-Dichlorobenzene	< 7.78	ug/Kg		8/4/2023 16:08
1,4-Dioxane	< 38.9	ug/Kg		8/4/2023 16:08
2-Butanone	< 38.9	ug/Kg		8/4/2023 16:08
2-Hexanone	< 19.5	ug/Kg		8/4/2023 16:08
4-Methyl-2-pentanone	< 19.5	ug/Kg		8/4/2023 16:08

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 233394

Client: **Haley & Aldrich**

Project Reference: SE Trenches

Sample Identifier: SE Trench #29
Lab Sample ID: 233394-03 **Date Sampled:** 8/2/2023 10:25
Matrix: Soil **Date Received** 8/2/2023

Acetone	< 38.9	ug/Kg	8/4/2023	16:08
Benzene	< 7.78	ug/Kg	8/4/2023	16:08
Bromochloromethane	< 19.5	ug/Kg	8/4/2023	16:08
Bromodichloromethane	< 7.78	ug/Kg	8/4/2023	16:08
Bromoform	< 19.5	ug/Kg	8/4/2023	16:08
Bromomethane	< 7.78	ug/Kg	8/4/2023	16:08
Carbon disulfide	< 7.78	ug/Kg	8/4/2023	16:08
Carbon Tetrachloride	< 7.78	ug/Kg	8/4/2023	16:08
Chlorobenzene	< 7.78	ug/Kg	8/4/2023	16:08
Chloroethane	< 7.78	ug/Kg	8/4/2023	16:08
Chloroform	< 7.78	ug/Kg	8/4/2023	16:08
Chloromethane	< 7.78	ug/Kg	8/4/2023	16:08
cis-1,2-Dichloroethene	< 7.78	ug/Kg	8/4/2023	16:08
cis-1,3-Dichloropropene	< 7.78	ug/Kg	8/4/2023	16:08
Cyclohexane	< 38.9	ug/Kg	8/4/2023	16:08
Dibromochloromethane	< 7.78	ug/Kg	8/4/2023	16:08
Dichlorodifluoromethane	< 7.78	ug/Kg	8/4/2023	16:08
Ethylbenzene	< 7.78	ug/Kg	8/4/2023	16:08
Freon 113	< 7.78	ug/Kg	8/4/2023	16:08
Isopropylbenzene	< 7.78	ug/Kg	8/4/2023	16:08
m,p-Xylene	< 7.78	ug/Kg	8/4/2023	16:08
Methyl acetate	< 7.78	ug/Kg	8/4/2023	16:08
Methyl tert-butyl Ether	< 7.78	ug/Kg	8/4/2023	16:08
Methylcyclohexane	< 7.78	ug/Kg	8/4/2023	16:08
Methylene chloride	< 19.5	ug/Kg	8/4/2023	16:08
o-Xylene	< 7.78	ug/Kg	8/4/2023	16:08
Styrene	< 19.5	ug/Kg	8/4/2023	16:08
Tetrachloroethene	< 7.78	ug/Kg	8/4/2023	16:08
Toluene	< 7.78	ug/Kg	8/4/2023	16:08
trans-1,2-Dichloroethene	< 7.78	ug/Kg	8/4/2023	16:08

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 233394

Client: **Haley & Aldrich**

Project Reference: SE Trenches

Sample Identifier: SE Trench #29
Lab Sample ID: 233394-03 **Date Sampled:** 8/2/2023 10:25
Matrix: Soil **Date Received** 8/2/2023

trans-1,3-Dichloropropene	< 7.78	ug/Kg		8/4/2023 16:08
Trichloroethene	< 7.78	ug/Kg		8/4/2023 16:08
Trichlorofluoromethane	< 7.78	ug/Kg		8/4/2023 16:08
Vinyl chloride	< 7.78	ug/Kg		8/4/2023 16:08

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
1,2-Dichloroethane-d4	**99.1**	72.3 - 128		8/4/2023 16:08
4-Bromofluorobenzene	**92.4**	70 - 123		8/4/2023 16:08
Pentafluorobenzene	**100**	80.7 - 124		8/4/2023 16:08
Toluene-D8	**98.0**	82.1 - 121		8/4/2023 16:08

Method Reference(s): EPA 8260C
EPA 5035A - L
Data File: z18582.D

This sample was not collected following SW846 5035A specifications. Accordingly, any Volatiles soil results that are less than 200 ug/Kg, including Non Detects, may be biased low, per ELAP method 5035 guidance document from 11/15/2012.

