

**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

Company: SUMMIT PETROLEUM
Name:
ClientProj: 2020704024.01
GTA ProjNo: 020921-5

Site Addr: ST. HELEN 15-48

Sampled By: JOSHUA GERRIE/GCES
Date Rec: 2/9/2021
Time Rec: 3:40 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-1	2/9/2021		WATER
2	MW-2	2/9/2021		WATER
3	MW-3	2/9/2021		WATER
4	MW-4	2/9/2021		WATER
5	MW-5	2/9/2021		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
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COMPANY: SUMMIT PETROLEUM

PROJECT NO: 2020704024.01

LOCATION: ST. HELEN 15-48

MI

SAMPLE MATRIX: WATER

SAMPLE ID: MW-1

GTA PROJECT NO: 020921-5

GTA SAMPLE NO: 1

DATE SAMPLED: 2/9/2021

TIME SAMPLED:

DATE RECEIVED: 2/9/2021

TIME RECEIVED: 3:40 PM

SAMPLED BY: JOSHUA GERRIE/GCES

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	1.0	ug/L (PPB)	MR		2/11/2021	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					

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

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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COMPANY: SUMMIT PETROLEUM

PROJECT NO: 2020704024.01

LOCATION: ST. HELEN 15-48

MI

SAMPLE MATRIX: WATER

SAMPLE ID: MW-2

GTA PROJECT NO: 020921-5

GTA SAMPLE NO: 2

DATE SAMPLED: 2/9/2021

TIME SAMPLED:

DATE RECEIVED: 2/9/2021

TIME RECEIVED: 3:40 PM

SAMPLED BY: JOSHUA GERRIE/GCES

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>
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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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PROJECT NO: 2020704024.01

LOCATION: ST. HELEN 15-48

MI

SAMPLE MATRIX: WATER

SAMPLE ID: MW-3

GTA PROJECT NO: 020921-5

GTA SAMPLE NO: 3

DATE SAMPLED: 2/9/2021

TIME SAMPLED:

DATE RECEIVED: 2/9/2021

TIME RECEIVED: 3:40 PM

SAMPLED BY: JOSHUA GERRIE/GCES

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>
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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: SUMMIT PETROLEUM

PROJECT NO: 2020704024.01

LOCATION: ST. HELEN 15-48

MI

SAMPLE MATRIX: WATER

SAMPLE ID: MW-4

GTA PROJECT NO: 020921-5

GTA SAMPLE NO: 4

DATE SAMPLED: 2/9/2021

TIME SAMPLED:

DATE RECEIVED: 2/9/2021

TIME RECEIVED: 3:40 PM

SAMPLED BY: JOSHUA GERRIE/GCES

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>
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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: SUMMIT PETROLEUM

PROJECT NO: 2020704024.01

LOCATION: ST. HELEN 15-48

MI

SAMPLE MATRIX: WATER

SAMPLE ID: MW-5

GTA PROJECT NO: 020921-5

GTA SAMPLE NO: 5

DATE SAMPLED: 2/9/2021

TIME SAMPLED:

DATE RECEIVED: 2/9/2021

TIME RECEIVED: 3:40 PM

SAMPLED BY: JOSHUA GERRIE/GCES

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>
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Xylene(Total)	ND	3.0					
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1,3,5-Trimethylbenzene	ND	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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COMPANY: SUMMIT PETROLEUM

PROJECT NO: 2020704024.01

LOCATION: ST. HELEN 15-48

GTA PROJECT NO: 020921-5

GTA SAMPLE NO: 1

DATE SAMPLED: 2/9/2021

TIME SAMPLED:

DATE RECEIVED: 2/9/2021

TIME RECEIVED: 3:40 PM

MI

SAMPLED BY: JOSHUA GERRIE/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</u>
	SAMPLE ID: MW-1						
	CHLORIDE EPA 300.0	160	10	mg/L (PPM)	LV	2/11/2021	WATER

