

**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: 210899-0400
GTA ProjNo: 063022-4

Site Addr: NORWICH 4-156

Sampled By: BJB/JSL - ECT
Date Rec: 6/30/2022
Time Rec: 1:00 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-23	6/30/2022	8:20 AM	WATER
2	MW-21	6/30/2022	8:57 AM	WATER
3	MW-19	6/30/2022	10:14 AM	WATER
4	MW-24	6/30/2022	9:47 AM	WATER
5	SUMP 2	6/30/2022	10:43 AM	WATER
6	SUMP 1	6/30/2022	10:47 AM	WATER
7	MW-7 (8')	6/30/2022	11:05 AM	WATER
8	MW-7 (40')	6/30/2022	11:17 AM	WATER
9	MW-6	6/30/2022	11:16 AM	WATER
10	MW-14 (8')	6/30/2022	11:24 AM	WATER
11	MW-13	6/30/2022	11:37 AM	WATER
12	MW-3	6/30/2022	11:47 AM	WATER
13	MW-8 (5')	6/30/2022	10:57 AM	WATER
14	MW-2	6/30/2022	11:30 AM	WATER
15	MW-11	6/30/2022	11:45 AM	WATER
16	MW-20	6/30/2022	8:12 AM	WATER
17	MW-15	6/30/2022	8:41 AM	WATER
18	MW-16	6/30/2022	9:08 AM	WATER
19	MW-17	6/30/2022	9:32 AM	WATER
20	MW-18	6/30/2022	9:58 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: 210899-0400

LOCATION: NORWICH 4-156

GTA PROJECT NO: 063022-4

GTA SAMPLE NO: 1

DATE SAMPLED: 6/30/2022

TIME SAMPLED: 8:20 AM

DATE RECEIVED: 6/30/2022

TIME RECEIVED: 1:00 PM

SAMPLED BY: MI
BJB/JSL - ECT**SAMPLE ANALYSIS****No: Analysis**

SAMPLE ID: MW-23

CHLORIDE EPA 300.0

Concentration

28

LOD

10

Units

mg/L (PPM)

Analyst

KC/TR

Date Completed

7/11/2022

Sample

WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: MISSAUKEE OIL & GAS

GTA PROJECT NO: 063022-4

PROJECT NO: 210899-0400

GTA SAMPLE NO: 2

LOCATION: NORWICH 4-156

DATE SAMPLED: 6/30/2022

TIME SAMPLED: 8:57 AM

DATE RECEIVED: 6/30/2022

TIME RECEIVED: 1:00 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	43	10	mg/L (PPM)	KC/TR	7/11/2022	WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: MISSAUKEE OIL & GAS

GTA PROJECT NO: 063022-4

PROJECT NO: 210899-0400

GTA SAMPLE NO: 3

LOCATION: NORWICH 4-156

DATE SAMPLED: 6/30/2022

TIME SAMPLED: 10:14 AM

DATE RECEIVED: 6/30/2022

TIME RECEIVED: 1:00 PM

MI

SAMPLED BY: BJB/JSL - ECT

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-19

CHLORIDE EPA 300.0

Concentration

LOD

Units

Analyst

Date Completed

Sample

71

10

mg/L (PPM)

KC/TR

7/11/2022

WATER

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COMPANY: MISSAUKEE OIL & GAS

PROJECT NO: 210899-0400

LOCATION: NORWICH 4-156

GTA PROJECT NO: 063022-4

GTA SAMPLE NO: 4

DATE SAMPLED: 6/30/2022

TIME SAMPLED: 9:47 AM

DATE RECEIVED: 6/30/2022

TIME RECEIVED: 1:00 PM

SAMPLED BY: MI
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	19	10	mg/L (PPM)	KC/TR	7/11/2022	WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: MISSAUKEE OIL & GAS

GTA PROJECT NO: 063022-4

PROJECT NO: 210899-0400

GTA SAMPLE NO: 5

LOCATION: NORWICH 4-156

DATE SAMPLED: 6/30/2022

TIME SAMPLED: 10:43 AM

DATE RECEIVED: 6/30/2022

TIME RECEIVED: 1:00 PM

MI

SAMPLED BY: BJB/JSL - ECT

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: SUMP 2

CHLORIDE EPA 300.0

Concentration

LOD

Units

Analyst

Date Completed

Sample

37

10

mg/L (PPM)