Analytical Report Appendix

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

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

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

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

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"<" = Analyzed for but not detected at or above the quantitation limit.
"E" = Result has been estimated, calibration limit exceeded.
"H" = Denotes a parameter analyzed outside of holding time.
"Z" = See case narrative.
"D" = Sample, Laboratory Control Sample, or Matrix Spike Duplicate results above Relative Percent Difference limit.
"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.
"B" = Method blank contained trace levels of analyte. Refer to included method blank report.
"J" = Result estimated between the quantitation limit and half the quantitation limit.
"L" = Laboratory Control Sample recovery outside accepted QC limits.
"P" = Concentration differs by more than 40% between the primary and secondary analytical columns.
"NC" = Not calculable. Applicable to RPD if sample or duplicate result is non-detect or estimated (see primary report for data flags). Applicable to MS if sample is greater or equal to ten times the spike added. Applicable to sample surrogates or MS if sample dilution is 10x or higher.
"" = Indicates any recoveries outside associated acceptance windows. Surrogate outliers in samples are presumed matrix effects. LCS demonstrates method compliance unless otherwise noted.*
"(1)" = Indicates data from primary column used for QC calculation.
"A" = denotes a parameter for which ELAP does not offer approval as part of their laboratory certification program.
"F" = denotes a parameter for which Paradigm does not carry certification, the results for which should therefore only be used where ELAP certification is not required, such as personal exposure assessment.

GENERAL TERMS AND CONDITIONS
LABORATORY SERVICES

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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.

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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.

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

1 of 2

CHAIN OF CUSTODY

PARADIGM
ENVIRONMENTAL SERVICES

REPORT TO:		INVOICE TO:		
COMPANY:	Haley & Aldrich of NY	COMPANY:	SAME	LAB PROJECT ID: 233944
address:	200 Town Center Dr	ADDRESS:		
CITY:	Rochester	STATE: NY	ZIP: 14618	CITY: STATE: ZIP:	Quotation #:
PHONE:	585 321 4245	FAX:	PHONE:	FAX:	Email: dconley@haleyaldrich.com
ATTN:	Denis Conley		ATTN:	

PROJECT REFERENCE

Matrix Codes:
AQ - Aqueous Liquid; NQ - Non-Aqueous Liquid; WA - Water; WG - Groundwater; DW - Drinking Water; WW - Wastewater; SO - Soil; SL - Sludge; SD - Solid; PT - Paint; WP - Wipe; CK - Caulk; OL - Oil; AR - Air

REQUESTED ANALYSIS

DATE COLLECTED	TIME COLLECTED	COMPOSITE	GRAB	SAMPLE IDENTIFIER	MATRIX CODES	NUMBER OF CONTAINERS	VOCs 8260 TCL	SVOCs 8270 TCL	TPH GRO	DRO	REMARKS	PARADIGM LAB SAMPLE NUMBER
8/2/23	10:20		X	SE TRENCH #25 SO	S	1	X	X	X			01
8/2/23	10:16		X	SE TRENCH #36 SO	S	1	X	X	X			02
8/2/23	10:25		X	SE TRENCH #29 SO	S	1	X	X	X			03

PK received 8/2/23

Turnaround Time		Report Supplements			
Availability contingent upon lab approval; additional fees may apply.					
Standard 5 day	☒	None Required	☐	None Required	☐
10 day	☐	Batch QC	☐	Basic EDD	☐
Rush 3 day	☐	Category A	☐	NYSDEC EDD	☐
Rush 2 day	☐	Category B	☐		
Rush 1 day	☐				
Other please indicate date needed:	☐	Other please indicate package needed:	☐	Other EDD please indicate EDD needed :	☐

Denis Conley — Sampled By — 8/2/23 1041 — Date/Time

Total Cost:

Relinquished By — Date/Time: 8/2/23 1041

Received By — Date/Time: 8/2/23 1045

P.I.F.

Received @ Lab By — 23°C — Date/Time: 8/2/23 1041

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

See additional page for sample conditions.

