

**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: 210899-1000
GTA ProjNo: 051524-7

Site Addr: NORWICH UNIT TRACT 4-98

Sampled By: JSL/ECT
Date Rec: 5/15/2024
Time Rec: 2:25 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	FS-10	5/15/2024	1:07 PM	SOIL
2	FS-10-2.25'	5/15/2024	1:05 PM	SOIL
3	FS-11	5/15/2024	1:09 PM	SOIL
4	FS-12	5/15/2024	1:11 PM	SOIL

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
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COMPANY: MISSAUKEE OIL & GAS
PROJECT NO: 210899-1000
LOCATION: NORWICH UNIT TRACT 4-98

MI

SAMPLE MATRIX: SOIL
SAMPLE ID: FS-10

GTA PROJECT NO: 051524-7
GTA SAMPLE NO: 1

DATE SAMPLED: 5/15/2024
TIME SAMPLED: 1:07 PM
DATE RECEIVED: 5/15/2024
TIME RECEIVED: 2:25 PM

SAMPLED BY: JSL/ECT

**THIS SAMPLE WAS RECEIVED MEOH PRESERVED.

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	50	ug/Kg (PPB)	KC/TR	5/15/2024	5/16/2024	EPA 5035A
Toluene	ND	50					
Ethylbenzene	ND	50					
Xylene(Total)	ND	150					
1,2,4-Trimethylbenzene	ND	50					
1,3,5-Trimethylbenzene	ND	50					
Naphthalene	ND	250					
2-Methylnaphthalene	ND	250					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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PROJECT NO: 210899-1000
LOCATION: NORWICH UNIT TRACT 4-98

MI

SAMPLE MATRIX: SOIL
SAMPLE ID: FS-10-2.25'

GTA PROJECT NO: 051524-7
GTA SAMPLE NO: 2

DATE SAMPLED: 5/15/2024
TIME SAMPLED: 1:05 PM
DATE RECEIVED: 5/15/2024
TIME RECEIVED: 2:25 PM

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<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	50	ug/Kg (PPB)	KC/TR	5/15/2024	5/16/2024	EPA 5035A
Toluene	ND	50					
Ethylbenzene	ND	50					
Xylene(Total)	ND	150					
1,2,4-Trimethylbenzene	ND	50					
1,3,5-Trimethylbenzene	ND	50					
Naphthalene	ND	250					
2-Methylnaphthalene	ND	250					

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COMPANY: MISSAUKEE OIL & GAS
PROJECT NO: 210899-1000
LOCATION: NORWICH UNIT TRACT 4-98

MI

SAMPLE MATRIX: SOIL
SAMPLE ID: FS-11

GTA PROJECT NO: 051524-7
GTA SAMPLE NO: 3

DATE SAMPLED: 5/15/2024
TIME SAMPLED: 1:09 PM
DATE RECEIVED: 5/15/2024
TIME RECEIVED: 2:25 PM

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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	50	ug/Kg (PPB)	KC/TR	5/15/2024	5/16/2024	EPA 5035A
Toluene	ND	50					
Ethylbenzene	ND	50					
Xylene(Total)	ND	150					
1,2,4-Trimethylbenzene	ND	50					
1,3,5-Trimethylbenzene	ND	50					
Naphthalene	ND	250					
2-Methylnaphthalene	ND	250					

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COMPANY: MISSAUKEE OIL & GAS
PROJECT NO: 210899-1000
LOCATION: NORWICH UNIT TRACT 4-98

MI

SAMPLE MATRIX: SOIL
SAMPLE ID: FS-12

GTA PROJECT NO: 051524-7
GTA SAMPLE NO: 4

DATE SAMPLED: 5/15/2024
TIME SAMPLED: 1:11 PM
DATE RECEIVED: 5/15/2024
TIME RECEIVED: 2:25 PM

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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	50	ug/Kg (PPB)	KC/TR	5/15/2024	5/16/2024	EPA 5035A
Toluene	ND	50					
Ethylbenzene	ND	50					
Xylene(Total)	ND	150					
1,2,4-Trimethylbenzene	ND	50					
1,3,5-Trimethylbenzene	ND	50					
Naphthalene	ND	250					
2-Methylnaphthalene	ND	250					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.