KC/TR

7/11/2022

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: 210899-0400
LOCATION: NORWICH 4-156

GTA PROJECT NO: 063022-4
GTA SAMPLE NO: 6

DATE SAMPLED: 6/30/2022
TIME SAMPLED: 10:47 AM
DATE RECEIVED: 6/30/2022
TIME RECEIVED: 1:00 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: SUMP 1							
CHLORIDE EPA 300.0		29	10	mg/L (PPM)	KC/TR	7/11/2022	WATER

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LOD = LIMIT OF DETECTION
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COMPANY: MISSAUKEE OIL & GAS

GTA PROJECT NO: 063022-4

PROJECT NO: 210899-0400

GTA SAMPLE NO: 7

LOCATION: NORWICH 4-156

DATE SAMPLED: 6/30/2022

TIME SAMPLED: 11:05 AM

DATE RECEIVED: 6/30/2022

TIME RECEIVED: 1:00 PM

MI

SAMPLED BY: BJB/JSL - ECT

SAMPLE ANALYSIS**No: Analysis**

SAMPLE ID: MW-7 (8')

CHLORIDE EPA 300.0

Concentration

170

LOD

10

Units

mg/L (PPM)

Analyst

KC/TR

Date Completed

7/11/2022

Sample

WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

s.u. = STANDARD pH UNITS REPORTED AT 25 C

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COMPANY: MISSAUKEE OIL & GAS

GTA PROJECT NO: 063022-4

PROJECT NO: 210899-0400

GTA SAMPLE NO: 8

LOCATION: NORWICH 4-156

DATE SAMPLED: 6/30/2022

TIME SAMPLED: 11:17 AM

DATE RECEIVED: 6/30/2022

TIME RECEIVED: 1:00 PM

MI

SAMPLED BY: BJB/JSL - ECT

SAMPLE ANALYSIS**No: Analysis**

SAMPLE ID: MW-7 (40')

CHLORIDE EPA 300.0

Concentration

42

LOD

10

Units

mg/L (PPM)

Analyst

KC/TR

Date Completed

7/11/2022

Sample

WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: MISSAUKEE OIL & GAS

GTA PROJECT NO: 063022-4

PROJECT NO: 210899-0400

GTA SAMPLE NO: 9

LOCATION: NORWICH 4-156

DATE SAMPLED: 6/30/2022

TIME SAMPLED: 11:16 AM

DATE RECEIVED: 6/30/2022

TIME RECEIVED: 1:00 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-6						
	CHLORIDE EPA 300.0	130	10	mg/L (PPM)	KC/TR	7/11/2022	WATER

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COMPANY: MISSAUKEE OIL & GAS

GTA PROJECT NO: 063022-4

PROJECT NO: 210899-0400

GTA SAMPLE NO: 10

LOCATION: NORWICH 4-156

DATE SAMPLED: 6/30/2022

TIME SAMPLED: 11:24 AM

DATE RECEIVED: 6/30/2022

TIME RECEIVED: 1:00 PM

MI

SAMPLED BY: BJB/JSL - ECT

SAMPLE ANALYSIS**No: Analysis**

SAMPLE ID: MW-14 (8')

CHLORIDE EPA 300.0

Concentration

160

LOD

10

Units

mg/L (PPM)

Analyst

KC/TR

Date Completed

7/11/2022

Sample

WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

s.u. = STANDARD pH UNITS REPORTED AT 25 C

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COMPANY: MISSAUKEE OIL & GAS

GTA PROJECT NO: 063022-4

GTA SAMPLE NO: 11

PROJECT NO: 210899-0400

LOCATION: NORWICH 4-156

DATE SAMPLED: 6/30/2022

TIME SAMPLED: 11:37 AM

DATE RECEIVED: 6/30/2022

TIME RECEIVED: 1:00 PM

MI

SAMPLED BY: BJB/JSL - ECT

SAMPLE ANALYSIS**No: Analysis**

SAMPLE ID: MW-13

CHLORIDE EPA 300.0

Concentration

400

LOD

10

Units

mg/L (PPM)

