



**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

[www.gtanalytical.com](http://www.gtanalytical.com)

Company: REEFWORKS  
Name:  
ClientProj:

Site Addr: ACKER 1-26

GTA ProjNo: 020425-7

Sampled By: LMH-J/ECT  
Date Rec: 2/4/2025  
Time Rec: 3:20 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	#1 - 2'	2/4/2025		SOIL
2	#2 - 2'	2/4/2025		SOIL
3	#2 - 5'	2/4/2025		SOIL
4	#3 - 7'	2/4/2025		SOIL
5	#3 - 8'	2/4/2025		SOIL
6	#5 - 5'	2/4/2025		SOIL
7	#10 - 7'	2/4/2025		SOIL
8	#11 - 2'	2/4/2025		SOIL
9	#11 - 5'	2/4/2025		SOIL
10	#12 - 2'	2/4/2025		SOIL
11	MW-A	2/4/2025		WATER
12	MW-B	2/4/2025		WATER

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  
Grand Traverse Analytical  
830 Robinwood Court  
Traverse City, MI 49686  
Ph: 231-929-0905  
Fx: 231-929-0894  
SP: 231-590-0291  
[kirk@gtanalytical.com](mailto:kirk@gtanalytical.com)



**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

COMPANY: REEFWORKS  
 PROJECT NO:  
 LOCATION: ACKER 1-26  
 MI  
 SAMPLE MATRIX: SOIL  
 SAMPLE ID: #1 - 2'

GTA PROJECT NO: 020425-7  
 GTA SAMPLE NO: 1  
 DATE SAMPLED: 2/4/2025  
 TIME SAMPLED:  
 DATE RECEIVED: 2/4/2025  
 TIME RECEIVED: 3:20 PM

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 Extracted</u>	<u>Date Complete</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	2/4/2025	2/7/2025	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: ACKER 1-26  
 MI  
 SAMPLE MATRIX: SOIL  
 SAMPLE ID: #2 - 2'

GTA PROJECT NO: 020425-7  
 GTA SAMPLE NO: 2  
 DATE SAMPLED: 2/4/2025  
 TIME SAMPLED:  
 DATE RECEIVED: 2/4/2025  
 TIME RECEIVED: 3:20 PM

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>Complete</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	2/4/2025	2/7/2025	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: ACKER 1-26  
MI  
SAMPLE MATRIX: SOIL  
SAMPLE ID: #2 - 5'

GTA PROJECT NO: 020425-7  
GTA SAMPLE NO: 3  
DATE SAMPLED: 2/4/2025  
TIME SAMPLED:  
DATE RECEIVED: 2/4/2025  
TIME RECEIVED: 3:20 PM

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>Complete</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	2/4/2025	2/7/2025	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: ACKER 1-26  
MI  
SAMPLE MATRIX: SOIL  
SAMPLE ID: #3 - 7'

GTA PROJECT NO: 020425-7  
GTA SAMPLE NO: 4  
DATE SAMPLED: 2/4/2025  
TIME SAMPLED:  
DATE RECEIVED: 2/4/2025  
TIME RECEIVED: 3:20 PM

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>Complete</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	2/4/2025	2/7/2025	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: ACKER 1-26  
MI  
SAMPLE MATRIX: SOIL  
SAMPLE ID: #3 - 8'

GTA PROJECT NO: 020425-7  
GTA SAMPLE NO: 5  
DATE SAMPLED: 2/4/2025  
TIME SAMPLED:  
DATE RECEIVED: 2/4/2025  
TIME RECEIVED: 3:20 PM

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>Complete</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	2/4/2025	2/7/2025	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



**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

COMPANY: REEFWORKS  
 PROJECT NO:  
 LOCATION: ACKER 1-26  
 MI  
 SAMPLE MATRIX: SOIL  
 SAMPLE ID: #5 - 5'

GTA PROJECT NO: 020425-7  
 GTA SAMPLE NO: 6  
 DATE SAMPLED: 2/4/2025  
 TIME SAMPLED:  
 DATE RECEIVED: 2/4/2025  
 TIME RECEIVED: 3:20 PM

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 Extracted</u>	<u>Date Complete</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	2/4/2025	2/7/2025	EPA 5035A
Toluene	ND	50					
Ethylbenzene	99	50					
Xylene(Total)	290	150					
1,2,4-Trimethylbenzene	1,400	50					
1,3,5-Trimethylbenzene	290	50					
Naphthalene	ND	250					
2-Methylnaphthalene	330	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: ACKER 1-26  
MI  
SAMPLE MATRIX: SOIL  
SAMPLE ID: #10 - 7'

GTA PROJECT NO: 020425-7  
GTA SAMPLE NO: 7  
DATE SAMPLED: 2/4/2025  
TIME SAMPLED:  
DATE RECEIVED: 2/4/2025  
TIME RECEIVED: 3:20 PM