PARADIGM

Chain of Custody Supplement

Client: H+A **Completed by:** MK

Lab Project ID: 223394 **Date:** 8/2/23

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	X	X VOA	
Comments		5035	
Transferred to method-compliant container	X g2 → g1 GRO		X
Headspace (<1 mL)			X
Comments			
Preservation			X
Comments			
Chlorine Absent (<0.10 ppm per test strip)			X
Comments			
Holding Time	X		
Comments			
Temperature		X	
Comments		23°C	
Compliant Sample Quantity/Type	X		
Comments			

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

1061

CHAIN OF CUSTODY

230803012

ELAP ID: 10709

REPORT TO:		INVOICE TO:			
COMPANY:	Paradigm Environmental	COMPANY:	Same	LAB PROJECT #:	CLIENT PROJECT #:
ADDRESS:		ADDRESS:			
CITY: STATE: ZIP:		CITY: STATE: ZIP:		TURNAROUND TIME: (WORKING DAYS)	
PHONE: FAX:		PHONE: FAX:			STD OTHER
PROJECT NAME/SITE NAME:		ATTN:	Reporting	ATTN:	Accounts Payable	☐ 1 ☐ 2 ☐ 3 ☑ 5 ☐
		COMMENTS:	Please email results to reporting@paradigmenv.com	Date Due:	8/10/23

REQUESTED ANALYSIS

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER OF CONTAINERS	GRO										REMARKS	PARADIGM LAB SAMPLE NUMBER
1	8/2/23	1020		X	SE Trench #25	SO	1	X										233394-01	
2	8/2/23	1016		X	SE Trench #36	SO	1	X										233394-02	
3	8/2/23	1025		X	SE Trench #29	SO	1	X										233394-03	
4																			
5																			
6																			
7																			
8																			
9																			
10																			

****LAB USE ONLY BELOW THIS LINE****

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

Receipt Parameter	NELAC Compliance	
Container Type:	Y ☐	N ☐
Comments:		
Preservation:	Y ☐	N ☐
Comments:		
Holding Time:	Y ☐	N ☐
Comments:		
Temperature:	Y ☐	N ☐
Comments:		

Client

Sampled By	Date/Time	
Morgan E Tilton	8/3/23	0830
Relinquished By	Date/Time	
	8/3/23	1:45
Received By	Date/Time	
	8/3/23	1700
Received @ Lab By	Date/Time	

Total Cost:

P.I.F.

PARADIGM

PARADIGM
ENVIRONMENTAL SERVICES, INC

Analytical Report For

GM Components Holdings, LLC

For Lab Project ID

233235

Referencing

GMCH North Side GW Monitoring

Prepared

Monday, July 31, 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

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 233235

Client: **GM Components Holdings, LLC**

Project Reference: GMCH North Side GW Monitoring

Sample Identifier:	Groundwater North Side (Combined)		
Lab Sample ID:	233235-01	**Date Sampled:** 7/24/2023	10:31
Matrix:	Wastewater	**Date Received** 7/24/2023	

PCBs

Analyte	Result	Units	Qualifier	Date Analyzed
PCB-1016	< 0.0478	ug/L		7/28/2023 12:22
PCB-1221	< 0.0478	ug/L		7/28/2023 12:22
PCB-1232	< 0.0478	ug/L		7/28/2023 12:22
PCB-1242	< 0.0478	ug/L		7/28/2023 12:22
PCB-1248	< 0.0478	ug/L		7/28/2023 12:22
PCB-1254	< 0.0478	ug/L		7/28/2023 12:22
PCB-1260	< 0.0478	ug/L		7/28/2023 12:22

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
Tetrachloro-m-xylene	**61.2**	10 - 122		7/28/2023 12:22

