



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: 2015704005.01
GTA ProjNo: 080719-7

Site Addr: BIS BRINE SPILL

Sampled By: JOSHUA GERRIE/GCES
Date Rec: 8/7/2019
Time Rec: 3:00 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-2	8/7/2019		WATER
2	MW-7	8/7/2019		WATER
3	MW-12	8/7/2019		WATER
4	MW-13	8/7/2019		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.

Kirk L Chase

Kirk L. Chase/Chemist
Grand Traverse Analytical
830 Robinwood Court
Traverse City, MI 49686
Ph: 231-929-0905
Fx: 231-929-0894
SP: 231-590-0291
kirk@gtanalytical.com

**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

COMPANY: SUMMIT PETROLEUM
PROJECT NO: 2015704005.01
LOCATION: BIS BRINE SPILL

GTA PROJECT NO: 080719-7
GTA SAMPLE NO: 1

DATE SAMPLED: 8/7/2019
TIME SAMPLED:
DATE RECEIVED: 8/7/2019
TIME RECEIVED: 3:00 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	2,500	50	mg/L (PPM)	LV	8/8/2019	WATER

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

**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

COMPANY: SUMMIT PETROLEUM

PROJECT NO: 2015704005.01

LOCATION: BIS BRINE SPILL

GTA PROJECT NO: 080719-7

GTA SAMPLE NO: 2

DATE SAMPLED: 8/7/2019

TIME SAMPLED:

DATE RECEIVED: 8/7/2019

TIME RECEIVED: 3:00 PM

MI

SAMPLED BY: JOSHUA GERRIE/GCES

SAMPLE ANALYSIS**No: Analysis**

SAMPLE ID: MW-7

CHLORIDE EPA 300.0

Concentration

6,300

LOD

500

Units

mg/L (PPM)

Analyst

LV

Date

8/8/2019

Sample

WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

COMPANY: SUMMIT PETROLEUM

PROJECT NO: 2015704005.01

LOCATION: BIS BRINE SPILL

GTA PROJECT NO: 080719-7

GTA SAMPLE NO: 3

DATE SAMPLED: 8/7/2019

TIME SAMPLED:

DATE RECEIVED: 8/7/2019

TIME RECEIVED: 3:00 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-12						
	CHLORIDE EPA 300.0	1,800	50	mg/L (PPM)	LV	8/8/2019	WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

COMPANY: SUMMIT PETROLEUM

PROJECT NO: 2015704005.01

LOCATION: BIS BRINE SPILL

GTA PROJECT NO: 080719-7

GTA SAMPLE NO: 4

DATE SAMPLED: 8/7/2019

TIME SAMPLED:

DATE RECEIVED: 8/7/2019

TIME RECEIVED: 3:00 PM

MI

SAMPLED BY: JOSHUA GERRIE/GCES

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-13

CHLORIDE EPA 300.0

Concentration

860

LOD

50

Units

mg/L (PPM)

Analyst

LV

Date

8/8/2019

Sample

WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

CHAIN OF CUSTODY

PROJECT NUMBER 2015764005.01	SITE NAME/ADDRESS Bis Brine Spill	COMPANY/NAME Summit Petroleum
SAMPLED BY Joshua Genrie	COMPANY Gosling Czubak	GTA PROJECT # 080719-7

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	MW-2	8-7-19		GW	Chloride
2	MW-7	↓		↓	↓
3	MW-12	↓		↓	↓
4	MW-13	↓		↓	↓

BILL TO:

Summit Petroleum

REPORT TO:

Don Conway - GCES
Scott Huber - Summit Petroleum

RELEASED BY

DATE/TIME

RECEIVED BY

DATE/TIME

8-7-19 / 1500

8/7/19 15:00

REQUESTED TAT

☒ **STANDARD**

☐ **1 BUSINESS DAY**

☐ **2 BUSINESS DAYS**

☐ **3 BUSINESS DAYS**