



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: 16-0529
GTA ProjNo: 092922-5

Site Addr: DAUGHERTY 1-16A

Sampled By: B. BAUMANN/ECT
Date Rec: 9/29/2022
Time Rec: 4:17 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-1	9/28/2022	12:40 PM	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

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PROJECT NO: 16-0529

LOCATION: DAUGHERTY 1-16A

MI

SAMPLE MATRIX: WATER

SAMPLE ID: MW-1

GTA PROJECT NO: 092922-5

GTA SAMPLE NO: 1

DATE SAMPLED: 9/28/2022

TIME SAMPLED: 12:40 PM

DATE RECEIVED: 9/29/2022

TIME RECEIVED: 4:17 PM

SAMPLED BY: B. BAUMANN/ECT

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>Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		9/30/2022	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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METALS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Digestion Method</u>
CALCIUM TOTAL EPA 6020A	61	0.50	mg/L (PPM)	MR	10/4/2022	EPA 3020A
MAGNESIUM TOTAL EPA 6020A	23	0.50	mg/L (PPM)	MR	10/4/2022	EPA 3020A
POTASSIUM TOTAL EPA 6020A	ND	0.50	mg/L (PPM)	MR	10/4/2022	EPA 3020A
SODIUM TOTAL EPA 6020A	4.2	0.50	mg/L (PPM)	MR	10/4/2022	EPA 3020A

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DISS = DISSOLVED

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SAMPLE RESULTS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>
ALKALINITY SM 4500CO2D (BICARBONATE)	320	10	mg/L (PPM)	TR	10/4/2022
ALKALINITY SM 4500CO2D (CARBONATE)	ND	10	mg/L (PPM)	TR	10/4/2022
CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	KC/TR	10/5/2022
CONDUCTIVITY SM2510-B	330	1.0	uS/cm@25C	TR	10/5/2022
SULFATE EPA 300.0	9.1	1.0	mg/L (PPM)	KC/TR	10/5/2022

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

DISS = DISSOLVED