Method Reference(s): EPA 608.3
Preparation Date: 7/27/2023

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 4.00	ug/L		7/25/2023 15:16
1,1,2,2-Tetrachloroethane	< 4.00	ug/L		7/25/2023 15:16
1,1,2-Trichloroethane	< 4.00	ug/L		7/25/2023 15:16
1,1-Dichloroethane	< 4.00	ug/L		7/25/2023 15:16
1,1-Dichloroethene	< 4.00	ug/L		7/25/2023 15:16
1,2-Dichlorobenzene	< 4.00	ug/L		7/25/2023 15:16
1,2-Dichloroethane	< 4.00	ug/L		7/25/2023 15:16
1,2-Dichloropropane	< 4.00	ug/L		7/25/2023 15:16
1,3-Dichlorobenzene	< 4.00	ug/L		7/25/2023 15:16
1,4-Dichlorobenzene	< 4.00	ug/L		7/25/2023 15:16
2-Chloroethyl vinyl Ether	< 10.0	ug/L		7/25/2023 15:16
Benzene	< 2.00	ug/L		7/25/2023 15:16
Bromodichloromethane	< 4.00	ug/L		7/25/2023 15:16
Bromoform	< 10.0	ug/L		7/25/2023 15:16

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 233235

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Lab Sample ID: 233235-01 **Date Sampled:** 7/24/2023 10:31
Matrix: Wastewater **Date Received** 7/24/2023

Bromomethane	< 4.00	ug/L	7/25/2023	15:16
Carbon Tetrachloride	< 4.00	ug/L	7/25/2023	15:16
Chlorobenzene	< 4.00	ug/L	7/25/2023	15:16
Chloroethane	< 4.00	ug/L	7/25/2023	15:16
Chloroform	< 4.00	ug/L	7/25/2023	15:16
Chloromethane	< 4.00	ug/L	7/25/2023	15:16
cis-1,2-Dichloroethene	**12.0**	ug/L	7/25/2023	15:16
cis-1,3-Dichloropropene	< 4.00	ug/L	7/25/2023	15:16
Dibromochloromethane	< 4.00	ug/L	7/25/2023	15:16
Ethylbenzene	< 4.00	ug/L	7/25/2023	15:16
Methylene chloride	< 10.0	ug/L	7/25/2023	15:16
Tetrachloroethene	< 4.00	ug/L	7/25/2023	15:16
Toluene	< 4.00	ug/L	7/25/2023	15:16
trans-1,2-Dichloroethene	< 4.00	ug/L	7/25/2023	15:16
trans-1,3-Dichloropropene	< 4.00	ug/L	7/25/2023	15:16
Trichloroethene	< 4.00	ug/L	7/25/2023	15:16
Trichlorofluoromethane	< 4.00	ug/L	7/25/2023	15:16
Vinyl chloride	**284**	ug/L	7/25/2023	15:16

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**123**	79.7 - 118	*	7/25/2023	15:16
4-Bromofluorobenzene	**89.3**	80.1 - 112		7/25/2023	15:16
Pentafluorobenzene	**97.5**	88 - 115		7/25/2023	15:16
Toluene-D8	**97.1**	88.2 - 113		7/25/2023	15:16

Method Reference(s): EPA 624.1
Data File: z18385.D

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

Analytical Report Appendix

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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.

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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.

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

CHAIN OF CUSTODY

1 of 2

REPORT TO:		INVOICE TO:		LAB PROJECT ID
CLIENT:	GM Components Holdings, LLC	CLIENT:	H&A AP@haleyaldrich.com	233235
ADDRESS:	1000 Lexington Ave	ADDRESS:	200 Town Center Drive Suite 2	
CITY:	Rochester STATE: NY ZIP: 14606	CITY:	Rochester STATE: NY ZIP: 14623	Quotation #:
PHONE:	585-647-4766, 585-280-3352	PHONE:	(585) 321-4219	Email: gail.finkelstein@gm.com
ATTN:	Erik Anderson, Robert Lydell, Natalie Hahn, Gail Finke	ATTN:	Claire Mondello Project Ref# 127982-006	erik.anderson@gm.com natalie.hahn@gm.com

PROJECT REFERENCE

GMCH North Side GW Monitoring

Matrix Codes:
AQ - Aqueous Liquid; **NQ** - Non-Aqueous Liquid; **WA** - Water; **WG** - Groundwater; **DW** - Drinking Water; **WW** - Wastewater; **SO** - Soil; **SL** - Sludge; **SD** - Solid; **PT** - Paint; **WP** - Wipe; **CK** - Caulk; **OL** - Oil; **AR** - Air