Analyst

KC/TR

Date Completed

7/11/2022

Sample

WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

s.u. = STANDARD pH UNITS REPORTED AT 25 C

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COMPANY: MISSAUKEE OIL & GAS

GTA PROJECT NO: 063022-4

PROJECT NO: 210899-0400

GTA SAMPLE NO: 12

LOCATION: NORWICH 4-156

DATE SAMPLED: 6/30/2022

TIME SAMPLED: 11:47 AM

DATE RECEIVED: 6/30/2022

TIME RECEIVED: 1:00 PM

MI

SAMPLED BY: BJB/JSL - ECT

SAMPLE ANALYSIS**No: Analysis**

SAMPLE ID: MW-3

CHLORIDE EPA 300.0

Concentration

140

LOD

10

Units

mg/L (PPM)

Analyst

KC/TR

Date Completed

7/11/2022

Sample

WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

s.u. = STANDARD pH UNITS REPORTED AT 25 C

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COMPANY: MISSAUKEE OIL & GAS

GTA PROJECT NO: 063022-4

PROJECT NO: 210899-0400

GTA SAMPLE NO: 13

LOCATION: NORWICH 4-156

DATE SAMPLED: 6/30/2022

TIME SAMPLED: 10:57 AM

DATE RECEIVED: 6/30/2022

TIME RECEIVED: 1:00 PM

MI

SAMPLED BY: BJB/JSL - ECT

SAMPLE ANALYSIS**No: Analysis**

SAMPLE ID: MW-8 (5')

CHLORIDE EPA 300.0

Concentration

250

LOD

10

Units

mg/L (PPM)

Analyst

KC/TR

Date Completed

7/11/2022

Sample

WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

s.u. = STANDARD pH UNITS REPORTED AT 25 C

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COMPANY: MISSAUKEE OIL & GAS

GTA PROJECT NO: 063022-4

GTA SAMPLE NO: 14

PROJECT NO: 210899-0400

LOCATION: NORWICH 4-156

DATE SAMPLED: 6/30/2022

TIME SAMPLED: 11:30 AM

DATE RECEIVED: 6/30/2022

TIME RECEIVED: 1:00 PM

MI

SAMPLED BY: BJB/JSL - ECT

SAMPLE ANALYSIS**No: Analysis**

SAMPLE ID: MW-2

CHLORIDE EPA 300.0

Concentration

500

LOD

20

Units

mg/L (PPM)

Analyst

KC/TR

Date Completed

7/11/2022

Sample

WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

s.u. = STANDARD pH UNITS REPORTED AT 25 C



INDEPENDENT TESTING LAB

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COMPANY: MISSAUKEE OIL & GAS

GTA PROJECT NO: 063022-4

PROJECT NO: 210899-0400

GTA SAMPLE NO: 15

LOCATION: NORWICH 4-156

DATE SAMPLED: 6/30/2022

TIME SAMPLED: 11:45 AM

DATE RECEIVED: 6/30/2022

TIME RECEIVED: 1:00 PM

MI

SAMPLED BY: BJB/JSL - ECT

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-11

CHLORIDE EPA 300.0

Concentration

130

LOD

10

Units

mg/L (PPM)

Analyst

KC/TR

Date Completed

7/11/2022

Sample

WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

s.u. = STANDARD pH UNITS REPORTED AT 25 C

**INDEPENDENT TESTING LAB**

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COMPANY: MISSAUKEE OIL & GAS

GTA PROJECT NO: 063022-4

PROJECT NO: 210899-0400

GTA SAMPLE NO: 16

LOCATION: NORWICH 4-156

DATE SAMPLED: 6/30/2022

TIME SAMPLED: 8:12 AM

DATE RECEIVED: 6/30/2022

TIME RECEIVED: 1:00 PM

MI

SAMPLED BY: BJB/JSL - ECT

SAMPLE ANALYSIS**No: Analysis**

SAMPLE ID: MW-20

CHLORIDE EPA 300.0

Concentration

800

LOD

50

Units

mg/L (PPM)

