

**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: 091622-9

Site Addr: TILMANN UST

Sampled By: WPM/OMPC

Date Rec: 9/16/2022

Time Rec: 9:00 AM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-4	9/15/2022	4:40 PM	WATER
2	MW-7	9/15/2022	2:45 PM	WATER
3	MW-8	9/15/2022	3:10 PM	WATER
4	MW-11	9/15/2022	3:50 PM	WATER
5	MW-12	9/15/2022	3:35 PM	WATER
6	MW-16	9/15/2022	11:50 AM	WATER
7	MW-17	9/15/2022	12:04 PM	WATER
8	MW-18	9/15/2022	12:40 PM	WATER
9	MW-23	9/15/2022	2:05 PM	WATER
10	MW-24	9/15/2022	1:45 PM	WATER
11	MW-25	9/15/2022	1:10 PM	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-4GTA PROJECT NO: 091622-9
GTA SAMPLE NO: 1DATE SAMPLED: 9/15/2022
TIME SAMPLED: 4:40 PM
DATE RECEIVED: 9/16/2022
TIME RECEIVED: 9:00 AM

SAMPLED BY: WPM/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	40	1.0	ug/L (PPB)	MR		9/20/2022	EPA 5030B
Toluene	31	1.0					
Ethylbenzene	120	1.0					
Xylene(Total)	270	3.0					
1,2,4-Trimethylbenzene	120	1.0					
1,3,5-Trimethylbenzene	42	1.0					
Methyl-t-Butyl Ether	ND	5.0					
Naphthalene	46	5.0					
2-Methylnaphthalene	18	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-7GTA PROJECT NO: 091622-9
GTA SAMPLE NO: 2DATE SAMPLED: 9/15/2022
TIME SAMPLED: 2:45 PM
DATE RECEIVED: 9/16/2022
TIME RECEIVED: 9:00 AM

SAMPLED BY: WPM/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	ND	1.0	ug/L (PPB)	MR		9/20/2022	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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PROJECT NO: 20-361A
LOCATION: TILMANN UST

MI

SAMPLE MATRIX: WATER
SAMPLE ID: MW-8GTA PROJECT NO: 091622-9
GTA SAMPLE NO: 3DATE SAMPLED: 9/15/2022
TIME SAMPLED: 3:10 PM
DATE RECEIVED: 9/16/2022
TIME RECEIVED: 9:00 AM

SAMPLED BY: WPM/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	ND	1.0	ug/L (PPB)	MR		9/20/2022	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	8.6	5.0					
Naphthalene	ND	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-11

GTA PROJECT NO: 091622-9

GTA SAMPLE NO: 4

DATE SAMPLED: 9/15/2022

TIME SAMPLED: 3:50 PM

DATE RECEIVED: 9/16/2022

TIME RECEIVED: 9:00 AM

SAMPLED BY: WPM/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	22	1.0	ug/L (PPB)	MR		9/20/2022	EPA 5030B
Toluene	60	1.0					
Ethylbenzene	15	1.0					
Xylene(Total)	99	3.0					
1,2,4-Trimethylbenzene	11	1.0					
1,3,5-Trimethylbenzene	2.8	1.0					
Methyl-t-Butyl Ether	ND	5.0					
Naphthalene	ND	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-12GTA PROJECT NO: 091622-9
GTA SAMPLE NO: 5DATE SAMPLED: 9/15/2022
TIME SAMPLED: 3:35 PM
DATE RECEIVED: 9/16/2022
TIME RECEIVED: 9:00 AM

SAMPLED BY: WPM/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	980	50	ug/L (PPB)	MR		9/20/2022	EPA 5030B
Toluene	2,700	50					
Ethylbenzene	870	50					
Xylene(Total)	6,000	150					
1,2,4-Trimethylbenzene	1,100	50					
1,3,5-Trimethylbenzene	310	50					
Methyl-t-Butyl Ether	ND	5.0					
Naphthalene	350	5.0					
2-Methylnaphthalene	130	5.0					

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PROJECT NO: 20-361A
LOCATION: TILMANN UST

