



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: 240184
GTA ProjNo: 071125-11

Site Addr: ST. HELEN 15-48

Sampled By: T. ACKLER/GCES
Date Rec: 7/11/2025
Time Rec: 10:55 AM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	SB-2024-1 (15')	7/10/2025	12:40 PM	SOIL
2	SB-2024-1 (17')	7/10/2025	12:46 PM	SOIL
3	SB-2024-1 (20')	7/10/2025	1:05 PM	SOIL
4	MW-1	7/10/2025	1:40 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
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COMPANY: MISSAUKEE OIL & GAS

PROJECT NO: 240184

LOCATION: ST. HELEN 15-48

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: SB-2024-1 (15')

GTA PROJECT NO: 071125-11

GTA SAMPLE NO: 1

DATE SAMPLED: 7/10/2025

TIME SAMPLED: 12:40 PM

DATE RECEIVED: 7/11/2025

TIME RECEIVED: 10:55 AM

SAMPLED BY: T. ACKLER/GCES

**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>Complete</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	7/10/2025	7/11/2025	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: 240184

LOCATION: ST. HELEN 15-48

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: SB-2024-1 (17')

GTA PROJECT NO: 071125-11

GTA SAMPLE NO: 2

DATE SAMPLED: 7/10/2025

TIME SAMPLED: 12:46 PM

DATE RECEIVED: 7/11/2025

TIME RECEIVED: 10:55 AM

SAMPLED BY: T. ACKLER/GCES

**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>Complete</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	7/10/2025	7/11/2025	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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LOD = LIMIT OF DETECTION

COMPANY: MISSAUKEE OIL & GAS

PROJECT NO: 240184

LOCATION: ST. HELEN 15-48

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: SB-2024-1 (20')

GTA PROJECT NO: 071125-11

GTA SAMPLE NO: 3

DATE SAMPLED: 7/10/2025

TIME SAMPLED: 1:05 PM

DATE RECEIVED: 7/11/2025

TIME RECEIVED: 10:55 AM

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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>Complete</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	7/10/2025	7/11/2025	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: 240184
 LOCATION: ST. HELEN 15-48
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-1

GTA PROJECT NO: 071125-11
 GTA SAMPLE NO: 4
 DATE SAMPLED: 7/10/2025
 TIME SAMPLED: 1:40 PM
 DATE RECEIVED: 7/11/2025
 TIME RECEIVED: 10:55 AM

SAMPLED BY: T. ACKLER/GCES

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		7/11/2025	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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COMPANY: MISSAUKEE OIL & GAS
PROJECT NO: 240184
LOCATION: ST. HELEN 15-48

GTA PROJECT NO: 071125-11
GTA SAMPLE NO: 1
DATE SAMPLED: 7/10/2025
TIME SAMPLED: 12:40 PM
DATE RECEIVED: 7/11/2025
TIME RECEIVED: 10:55 AM

MI
SAMPLED BY: T. ACKLER/GCES

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: SB-2024-1 (15') CHLORIDE EPA 300.0	ND	110	mg/Kg (PPM)	KC/AA	7/17/2025	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: 240184
 LOCATION: ST. HELEN 15-48

GTA PROJECT NO: 071125-11
 GTA SAMPLE NO: 2
 DATE SAMPLED: 7/10/2025
 TIME SAMPLED: 12:46 PM
 DATE RECEIVED: 7/11/2025
 TIME RECEIVED: 10:55 AM

MI
 SAMPLED BY: T. ACKLER/GCES

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: SB-2024-1 (17') CHLORIDE EPA 300.0	ND	110	mg/Kg (PPM)	KC/AA	7/17/2025	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: 240184
 LOCATION: ST. HELEN 15-48

GTA PROJECT NO: 071125-11
 GTA SAMPLE NO: 3
 DATE SAMPLED: 7/10/2025
 TIME SAMPLED: 1:05 PM
 DATE RECEIVED: 7/11/2025
 TIME RECEIVED: 10:55 AM

MI
 SAMPLED BY: T. ACKLER/GCES

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: SB-2024-1 (20') CHLORIDE EPA 300.0	ND	100	mg/Kg (PPM)	KC/AA	7/17/2025	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: 240184
 LOCATION: ST. HELEN 15-48

GTA PROJECT NO: 071125-11
 GTA SAMPLE NO: 4
 DATE SAMPLED: 7/10/2025
 TIME SAMPLED: 1:40 PM
 DATE RECEIVED: 7/11/2025
 TIME RECEIVED: 10:55 AM

MI
 SAMPLED BY: T. ACKLER/GCES

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-1	CHLORIDE EPA 300.0	110	10	mg/L (PPM)	KC/AA	7/17/2025	WATER

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COMPANY: MISSAUKEE OIL & GAS

NAME:
PROJECT NO: 240184

LOCATION: ST. HELEN 15-48

MI

GTA PROJECT NO: 071125-
SAMPLED BY: T. ACKLER/GCES

DATE SAMPLED: 7/10/2025

SAMPLE MATRIX: SOIL

DATE RECEIVED: 7/11/2025
TIME RECEIVED: 10:55 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: SB-2024-1 (15') % MOISTURE EPA 3550C	4.6	0.10	% OF SAMPLE	AA	7/11/2025
SAMPLE ID: SB-2024-1 (17') % MOISTURE EPA 3550C	5.6	0.10	% OF SAMPLE	AA	7/11/2025
SAMPLE ID: SB-2024-1 (20') % MOISTURE EPA 3550C	5.0	0.10	% OF SAMPLE	AA	7/11/2025

