

**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:

Site Addr: ST. HELEN UNIT 15-48

GTA ProjNo: 120420-5

Sampled By: J. PARKER/SS

Date Rec: 12/4/2020

Time Rec: 12:20 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-1	12/3/2020	2:51 PM	WATER
2	MW-2	12/3/2020	2:06 PM	WATER
3	MW-3	12/3/2020	1:54 PM	WATER
4	MW-4	12/3/2020	2:33 PM	WATER
5	MW-5	12/3/2020	2:18 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
Grand Traverse Analytical
830 Robinwood Court
Traverse City, MI 49686
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COMPANY: SUMMIT PETROLEUM

PROJECT NO:

LOCATION: ST. HELEN UNIT 15-48

MI

SAMPLE MATRIX: WATER

SAMPLE ID: MW-1

GTA PROJECT NO: 120420-5

GTA SAMPLE NO: 1

DATE SAMPLED: 12/3/2020

TIME SAMPLED: 2:51 PM

DATE RECEIVED: 12/4/2020

TIME RECEIVED: 12:20 PM

SAMPLED BY: J. PARKER/SS

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		12/6/2020	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

GTA PROJECT NO: 120420-5

PROJECT NO:

GTA SAMPLE NO: 2

LOCATION: ST. HELEN UNIT 15-48

DATE SAMPLED: 12/3/2020

TIME SAMPLED: 2:06 PM

MI

DATE RECEIVED: 12/4/2020

TIME RECEIVED: 12:20 PM

SAMPLE MATRIX: WATER

SAMPLE ID: MW-2

SAMPLED BY: J. PARKER/SS

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		12/6/2020	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: SUMMIT PETROLEUM

GTA PROJECT NO: 120420-5

PROJECT NO:

GTA SAMPLE NO: 3

LOCATION: ST. HELEN UNIT 15-48

DATE SAMPLED: 12/3/2020

TIME SAMPLED: 1:54 PM

DATE RECEIVED: 12/4/2020

TIME RECEIVED: 12:20 PM

MI

SAMPLE MATRIX: WATER

SAMPLE ID: MW-3

SAMPLED BY: J. PARKER/SS

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					
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2-Methylnaphthalene	ND	5.0					

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COMPANY: SUMMIT PETROLEUM

GTA PROJECT NO: 120420-5

PROJECT NO:

GTA SAMPLE NO: 4

LOCATION: ST. HELEN UNIT 15-48

DATE SAMPLED: 12/3/2020

TIME SAMPLED: 2:33 PM

MI

DATE RECEIVED: 12/4/2020

TIME RECEIVED: 12:20 PM

SAMPLE MATRIX: WATER

SAMPLE ID: MW-4

SAMPLED BY: J. PARKER/SS

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>
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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

GTA PROJECT NO: 120420-5

PROJECT NO:

GTA SAMPLE NO: 5

LOCATION: ST. HELEN UNIT 15-48

DATE SAMPLED: 12/3/2020

TIME SAMPLED: 2:18 PM

MI

DATE RECEIVED: 12/4/2020

TIME RECEIVED: 12:20 PM

SAMPLE MATRIX: WATER

SAMPLE ID: MW-5

SAMPLED BY: J. PARKER/SS

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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Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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COMPANY: SUMMIT PETROLEUM

PROJECT NO:

LOCATION: ST. HELEN UNIT 15-48

MI
SAMPLED BY: J. PARKER/SS

GTA PROJECT NO: 120420-5

GTA SAMPLE NO: 1

DATE SAMPLED: 12/3/2020

TIME SAMPLED: 2:51 PM

DATE RECEIVED: 12/4/2020

TIME RECEIVED: 12:20 PM

SAMPLE ANALYSIS**No: Analysis**

SAMPLE ID: MW-1

CHLORIDE EPA 300.0

Concentration

300

LOD

10

Units

mg/L (PPM)

Analyst

LV

Date Completed

12/4/2020

Sample

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

GTA PROJECT NO: 120420-5

PROJECT NO:

GTA SAMPLE NO: 2

LOCATION: ST. HELEN UNIT 15-48

DATE SAMPLED: 12/3/2020

TIME SAMPLED: 2:06 PM

DATE RECEIVED: 12/4/2020

TIME RECEIVED: 12:20 PM

MI

SAMPLED BY: J. PARKER/SS

SAMPLE ANALYSIS**No: Analysis**

SAMPLE ID: MW-2

CHLORIDE EPA 300.0

Concentration

ND

LOD

10

Units

mg/L (PPM)

Analyst

LV

Date Completed

12/4/2020

Sample

WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

COMPANY: SUMMIT PETROLEUM

GTA PROJECT NO: 120420-5

PROJECT NO:

GTA SAMPLE NO: 3

LOCATION: ST. HELEN UNIT 15-48

DATE SAMPLED: 12/3/2020

TIME SAMPLED: 1:54 PM

DATE RECEIVED: 12/4/2020

TIME RECEIVED: 12:20 PM

MI

SAMPLED BY: J. PARKER/SS

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	12/4/2020	WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

COMPANY: SUMMIT PETROLEUM

GTA PROJECT NO: 120420-5

PROJECT NO:

GTA SAMPLE NO: 4

LOCATION: ST. HELEN UNIT 15-48

DATE SAMPLED: 12/3/2020

TIME SAMPLED: 2:33 PM

DATE RECEIVED: 12/4/2020

TIME RECEIVED: 12:20 PM

MI

SAMPLED BY: J. PARKER/SS

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	12/4/2020	WATER

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COMPANY: SUMMIT PETROLEUM

GTA PROJECT NO: 120420-5

PROJECT NO:

GTA SAMPLE NO: 5

LOCATION: ST. HELEN UNIT 15-48

DATE SAMPLED: 12/3/2020

TIME SAMPLED: 2:18 PM

DATE RECEIVED: 12/4/2020

TIME RECEIVED: 12:20 PM

MI

SAMPLED BY: J. PARKER/SS

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	12/4/2020	WATER

ND = NOT DETECTED, RESULT < LOD

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CHAIN OF CUSTODY

PROJECT NUMBER	SITE NAME/ADDRESS	COMPANY/NAME
	St. Helen Unit 15-48	Summit Miller
SAMPLED BY	COMPANY	GTA PROJECT #
JPancer	Sampleserve	120420-5

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	MW-1	12-3-20	1451	GW	BTEX+4 and Chlorides
2	MW-2		1406		
3	MW-3		1354		
4	MW-4		1433		
5	MW-5		1418		

BILL TO: Dan Nida Summit Miller Energy Rad. B Center		REPORT TO: Dnida@millar-energy.com	
RELEASED BY	DATE/TIME	RECEIVED BY	DATE/TIME
JP	1220	K. Ch	12/4/20 12:20P
REQUESTED TAT ☐ STANDARD ☐ 1 BUSINESS DAY ☐ 2 BUSINESS DAYS ☐ 3 BUSINESS DAYS			