

**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: 210899-0500

GTA ProjNo: 122221-6

Site Addr: NORWICH UNIT TRACT 4-156

Sampled By: BJB/JSL - ECT

Date Rec: 12/22/2021

Time Rec: 2:05 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-15	12/22/2021	10:47 AM	WATER
2	MW-16	12/22/2021	11:15 AM	WATER
3	MW-17	12/22/2021	11:43 AM	WATER
4	MW-18	12/22/2021	12:10 PM	WATER
5	MW-19	12/22/2021	11:48 AM	WATER
6	MW-20	12/22/2021	9:59 AM	WATER
7	MW-21	12/22/2021	10:10 AM	WATER
8	MW-23	12/22/2021	10:05 AM	WATER
9	MW-24	12/22/2021	11:15 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
Ph: 231-929-0905
Fx: 231-929-0894
SP: 231-590-0291
kirk@gtanalytical.com

**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
PROJECT NO: 210899-0500
LOCATION: NORWICH UNIT TRACT 4-156

GTA PROJECT NO: 122221-6
GTA SAMPLE NO: 1

DATE SAMPLED: 12/22/2021
TIME SAMPLED: 10:47 AM
DATE RECEIVED: 12/22/2021
TIME RECEIVED: 2:05 PM

MI
SAMPLED BY: BJB/JSL - 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</u>
	SAMPLE ID: MW-15 CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	TR	12/23/2021	WATER

ND = NOT DETECTED, RESULT < LOD
LOD = LIMIT OF DETECTION
s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: MISSAUKEE OIL & GAS
PROJECT NO: 210899-0500
LOCATION: NORWICH UNIT TRACT 4-156

GTA PROJECT NO: 122221-6
GTA SAMPLE NO: 2

DATE SAMPLED: 12/22/2021
TIME SAMPLED: 11:15 AM
DATE RECEIVED: 12/22/2021
TIME RECEIVED: 2:05 PM

MI
SAMPLED BY: BJB/JSL - 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</u>
	SAMPLE ID: MW-16						
	CHLORIDE EPA 300.0	280	10	mg/L (PPM)	TR	12/23/2021	WATER

ND = NOT DETECTED, RESULT < LOD
LOD = LIMIT OF DETECTION
s.u. = STANDARD pH UNITS REPORTED AT 25 C

**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
PROJECT NO: 210899-0500
LOCATION: NORWICH UNIT TRACT 4-156

GTA PROJECT NO: 122221-6
GTA SAMPLE NO: 3

DATE SAMPLED: 12/22/2021
TIME SAMPLED: 11:43 AM
DATE RECEIVED: 12/22/2021
TIME RECEIVED: 2:05 PM

MI
SAMPLED BY: BJB/JSL - 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</u>
	SAMPLE ID: MW-17						
	CHLORIDE EPA 300.0	2,100	100	mg/L (PPM)	TR	12/23/2021	WATER

ND = NOT DETECTED, RESULT < LOD
LOD = LIMIT OF DETECTION
s.u. = STANDARD pH UNITS REPORTED AT 25 C

**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
PROJECT NO: 210899-0500
LOCATION: NORWICH UNIT TRACT 4-156

GTA PROJECT NO: 122221-6
GTA SAMPLE NO: 4

DATE SAMPLED: 12/22/2021
TIME SAMPLED: 12:10 PM
DATE RECEIVED: 12/22/2021
TIME RECEIVED: 2:05 PM

MI
SAMPLED BY: BJB/JSL - 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</u>
	SAMPLE ID: MW-18						
	CHLORIDE EPA 300.0	590	20	mg/L (PPM)	TR	12/23/2021	WATER

ND = NOT DETECTED, RESULT < LOD
LOD = LIMIT OF DETECTION
s.u. = STANDARD pH UNITS REPORTED AT 25 C

**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
PROJECT NO: 210899-0500
LOCATION: NORWICH UNIT TRACT 4-156

GTA PROJECT NO: 122221-6
GTA SAMPLE NO: 5

DATE SAMPLED: 12/22/2021
TIME SAMPLED: 11:48 AM
DATE RECEIVED: 12/22/2021
TIME RECEIVED: 2:05 PM

MI
SAMPLED BY: BJB/JSL - 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</u>
	SAMPLE ID: MW-19						
	CHLORIDE EPA 300.0	120	10	mg/L (PPM)	TR	12/23/2021	WATER

