

**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
GTA ProjNo: 101823-17

Site Addr: TWIN LAKES AREA
3680 MICHIGAN STREET NE
GRAND RAPIDS
Sampled By: BRIAN PURKISS/MCE
Date Rec: 10/18/2023
Time Rec: 4:22 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-3	10/17/2023	3:46 PM	WATER
2	MW-4	10/17/2023	2:56 PM	WATER
3	MW-10	10/17/2023	1:53 PM	WATER
4	MW-16	10/17/2023	10:50 AM	WATER
5	MW-20	10/17/2023	12:53 PM	WATER
6	MW-21	10/17/2023	11:53 AM	WATER
7	PUMP BLANK	10/17/2023	4:00 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
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COMPANY: MICHIGAN CONSULTING &
ENVIRONMENTAL
PROJECT NO: 61189
LOCATION: TWIN LAKES AREA
3680 MICHIGAN STREET NE
GRAND RAPIDS
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-3

GTA PROJECT NO: 101823-17
GTA SAMPLE NO: 1
DATE SAMPLED: 10/17/2023
TIME SAMPLED: 3:46 PM
DATE RECEIVED: 10/18/2023
TIME RECEIVED: 4:22 PM

SAMPLED BY: BRIAN PURKISS/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>Completed</u>	<u>Prep Method</u>
Benzene	7.1	1.0	ug/L (PPB)	MR		10/20/2023	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	3.0	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

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COMPANY: MICHIGAN CONSULTING &
ENVIRONMENTAL
PROJECT NO: 61189
LOCATION: TWIN LAKES AREA
3680 MICHIGAN STREET NE
GRAND RAPIDS
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-4

GTA PROJECT NO: 101823-17
GTA SAMPLE NO: 2
DATE SAMPLED: 10/17/2023
TIME SAMPLED: 2:56 PM
DATE RECEIVED: 10/18/2023
TIME RECEIVED: 4:22 PM

SAMPLED BY: BRIAN PURKISS/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>Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		10/20/2023	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	100	3.0					
1,2,4-Trimethylbenzene	45	1.0					
1,3,5-Trimethylbenzene	9.3	1.0					
Naphthalene	9.6	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
3680 MICHIGAN STREET NE
GRAND RAPIDS
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-10

GTA PROJECT NO: 101823-17
GTA SAMPLE NO: 3
DATE SAMPLED: 10/17/2023
TIME SAMPLED: 1:53 PM
DATE RECEIVED: 10/18/2023
TIME RECEIVED: 4:22 PM

SAMPLED BY: BRIAN PURKISS/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>Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		10/20/2023	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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LOD = LIMIT OF DETECTION

COMPANY: MICHIGAN CONSULTING &
ENVIRONMENTAL
PROJECT NO: 61189
LOCATION: TWIN LAKES AREA
3680 MICHIGAN STREET NE
GRAND RAPIDS
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-16

GTA PROJECT NO: 101823-17
GTA SAMPLE NO: 4
DATE SAMPLED: 10/17/2023
TIME SAMPLED: 10:50 AM
DATE RECEIVED: 10/18/2023
TIME RECEIVED: 4:22 PM

SAMPLED BY: BRIAN PURKISS/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>Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		10/20/2023	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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COMPANY: MICHIGAN CONSULTING &
ENVIRONMENTAL
PROJECT NO: 61189
LOCATION: TWIN LAKES AREA
3680 MICHIGAN STREET NE
GRAND RAPIDS
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-20

GTA PROJECT NO: 101823-17
GTA SAMPLE NO: 5
DATE SAMPLED: 10/17/2023
TIME SAMPLED: 12:53 PM
DATE RECEIVED: 10/18/2023
TIME RECEIVED: 4:22 PM

SAMPLED BY: BRIAN PURKISS/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>Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		10/20/2023	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
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COMPANY: MICHIGAN CONSULTING &
ENVIRONMENTAL
PROJECT NO: 61189
LOCATION: TWIN LAKES AREA
3680 MICHIGAN STREET NE
GRAND RAPIDS
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-21

GTA PROJECT NO: 101823-17
GTA SAMPLE NO: 6
DATE SAMPLED: 10/17/2023
TIME SAMPLED: 11:53 AM
DATE RECEIVED: 10/18/2023
TIME RECEIVED: 4:22 PM

SAMPLED BY: BRIAN PURKISS/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>Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		10/20/2023	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
3680 MICHIGAN STREET NE
GRAND RAPIDS
MI
SAMPLE MATRIX: WATER
SAMPLE ID: PUMP BLANK

GTA PROJECT NO: 101823-17
GTA SAMPLE NO: 7
DATE SAMPLED: 10/17/2023
TIME SAMPLED: 4:00 PM
DATE RECEIVED: 10/18/2023
TIME RECEIVED: 4:22 PM

SAMPLED BY: BRIAN PURKISS/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>Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		10/20/2023	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 LAKE AREA 3680 MICHIGAN STREET NE, GRAND RAPIDS, MI	COMPANY/NAME MCE
SAMPLED BY BRIAN PURKISS	COMPANY MCE	GTA PROJECT # 101823-17

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	MW-3	10-17-23	1546	GW	BTEX, TMBS, NAPL, 2-MN
2	MW-4	↓	1456	↓	ALL SAMPLES
3	MW-10		1353		
4	MW-16		1050		
5	MW-20		1253		
6	MW-21		1153		
7	PUMP BLANK		1600		

BILL TO: **MCE**

TempRec: ☐

On Ice? ☒ ☐

4.0°C

REPORT TO:

Jim Rossi

RELEASED BY

DATE/TIME

RECEIVED BY

DATE/TIME

[Signature]

10-17-23 1822

MCE - COLD STORAGE

10-17-22 1822

MCE - COLD STORAGE

10-18-23 1611

[Signature]

10-18-23 1611

[Signature]

10-18-23 1622

[Signature]

10/18/23 16:22

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