

**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

Company: OTWELL MAWBY, P.C.

Name:

ClientProj: 20-361A

GTA ProjNo: 121021-2

Site Addr: TILMANN UST

Sampled By: DD/TG - OMPC

Date Rec: 12/10/2021

Time Rec: 9:15 AM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-1	12/7/2021	1:45 PM	WATER
2	MW-1S	12/9/2021	9:30 AM	WATER
3	MW-2	12/7/2021	2:30 PM	WATER
4	MW-3	12/7/2021	3:15 PM	WATER
5	MW-4	12/9/2021	2:30 PM	WATER
6	MW-5	12/9/2021	9:10 AM	WATER
7	MW-6	12/9/2021	11:00 AM	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

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COMPANY: OTWELL MAWBY, P.C.

PROJECT NO: 20-361A
LOCATION: TILMANN UST

MI

SAMPLE MATRIX: WATER
SAMPLE ID: MW-1GTA PROJECT NO: 121021-2
GTA SAMPLE NO: 1DATE SAMPLED: 12/7/2021
TIME SAMPLED: 1:45 PM
DATE RECEIVED: 12/10/2021
TIME RECEIVED: 9:15 AM

SAMPLED BY: DD/TG - OMPC

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		12/11/2021	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					
Methyl-t-Butyl Ether	ND	5.0					
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

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PROJECT NO: 20-361A
LOCATION: TILMANN UST

MI

SAMPLE MATRIX: WATER
SAMPLE ID: MW-1S

GTA PROJECT NO: 121021-2

GTA SAMPLE NO: 2

DATE SAMPLED: 12/9/2021
TIME SAMPLED: 9:30 AM
DATE RECEIVED: 12/10/2021
TIME RECEIVED: 9:15 AM

SAMPLED BY: DD/TG - OMPC

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	2.2	1.0	ug/L (PPB)	MR		12/11/2021	EPA 5030B
Toluene	2.9	1.0					
Ethylbenzene	4.9	1.0					
Xylene(Total)	9.2	3.0					
1,2,4-Trimethylbenzene	7.7	1.0					
1,3,5-Trimethylbenzene	1.6	1.0					
Methyl-t-Butyl Ether	ND	5.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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COMPANY: OTWELL MAWBY, P.C.

PROJECT NO: 20-361A
LOCATION: TILMANN UST

MI

SAMPLE MATRIX: WATER
SAMPLE ID: MW-2GTA PROJECT NO: 121021-2
GTA SAMPLE NO: 3DATE SAMPLED: 12/7/2021
TIME SAMPLED: 2:30 PM
DATE RECEIVED: 12/10/2021
TIME RECEIVED: 9:15 AM

SAMPLED BY: DD/TG - OMPC

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		12/11/2021	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					
Methyl-t-Butyl Ether	ND	5.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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COMPANY: OTWELL MAWBY, P.C.

PROJECT NO: 20-361A
LOCATION: TILMANN UST

MI

SAMPLE MATRIX: WATER
SAMPLE ID: MW-3

GTA PROJECT NO: 121021-2

GTA SAMPLE NO: 4

DATE SAMPLED: 12/7/2021
TIME SAMPLED: 3:15 PM
DATE RECEIVED: 12/10/2021
TIME RECEIVED: 9:15 AM

SAMPLED BY: DD/TG - OMPC

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		12/11/2021	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					
Methyl-t-Butyl Ether	ND	5.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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COMPANY: OTWELL MAWBY, P.C.

PROJECT NO: 20-361A
LOCATION: TILMANN UST

MI

SAMPLE MATRIX: WATER
SAMPLE ID: MW-4GTA PROJECT NO: 121021-2
GTA SAMPLE NO: 5DATE SAMPLED: 12/9/2021
TIME SAMPLED: 2:30 PM
DATE RECEIVED: 12/10/2021
TIME RECEIVED: 9:15 AM

SAMPLED BY: DD/TG - OMPC

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	68	1.0	ug/L (PPB)	MR		12/11/2021	EPA 5030B
Toluene	66	1.0					
Ethylbenzene	300	1.0					
Xylene(Total)	840	3.0					
1,2,4-Trimethylbenzene	380	1.0					
1,3,5-Trimethylbenzene	120	1.0					
Methyl-t-Butyl Ether	ND	5.0					
Naphthalene	59	5.0					
2-Methylnaphthalene	23	5.0					

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COMPANY: OTWELL MAWBY, P.C.

PROJECT NO: 20-361A
LOCATION: TILMANN UST

MI

SAMPLE MATRIX: WATER
SAMPLE ID: MW-5GTA PROJECT NO: 121021-2
GTA SAMPLE NO: 6DATE SAMPLED: 12/9/2021
TIME SAMPLED: 9:10 AM
DATE RECEIVED: 12/10/2021
TIME RECEIVED: 9:15 AM

SAMPLED BY: DD/TG - OMPC

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	11	1.0	ug/L (PPB)	MR		12/11/2021	EPA 5030B
Toluene	9.4	1.0					
Ethylbenzene	17	1.0					
Xylene(Total)	16	3.0					
1,2,4-Trimethylbenzene	8.1	1.0					
1,3,5-Trimethylbenzene	20	1.0					
Methyl-t-Butyl Ether	ND	5.0					
Naphthalene	15	5.0					
2-Methylnaphthalene	ND	5.0					

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PROJECT NO: 20-361A
LOCATION: TILMANN UST

MI

SAMPLE MATRIX: WATER
SAMPLE ID: MW-6

GTA PROJECT NO: 121021-2

GTA SAMPLE NO: 7

DATE SAMPLED: 12/9/2021
TIME SAMPLED: 11:00 AM
DATE RECEIVED: 12/10/2021
TIME RECEIVED: 9:15 AM

SAMPLED BY: DD/TG - OMPC

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	3,400	50	ug/L (PPB)	MR		12/16/2021	EPA 5030B
Toluene	19,000	50					
Ethylbenzene	4,600	50					
Xylene(Total)	23,000	150					
1,2,4-Trimethylbenzene	4,400	50					
1,3,5-Trimethylbenzene	1,200	50					
Methyl-t-Butyl Ether	13	5.0					
Naphthalene	740	50					
2-Methylnaphthalene	160	5.0					

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CHAIN OF CUSTODY

PROJECT NUMBER 20-361A	SITE NAME/ADDRESS Tilman USF	COMPANY/NAME —
SAMPLED BY Dan Deaton/Tim Gates	COMPANY OMPC	GTA PROJECT # 121021-2

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	MW-1	12/7/21	1430 ⁰⁸⁸	GW	ULG
2	MW-1S	12/9/21	930	GW	
3	MW-2	12/7/21	1430	GW	
4	MW-3	12/7/21	1515		
5	MW-4	12/9/21	1430		
6	MW-5	12/9/21	9:10		
7	MW-6	12/9/21	11:00		

ONLY ONE VOA

BILL TO:	TempRec: ☒ 5.4C	On Ice? ☒ Y ☐ N	REPORT TO: Dan Barton
RELEASED BY Dan Deaton	DATE/TIME 12/10/21 9:15AM	RECEIVED BY Tim Gates	DATE/TIME 12-10-21 9:15am
REQUESTED TAT ☒ STANDARD ☐ 1 BUSINESS DAY ☐ 2 BUSINESS DAYS ☐ 3 BUSINESS DAYS			