REQUESTED ANALYSIS

DATE COLLECTED	TIME COLLECTED	COMPOSITE	GRAB	SAMPLE IDENTIFIER	MATRIX CODES	NUMBER OF CONTAINERS	PCBs 608	624 Site Specific(HCL)								REMARKS	PARADIGM LAB SAMPLE NUMBER
7/24/2023	1031		X	Groundwater North Side(Combined)	WW	3	X	X								low level PCB DL (0.1 ppb)	01
																624 + cis-1,2 DCE	
																email results to Denis Conley	
																dconley@haleyaldrich.com	

Turnaround Time		Report Supplements			
Availability contingent upon lab approval; additional fees may apply.					
Standard 5 day	X	None Required		None Required	
10 day		Batch QC		Basic EDD	
Rush 3 day		Category A		NYSDEC EDD	
Rush 2 day		Category B			
Rush 1 day					
Other		Other		Other EDD	
please indicate date needed:		please indicate package needed:		please indicate EDD needed :	

Joe Fowler — Sampled By Paradigm — 7/24/2023 — Date/Time

Joe Fowler — Relinquished By — 7/24/2023 @ 1159 — Date/Time

Total Cost:

Received By — Date/Time

P.I.F.

Received @ Lab By — 7/24/23 12:19 — Date/Time

16.6°C Iceon Field Qm 7/24/23 1210

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

See additional page for sample conditions.

PARADIGM

Chain of Custody Supplement

Client: GM Components **Completed by:** Cindy Mosley

Lab Project ID: 233235 **Date:** 7/24/2023

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	X		
Comments			
Transferred to method-compliant container			X
Headspace (<1 mL)	X 624		
Comments			
Preservation	X 624		X
Comments	624 VOA preserved per Container		
Chlorine Absent (<0.10 ppm per test strip)	X PCB (608)		
Comments	V624: Cl⁻ neg		
Holding Time	X		
Comments			
Temperature	X		
Comments	16.6°C Iced on Field		
Compliant Sample Quantity/Type	X		
Comments			

PARADIGM

PARADIGM
ENVIRONMENTAL SERVICES, INC

Analytical Report For

GM Components Holdings, LLC

For Lab Project ID

233234

Referencing

GMCH East Side GW Monitoring

Prepared

Monday, July 31, 2023

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

K Hansen

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

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 233234

Client: **GM Components Holdings, LLC**

Project Reference: GMCH East Side GW Monitoring

Sample Identifier:	Groundwater East Side		
Lab Sample ID:	233234-01	**Date Sampled:** 7/24/2023	11:40
Matrix:	Wastewater	**Date Received** 7/24/2023	

Oil and Grease

Analyte	Result	Units	Qualifier	Date Analyzed
Oil & Grease, Total Recoverable	<4.8	mg/L	L	7/29/2023

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

PCBs

Analyte	Result	Units	Qualifier	Date Analyzed
PCB-1016	< 0.0485	ug/L		7/28/2023 12:09
PCB-1221	< 0.0485	ug/L		7/28/2023 12:09
PCB-1232	< 0.0485	ug/L		7/28/2023 12:09
PCB-1242	< 0.0485	ug/L		7/28/2023 12:09
PCB-1248	< 0.0485	ug/L		7/28/2023 12:09
PCB-1254	< 0.0485	ug/L		7/28/2023 12:09
PCB-1260	< 0.0485	ug/L		7/28/2023 12:09

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
Tetrachloro-m-xylene	**52.1**	10 - 122		7/28/2023 12:09

Method Reference(s): EPA 608.3
Preparation Date: 7/27/2023

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		7/25/2023 15:35
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		7/25/2023 15:35
1,1,2-Trichloroethane	< 2.00	ug/L		7/25/2023 15:35
1,1-Dichloroethane	< 2.00	ug/L		7/25/2023 15:35
1,1-Dichloroethene	< 2.00	ug/L		7/25/2023 15:35
1,2-Dichlorobenzene	< 2.00	ug/L		7/25/2023 15:35
1,2-Dichloroethane	< 2.00	ug/L		7/25/2023 15:35
1,2-Dichloropropane	< 2.00	ug/L		7/25/2023 15:35
1,3-Dichlorobenzene	< 2.00	ug/L		7/25/2023 15:35

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 233234

Client: **GM Components Holdings, LLC**

Project Reference: GMCH East Side GW Monitoring

Sample Identifier: Groundwater East Side
Lab Sample ID: 233234-01 **Date Sampled:** 7/24/2023 11:40
Matrix: Wastewater **Date Received** 7/24/2023