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

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COMPANY: SUMMIT PETROLEUM

PROJECT NO: 2020704024.01

LOCATION: ST. HELEN 15-48

GTA PROJECT NO: 020921-5

GTA SAMPLE NO: 2

DATE SAMPLED: 2/9/2021

TIME SAMPLED:

DATE RECEIVED: 2/9/2021

TIME RECEIVED: 3:40 PM

MI

SAMPLED BY: JOSHUA GERRIE/GCES

SAMPLE ANALYSIS**No: Analysis**

SAMPLE ID: MW-2

CHLORIDE EPA 300.0

Concentration

ND

LOD

10

Units

mg/L (PPM)

Analyst

LV

Date Completed

2/11/2021

Sample

WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

COMPANY: SUMMIT PETROLEUM

PROJECT NO: 2020704024.01

LOCATION: ST. HELEN 15-48

GTA PROJECT NO: 020921-5

GTA SAMPLE NO: 3

DATE SAMPLED: 2/9/2021

TIME SAMPLED:

DATE RECEIVED: 2/9/2021

TIME RECEIVED: 3:40 PM

MI

SAMPLED BY: JOSHUA GERRIE/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</u>
	SAMPLE ID: MW-3						
	CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	LV	2/11/2021	WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

COMPANY: SUMMIT PETROLEUM

PROJECT NO: 2020704024.01

LOCATION: ST. HELEN 15-48

GTA PROJECT NO: 020921-5

GTA SAMPLE NO: 4

DATE SAMPLED: 2/9/2021

TIME SAMPLED:

DATE RECEIVED: 2/9/2021

TIME RECEIVED: 3:40 PM

MI

SAMPLED BY: JOSHUA GERRIE/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</u>
	SAMPLE ID: MW-4						
	CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	LV	2/11/2021	WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

COMPANY: SUMMIT PETROLEUM

PROJECT NO: 2020704024.01

LOCATION: ST. HELEN 15-48

GTA PROJECT NO: 020921-5

GTA SAMPLE NO: 5

DATE SAMPLED: 2/9/2021

TIME SAMPLED:

DATE RECEIVED: 2/9/2021

TIME RECEIVED: 3:40 PM

MI

SAMPLED BY: JOSHUA GERRIE/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</u>
	SAMPLE ID: MW-5						
	CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	LV	2/11/2021	WATER

ND = NOT DETECTED, RESULT < LOD

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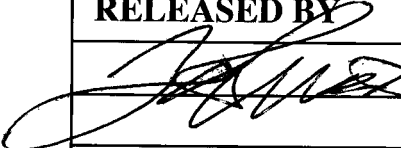
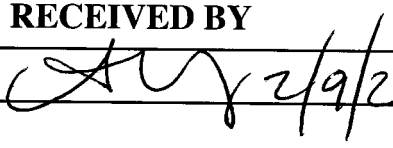
s.u. = STANDARD pH UNITS REPORTED AT 25 C

CHAIN OF CUSTODY

PROJECT NUMBER 2020704024.01	SITE NAME/ADDRESS St. Helen 15-48	COMPANY/NAME Summit Petroleum
SAMPLED BY Joshua Gerrie	COMPANY Gosling Czabak	GTA PROJECT # 020921-5

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	MW-1	2-9-21		GW	BTEX+4 + Chloride
2	MW-2	↓		↓	↓
3	MW-3	↓		↓	↓
4	MW-4	↓		↓	↓
5	MW-5	↓		↓	↓

BILL TO: Summit Petroleum		REPORT TO: Eric Vincke	
RELEASED BY 	DATE/TIME 2-9-21/1540	RECEIVED BY 	DATE/TIME 2/9/21 1540 rec'd. 02/09/21
REQUESTED TAT ☐ STANDARD ☐ 1 BUSINESS DAY ☐ 2 BUSINESS DAYS ☐ 3 BUSINESS DAYS			