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>Complete</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	2/4/2025	2/7/2025	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: ACKER 1-26  
MI  
SAMPLE MATRIX: SOIL  
SAMPLE ID: #11 - 2'

GTA PROJECT NO: 020425-7  
GTA SAMPLE NO: 8  
DATE SAMPLED: 2/4/2025  
TIME SAMPLED:  
DATE RECEIVED: 2/4/2025  
TIME RECEIVED: 3:20 PM

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>Complete</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	2/4/2025	2/7/2025	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: ACKER 1-26  
MI  
SAMPLE MATRIX: SOIL  
SAMPLE ID: #11 - 5'

GTA PROJECT NO: 020425-7  
GTA SAMPLE NO: 9  
DATE SAMPLED: 2/4/2025  
TIME SAMPLED:  
DATE RECEIVED: 2/4/2025  
TIME RECEIVED: 3:20 PM

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>Complete</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	2/4/2025	2/7/2025	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: ACKER 1-26  
 MI  
 SAMPLE MATRIX: SOIL  
 SAMPLE ID: #12 - 2'

GTA PROJECT NO: 020425-7  
 GTA SAMPLE NO: 10  
 DATE SAMPLED: 2/4/2025  
 TIME SAMPLED:  
 DATE RECEIVED: 2/4/2025  
 TIME RECEIVED: 3:20 PM

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>Complete</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	2/4/2025	2/7/2025	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



**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

COMPANY: REEFWORKS  
 PROJECT NO:  
 LOCATION: ACKER 1-26  
 MI  
 SAMPLE MATRIX: WATER  
 SAMPLE ID: MW-A

GTA PROJECT NO: 020425-7  
 GTA SAMPLE NO: 11  
 DATE SAMPLED: 2/4/2025  
 TIME SAMPLED:  
 DATE RECEIVED: 2/4/2025  
 TIME RECEIVED: 3:20 PM

SAMPLED BY: LMH-J/ECT

**EPA 8260B VOLATILE ORGANICS**

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		2/7/2025	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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

COMPANY: REEFWORKS  
PROJECT NO:  
LOCATION: ACKER 1-26  
MI  
SAMPLE MATRIX: WATER  
SAMPLE ID: MW-B

GTA PROJECT NO: 020425-7  
GTA SAMPLE NO: 12  
DATE SAMPLED: 2/4/2025  
TIME SAMPLED:  
DATE RECEIVED: 2/4/2025  
TIME RECEIVED: 3:20 PM

SAMPLED BY: LMH-J/ECT

**EPA 8260B VOLATILE ORGANICS**

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		2/7/2025	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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

COMPANY: REEFWORKS  
 PROJECT NO:  
 LOCATION: ACKER 1-26  
 MI  
 SAMPLED BY: LMH-J/ECT

GTA PROJECT NO: 020425-7  
 GTA SAMPLE NO: 1  
 DATE SAMPLED: 2/4/2025  
 TIME SAMPLED:  
 DATE RECEIVED: 2/4/2025  
 TIME RECEIVED: 3:20 PM

**SAMPLE ANALYSIS**

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
	SAMPLE ID: #1 - 2' CHLORIDE EPA 300.0	ND	120	mg/Kg (PPM)	KC/AA	2/5/2025	SOIL

ND = NOT DETECTED, RESULT < LOD  
 LOD = LIMIT OF DETECTION  
 s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: REEFWORKS  
 PROJECT NO:  
 LOCATION: ACKER 1-26  
 MI  
 SAMPLED BY: LMH-J/ECT

GTA PROJECT NO: 020425-7  
 GTA SAMPLE NO: 2  
 DATE SAMPLED: 2/4/2025  
 TIME SAMPLED:  
 DATE RECEIVED: 2/4/2025  
 TIME RECEIVED: 3:20 PM

**SAMPLE ANALYSIS**

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
	SAMPLE ID: #2 - 2' CHLORIDE EPA 300.0	ND	110	mg/Kg (PPM)	KC/AA	2/5/2025	SOIL

ND = NOT DETECTED, RESULT < LOD  
 LOD = LIMIT OF DETECTION  
 s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: REEFWORKS  
 PROJECT NO:  
 LOCATION: ACKER 1-26  
 MI  
 SAMPLED BY: LMH-J/ECT

GTA PROJECT NO: 020425-7  
 GTA SAMPLE NO: 3  
 DATE SAMPLED: 2/4/2025  
 TIME SAMPLED:  
 DATE RECEIVED: 2/4/2025  
 TIME RECEIVED: 3:20 PM

**SAMPLE ANALYSIS**

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
	SAMPLE ID: #2 - 5' CHLORIDE EPA 300.0	ND	100	mg/Kg (PPM)	KC/AA	2/5/2025	SOIL