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COMPANY: MISSAUKEE OIL & GAS
PROJECT NO: 210899-1000
LOCATION: NORWICH UNIT TRACT 4-98

GTA PROJECT NO: 051524-7
GTA SAMPLE NO: 1

DATE SAMPLED: 5/15/2024
TIME SAMPLED: 1:07 PM
DATE RECEIVED: 5/15/2024
TIME RECEIVED: 2:25 PM

MI
SAMPLED BY: 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 Matrix</u>
	SAMPLE ID: FS-10						
	CHLORIDE EPA 300.0	5,200	110	mg/Kg (PPM)	KC/TR	5/15/2024	SOIL

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

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PROJECT NO: 210899-1000
LOCATION: NORWICH UNIT TRACT 4-98

GTA PROJECT NO: 051524-7
GTA SAMPLE NO: 2

DATE SAMPLED: 5/15/2024
TIME SAMPLED: 1:05 PM
DATE RECEIVED: 5/15/2024
TIME RECEIVED: 2:25 PM

MI
SAMPLED BY: 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 Matrix</u>
	SAMPLE ID: FS-10-2.25'						
	CHLORIDE EPA 300.0	360	100	mg/Kg (PPM)	KC/TR	5/15/2024	SOIL

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LOD = LIMIT OF DETECTION
s.u. = STANDARD pH UNITS REPORTED AT 25 C



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LOCATION: NORWICH UNIT TRACT 4-98

GTA PROJECT NO: 051524-7
GTA SAMPLE NO: 3

DATE SAMPLED: 5/15/2024
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DATE RECEIVED: 5/15/2024
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MI
SAMPLED BY: 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 Matrix</u>
	SAMPLE ID: FS-11						
	CHLORIDE EPA 300.0	4,200	100	mg/Kg (PPM)	KC/TR	5/15/2024	SOIL

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LOD = LIMIT OF DETECTION
s.u. = STANDARD pH UNITS REPORTED AT 25 C



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PROJECT NO: 210899-1000
LOCATION: NORWICH UNIT TRACT 4-98

GTA PROJECT NO: 051524-7
GTA SAMPLE NO: 4

DATE SAMPLED: 5/15/2024
TIME SAMPLED: 1:11 PM
DATE RECEIVED: 5/15/2024
TIME RECEIVED: 2:25 PM

MI
SAMPLED BY: 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 Matrix</u>
SAMPLE ID: FS-12 CHLORIDE EPA 300.0	ND	110	mg/Kg (PPM)	KC/TR	5/15/2024	SOIL

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COMPANY: MISSAUKEE OIL & GAS

GTA PROJECT NO: 051524-7

NAME:

SAMPLED BY: JSL/ECT

PROJECT NO: 210899-1000

DATE SAMPLED: 5/15/2024

LOCATION: NORWICH UNIT TRACT 4-98

SAMPLE SOIL

DATE RECEIVED: 5/15/2024

TIME RECEIVED: 2:25 PM

MI

MOISTURE

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>
SAMPLE ID: FS-10	% MOISTURE EPA 3550C	6.0	10	% OF SAMPLE	TR	5/16/2024
SAMPLE ID: FS-10-2.25'	% MOISTURE EPA 3550C	3.5	10	% OF SAMPLE	TR	5/16/2024
SAMPLE ID: FS-11	% MOISTURE EPA 3550C	6.5	10	% OF SAMPLE	TR	5/16/2024
SAMPLE ID: FS-12	% MOISTURE EPA 3550C	5.5	10	% OF SAMPLE	TR	5/16/2024

CHAIN OF CUSTODY

PROJECT NUMBER <i>210899-1000</i>	SITE NAME/ADDRESS <i>Norwich Unit Tract 4-98</i>	COMPANY/NAME <i>MOG</i>
SAMPLED BY <i>JSL</i>	COMPANY <i>ECT</i>	GTA PROJECT # <i>051524-7</i>

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	<i>FS-10</i>	<i>5/15/24</i>	<i>1:07</i>	<i>Soil</i>	<i>BTEX+H+Chloride</i>
2	<i>FS-10-2.25</i>		<i>1:05</i>		
3	<i>FS-11</i>		<i>1:09</i>		
4	<i>FS-12</i>		<i>1:11</i>		

BILL TO: <i>MOG</i>	TempRec: ☐ <i>3.1°C</i>	On Ice? ☒ Y ☐ N	REPORT TO: <i>Scary Hancock</i>
RELEASED BY <i>[Signature]</i>	DATE/TIME <i>5/15/24 2:25p</i>	RECEIVED BY <i>[Signature]</i>	DATE/TIME <i>5/15/24 2:25p</i>
REQUESTED TAT ☐ STANDARD ☒ 1 BUSINESS DAY ☐ 2 BUSINESS DAYS ☐ 3 BUSINESS DAYS			