

**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: 210889-0500

GTA ProjNo: 122121-20

Site Addr: NORWICH UNIT TRACT 4-156

Sampled By: JSL/BJB - ECT

Date Rec: 12/21/2021

Time Rec: 3:40 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-2	12/21/2021	1:30 PM	WATER
2	MW-3	12/21/2021	1:28 PM	WATER
3	MW-6	12/21/2021	1:40 PM	WATER
4	MW-7 (8')	12/21/2021	2:07 PM	WATER
5	MW-7 (40')	12/21/2021	2:20 PM	WATER
6	MW-8 (5')	12/21/2021	2:17 PM	WATER
7	MW-11	12/21/2021	1:20 PM	WATER
8	MW-13	12/21/2021	1:20 PM	WATER
9	MW-14 (8')	12/21/2021	1:45 PM	WATER
10	SUMP 1	12/21/2021	1:55 PM	WATER
11	SUMP 2	12/21/2021	1:58 PM	WATER
12	GS-13	12/21/2021	1:55 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
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Robinwood Court
Traverse City, MI 49686
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COMPANY: MISSAUKEE OIL & GAS
PROJECT NO: 210889-0500
LOCATION: NORWICH UNIT TRACT 4-156

GTA PROJECT NO: 122121-20
GTA SAMPLE NO: 1

DATE SAMPLED: 12/21/2021
TIME SAMPLED: 1:30 PM
DATE RECEIVED: 12/21/2021
TIME RECEIVED: 3:40 PM

MI
SAMPLED BY: JSL/BJB - ECT

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
	SAMPLE ID: MW-2						
	CHLORIDE EPA 300.0	850	50	mg/L (PPM)	TR	12/23/2021	WATER

ND = NOT DETECTED, RESULT < LOD
LOD = LIMIT OF DETECTION
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PROJECT NO: 210889-0500
LOCATION: NORWICH UNIT TRACT 4-156

GTA PROJECT NO: 122121-20
GTA SAMPLE NO: 2

DATE SAMPLED: 12/21/2021
TIME SAMPLED: 1:28 PM
DATE RECEIVED: 12/21/2021
TIME RECEIVED: 3:40 PM

MI
SAMPLED BY: JSL/BJB - ECT

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
	SAMPLE ID: MW-3						
	CHLORIDE EPA 300.0	67	10	mg/L (PPM)	TR	12/23/2021	WATER

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COMPANY: MISSAUKEE OIL & GAS
PROJECT NO: 210889-0500
LOCATION: NORWICH UNIT TRACT 4-156

GTA PROJECT NO: 122121-20
GTA SAMPLE NO: 3

DATE SAMPLED: 12/21/2021
TIME SAMPLED: 1:40 PM
DATE RECEIVED: 12/21/2021
TIME RECEIVED: 3:40 PM

MI
SAMPLED BY: JSL/BJB - ECT

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
	SAMPLE ID: MW-6						
	CHLORIDE EPA 300.0	85	10	mg/L (PPM)	TR	12/23/2021	WATER

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COMPANY: MISSAUKEE OIL & GAS
PROJECT NO: 210889-0500
LOCATION: NORWICH UNIT TRACT 4-156

GTA PROJECT NO: 122121-20
GTA SAMPLE NO: 4

DATE SAMPLED: 12/21/2021
TIME SAMPLED: 2:07 PM
DATE RECEIVED: 12/21/2021
TIME RECEIVED: 3:40 PM

MI
SAMPLED BY: JSL/BJB - ECT

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
	SAMPLE ID: MW-7 (8')						
	CHLORIDE EPA 300.0	130	10	mg/L (PPM)	TR	12/23/2021	WATER

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COMPANY: MISSAUKEE OIL & GAS
PROJECT NO: 210889-0500
LOCATION: NORWICH UNIT TRACT 4-156

GTA PROJECT NO: 122121-20
GTA SAMPLE NO: 5

DATE SAMPLED: 12/21/2021
TIME SAMPLED: 2:20 PM
DATE RECEIVED: 12/21/2021
TIME RECEIVED: 3:40 PM

MI
SAMPLED BY: JSL/BJB - ECT

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
	SAMPLE ID: MW-7 (40')						
	CHLORIDE EPA 300.0	63	10	mg/L (PPM)	TR	12/23/2021	WATER

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COMPANY: MISSAUKEE OIL & GAS
PROJECT NO: 210889-0500
LOCATION: NORWICH UNIT TRACT 4-156

GTA PROJECT NO: 122121-20
GTA SAMPLE NO: 6

DATE SAMPLED: 12/21/2021
TIME SAMPLED: 2:17 PM
DATE RECEIVED: 12/21/2021
TIME RECEIVED: 3:40 PM

MI
SAMPLED BY: JSL/BJB - ECT

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
	SAMPLE ID: MW-8 (5')						
	CHLORIDE EPA 300.0	200	10	mg/L (PPM)	TR	12/23/2021	WATER

