



INDEPENDENT TESTING LAB

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

Company: FEDERAL OIL COMPANY
Name:
ClientProj: 071151-0200
GTA ProjNo: 033120-5

Site Addr: VALIQUETT

Sampled By: NJ/ECT

Date Rec: 3/31/2020

Time Rec: 12:30 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-1	3/31/2020		WATER
2	MW-2	3/31/2020		WATER
3	MW-3	3/31/2020		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: FEDERAL OIL COMPANY

GTA PROJECT NO: 033120-5

PROJECT NO: 071151-0200

GTA SAMPLE NO: 1

LOCATION: VALIQUETT

DATE SAMPLED: 3/31/2020

TIME SAMPLED:

DATE RECEIVED: 3/31/2020

TIME RECEIVED: 12:30 PM

SAMPLED BY: MI
NJ/ECT**SAMPLE ANALYSIS****No: Analysis****Concentration****LOD****Units****Analyst****Date Completed****Sample Matrix**

SAMPLE ID: MW-1

CHLORIDE EPA 300.0

ND

10

mg/L (PPM)

LV

3/31/2020

WATER

CONDUCTIVITY SM2510-B

330

1.0

uS/cm@25C

LV

3/31/2020

WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

DISS = DISSOLVED

**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

COMPANY: FEDERAL OIL COMPANY

GTA PROJECT NO: 033120-5

PROJECT NO: 071151-0200

GTA SAMPLE NO: 2

LOCATION: VALIQUETT

DATE SAMPLED: 3/31/2020

TIME SAMPLED:

DATE RECEIVED: 3/31/2020

TIME RECEIVED: 12:30 PM

SAMPLED BY: MI
NJ/ECT**SAMPLE ANALYSIS****No: Analysis**

SAMPLE ID: MW-2

CHLORIDE EPA 300.0

CONDUCTIVITY SM2510-B

Concentration

ND

71

LOD

10

1.0

Units

mg/L (PPM)

uS/cm@25C

Analyst

LV

LV

Date Completed

3/31/2020

3/31/2020

Sample Matrix

WATER

WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

DISS = DISSOLVED

**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

COMPANY: FEDERAL OIL COMPANY

GTA PROJECT NO: 033120-5

PROJECT NO: 071151-0200

GTA SAMPLE NO: 3

LOCATION: VALIQUETT

DATE SAMPLED: 3/31/2020

TIME SAMPLED:

DATE RECEIVED: 3/31/2020

TIME RECEIVED: 12:30 PM

SAMPLED BY: MI
NJ/ECT**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	12	10	mg/L (PPM)	LV	3/31/2020	WATER
	CONDUCTIVITY SM2510-B	390	1.0	uS/cm@25C	LV	3/31/2020	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 071151-0200	SITE NAME/ADDRESS Valiquett	COMPANY/NAME Federal
SAMPLED BY NJ	COMPANY ECT	GTA PROJECT # 033120-5

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
	MW-1	3-31-20		WTR	CL, COND
	MW-2	↓		↓	↓
	MW-3	↓		↓	↓

BILL TO:

Federal

REPORT TO:

Lisa

RELEASED BY

DATE/TIME

Lisa Jones 3/31/20

RECEIVED BY

DATE/TIME

3/31/20 1230

REQUESTED TAT

☒ STANDARD

☐ 1 BUSINESS DAY

☐ 2 BUSINESS DAYS

☐ 3 BUSINESS DAYS