



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: 091918-13

Site Addr: NEITZKE #4

Sampled By: JOSHUA GERRIE/GCES
Date Rec: 9/19/2018
Time Rec: 4:00 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-1	9/19/2018		WATER
2	MW-2	9/19/2018		WATER
3	MW-3	9/19/2018		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
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COMPANY: SUMMIT PETROLEUM

PROJECT NO: 2011704.05
LOCATION: NEITZKE #4

MI

SAMPLE MATRIX: WATER
SAMPLE ID: MW-1GTA PROJECT NO: 091918-13
GTA SAMPLE NO: 1DATE SAMPLED: 9/19/2018
TIME SAMPLED:
DATE RECEIVED: 9/19/2018
TIME RECEIVED: 4:00 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		9/21/2018	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: 091918-13
GTA SAMPLE NO: 2DATE SAMPLED: 9/19/2018
TIME SAMPLED:
DATE RECEIVED: 9/19/2018
TIME RECEIVED: 4:00 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		9/21/2018	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.
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COMPANY: SUMMIT PETROLEUM

PROJECT NO: 2011704.05
LOCATION: NEITZKE #4

MI

SAMPLE MATRIX: WATER
SAMPLE ID: MW-3

GTA PROJECT NO: 091918-13
GTA SAMPLE NO: 3

DATE SAMPLED: 9/19/2018
TIME SAMPLED:
DATE RECEIVED: 9/19/2018
TIME RECEIVED: 4:00 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		9/21/2018	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.
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COMPANY: SUMMIT PETROLEUM
PROJECT NO: 2011704.05
LOCATION: NEITZKE #4

GTA PROJECT NO: 091918-13
GTA SAMPLE NO: 1

DATE SAMPLED: 9/19/2018
TIME SAMPLED:

DATE RECEIVED: 9/19/2018
TIME RECEIVED: 4:00 PM

MI
SAMPLED BY: JOSHUA GERRIE/GCES

SAMPLE RESULTS

<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	207	5.0	mg/L (PPM)	KC	9/25/2018	WATER
	TOTAL DISSOLVED SOLIDS EPA 160.1	1,000	5.0	mg/L (PPM)	TR	9/26/2018	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: 091918-13
GTA SAMPLE NO: 2

DATE SAMPLED: 9/19/2018
TIME SAMPLED:

DATE RECEIVED: 9/19/2018
TIME RECEIVED: 4:00 PM

MI
SAMPLED BY: JOSHUA GERRIE/GCES

SAMPLE RESULTS

<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-2						
	CHLORIDE EPA 300.0	89.7	2.5	mg/L (PPM)	KC	9/25/2018	WATER
	TOTAL DISSOLVED SOLIDS EPA 160.1	520	5.0	mg/L (PPM)	TR	9/26/2018	WATER

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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: 091918-13
GTA SAMPLE NO: 3

DATE SAMPLED: 9/19/2018
TIME SAMPLED:

DATE RECEIVED: 9/19/2018
TIME RECEIVED: 4:00 PM

MI
SAMPLED BY: JOSHUA GERRIE/GCES

SAMPLE RESULTS

<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-3						
	CHLORIDE EPA 300.0	577	10	mg/L (PPM)	KC	9/25/2018	WATER
	TOTAL DISSOLVED SOLIDS EPA 160.1	1,500	5.0	mg/L (PPM)	TR	9/26/2018	WATER

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

CHAIN OF CUSTODY

PROJECT NUMBER <i>2011704.05</i>	SITE NAME/ADDRESS <i>Neitzke #4</i>	COMPANY/NAME <i>Summit Petroleum</i>
SAMPLED BY <i>Joshua Gerrie</i>	COMPANY <i>Gasling Czuba</i>	GTA PROJECT # <i>091918-13</i>

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	MW-1	9-19-18		GW	BTEX+4, Chloride, +TDS
2	MW-2	↓		↓	↓ ↓ ↓
3	MW-3	↓		↓	↓ ↓ ↓

BILL TO:

Summit Petroleum

REPORT TO:

Don Conway - GCE-S
Scott Huber - Summit Petroleum

RELEASED BY

DATE/TIME

RECEIVED BY

DATE/TIME

[Signature] 9-19-18/1600

AS 9/19/18 1600
received

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