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COMPANY: MISSAUKEE OIL & GAS
PROJECT NO: 210889-0500
LOCATION: NORWICH UNIT TRACT 4-156

GTA PROJECT NO: 122121-20
GTA SAMPLE NO: 7

DATE SAMPLED: 12/21/2021
TIME SAMPLED: 1:20 PM
DATE RECEIVED: 12/21/2021
TIME RECEIVED: 3:40 PM

MI
SAMPLED BY: JSL/BJB - ECT

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
	SAMPLE ID: MW-11						
	CHLORIDE EPA 300.0	220	10	mg/L (PPM)	TR	12/23/2021	WATER

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COMPANY: MISSAUKEE OIL & GAS
PROJECT NO: 210889-0500
LOCATION: NORWICH UNIT TRACT 4-156

GTA PROJECT NO: 122121-20
GTA SAMPLE NO: 8

DATE SAMPLED: 12/21/2021
TIME SAMPLED: 1:20 PM
DATE RECEIVED: 12/21/2021
TIME RECEIVED: 3:40 PM

MI
SAMPLED BY: JSL/BJB - ECT

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
	SAMPLE ID: MW-13						
	CHLORIDE EPA 300.0	790	50	mg/L (PPM)	TR	12/23/2021	WATER

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COMPANY: MISSAUKEE OIL & GAS
PROJECT NO: 210889-0500
LOCATION: NORWICH UNIT TRACT 4-156

GTA PROJECT NO: 122121-20
GTA SAMPLE NO: 9

DATE SAMPLED: 12/21/2021
TIME SAMPLED: 1:45 PM
DATE RECEIVED: 12/21/2021
TIME RECEIVED: 3:40 PM

MI
SAMPLED BY: JSL/BJB - ECT

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
	SAMPLE ID: MW-14 (8')						
	CHLORIDE EPA 300.0	39	10	mg/L (PPM)	TR	12/23/2021	WATER

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COMPANY: MISSAUKEE OIL & GAS
PROJECT NO: 210889-0500
LOCATION: NORWICH UNIT TRACT 4-156

GTA PROJECT NO: 122121-20
GTA SAMPLE NO: 10

DATE SAMPLED: 12/21/2021
TIME SAMPLED: 1:55 PM
DATE RECEIVED: 12/21/2021
TIME RECEIVED: 3:40 PM

MI
SAMPLED BY: JSL/BJB - ECT

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
	SAMPLE ID: SUMP 1						
	CHLORIDE EPA 300.0	62	10	mg/L (PPM)	TR	12/23/2021	WATER

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COMPANY: MISSAUKEE OIL & GAS
PROJECT NO: 210889-0500
LOCATION: NORWICH UNIT TRACT 4-156

GTA PROJECT NO: 122121-20
GTA SAMPLE NO: 11

DATE SAMPLED: 12/21/2021
TIME SAMPLED: 1:58 PM
DATE RECEIVED: 12/21/2021
TIME RECEIVED: 3:40 PM

MI
SAMPLED BY: JSL/BJB - ECT

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
SAMPLE ID: SUMP 2							
CHLORIDE EPA 300.0		120	10	mg/L (PPM)	TR	12/23/2021	WATER

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COMPANY: MISSAUKEE OIL & GAS
PROJECT NO: 210889-0500
LOCATION: NORWICH UNIT TRACT 4-156

GTA PROJECT NO: 122121-20
GTA SAMPLE NO: 12

DATE SAMPLED: 12/21/2021
TIME SAMPLED: 1:55 PM
DATE RECEIVED: 12/21/2021
TIME RECEIVED: 3:40 PM

MI
SAMPLED BY: JSL/BJB - ECT

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
	SAMPLE ID: GS-13						
	CHLORIDE EPA 300.0	91	10	mg/L (PPM)	TR	12/23/2021	WATER

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CHAIN OF CUSTODY

PROJECT NUMBER 210899-0500	SITE NAME/ADDRESS Norwich Unit Tract 4-156	COMPANY/NAME Missaukee Oil & Gas
SAMPLED BY JS4/BJB	COMPANY ECT	GTA PROJECT # 122121-20

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	MW-2	12/21/21	13:30	GW	Chloride
2	MW-3		13:28		
3	MW-6		13:40		
4	MW-7 (8')		14:07		
5	MW-7 (40')		14:20		
6	MW-8 (5')		14:17		
7	MW-11		13:20		
8	MW-13		13:20		
9	MW-14 (8')		13:45		
10	Sump 1		13:55		
11	Sump 2		13:58		
12	GS-13		13:55		

BILL TO:

ECT

TempRec: ☐

On Ice? ☐ ☐

REPORT TO:

Brian Baumgardner
Jerry Beranek

RELEASED BY

DATE/TIME

RECEIVED BY

DATE/TIME

[Signature] 12/21/21 13:40

[Signature] 12/21/21 3:40

REQUESTED TAT

☒ STANDARD

☐ 1 BUSINESS DAY

☐ 2 BUSINESS DAYS

☐ 3 BUSINESS DAYS