

**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

Company: MICHIGAN CONSULTING &
Name: ENVIRONMENTAL
ClientProj: 61189

Site Addr: TWIN LAKES AREA

GTA ProjNo: 102022-18

Sampled By: JR/BP - MCE
Date Rec: 10/20/2022
Time Rec: 2:50 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-3	10/19/2022	1:43 PM	WATER
2	MW-4	10/19/2022	1:47 PM	WATER
3	MW-10	10/19/2022	11:51 AM	WATER
4	MW-16	10/19/2022	9:59 AM	WATER
5	MW-20	10/19/2022	10:05 AM	WATER
6	MW-21	10/19/2022	12:50 PM	WATER
7	PUMP BLANK	10/19/2022	1:56 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
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kirk@gtanalytical.com

COMPANY: MICHIGAN CONSULTING &
ENVIRONMENTAL
PROJECT NO: 61189
LOCATION: TWIN LAKES AREA

GTA PROJECT NO: 102022-18
GTA SAMPLE NO: 1

DATE SAMPLED: 10/19/2022
TIME SAMPLED: 1:43 PM
DATE RECEIVED: 10/20/2022
TIME RECEIVED: 2:50 PM

MI

SAMPLE MATRIX: WATER
SAMPLE ID: MW-3

SAMPLED BY: JR/BP - MCE

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	5.6	1.0	ug/L (PPB)	MR		10/22/2022	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	15	3.0					
1,2,4-Trimethylbenzene	19	1.0					
1,3,5-Trimethylbenzene	5.0	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

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COMPANY: MICHIGAN CONSULTING &
ENVIRONMENTAL
PROJECT NO: 61189
LOCATION: TWIN LAKES AREA

GTA PROJECT NO: 102022-18
GTA SAMPLE NO: 2

DATE SAMPLED: 10/19/2022
TIME SAMPLED: 1:47 PM
DATE RECEIVED: 10/20/2022
TIME RECEIVED: 2:50 PM

MI

SAMPLE MATRIX: WATER
SAMPLE ID: MW-4

SAMPLED BY: JR/BP - MCE

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		10/22/2022	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	610	21					
1,2,4-Trimethylbenzene	420	10					
1,3,5-Trimethylbenzene	110	1.0					
Naphthalene	73	5.0					
2-Methylnaphthalene	33	5.0					

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COMPANY: MICHIGAN CONSULTING &
ENVIRONMENTAL
PROJECT NO: 61189
LOCATION: TWIN LAKES AREA

GTA PROJECT NO: 102022-18
GTA SAMPLE NO: 3

DATE SAMPLED: 10/19/2022
TIME SAMPLED: 11:51 AM
DATE RECEIVED: 10/20/2022
TIME RECEIVED: 2:50 PM

MI

SAMPLE MATRIX: WATER
SAMPLE ID: MW-10

SAMPLED BY: JR/BP - MCE

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		10/21/2022	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					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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LOD = LIMIT OF DETECTION

COMPANY: MICHIGAN CONSULTING &
ENVIRONMENTAL
PROJECT NO: 61189
LOCATION: TWIN LAKES AREA

GTA PROJECT NO: 102022-18
GTA SAMPLE NO: 4

DATE SAMPLED: 10/19/2022
TIME SAMPLED: 9:59 AM
DATE RECEIVED: 10/20/2022
TIME RECEIVED: 2:50 PM

MI

SAMPLE MATRIX: WATER
SAMPLE ID: MW-16

SAMPLED BY: JR/BP - MCE

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		10/21/2022	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					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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LOD = LIMIT OF DETECTION

COMPANY: MICHIGAN CONSULTING &
ENVIRONMENTAL
PROJECT NO: 61189
LOCATION: TWIN LAKES AREA

GTA PROJECT NO: 102022-18
GTA SAMPLE NO: 5

DATE SAMPLED: 10/19/2022
TIME SAMPLED: 10:05 AM
DATE RECEIVED: 10/20/2022
TIME RECEIVED: 2:50 PM

MI

SAMPLE MATRIX: WATER
SAMPLE ID: MW-20

SAMPLED BY: JR/BP - MCE

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		10/21/2022	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					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.
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COMPANY: MICHIGAN CONSULTING &
ENVIRONMENTAL
PROJECT NO: 61189
LOCATION: TWIN LAKES AREA

GTA PROJECT NO: 102022-18
GTA SAMPLE NO: 6

DATE SAMPLED: 10/19/2022
TIME SAMPLED: 12:50 PM
DATE RECEIVED: 10/20/2022
TIME RECEIVED: 2:50 PM

MI

SAMPLE MATRIX: WATER
SAMPLE ID: MW-21

SAMPLED BY: JR/BP - MCE

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		10/21/2022	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					
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: MICHIGAN CONSULTING &
ENVIRONMENTAL
PROJECT NO: 61189
LOCATION: TWIN LAKES AREA

GTA PROJECT NO: 102022-18
GTA SAMPLE NO: 7

DATE SAMPLED: 10/19/2022
TIME SAMPLED: 1:56 PM
DATE RECEIVED: 10/20/2022
TIME RECEIVED: 2:50 PM

MI

SAMPLE MATRIX: WATER
SAMPLE ID: PUMP BLANK

SAMPLED BY: JR/BP - MCE

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		10/21/2022	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					
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

CHAIN OF CUSTODY

PROJECT NUMBER 61189	SITE NAME/ADDRESS Twin Lakes Area	COMPANY/NAME MCE
SAMPLED BY J. Rossi / B. Purkiss	COMPANY MCE	GTA PROJECT # 102022-18

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	MW-3	10-19-22	13:43	6-W	BTEX, TMBs, Nap, 2MN
2	MW-4	↓	13:47	↓	↓ ↓ ↓ ↓
3	MW-10		11:51		
4	MW-16		9:59		
5	MW-20		10:05		
6	MW-21		12:50		
7	Pump Blank		13:56		

BILL TO:

MCE

TempRec: ☐

1.1°C

On Ice?

☒ Y ☐ N

REPORT TO:

RELEASED BY

DATE/TIME

RECEIVED BY

DATE/TIME

Jim Rossi

10-20-22 230p

Dany Heller

10-20-22 / 230p

Dany Heller

10-20-22 250pm

K. Heller

10/20/22 2:50p

REQUESTED TAT

☒ STANDARD

☐ 1 BUSINESS DAY

☐ 2 BUSINESS DAYS

☐ 3 BUSINESS DAYS