

**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: 210899-0900

GTA ProjNo: 050624-1

Site Addr: WILSON EDNA CORWELL ETAL 1

Sampled By: JSL/ECT

Date Rec: 5/6/2024

Time Rec: 9:45 AM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	SS-1	5/3/2024	4:05 PM	SOIL
2	SS-2	5/3/2024	3:50 PM	SOIL
3	SS-3	5/3/2024	3:55 PM	SOIL
4	SS-4	5/3/2024	4:25 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
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COMPANY: MISSAUKEE OIL & GAS
PROJECT NO: 210899-0900
LOCATION: WILSON EDNA CORWELL ETAL 1
MI
SAMPLE MATRIX: SOIL
SAMPLE ID: SS-1

GTA PROJECT NO: 050624-1
GTA SAMPLE NO: 1
DATE SAMPLED: 5/3/2024
TIME SAMPLED: 4:05 PM
DATE RECEIVED: 5/6/2024
TIME RECEIVED: 9:45 AM

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)	MR	5/3/2024	5/6/2024	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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COMPANY: MISSAUKEE OIL & GAS
PROJECT NO: 210899-0900
LOCATION: WILSON EDNA CORWELL ETAL 1
MI
SAMPLE MATRIX: SOIL
SAMPLE ID: SS-2

GTA PROJECT NO: 050624-1
GTA SAMPLE NO: 2
DATE SAMPLED: 5/3/2024
TIME SAMPLED: 3:50 PM
DATE RECEIVED: 5/6/2024
TIME RECEIVED: 9:45 AM

SAMPLED BY: JSL/ECT

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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)	MR	5/3/2024	5/6/2024	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: 210899-0900
LOCATION: WILSON EDNA CORWELL ETAL 1

MI
SAMPLE MATRIX: SOIL
SAMPLE ID: SS-3

GTA PROJECT NO: 050624-1
GTA SAMPLE NO: 3
DATE SAMPLED: 5/3/2024
TIME SAMPLED: 3:55 PM
DATE RECEIVED: 5/6/2024
TIME RECEIVED: 9:45 AM

SAMPLED BY: JSL/ECT

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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)	MR	5/3/2024	5/6/2024	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: 210899-0900
LOCATION: WILSON EDNA CORWELL ETAL 1
MI
SAMPLE MATRIX: SOIL
SAMPLE ID: SS-4

GTA PROJECT NO: 050624-1
GTA SAMPLE NO: 4
DATE SAMPLED: 5/3/2024
TIME SAMPLED: 4:25 PM
DATE RECEIVED: 5/6/2024
TIME RECEIVED: 9:45 AM

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)	MR	5/3/2024	5/6/2024	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: 210899-0900
LOCATION: WILSON EDNA CORWELL ETAL 1

GTA PROJECT NO: 050624-1
GTA SAMPLE NO: 1

DATE SAMPLED: 5/3/2024
TIME SAMPLED: 4:05 PM
DATE RECEIVED: 5/6/2024
TIME RECEIVED: 9:45 AM

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: SS-1							
CHLORIDE EPA 300.0		330	100	mg/Kg (PPM)	KC/AS	5/7/2024	SOIL

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

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COMPANY: MISSAUKEE OIL & GAS
PROJECT NO: 210899-0900
LOCATION: WILSON EDNA CORWELL ETAL 1

GTA PROJECT NO: 050624-1
GTA SAMPLE NO: 2

DATE SAMPLED: 5/3/2024
TIME SAMPLED: 3:50 PM
DATE RECEIVED: 5/6/2024
TIME RECEIVED: 9:45 AM

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: SS-2							
CHLORIDE EPA 300.0		410	96	mg/Kg (PPM)	KC/AS	5/7/2024	SOIL

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

COMPANY: MISSAUKEE OIL & GAS
PROJECT NO: 210899-0900
LOCATION: WILSON EDNA CORWELL ETAL 1

GTA PROJECT NO: 050624-1
GTA SAMPLE NO: 3

DATE SAMPLED: 5/3/2024
TIME SAMPLED: 3:55 PM
DATE RECEIVED: 5/6/2024
TIME RECEIVED: 9:45 AM

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: SS-3 CHLORIDE EPA 300.0	1,200	110	mg/Kg (PPM)	KC/AS	5/7/2024	SOIL

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
PROJECT NO: 210899-0900
LOCATION: WILSON EDNA CORWELL ETAL 1

GTA PROJECT NO: 050624-1
GTA SAMPLE NO: 4

DATE SAMPLED: 5/3/2024
TIME SAMPLED: 4:25 PM
DATE RECEIVED: 5/6/2024
TIME RECEIVED: 9:45 AM

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: SS-4						
	CHLORIDE EPA 300.0	1,200	93	mg/Kg (PPM)	KC/AS	5/7/2024	SOIL

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COMPANY: MISSAUKEE OIL & GAS

GTA PROJECT NO: 050624-1

NAME:

SAMPLED BY: JSL/ECT

PROJECT NO: 210899-0900

DATE SAMPLED: 5/3/2024

LOCATION: WILSON EDNA CORWELL ETAL 1

SAMPLE SOIL

DATE RECEIVED: 5/6/2024

MI

TIME RECEIVED: 9:45 AM

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: SS-1	% MOISTURE EPA 3550C	9.7	0.10	% OF	AS	5/6/2024
SAMPLE ID: SS-2	% MOISTURE EPA 3550C	7.5	0.10	% OF	AS	5/6/2024
SAMPLE ID: SS-3	% MOISTURE EPA 3550C	11	0.10	% OF	AS	5/6/2024
SAMPLE ID: SS-4	% MOISTURE EPA 3550C	3.2	0.10	% OF	AS	5/6/2024

CHAIN OF CUSTODY

PROJECT NUMBER 210899-0900	SITE NAME/ADDRESS Wilson Edna Cornell et al 1	COMPANY/NAME MOG
SAMPLED BY JSL	COMPANY ECT	GTA PROJECT # 050624-1

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	SS-1	5/3/24	4:15	Soil	BEX +4 + Chloride
2	SS-2		3:50		
3	SS-3		3:55		
4	SS-4		4:25		

BILL TO: MOG	TempRec: ☐ 2.7°C	On Ice? ☒ Y ☐ N	REPORT TO: Jeremy Henderson
------------------------	---	--	---------------------------------------

RELEASED BY [Signature]	DATE/TIME 5/3/24 @ 6:15p	RECEIVED BY ECT Sample Storage	DATE/TIME 5/3/24 @ 6:15p
ECT Sample Storage	5/6/24 @ 9:20a	[Signature]	5/6/24 @ 9:20a
[Signature]	5/6/24 @ 9:45a	[Signature]	5/6/24 @ 9:45a
REQUESTED TAT ☐ STANDARD ☐ 1 BUSINESS DAY ☐ 2 BUSINESS DAYS ☒ 3 BUSINESS DAYS			