



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: 2011704.04
GTA ProjNo: 030619-7

Site Addr: ST. HELEN UNIT BIOCELL

Sampled By: JOSHUA GERRIE/GCES
Date Rec: 3/6/2019
Time Rec: 4:20 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-1	3/6/2019		WATER
2	MW-NORTH	3/6/2019		WATER
3	MW-WEST	3/6/2019		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
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COMPANY: SUMMIT PETROLEUM
PROJECT NO: 2011704.04
LOCATION: ST. HELEN UNIT BIOCELL

MI

SAMPLE MATRIX: WATER
SAMPLE ID: MW-1

GTA PROJECT NO: 030619-7
GTA SAMPLE NO: 1

DATE SAMPLED: 3/6/2019
TIME SAMPLED:
DATE RECEIVED: 3/6/2019
TIME RECEIVED: 4:20 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 Extracted</u>	<u>Date Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		3/7/2019	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					

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: 2011704.04
LOCATION: ST. HELEN UNIT BIOCELL
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-NORTH

GTA PROJECT NO: 030619-7
GTA SAMPLE NO: 2
DATE SAMPLED: 3/6/2019
TIME SAMPLED:
DATE RECEIVED: 3/6/2019
TIME RECEIVED: 4:20 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 Extracted</u>	<u>Date Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		3/7/2019	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.
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COMPANY: SUMMIT PETROLEUM
PROJECT NO: 2011704.04
LOCATION: ST. HELEN UNIT BIOCELL

MI

SAMPLE MATRIX: WATER
SAMPLE ID: MW-WEST

GTA PROJECT NO: 030619-7
GTA SAMPLE NO: 3

DATE SAMPLED: 3/6/2019
TIME SAMPLED:
DATE RECEIVED: 3/6/2019
TIME RECEIVED: 4:20 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 Extracted</u>	<u>Date Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		3/7/2019	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.
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COMPANY: SUMMIT PETROLEUM
PROJECT NO: 2011704.04
LOCATION: ST. HELEN UNIT BIOCELL

GTA PROJECT NO: 030619-7
GTA SAMPLE NO: 1

DATE SAMPLED: 3/6/2019
TIME SAMPLED:
DATE RECEIVED: 3/6/2019
TIME RECEIVED: 4:20 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</u>	<u>Sample</u>
	SAMPLE ID: MW-1						
	CHLORIDE EPA 300.0	170	2.5	mg/L (PPM)	LV	3/8/2019	WATER

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



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COMPANY: SUMMIT PETROLEUM
PROJECT NO: 2011704.04
LOCATION: ST. HELEN UNIT BIOCELL

GTA PROJECT NO: 030619-7
GTA SAMPLE NO: 2

DATE SAMPLED: 3/6/2019
TIME SAMPLED:
DATE RECEIVED: 3/6/2019
TIME RECEIVED: 4:20 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</u>	<u>Sample</u>
	SAMPLE ID: MW-NORTH CHLORIDE EPA 300.0	47	2.5	mg/L (PPM)	LV	3/8/2019	WATER

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

COMPANY: SUMMIT PETROLEUM
PROJECT NO: 2011704.04
LOCATION: ST. HELEN UNIT BIOCELL

GTA PROJECT NO: 030619-7
GTA SAMPLE NO: 3

DATE SAMPLED: 3/6/2019
TIME SAMPLED:
DATE RECEIVED: 3/6/2019
TIME RECEIVED: 4:20 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</u>	<u>Sample</u>
	SAMPLE ID: MW-WEST CHLORIDE EPA 300.0	40	2.5	mg/L (PPM)	LV	3/8/2019	WATER

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

CHAIN OF CUSTODY

PROJECT NUMBER 2011704.04	SITE NAME/ADDRESS St. Helen Unit Biocell	COMPANY/NAME Summit Petroleum
SAMPLED BY Joshua Genrie	COMPANY Gosling Czupak	GTA PROJECT # 030619-7

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	MW-1	3-6-19		GW	BTEX + Chloride
2	MW-North	↓		↓	↓
3	MW-West	↓		↓	↓

BILL TO:

Summit Petroleum

REPORT TO:

Scott Huber - Summit Petro.
Don Canway - GCES

RELEASED BY

DATE/TIME

RECEIVED BY

DATE/TIME

3-6-19/1620

3/6/19/1620
MO 4.00

REQUESTED TAT ☒ **STANDARD** ☐ **1 BUSINESS DAY** ☐ **2 BUSINESS DAYS** ☐ **3 BUSINESS DAYS**