



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: 092419-12

Site Addr: ST. HELEN BIOCELL

Sampled By: JOSHUA GERRIE/GCES
Date Rec: 9/24/2019
Time Rec: 3:35 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-1	9/23/2019		WATER
2	MW-NORTH	9/23/2019		WATER
3	MW-WEST	9/23/2019		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 L Chase

Kirk L. Chase/Chemist
Grand Traverse Analytical
830 Robinwood Court
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COMPANY:	SUMMIT PETROLEUM	GTA PROJECT NO:	092419-12
PROJECT NO:	2011704.04	GTA SAMPLE NO:	1
LOCATION:	ST. HELEN BIOCELL	DATE SAMPLED:	9/23/2019
		TIME SAMPLED:	
	MI	DATE RECEIVED:	9/24/2019
		TIME RECEIVED:	3:35 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-1	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		9/25/2019	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 BIOCELL

MI

SAMPLE MATRIX: WATER

SAMPLE ID: MW-NORTH

GTA PROJECT NO: 092419-12

GTA SAMPLE NO: 2

DATE SAMPLED: 9/23/2019

TIME SAMPLED:

DATE RECEIVED: 9/24/2019

TIME RECEIVED: 3:35 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		9/25/2019	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 BIOCELL

MI

SAMPLE MATRIX: WATER

SAMPLE ID: MW-WEST

GTA PROJECT NO: 092419-12

GTA SAMPLE NO: 3

DATE SAMPLED: 9/23/2019

TIME SAMPLED:

DATE RECEIVED: 9/24/2019

TIME RECEIVED: 3:35 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		9/25/2019	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 BIOCELL

GTA PROJECT NO: 092419-12

GTA SAMPLE NO: 1

DATE SAMPLED: 9/23/2019

TIME SAMPLED:

DATE RECEIVED: 9/24/2019

TIME RECEIVED: 3:35 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		ND	10	mg/L (PPM)	LV	10/1/2019	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 BIOCELL

GTA PROJECT NO: 092419-12

GTA SAMPLE NO: 2

DATE SAMPLED: 9/23/2019

TIME SAMPLED:

DATE RECEIVED: 9/24/2019

TIME RECEIVED: 3:35 PM

MI

SAMPLED BY: JOSHUA GERRIE/GCES

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-NORTH

CHLORIDE EPA 300.0

Concentration

41

LOD

10

Units

mg/L (PPM)

Analyst

LV

Date

10/1/2019

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: 2011704.04

LOCATION: ST. HELEN BIOCELL

GTA PROJECT NO: 092419-12

GTA SAMPLE NO: 3

DATE SAMPLED: 9/23/2019

TIME SAMPLED:

DATE RECEIVED: 9/24/2019

TIME RECEIVED: 3:35 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	14	10	mg/L (PPM)	LV	10/1/2019	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 Biocell	COMPANY/NAME Summit Petroleum
SAMPLED BY Joshua Gervie	COMPANY Gosling Czubak	GTA PROJECT # 092419-12

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	MW-1	9-23-19		GW	BTEX + Chloride
2	MW-North	↓		↓	↓ ↓
3	MW-West	↓		↓	↓ ↓

BILL TO:

Summit Petroleum

REPORT TO:

Don Conway - GCES
Dan Nida - Summit Petroleum

RELEASED BY

DATE/TIME

RECEIVED BY

DATE/TIME

[Signature] 9-24-19/1535

[Signature] 9/24/19/1535
rce 4.00c

REQUESTED TAT

☒ **STANDARD**

☐ **1 BUSINESS DAY**

☐ **2 BUSINESS DAYS**

☐ **3 BUSINESS DAYS**