Analyst

KC/TR

Date Completed

7/11/2022

Sample

WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

s.u. = STANDARD pH UNITS REPORTED AT 25 C

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COMPANY: MISSAUKEE OIL & GAS

GTA PROJECT NO: 063022-4

PROJECT NO: 210899-0400

GTA SAMPLE NO: 17

LOCATION: NORWICH 4-156

DATE SAMPLED: 6/30/2022

TIME SAMPLED: 8:41 AM

DATE RECEIVED: 6/30/2022

TIME RECEIVED: 1:00 PM

MI

SAMPLED BY: BJB/JSL - ECT

SAMPLE ANALYSIS**No: Analysis**

SAMPLE ID: MW-15

CHLORIDE EPA 300.0

Concentration

15

LOD

10

Units

mg/L (PPM)

Analyst

KC/TR

Date Completed

7/11/2022

Sample

WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

s.u. = STANDARD pH UNITS REPORTED AT 25 C

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COMPANY: MISSAUKEE OIL & GAS

GTA PROJECT NO: 063022-4

PROJECT NO: 210899-0400

GTA SAMPLE NO: 18

LOCATION: NORWICH 4-156

DATE SAMPLED: 6/30/2022

TIME SAMPLED: 9:08 AM

DATE RECEIVED: 6/30/2022

TIME RECEIVED: 1:00 PM

MI

SAMPLED BY: BJB/JSL - ECT

SAMPLE ANALYSIS**No: Analysis**

SAMPLE ID: MW-16

CHLORIDE EPA 300.0

Concentration

120

LOD

10

Units

mg/L (PPM)

Analyst

KC/TR

Date Completed

7/11/2022

Sample

WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: MISSAUKEE OIL & GAS

GTA PROJECT NO: 063022-4

GTA SAMPLE NO: 19

PROJECT NO: 210899-0400

LOCATION: NORWICH 4-156

DATE SAMPLED: 6/30/2022

TIME SAMPLED: 9:32 AM

DATE RECEIVED: 6/30/2022

TIME RECEIVED: 1:00 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	1,800	50	mg/L (PPM)	KC/TR	7/11/2022	WATER

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COMPANY: MISSAUKEE OIL & GAS

GTA PROJECT NO: 063022-4

PROJECT NO: 210899-0400

GTA SAMPLE NO: 20

LOCATION: NORWICH 4-156

DATE SAMPLED: 6/30/2022

TIME SAMPLED: 9:58 AM

DATE RECEIVED: 6/30/2022

TIME RECEIVED: 1:00 PM

MI

SAMPLED BY: BJB/JSL - ECT

SAMPLE ANALYSIS**No: Analysis**

SAMPLE ID: MW-18

CHLORIDE EPA 300.0

Concentration

430

LOD

10

Units

mg/L (PPM)

Analyst

KC/TR

Date Completed

7/11/2022

Sample

WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

s.u. = STANDARD pH UNITS REPORTED AT 25 C

beja

CHAIN OF CUSTODY

PROJECT NUMBER 210899-0400	SITE NAME/ADDRESS Norwich 4-156	COMPANY/NAME Missaukee O&G
SAMPLED BY BSB/JSZ	COMPANY ECT	GTA PROJECT # 063022-4

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	MW-23	6/30/22	8:20	GW	Chloride
2	MW-21		8:57		
3	MW-19		10:14		
4	MW-24		9:47		
5	Sump 2		10:43		
6	Sump 1		10:47		
7	MW-7(8')		11:05		
8	MW-7(40')		11:17		
9	MW-6		11:16		
10	MW-14(8')		11:24		
11	MW-13		11:37		
12	MW-3		11:47		
13	MW-8(5')		10:57		
14	MW-2		11:30		
15	MW-11		11:45		

BILL TO:

*Missaukee
O&G*

TempRec: ☐

On Ice? ☐ ☐

REPORT TO:

RELEASED BY

DATE/TIME

[Signature] 6/30/22 1:00 p

RECEIVED BY

DATE/TIME

R. Ch 6/30/22 1pm

REQUESTED TAT

☒ STANDARD

☐ 1 BUSINESS DAY

☐ 2 BUSINESS DAYS

☐ 3 BUSINESS DAYS

