



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: 2020704008.01
GTA ProjNo: 031120-11

Site Addr: S. BUCKEYE WATERFLOOD UNIT

Sampled By: JOSHUA GERRIE/GCES
Date Rec: 3/11/2020
Time Rec: 4:40 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-1	3/9/2020		WATER
2	MW-2	3/9/2020		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: 2020704008.01
LOCATION: S. BUCKEYE WATERFLOOD UNIT
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-1

GTA PROJECT NO: 031120-11
GTA SAMPLE NO: 1
DATE SAMPLED: 3/9/2020
TIME SAMPLED:
DATE RECEIVED: 3/11/2020
TIME RECEIVED: 4:40 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		3/12/2020	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: 2020704008.01
LOCATION: S. BUCKEYE WATERFLOOD UNIT
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-2

GTA PROJECT NO: 031120-11
GTA SAMPLE NO: 2
DATE SAMPLED: 3/9/2020
TIME SAMPLED:
DATE RECEIVED: 3/11/2020
TIME RECEIVED: 4:40 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		3/12/2020	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: 2020704008.01
LOCATION: S. BUCKEYE WATERFLOOD UNIT

GTA PROJECT NO: 031120-11
GTA SAMPLE NO: 1

DATE SAMPLED: 3/9/2020
TIME SAMPLED:
DATE RECEIVED: 3/11/2020
TIME RECEIVED: 4:40 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	2,400	500	mg/L (PPM)	LV	3/13/2020	WATER

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LOD = LIMIT OF DETECTION
s.u. = STANDARD pH UNITS REPORTED AT 25 C

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COMPANY: SUMMIT PETROLEUM
PROJECT NO: 2020704008.01
LOCATION: S. BUCKEYE WATERFLOOD UNIT

GTA PROJECT NO: 031120-11
GTA SAMPLE NO: 2

DATE SAMPLED: 3/9/2020
TIME SAMPLED:
DATE RECEIVED: 3/11/2020
TIME RECEIVED: 4:40 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-2						
	CHLORIDE EPA 300.0	97	10	mg/L (PPM)	LV	3/13/2020	WATER

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

CHAIN OF CUSTODY

PROJECT NUMBER 2020704008.01	SITE NAME/ADDRESS S. Buckeye Waterflood Unit	COMPANY/NAME Summit Petroleum
SAMPLED BY	COMPANY	GTA PROJECT # 031120-11

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	MW-1	3-9-20		GW	BTEX & Chloride
2	MW-2	↓		↓	↓ ↓

BILL TO:

Summit Petroleum

REPORT TO:

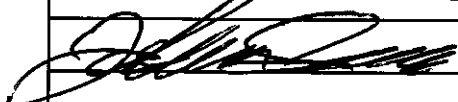
Dan Nida - Summit Petroleum
Eric Vincke - GCEs

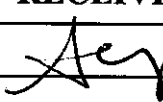
RELEASED BY

DATE/TIME

RECEIVED BY

DATE/TIME

 **3-11-20/1640**

 **3/11/20/1640 rec 400**

REQUESTED TAT

☒ **STANDARD**

☐ **1 BUSINESS DAY**

☐ **2 BUSINESS DAYS**

☐ **3 BUSINESS DAYS**