1,4-Dichlorobenzene	< 2.00	ug/L		7/25/2023 15:35
2-Chloroethyl vinyl Ether	< 5.00	ug/L		7/25/2023 15:35
Benzene	< 1.00	ug/L		7/25/2023 15:35
Bromodichloromethane	< 2.00	ug/L		7/25/2023 15:35
Bromoform	< 5.00	ug/L		7/25/2023 15:35
Bromomethane	< 2.00	ug/L		7/25/2023 15:35
Carbon Tetrachloride	< 2.00	ug/L		7/25/2023 15:35
Chlorobenzene	< 2.00	ug/L		7/25/2023 15:35
Chloroethane	< 2.00	ug/L		7/25/2023 15:35
Chloroform	< 2.00	ug/L		7/25/2023 15:35
Chloromethane	< 2.00	ug/L		7/25/2023 15:35
cis-1,2-Dichloroethene	< 2.00	ug/L		7/25/2023 15:35
cis-1,3-Dichloropropene	< 2.00	ug/L		7/25/2023 15:35
Dibromochloromethane	< 2.00	ug/L		7/25/2023 15:35
Ethylbenzene	< 2.00	ug/L		7/25/2023 15:35
Methylene chloride	< 5.00	ug/L		7/25/2023 15:35
Tetrachloroethene	< 2.00	ug/L		7/25/2023 15:35
Toluene	< 2.00	ug/L		7/25/2023 15:35
trans-1,2-Dichloroethene	< 2.00	ug/L		7/25/2023 15:35
trans-1,3-Dichloropropene	< 2.00	ug/L		7/25/2023 15:35
Trichloroethene	< 2.00	ug/L		7/25/2023 15:35
Trichlorofluoromethane	< 2.00	ug/L		7/25/2023 15:35
Vinyl chloride	< 2.00	ug/L		7/25/2023 15:35

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
1,2-Dichloroethane-d4	**120**	79.7 - 118	*	7/25/2023 15:35
4-Bromofluorobenzene	**84.7**	80.1 - 112		7/25/2023 15:35
Pentafluorobenzene	**97.4**	88 - 115		7/25/2023 15:35
Toluene-D8	**93.3**	88.2 - 113		7/25/2023 15:35

Method Reference(s): EPA 624.1
Data File: z18386.D
The analyte 2-Chloroethyl vinyl Ether does not recover from acid preserved VOA vials.

PARADIGM
ENVIRONMENTAL SERVICES, INC.

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.

GENERAL TERMS AND CONDITIONS
LABORATORY SERVICES

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

Warranty. Recognizing that the nature of many samples is unknown and that some may contain potentially hazardous components, LAB warrants only that it will perform testing services, obtain findings, and prepare reports in accordance with generally accepted analytical laboratory principles and practices at the time of performance of services. LAB makes no other warranty, express or implied.

Scope and Compensation. LAB agrees to perform the services described in the chain of custody to which these terms and conditions are attached. Unless the parties agree in writing to the contrary, the duties of LAB shall not be construed to exceed the services specifically described. LAB wi use LAB default method for all tests unless specified otherwise on the Work Order.
Payment terms are net 30 days from the date of invoice. All overdue payments are subject to an interest charge of one and one-half percent (1-1/2%) per month or a portion thereof. Client shall also be responsible for costs of collection, including payment of reasonable attorney fees if such expense is incurred. The prices, unless stated, do not include any sale, use or other taxes. Such taxes will be added to invoice prices when required.

Prices. Compensation for services performed will be based on the current Lab Analytical Fee Schedule or on quotations agreed to in writing by the parties. Turnaround time based charges are determined from the time of resolution of all work order questions. Testimony, court appearances or data compilation for legal action will be charged separately. Evaluation and reporting of initial screening runs may incur additional fees.

