



INDEPENDENT TESTING LAB

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

Company: APOLLO ENERGY
Name:
ClientProj:

Site Addr: ONEIL 1-8

GTA ProjNo: 022620-1

Sampled By: NJ/ECT

Date Rec: 2/26/2020

Time Rec: 12:45 PM

Sample No. Sample ID
1 SWD

Date Sampled Time Sampled Sample Matrix
2/26/2020 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
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: APOLLO ENERGY

PROJECT NO:

LOCATION: ONEIL 1-8

SAMPLED BY: MI

NJ/ECT

SAMPLE ID: SWD

GTA PROJECT NO: 022620-1

GTA SAMPLE NO: 1

DATE SAMPLED: 2/26/2020

TIME SAMPLED:

DATE RECEIVED: 2/26/2020

TIME RECEIVED: 12:45 PM

SAMPLE MATRIX: WATER

METALS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Digestion Method</u>
BARIUM DISS EPA 6020A	0.62	0.050	mg/L (PPM)	MR	3/13/2020	EPA 3005A
CALCIUM DISS EPA 6020A	68,000	100	mg/L (PPM)	MR	3/13/2020	EPA 3005A
IRON TOTAL EPA 6020A	33	10	mg/L (PPM)	MR	3/13/2020	EPA 3020A
MAGNESIUM DISS EPA 6020A	5,900	100	mg/L (PPM)	MR	3/13/2020	EPA 3005A
POTASSIUM DISS EPA 6020A	14,000	100	mg/L (PPM)	MR	3/13/2020	EPA 3005A
SODIUM DISS EPA 6020A	15,000	100	mg/L (PPM)	MR	3/13/2020	EPA 3005A

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

DISS = DISSOLVED

**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

COMPANY: APOLLO ENERGY

PROJECT NO:

LOCATION: ONEIL 1-8

MI

SAMPLED BY: NJ/ECT

SAMPLE ID: SWD

GTA PROJECT NO: 022620-1

GTA SAMPLE NO: 1

DATE RECEIVED: 2/26/2020

TIME RECEIVED: 12:45 PM

DATE SAMPLED: 2/26/2020

TIME SAMPLED:

SAMPLE MATRIX: WATER

SAMPLE RESULTS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Complete</u>
ALKALINITY SM 4500CO2D (BICARBONATE)	260	10	mg/L (PPM)	TR	2/28/2020
ALKALINITY SM 4500CO2D (CARBONATE)	ND	10	mg/L (PPM)	TR	2/28/2020
CHLORIDE EPA 300.0	240,000	2,000	mg/L (PPM)	LV	2/27/2020
CONDUCTIVITY SM2510-B	440,000	5.0	uS/cm@25C	LV	2/27/2020
pH EPA 150.1 - LAB	6.0	0.10	s.u.	TR	2/28/2020
RESISTIVITY SM 2510A	2.3	-	ohms x cm	LV	2/27/2020
SPECIFIC GRAVITY SM 2710F	1.220	-	-	LV	2/27/2020
SULFATE EPA 300.0	120	50	mg/L (PPM)	LV	2/27/2020
SULFIDE SM 4500S D	ND	1.0	mg/L (PPM)	KC	2/26/2020
TOTAL DISSOLVED SOLIDS EPA 160.1	260,000	5.0	mg/L (PPM)	TR	2/28/2020

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

DISS = DISSOLVED