ND = NOT DETECTED, RESULT < LOD
LOD = LIMIT OF DETECTION
s.u. = STANDARD pH UNITS REPORTED AT 25 C

**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
PROJECT NO: 210899-0500
LOCATION: NORWICH UNIT TRACT 4-156

GTA PROJECT NO: 122221-6
GTA SAMPLE NO: 6

DATE SAMPLED: 12/22/2021
TIME SAMPLED: 9:59 AM
DATE RECEIVED: 12/22/2021
TIME RECEIVED: 2:05 PM

MI
SAMPLED BY: BJB/JSL - 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</u>
	SAMPLE ID: MW-20						
	CHLORIDE EPA 300.0	700	50	mg/L (PPM)	TR	12/23/2021	WATER

ND = NOT DETECTED, RESULT < LOD
LOD = LIMIT OF DETECTION
s.u. = STANDARD pH UNITS REPORTED AT 25 C

**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
PROJECT NO: 210899-0500
LOCATION: NORWICH UNIT TRACT 4-156

GTA PROJECT NO: 122221-6
GTA SAMPLE NO: 7

DATE SAMPLED: 12/22/2021
TIME SAMPLED: 10:10 AM
DATE RECEIVED: 12/22/2021
TIME RECEIVED: 2:05 PM

MI
SAMPLED BY: BJB/JSL - 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</u>
	SAMPLE ID: MW-21						
	CHLORIDE EPA 300.0	170	10	mg/L (PPM)	TR	12/23/2021	WATER

ND = NOT DETECTED, RESULT < LOD
LOD = LIMIT OF DETECTION
s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: MISSAUKEE OIL & GAS
PROJECT NO: 210899-0500
LOCATION: NORWICH UNIT TRACT 4-156

GTA PROJECT NO: 122221-6
GTA SAMPLE NO: 8
DATE SAMPLED: 12/22/2021
TIME SAMPLED: 10:05 AM
DATE RECEIVED: 12/22/2021
TIME RECEIVED: 2:05 PM

MI
SAMPLED BY: BJB/JSL - 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</u>
SAMPLE ID: MW-23							
CHLORIDE EPA 300.0		33	10	mg/L (PPM)	TR	12/23/2021	WATER

ND = NOT DETECTED, RESULT < LOD
LOD = LIMIT OF DETECTION
s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: MISSAUKEE OIL & GAS
PROJECT NO: 210899-0500
LOCATION: NORWICH UNIT TRACT 4-156

GTA PROJECT NO: 122221-6
GTA SAMPLE NO: 9

DATE SAMPLED: 12/22/2021
TIME SAMPLED: 11:15 AM
DATE RECEIVED: 12/22/2021
TIME RECEIVED: 2:05 PM

MI
SAMPLED BY: BJB/JSL - 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</u>
	SAMPLE ID: MW-24						
	CHLORIDE EPA 300.0	20	10	mg/L (PPM)	TR	12/23/2021	WATER

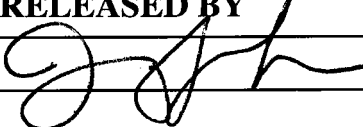
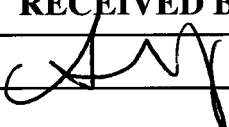
ND = NOT DETECTED, RESULT < LOD
LOD = LIMIT OF DETECTION
s.u. = STANDARD pH UNITS REPORTED AT 25 C

CHAIN OF CUSTODY

PROJECT NUMBER 210899-0500	SITE NAME/ADDRESS Norwich Unit Tract 4-156	COMPANY/NAME Missaukee Alt #675
SAMPLED BY BJB/JSL	COMPANY ECT	GTA PROJECT # 122221-6

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	MW-15	12/22/21	10:47	BW	Chloride
2	MW-16		11:15		
3	MW-17		11:43		
4	MW-18		12:10		
5	MW-19		11:48		
6	MW-20		9:59		
7	MW-21		10:10		
8	MW-23		10:05		
9	MW-24		11:15		

BILL TO: ECT	TempRec: ☐ Y ☒ N On Ice? ☐ ☐	REPORT TO: Brian Benham Jeremy Lewandowski
RELEASED BY 	DATE/TIME 12/22/21 2:05p	RECEIVED BY 
REQUESTED TAT ☒ STANDARD		☐ 1 BUSINESS DAY ☐ 2 BUSINESS DAYS ☐ 3 BUSINESS DAYS