



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: 2011704.05
GTA ProjNo: 030819-6

Site Addr: NEITZKE #4

Sampled By: JOSHUA GERRIE/GCES
Date Rec: 3/8/2019
Time Rec: 11:45 AM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-1	3/7/2019		WATER
2	MW-2	3/7/2019		WATER
3	MW-3	3/7/2019		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.

A handwritten signature in cursive script that reads "Kirk Chase".

Kirk L. Chase/Chemist
Grand Traverse Analytical
830 Robinwood Court
Traverse City, MI 49686
Ph: 231-929-0905
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SP: 231-590-0291
kirk@gtanalytical.com

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COMPANY: SUMMIT PETROLEUM

PROJECT NO: 2011704.05
LOCATION: NEITZKE #4

MI

SAMPLE MATRIX: WATER
SAMPLE ID: MW-1

GTA PROJECT NO: 030819-6

GTA SAMPLE NO: 1

DATE SAMPLED: 3/7/2019
TIME SAMPLED:
DATE RECEIVED: 3/8/2019
TIME RECEIVED: 11:45 AM

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		3/10/2019	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: 2011704.05
LOCATION: NEITZKE #4

MI

SAMPLE MATRIX: WATER
SAMPLE ID: MW-2GTA PROJECT NO: 030819-6
GTA SAMPLE NO: 2DATE SAMPLED: 3/7/2019
TIME SAMPLED:
DATE RECEIVED: 3/8/2019
TIME RECEIVED: 11:45 AM

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		3/10/2019	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

PROJECT NO: 2011704.05
LOCATION: NEITZKE #4

MI

SAMPLE MATRIX: WATER
SAMPLE ID: MW-3GTA PROJECT NO: 030819-6
GTA SAMPLE NO: 3DATE SAMPLED: 3/7/2019
TIME SAMPLED:
DATE RECEIVED: 3/8/2019
TIME RECEIVED: 11:45 AM

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		3/10/2019	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
PROJECT NO: 2011704.05
LOCATION: NEITZKE #4

GTA PROJECT NO: 030819-6
GTA SAMPLE NO: 1

DATE SAMPLED: 3/7/2019
TIME SAMPLED:

DATE RECEIVED: 3/8/2019
TIME RECEIVED: 11:45 AM

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 Matrix</u>
SAMPLE ID: MW-1							
	CHLORIDE EPA 300.0	240	10	mg/L (PPM)	LV	3/8/2019	WATER
	TOTAL DISSOLVED SOLIDS EPA 160.1	1,100	5.0	mg/L (PPM)	TR	3/12/2019	WATER

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

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COMPANY: SUMMIT PETROLEUM
PROJECT NO: 2011704.05
LOCATION: NEITZKE #4

GTA PROJECT NO: 030819-6
GTA SAMPLE NO: 2

DATE SAMPLED: 3/7/2019
TIME SAMPLED:

DATE RECEIVED: 3/8/2019
TIME RECEIVED: 11:45 AM

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 Matrix</u>
	SAMPLE ID: MW-2						
	CHLORIDE EPA 300.0	120	2.5	mg/L (PPM)	LV	3/8/2019	WATER
	TOTAL DISSOLVED SOLIDS EPA 160.1	470	5.0	mg/L (PPM)	TR	3/12/2019	WATER

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

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COMPANY: SUMMIT PETROLEUM
PROJECT NO: 2011704.05
LOCATION: NEITZKE #4

GTA PROJECT NO: 030819-6
GTA SAMPLE NO: 3

DATE SAMPLED: 3/7/2019
TIME SAMPLED:

DATE RECEIVED: 3/8/2019
TIME RECEIVED: 11:45 AM

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 Matrix</u>
	SAMPLE ID: MW-3						
	CHLORIDE EPA 300.0	420	10	mg/L (PPM)	LV	3/8/2019	WATER
	TOTAL DISSOLVED SOLIDS EPA 160.1	970	5.0	mg/L (PPM)	TR	3/12/2019	WATER

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

CHAIN OF CUSTODY

PROJECT NUMBER 2011704.05	SITE NAME/ADDRESS Neitzke #4	COMPANY/NAME Summit Petroleum
SAMPLED BY Joshua Gerrie	COMPANY Gasling Czubak	GTA PROJECT # 030819-6

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	MW-1	3-7-19		GLW	BTEX+4, Chloride, & TDS
2	MW-2	↓		↓	↓ ↓ ↓
3	MW-3	↓		↓	↓ ↓ ↓

BILL TO:

Summit Petroleum

REPORT TO:

Scott Heber - Summit Petro.
Dan Conway - GCES

RELEASED BY

DATE/TIME

3-8-19/1145

RECEIVED BY

DATE/TIME

3/8/19 11:45

4.40C

REQUESTED TAT

☒ **STANDARD**

☐ **1 BUSINESS DAY**

☐ **2 BUSINESS DAYS**

☐ **3 BUSINESS DAYS**