Limitations of Liability. In the event of any error, omission, or other professional negligence, the sole and exclusive responsibility of LAB shall be to re-perform the deficient work at its own expense and LAB shall have no other liability whatsoever. All claims shall be deemed waived unless made in writing and received by LAB within ninety (90) days following completion of services.
LAB shall have no liability, obligation, or responsibility of any kind for losses, costs, expenses, or other damages (including but not limited to any special, direct, incidental or consequential damages) with respect to LAB's services or results.
All results provided by LAB are strictly for the use of its clients and LAB is in no way responsible for the use of such results by clients or third parties. All reports should be considered in their entirety, and LAB is not responsible for the separation, detachment, or other use of any portion of these reports. Client may not assign the lab report without the written consent of the LAB.
Client covenants and agrees, at its/his/her sole expense, to indemnify, protect, defend, and save harmless the LAB from and against any and all damages, losses, liabilities, obligations, penalties, claims, litigation, demands, defenses, judgments, suits, actions, proceedings, costs, disbursements and/or expenses (including, without limitation attorneys' and experts' fees and disbursements) of any kind whatsoever which may at any time be imposed upon, incurred by or asserted or awarded against client relating to, resulting from or arising out of (a) the breach of this agreement by this client, (b) the negligence of the client in handling, delivering or disclosing any hazardous substance, (c) the violation of the Client of any applicable law, (d) non-compliance by the Client with any environmental permit or (e) a material misrepresentation in disclosing the materials to be tested.

Hazard Disclosure. Client represents and warrants that any sample delivered to LAB will be preceded or accompanied by complete written disclosure of the presence of any hazardous substances known or suspected by Client. Client further warrants that any sample containing any hazardous substance that is to be delivered to LAB will be packaged, labeled, transported, and delivered properly and in accordance with applicable laws.

Sample Handling. Prior to LAB's acceptance of any sample (or after any revocation of acceptance), the entire risk of loss or of damage to such sample remains with Client. Samples are accepted when receipt is acknowledged on chain of custody documentation. In no event will LAB have any responsibility for the action or inaction of any carrier shipping or delivering any sample to or from LAB premises.
Client authorizes LAB to proceed with the analysis of samples as received by the laboratory, recognizing that any samples not in compliance with all current DOH-ELAP-NELAP requirements for containers, preservation or holding time will be noted as such on th final report.
Disposal of hazardous waste samples is the responsibility of the Client. If the Client does not wish such samples returned, LAB may add storage and disposal fees to the final invoice. Maximum storage time for samples is 30 days after completion of analysis unless modified by applicable state or federal laws. Client will be required to give the LAB written instructions concerning disposal of these samples.
LAB reserves the absolute right, exercisable at any time, to refuse to receive delivery of, refuse to accept, or revoke acceptance of any sample, which, in the sole judgment of LAB (a) is of unsuitable volume, (b) may be or become unsuitable for or may pose a risk in handling, transport, or processing for any health, safety, environmental or other reason whether or not due to the presence in the sample of any hazardous substance, and whether or not such presence has been disclosed to LAB by Client or (c) if the condition or sample date make the sample unsuitable for analysis.

Legal Responsibility. LAB is solely responsible for performance of this contract, and no affiliated company, director, officer, employee, or agent shall have any legal responsibility hereunder, whether in contract or tort including negligence.

Assignment. LAB may assign its performance obligations under this contract to other parties, as it deems necessary. LAB shall disclose to Client any assignee (subcontractor) by ELAP ID # on the submitted final report.

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Law. This contract shall be continued under the laws of the State of New York without regard to its conflicts of laws provision.

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

1 of 2

CHAIN OF CUSTODY

PARADIGM ENVIRONMENTAL SERVICES, INC.

REPORT TO:		INVOICE TO:		LAB PROJECT ID
CLIENT:	GM Components Holdings, LLC	CLIENT:	H&A AP@haleyaldrich.com	233234
ADDRESS:	1000 Lexington Ave	ADDRESS:	200 Town Center Drive Suite 2	
CITY:	Rochester STATE: NY ZIP: 14606	CITY:	Rochester STATE: NY ZIP: 14623	Quotation #:
PHONE:	585-647-4766, 585-280-3352	PHONE:	(585) 321-4219	Email: gail.finkelstein@gm.com
ATTN:	Erik Anderson, Robert Lydell, Natalie Hahn, Gail Finke	ATTN:	Claire Mondello Project Ref # 127982-006	erik.anderson@gm.com natalie.hahn@gm.com