ND = NOT DETECTED, RESULT < LOD  
 LOD = LIMIT OF DETECTION  
 s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: REEFWORKS  
 PROJECT NO:  
 LOCATION: ACKER 1-26  
 MI  
 SAMPLED BY: LMH-J/ECT

GTA PROJECT NO: 020425-7  
 GTA SAMPLE NO: 4  
 DATE SAMPLED: 2/4/2025  
 TIME SAMPLED:  
 DATE RECEIVED: 2/4/2025  
 TIME RECEIVED: 3:20 PM

**SAMPLE ANALYSIS**

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
	SAMPLE ID: #3 - 7' CHLORIDE EPA 300.0	ND	120	mg/Kg (PPM)	KC/AA	2/5/2025	SOIL

ND = NOT DETECTED, RESULT < LOD  
 LOD = LIMIT OF DETECTION  
 s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY:	REEFWORKS	GTA PROJECT NO:	020425-7
PROJECT NO:		GTA SAMPLE NO:	5
LOCATION:	ACKER 1-26	DATE SAMPLED:	2/4/2025
		TIME SAMPLED:	
		DATE RECEIVED:	2/4/2025
		TIME RECEIVED:	3:20 PM
SAMPLED BY:	MI LMH-J/ECT		

**SAMPLE ANALYSIS**

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
	SAMPLE ID: #3 - 8' CHLORIDE EPA 300.0	ND	110	mg/Kg (PPM)	KC/AA	2/5/2025	SOIL

ND = NOT DETECTED, RESULT < LOD  
 LOD = LIMIT OF DETECTION  
 s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: REEFWORKS  
 PROJECT NO:  
 LOCATION: ACKER 1-26  
 MI  
 SAMPLED BY: LMH-J/ECT

GTA PROJECT NO: 020425-7  
 GTA SAMPLE NO: 6  
 DATE SAMPLED: 2/4/2025  
 TIME SAMPLED:  
 DATE RECEIVED: 2/4/2025  
 TIME RECEIVED: 3:20 PM

**SAMPLE ANALYSIS**

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
	SAMPLE ID: #5 - 5' CHLORIDE EPA 300.0	ND	120	mg/Kg (PPM)	KC/AA	2/5/2025	SOIL

ND = NOT DETECTED, RESULT < LOD  
 LOD = LIMIT OF DETECTION  
 s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: REEFWORKS  
 PROJECT NO:  
 LOCATION: ACKER 1-26  
 MI  
 SAMPLED BY: LMH-J/ECT

GTA PROJECT NO: 020425-7  
 GTA SAMPLE NO: 7  
 DATE SAMPLED: 2/4/2025  
 TIME SAMPLED:  
 DATE RECEIVED: 2/4/2025  
 TIME RECEIVED: 3:20 PM

**SAMPLE ANALYSIS**

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
	SAMPLE ID: #10 - 7' CHLORIDE EPA 300.0	ND	110	mg/Kg (PPM)	KC/AA	2/5/2025	SOIL

ND = NOT DETECTED, RESULT < LOD  
 LOD = LIMIT OF DETECTION  
 s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: REEFWORKS  
 PROJECT NO:  
 LOCATION: ACKER 1-26  
 MI  
 SAMPLED BY: LMH-J/ECT

GTA PROJECT NO: 020425-7  
 GTA SAMPLE NO: 8  
 DATE SAMPLED: 2/4/2025  
 TIME SAMPLED:  
 DATE RECEIVED: 2/4/2025  
 TIME RECEIVED: 3:20 PM

**SAMPLE ANALYSIS**

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
	SAMPLE ID: #11 - 2' CHLORIDE EPA 300.0	ND	100	mg/Kg (PPM)	KC/AA	2/5/2025	SOIL

ND = NOT DETECTED, RESULT < LOD  
 LOD = LIMIT OF DETECTION  
 s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: REEFWORKS

PROJECT NO:

LOCATION: ACKER 1-26

MI

SAMPLED BY: LMH-J/ECT

GTA PROJECT NO: 020425-7

GTA SAMPLE NO: 9

DATE SAMPLED: 2/4/2025

TIME SAMPLED:

DATE RECEIVED: 2/4/2025

TIME RECEIVED: 3:20 PM

**SAMPLE ANALYSIS**

**No: Analysis**

SAMPLE ID: #11 - 5'

CHLORIDE EPA 300.0

<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
ND	110	mg/Kg (PPM)	KC/AA	2/5/2025	SOIL

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: REEFWORKS  
 PROJECT NO:  
 LOCATION: ACKER 1-26  
 MI  
 SAMPLED BY: LMH-J/ECT