MI

SAMPLE MATRIX: WATER
SAMPLE ID: MW-16GTA PROJECT NO: 091622-9
GTA SAMPLE NO: 6DATE SAMPLED: 9/15/2022
TIME SAMPLED: 11:50 AM
DATE RECEIVED: 9/16/2022
TIME RECEIVED: 9:00 AM

SAMPLED BY: WPM/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	ND	1.0	ug/L (PPB)	MR		9/20/2022	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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MI

SAMPLE MATRIX: WATER
SAMPLE ID: MW-17GTA PROJECT NO: 091622-9
GTA SAMPLE NO: 7DATE SAMPLED: 9/15/2022
TIME SAMPLED: 12:04 PM
DATE RECEIVED: 9/16/2022
TIME RECEIVED: 9:00 AM

SAMPLED BY: WPM/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	120	1.0	ug/L (PPB)	MR		9/20/2022	EPA 5030B
Toluene	1.5	1.0					
Ethylbenzene	35	1.0					
Xylene(Total)	35	3.0					
1,2,4-Trimethylbenzene	34	1.0					
1,3,5-Trimethylbenzene	2.8	1.0					
Methyl-t-Butyl Ether	160	5.0					
Naphthalene	14	5.0					
2-Methylnaphthalene	ND	5.0					

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LOCATION: TILMANN UST

MI

SAMPLE MATRIX: WATER
SAMPLE ID: MW-18GTA PROJECT NO: 091622-9
GTA SAMPLE NO: 8DATE SAMPLED: 9/15/2022
TIME SAMPLED: 12:40 PM
DATE RECEIVED: 9/16/2022
TIME RECEIVED: 9:00 AM

SAMPLED BY: WPM/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	19	1.0	ug/L (PPB)	MR		9/20/2022	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	19	5.0					
Naphthalene	ND	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-23GTA PROJECT NO: 091622-9
GTA SAMPLE NO: 9DATE SAMPLED: 9/15/2022
TIME SAMPLED: 2:05 PM
DATE RECEIVED: 9/16/2022
TIME RECEIVED: 9:00 AM

SAMPLED BY: WPM/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	ND	1.0	ug/L (PPB)	MR		9/20/2022	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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PROJECT NO: 20-361A
LOCATION: TILMANN UST

MI

SAMPLE MATRIX: WATER
SAMPLE ID: MW-24GTA PROJECT NO: 091622-9
GTA SAMPLE NO: 10DATE SAMPLED: 9/15/2022
TIME SAMPLED: 1:45 PM
DATE RECEIVED: 9/16/2022
TIME RECEIVED: 9:00 AM

SAMPLED BY: WPM/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	ND	1.0	ug/L (PPB)	MR		9/20/2022	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	16	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-25GTA PROJECT NO: 091622-9
GTA SAMPLE NO: 11DATE SAMPLED: 9/15/2022
TIME SAMPLED: 1:10 PM
DATE RECEIVED: 9/16/2022
TIME RECEIVED: 9:00 AM

SAMPLED BY: WPM/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	ND	1.0	ug/L (PPB)	MR		9/20/2022	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	24	5.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.

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LOD = LIMIT OF DETECTION

CHAIN OF CUSTODY

PROJECT NUMBER 20-361A	SITE NAME/ADDRESS Tilman UST	COMPANY/NAME Tilman
SAMPLED BY WPM	COMPANY OMPC	GTA PROJECT # 091622-9

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	MW-4	9-15-22	1640	H ₂ O	ULG
2	MW-7	↓	1445	↓	↓
3	MW-8		1510		
4	MW-11		1550		
5	MW-12		1535		
6	MW-16		1150		
7	MW-17		1204		
8	MW-18		1240		
9	MW-23		1405		
10	MW-24		1345		
11	MW-25		1310		

BILL TO:	TempRec: ☐ 1.0°C On Ice? ☒ ☐ Y ☐ N	REPORT TO: Dan Barton
RELEASED BY [Signature]	DATE/TIME 9/16/22 850	RECEIVED BY [Signature]
		DATE/TIME 9-16-22 9:00A
REQUESTED TAT ☐ STANDARD ☐ 1 BUSINESS DAY ☐ 2 BUSINESS DAYS ☐ 3 BUSINESS DAYS		