PROJECT REFERENCE

GMCH East Side GW Monitoring

Matrix Codes:
AQ - Aqueous Liquid; **NQ** - Non-Aqueous Liquid; **WA** - Water; **WG** - Groundwater; **DW** - Drinking Water; **WW** - Wastewater; **SO** - Soil; **SL** - Sludge; **SD** - Solid; **PT** - Paint; **WP** - Wipe; **CK** - Caulk; **OL** - Oil; **AR** - Air

REQUESTED ANALYSIS

DATE COLLECTED	TIME COLLECTED	COMPOSITE	GRAB	SAMPLE IDENTIFIER	MATRIX CODES	NUMBER OF CONTAINERS	PCBs 608	624 Site Specific(HCL)	Oil annd Grease(H2SO4)	REMARKS	PARADIGM LAB SAMPLE NUMBER
7/24/2023	1140		X	Groundwater East Side	WW	4	X	X	X	low level PCB DL (0.1 ppb)	01
										624 + cis1,2 DCE	
										email results to Denis Conley	
										dconley@haleyaldrich.com	

Turnaround Time		Report Supplements			
Availability contingent upon lab approval; additional fees may apply.					
Standard 5 day	X	None Required		None Required	
10 day		Batch QC		Basic EDD	
Rush 3 day		Category A		NYSDEC EDD	
Rush 2 day		Category B			
Rush 1 day					
Other		Other		Other EDD	
please indicate date needed:		please indicate package needed:		please indicate EDD needed :	

Joe Fowler — Sampled By Paradigm — 7/24/2023 — Date/Time

Joe Fowler — Relinquished By — 7/24/2023 @ 1200 — Date/Time

Total Cost:

Received By — Date/Time

P.I.F.

Received @ Lab By — 7/24/23 12:16 — Date/Time

16.6°C Fredon Field QM 7/24/23 1211

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

See additional page for sample conditions.

PARADIGM

Chain of Custody Supplement

Client: GM Components **Completed by:** Scott Neuls

Lab Project ID: 233234 **Date:** 7/24/2023

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	X		
Comments			
Transferred to method-compliant container			X
Headspace (<1 mL)	X 624		X
Comments			
Preservation	X OLG 624		X PCB
Comments	OLG and 624 VOA preserved per container		
Chlorine Absent (<0.10 ppm per test strip)	X PCB		X OLG
Comments	624 VOA; Cl⁻ neg.		
Holding Time	X		
Comments			
Temperature	X		
Comments	16.6°C Tracer Field		
Compliant Sample Quantity/Type	X		
Comments			

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

23072502

1 of 1

CHAIN OF CUSTODY

107

REPORT TO:		INVOICE TO:			
COMPANY:	Paradigm Environmental	COMPANY:	Same	LAB PROJECT #:	CLIENT PROJECT #:
ADDRESS:	179 Lake Ave	ADDRESS:			
CITY:	Rochester STATE: NY ZIP: 14608	CITY:	STATE: ZIP:	TURNAROUND TIME: (WORKING DAYS)	
PHONE:	585-647-2530 FAX:	PHONE:	FAX:	STD	
PROJECT NAME/SITE NAME:		ATTN:	Reporting	ATTN: Accounts Payable	☐1 ☐2 ☐3 ☒5
		COMMENTS:	Please email results to reporting@paradigmenv.com	Due Date: 8/1/23	

REQUESTED ANALYSIS

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER CONTAINERS	Oil & Grease (H2SO4)									REMARKS	PARADIGM LAB SAMPLE NUMBER
1	7/24/23	11:40		X	Groudwater East Side	WW	1	X									233234-01	
2																		
3																		
4																		
5																		
6																		
7																		
8																		
9																		
10																		

LAB USE ONLY BELOW THIS LINE

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

Receipt Parameter	NELAC Compliance	
Container Type:	Y ☐	N ☐
Comments:		
Preservation:	Y ☐	N ☐
Comments:		
Holding Time:	Y ☐	N ☐
Comments:		
Temperature: 4°	Y ☐	N ☐
Comments:		

Sampled By	Date/Time	Total Cost:
	7/25/23 08:30	
Relinquished By	Date/Time	
	7/25/23 1:00	
Received By	Date/Time	P.I.F.
CF	7/25 4:19	
Received @ Lab By	Date/Time	

Demo 23072502 2 of 8