



INDEPENDENT TESTING LAB

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

Company: REEFWORKS
Name:
ClientProj:

Site Addr: ODGERS

GTA ProjNo: o82724-3

Sampled By: LMH-J/ECT
Date Rec: 8/27/2024
Time Rec: 11:45 AM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	NORTH SW-1	8/27/2024		SOIL
2	NORTH SW-2	8/27/2024		SOIL
3	SOUTH SW-1	8/27/2024		SOIL
4	WEST SW-1	8/27/2024		SOIL
5	EAST SW-1	8/27/2024		SOIL
6	EAST SW-2	8/27/2024		SOIL
7	F-1	8/27/2024		SOIL
8	F-2	8/27/2024		SOIL

ELECTRONIC SIGNATURE REPORT. This is a final report for the following pages of data for the samples specified above. All analysis was performed by the methods stated and all quality control measures required were completed. All quality control information is available upon request.

Kirk Chase

Kirk L. Chase/Chemist
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COMPANY: REEFWORKS
PROJECT NO:
LOCATION: ODGERS
MI
SAMPLE MATRIX: SOIL
SAMPLE ID: NORTH SW-1

GTA PROJECT NO: 082724-3
GTA SAMPLE NO: 1
DATE SAMPLED: 8/27/2024
TIME SAMPLED:
DATE RECEIVED: 8/27/2024
TIME RECEIVED: 11:45 AM
SAMPLED BY: LMH-J/ECT
**THIS SAMPLE WAS RECEIVED MEOH PRESERVED.

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u> <u>Extracted</u>	<u>Date</u> <u>Completed</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	8/27/2024	8/28/2024	EPA 5035A
Toluene	ND	50					
Ethylbenzene	ND	50					
Xylene(Total)	ND	150					
1,2,4-Trimethylbenzene	ND	50					
1,3,5-Trimethylbenzene	ND	50					
Naphthalene	ND	250					
2-Methylnaphthalene	ND	250					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.
ND = NOT DETECTED, RESULT < LOD
LOD = LIMIT OF DETECTION



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COMPANY:	REEFWORKS	GTA PROJECT NO:	082724-3
PROJECT NO:		GTA SAMPLE NO:	2
LOCATION:	ODGERS	DATE SAMPLED:	8/27/2024
		TIME SAMPLED:	
	MI	DATE RECEIVED:	8/27/2024
		TIME RECEIVED:	11:45 AM
SAMPLE MATRIX:	SOIL	SAMPLED BY:	LMH-J/ECT
SAMPLE ID:	NORTH SW-2	**THIS SAMPLE WAS RECEIVED MEOH PRESERVED.	

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u> <u>Extracted</u>	<u>Date</u> <u>Completed</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	8/27/2024	8/28/2024	EPA 5035A
Toluene	ND	50					
Ethylbenzene	ND	50					
Xylene(Total)	ND	150					
1,2,4-Trimethylbenzene	ND	50					
1,3,5-Trimethylbenzene	ND	50					
Naphthalene	ND	250					
2-Methylnaphthalene	ND	250					

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 LOD = LIMIT OF DETECTION

COMPANY: REEFWORKS
PROJECT NO:
LOCATION: ODGERS
MI
SAMPLE MATRIX: SOIL
SAMPLE ID: SOUTH SW-1

GTA PROJECT NO: 082724-3
GTA SAMPLE NO: 3
DATE SAMPLED: 8/27/2024
TIME SAMPLED:
DATE RECEIVED: 8/27/2024
TIME RECEIVED: 11:45 AM
SAMPLED BY: LMH-J/ECT

**THIS SAMPLE WAS RECEIVED MEOH PRESERVED.

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u> <u>Extracted</u>	<u>Date</u> <u>Completed</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	8/27/2024	8/28/2024	EPA 5035A
Toluene	ND	50					
Ethylbenzene	ND	50					
Xylene(Total)	ND	150					
1,2,4-Trimethylbenzene	ND	50					
1,3,5-Trimethylbenzene	ND	50					
Naphthalene	ND	250					
2-Methylnaphthalene	ND	250					