GTA PROJECT NO: 020425-7  
 GTA SAMPLE NO: 10  
 DATE SAMPLED: 2/4/2025  
 TIME SAMPLED:  
 DATE RECEIVED: 2/4/2025  
 TIME RECEIVED: 3:20 PM

**SAMPLE ANALYSIS**

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
	SAMPLE ID: #12 - 2' CHLORIDE EPA 300.0	ND	110	mg/Kg (PPM)	KC/AA	2/5/2025	SOIL

ND = NOT DETECTED, RESULT < LOD  
 LOD = LIMIT OF DETECTION  
 s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: REEFWORKS

PROJECT NO:

LOCATION: ACKER 1-26

MI

SAMPLED BY: LMH-J/ECT

GTA PROJECT NO: 020425-7

GTA SAMPLE NO: 11

DATE SAMPLED: 2/4/2025

TIME SAMPLED:

DATE RECEIVED: 2/4/2025

TIME RECEIVED: 3:20 PM

**SAMPLE ANALYSIS**

**No: Analysis**

SAMPLE ID: MW-A

CHLORIDE EPA 300.0

<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
ND	10	mg/L (PPM)	KC/AA	2/5/2025	WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: REEFWORKS

PROJECT NO:

LOCATION: ACKER 1-26

MI

SAMPLED BY: LMH-J/ECT

GTA PROJECT NO: 020425-7

GTA SAMPLE NO: 12

DATE SAMPLED: 2/4/2025

TIME SAMPLED:

DATE RECEIVED: 2/4/2025

TIME RECEIVED: 3:20 PM

**SAMPLE ANALYSIS**

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
	SAMPLE ID: MW-B CHLORIDE EPA 300.0	21	10	mg/L (PPM)	KC/AA	2/5/2025	WATER

ND = NOT DETECTED, RESULT < LOD  
 LOD = LIMIT OF DETECTION  
 s.u. = STANDARD pH UNITS REPORTED AT 25 C



**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

COMPANY: REEFWORKS

NAME:  
PROJECT NO:

LOCATION: ACKER 1-26  
  
MI

GTA PROJECT NO: 020425-7  
SAMPLED BY: LMH-J/ECT

DATE SAMPLED: 2/4/2025

SAMPLE MATRIX: SOIL

DATE RECEIVED: 2/4/2025  
TIME RECEIVED: 3:20 PM

**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: #1 - 2' % MOISTURE EPA 3550C	15	0.10	% OF SAMPLE	AA	2/4/2025
SAMPLE ID: #2 - 2' % MOISTURE EPA 3550C	8.0	0.10	% OF SAMPLE	AA	2/4/2025
SAMPLE ID: #2 - 5' % MOISTURE EPA 3550C	4.1	0.10	% OF SAMPLE	AA	2/4/2025
SAMPLE ID: #3 - 7' % MOISTURE EPA 3550C	10	0.10	% OF SAMPLE	AA	2/4/2025
SAMPLE ID: #3 - 8' % MOISTURE EPA 3550C	8.6	0.10	% OF SAMPLE	AA	2/4/2025
SAMPLE ID: #5 - 5' % MOISTURE EPA 3550C	11	0.10	% OF SAMPLE	AA	2/4/2025
SAMPLE ID: #10 - 7' % MOISTURE EPA 3550C	7.4	0.10	% OF SAMPLE	AA	2/4/2025
SAMPLE ID: #11 - 2' % MOISTURE EPA 3550C	5.7	0.10	% OF SAMPLE	AA	2/4/2025
SAMPLE ID: #11 - 5' % MOISTURE EPA 3550C	6.6	0.10	% OF SAMPLE	AA	2/4/2025
SAMPLE ID: #12 - 2' % MOISTURE EPA 3550C	7.8	0.10	% OF SAMPLE	AA	2/4/2025

**CHAIN OF CUSTODY**

PROJECT NUMBER	SITE NAME/ADDRESS	COMPANY/NAME
	Acker 1-26	REEFWORKS
SAMPLED BY	COMPANY	GTA PROJECT #
LMH.J	ECT	020425-7

**SAMPLE INFORMATION**

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	#1-2'	2-4-25		SOIL	BTEX+4 CL
2	#2-2'				
3	#2-5'				
4	#3-7'				
5	#3-8'				
6	#5-5'				
7	#10-7'				
8	#11-2'				
9	#11-5'				
10	#12-2'				
11	MW-A			WTR	
12	MW-B			"	

BILL TO:	TempRec: <input type="checkbox"/>	On Ice? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	REPORT TO:
REEFWORKS	3.5°		Jim
RELEASED BY	DATE/TIME	RECEIVED BY	DATE/TIME
[Signature]	2-4-25 3:20PM	A. Alpas	2/4/25 3:20P

REQUESTED TAT  STANDARD  1 BUSINESS DAY  2 BUSINESS DAYS  3 BUSINESS DAYS