



INDEPENDENT TESTING LAB

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

Company: MISSAUKEE OIL & GAS
Name:
ClientProj: 21-0899-0500
GTA ProjNo: 122121-21

Site Addr: STATE LYON 1-10 (NORWICH UNIT TR 6-10)
Sampled By: BJB/JSL - ECT
Date Rec: 12/21/2021
Time Rec: 3:40 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-3	12/21/2021	9:10 AM	WATER
2	MW-9	12/21/2021	9:17 AM	WATER
3	MW-8	12/21/2021	9:49 AM	WATER
4	MW-4	12/21/2021	10:04 AM	WATER
5	MW-7	12/21/2021	10:20 AM	WATER
6	MW-6	12/21/2021	10:47 AM	WATER
7	MW-5	12/21/2021	11:11 AM	WATER
8	MW-2	12/21/2021	11:20 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
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COMPANY: MISSAUKEE OIL & GAS
 PROJECT NO: 21-0899-0500
 LOCATION: STATE LYON 1-10 (NORWICH UNIT TR 6-
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-3

GTA PROJECT NO: 122121-21
 GTA SAMPLE NO: 1
 DATE SAMPLED: 12/21/2021
 TIME SAMPLED: 9:10 AM
 DATE RECEIVED: 12/21/2021
 TIME RECEIVED: 3:40 PM

SAMPLED BY: BJB/JSL - 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		12/23/2021	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					
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: MISSAUKEE OIL & GAS
 PROJECT NO: 21-0899-0500
 LOCATION: STATE LYON 1-10 (NORWICH UNIT TR 6-
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-9

GTA PROJECT NO: 122121-21
 GTA SAMPLE NO: 2
 DATE SAMPLED: 12/21/2021
 TIME SAMPLED: 9:17 AM
 DATE RECEIVED: 12/21/2021
 TIME RECEIVED: 3:40 PM

SAMPLED BY: BJB/JSL - 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		12/23/2021	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					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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COMPANY: MISSAUKEE OIL & GAS
 PROJECT NO: 21-0899-0500
 LOCATION: STATE LYON 1-10 (NORWICH UNIT TR 6-
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-8

GTA PROJECT NO: 122121-21
 GTA SAMPLE NO: 3
 DATE SAMPLED: 12/21/2021
 TIME SAMPLED: 9:49 AM
 DATE RECEIVED: 12/21/2021
 TIME RECEIVED: 3:40 PM

SAMPLED BY: BJB/JSL - 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		12/23/2021	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					
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: MISSAUKEE OIL & GAS
 PROJECT NO: 21-0899-0500
 LOCATION: STATE LYON 1-10 (NORWICH UNIT TR 6-
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-4

GTA PROJECT NO: 122121-21
 GTA SAMPLE NO: 4
 DATE SAMPLED: 12/21/2021
 TIME SAMPLED: 10:04 AM
 DATE RECEIVED: 12/21/2021
 TIME RECEIVED: 3:40 PM

SAMPLED BY: BJB/JSL - ECT

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		12/23/2021	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					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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COMPANY: MISSAUKEE OIL & GAS
 PROJECT NO: 21-0899-0500
 LOCATION: STATE LYON 1-10 (NORWICH UNIT TR 6-
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-7

GTA PROJECT NO: 122121-21
 GTA SAMPLE NO: 5
 DATE SAMPLED: 12/21/2021
 TIME SAMPLED: 10:20 AM
 DATE RECEIVED: 12/21/2021
 TIME RECEIVED: 3:40 PM

SAMPLED BY: BJB/JSL - 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		12/23/2021	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					
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: MISSAUKEE OIL & GAS
 PROJECT NO: 21-0899-0500
 LOCATION: STATE LYON 1-10 (NORWICH UNIT TR 6-
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-6

GTA PROJECT NO: 122121-21
 GTA SAMPLE NO: 6
 DATE SAMPLED: 12/21/2021
 TIME SAMPLED: 10:47 AM
 DATE RECEIVED: 12/21/2021
 TIME RECEIVED: 3:40 PM

SAMPLED BY: BJB/JSL - 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		12/23/2021	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					
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: MISSAUKEE OIL & GAS
 PROJECT NO: 21-0899-0500
 LOCATION: STATE LYON 1-10 (NORWICH UNIT TR 6-
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-5

GTA PROJECT NO: 122121-21
 GTA SAMPLE NO: 7
 DATE SAMPLED: 12/21/2021
 TIME SAMPLED: 11:11 AM
 DATE RECEIVED: 12/21/2021
 TIME RECEIVED: 3:40 PM

SAMPLED BY: BJB/JSL - 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	32	1.0	ug/L (PPB)	MR		12/23/2021	EPA 5030B
Toluene	72	1.0					
Ethylbenzene	6.2	1.0					
Xylene(Total)	47	3.0					
1,2,4-Trimethylbenzene	16	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.
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 LOD = LIMIT OF DETECTION

COMPANY: MISSAUKEE OIL & GAS
 PROJECT NO: 21-0899-0500
 LOCATION: STATE LYON 1-10 (NORWICH UNIT TR 6-
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-2

GTA PROJECT NO: 122121-21
 GTA SAMPLE NO: 8
 DATE SAMPLED: 12/21/2021
 TIME SAMPLED: 11:20 AM
 DATE RECEIVED: 12/21/2021
 TIME RECEIVED: 3:40 PM

SAMPLED BY: BJB/JSL - ECT

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	59	5.0	ug/L (PPB)	MR		12/23/2021	EPA 5030B
Toluene	160	5.0					
Ethylbenzene	6.6	1.0					
Xylene(Total)	23	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

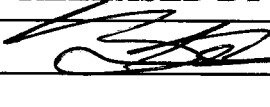
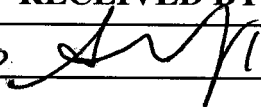
CHAIN OF CUSTODY

PROJECT NUMBER 21-0899-0500	SITE NAME/ADDRESS STATE LYON 1-10 (NORWICH UNIT TR 6-10)	COMPANY/NAME MISSAUKEE OIL & GAS
SAMPLED BY B. BAUMANN / J. LEWANDOWSKI	COMPANY ECT	GTA PROJECT # 122121-21

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	MW-3	12/21/21	0910	GW	BTEX +4
2	MW-9	↓	0917	↓	↓
3	MW-8		0949		
4	MW-4		1004		
5	MW-7		1020		
6	MW-6		1047		
7	MW-5		1111		
8	MW-2		1120		

BILL TO: ECT	TempRec: <input type="checkbox"/> 3.0°C	On Ice? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	REPORT TO: J. LEWANDOWSKI B. BAUMANN ECT
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RELEASED BY 	DATE/TIME 12/21/21 @ 3:40p	RECEIVED BY 	DATE/TIME 12/21/21 3:40
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REQUESTED TAT STANDARD 1 BUSINESS DAY 2 BUSINESS DAYS 3 BUSINESS DAYS