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COMPANY: REEFWORKS
PROJECT NO:
LOCATION: ODGERS
MI
SAMPLE MATRIX: SOIL
SAMPLE ID: WEST SW-1

GTA PROJECT NO: 082724-3
GTA SAMPLE NO: 4
DATE SAMPLED: 8/27/2024
TIME SAMPLED:
DATE RECEIVED: 8/27/2024
TIME RECEIVED: 11:45 AM

SAMPLED BY: LMH-J/ECT

**THIS SAMPLE WAS RECEIVED MEOH PRESERVED.

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u> <u>Extracted</u>	<u>Date</u> <u>Completed</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	8/27/2024	8/28/2024	EPA 5035A
Toluene	ND	50					
Ethylbenzene	ND	50					
Xylene(Total)	ND	150					
1,2,4-Trimethylbenzene	ND	50					
1,3,5-Trimethylbenzene	ND	50					
Naphthalene	ND	250					
2-Methylnaphthalene	ND	250					

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COMPANY: REEFWORKS
PROJECT NO:
LOCATION: ODGERS
MI
SAMPLE MATRIX: SOIL
SAMPLE ID: EAST SW-1

GTA PROJECT NO: 082724-3
GTA SAMPLE NO: 5
DATE SAMPLED: 8/27/2024
TIME SAMPLED:
DATE RECEIVED: 8/27/2024
TIME RECEIVED: 11:45 AM

SAMPLED BY: LMH-J/ECT
**THIS SAMPLE WAS RECEIVED MEOH PRESERVED.

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u> <u>Extracted</u>	<u>Date</u> <u>Completed</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	8/27/2024	8/28/2024	EPA 5035A
Toluene	ND	50					
Ethylbenzene	ND	50					
Xylene(Total)	ND	150					
1,2,4-Trimethylbenzene	ND	50					
1,3,5-Trimethylbenzene	ND	50					
Naphthalene	ND	250					
2-Methylnaphthalene	ND	250					

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COMPANY: REEFWORKS
PROJECT NO:
LOCATION: ODGERS
MI
SAMPLE MATRIX: SOIL
SAMPLE ID: EAST SW-2

GTA PROJECT NO: 082724-3
GTA SAMPLE NO: 6
DATE SAMPLED: 8/27/2024
TIME SAMPLED:
DATE RECEIVED: 8/27/2024
TIME RECEIVED: 11:45 AM

SAMPLED BY: LMH-J/ECT

**THIS SAMPLE WAS RECEIVED MEOH PRESERVED.

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u> <u>Extracted</u>	<u>Date</u> <u>Completed</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	8/27/2024	8/28/2024	EPA 5035A
Toluene	ND	50					
Ethylbenzene	ND	50					
Xylene(Total)	ND	150					
1,2,4-Trimethylbenzene	ND	50					
1,3,5-Trimethylbenzene	ND	50					
Naphthalene	ND	250					
2-Methylnaphthalene	ND	250					

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LOD = LIMIT OF DETECTION

COMPANY: REEFWORKS
 PROJECT NO:
 LOCATION: ODGERS
 MI
 SAMPLE MATRIX: SOIL
 SAMPLE ID: F-1

GTA PROJECT NO: 082724-3
 GTA SAMPLE NO: 7
 DATE SAMPLED: 8/27/2024
 TIME SAMPLED:
 DATE RECEIVED: 8/27/2024
 TIME RECEIVED: 11:45 AM
 SAMPLED BY: LMH-J/ECT

**THIS SAMPLE WAS RECEIVED MEOH PRESERVED.

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u> <u>Extracted</u>	<u>Date</u> <u>Completed</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	8/27/2024	8/28/2024	EPA 5035A
Toluene	ND	50					
Ethylbenzene	ND	50					
Xylene(Total)	ND	150					
1,2,4-Trimethylbenzene	ND	50					
1,3,5-Trimethylbenzene	ND	50					
Naphthalene	ND	250					
2-Methylnaphthalene	ND	250					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.
 ND = NOT DETECTED, RESULT < LOD
 LOD = LIMIT OF DETECTION

COMPANY: REEFWORKS
PROJECT NO:
LOCATION: ODGERS
MI
SAMPLE MATRIX: SOIL
SAMPLE ID: F-2

GTA PROJECT NO: 082724-3
GTA SAMPLE NO: 8
DATE SAMPLED: 8/27/2024
TIME SAMPLED:
DATE RECEIVED: 8/27/2024
TIME RECEIVED: 11:45 AM

SAMPLED BY: LMH-J/ECT

**THIS SAMPLE WAS RECEIVED MEOH PRESERVED.

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u> <u>Extracted</u>	<u>Date</u> <u>Completed</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	8/27/2024	8/28/2024	EPA 5035A
Toluene	ND	50					
Ethylbenzene	ND	50					
Xylene(Total)	ND	150					
1,2,4-Trimethylbenzene	ND	50					
1,3,5-Trimethylbenzene	ND	50					
Naphthalene	ND	250					
2-Methylnaphthalene	ND	250					

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COMPANY: REEFWORKS

NAME:
PROJECT NO:

LOCATION: ODGERS

MI

GTA PROJECT NO: 082724-3
SAMPLED BY: LMH-J/ECT

DATE SAMPLED: 8/27/2024

SAMPLE SOIL

DATE RECEIVED: 8/27/2024
TIME RECEIVED: 11:45 AM

MOISTURE

<u>No:</u> <u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>
SAMPLE ID: NORTH SW-1 % MOISTURE EPA 3550C	3.5	0.10	% OF SAMPLE	AS	8/27/2024
SAMPLE ID: NORTH SW-2 % MOISTURE EPA 3550C	4.0	0.10	% OF SAMPLE	AS	8/27/2024
SAMPLE ID: SOUTH SW-1 % MOISTURE EPA 3550C	6.8	0.10	% OF SAMPLE	AS	8/27/2024
SAMPLE ID: WEST SW-1 % MOISTURE EPA 3550C	2.2	0.10	% OF SAMPLE	AS	8/27/2024
SAMPLE ID: EAST SW-1 % MOISTURE EPA 3550C	1.4	0.10	% OF SAMPLE	AS	8/27/2024
SAMPLE ID: EAST SW-2 % MOISTURE EPA 3550C	3.9	0.10	% OF SAMPLE	AS	8/27/2024
SAMPLE ID: F-1 % MOISTURE EPA 3550C	3.5	0.10	% OF SAMPLE	AS	8/27/2024
SAMPLE ID: F-2 % MOISTURE EPA 3550C	5.4	0.10	% OF SAMPLE	AS	8/27/2024

CHAIN OF CUSTODY

PROJECT NUMBER	SITE NAME/ADDRESS <i>Odgers</i>	COMPANY/NAME <i>Reef Works</i>
SAMPLED BY <i>LMH J</i>	COMPANY <i>ECT</i>	GTA PROJECT # <i>082724-3</i>

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
	<i>NORTH SW-1</i>	<i>8-27-24</i>		<i>SOIL</i>	<i>BTEX + 4</i>
	<i>NORTH SW-2</i>	↓		↓	↓
	<i>SOUTH SW-1</i>	↓		↓	↓
	<i>WEST SW-1</i>	↓		↓	↓
	<i>EAST SW-1</i>	↓		↓	↓
	<i>EAST SW-2</i>	↓		↓	↓
	<i>F-1</i>	↓		↓	↓
	<i>F-2</i>	↓		↓	↓
<i>* Push *</i>					

BILL TO: <i>Reefworks</i>	TempRec: <input type="checkbox"/> <i>2.10c</i>	On Ice? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	REPORT TO: <i>Lisa</i>
------------------------------	---------------------------------------------------	--------------------------------------------------------------------------	---------------------------

RELEASED BY <i>Lisa H</i>	DATE/TIME <i>8-27-24 11:45AM</i>	RECEIVED BY <i>[Signature]</i>	DATE/TIME <i>8/27/24 11:45</i>
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REQUESTED TAT STANDARD *1* BUSINESS DAY 2 BUSINESS DAYS 3 BUSINESS DAYS