



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: 071152-0100
GTA ProjNo: 041521-4

Site Addr: ST. WEXFORD
Sampled By: NJ/ECT
Date Rec: 4/15/2021
Time Rec: 11:22 AM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-1	4/14/2021		WATER
2	MW-2	4/14/2021		WATER
3	MW-3	4/14/2021		WATER
4	MW-4	4/14/2021		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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COMPANY: FEDERAL OIL COMPANY
PROJECT NO: 071152-0100
LOCATION: ST. WEXFORD
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-1

GTA PROJECT NO: 041521-4
GTA SAMPLE NO: 1
DATE SAMPLED: 4/14/2021
TIME SAMPLED:
DATE RECEIVED: 4/15/2021
TIME RECEIVED: 11:22 AM
SAMPLED BY: NJ/ECT

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		4/15/2021	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:	FEDERAL OIL COMPANY	GTA PROJECT NO:	041521-4
PROJECT NO:	071152-0100	GTA SAMPLE NO:	2
LOCATION:	ST. WEXFORD	DATE SAMPLED:	4/14/2021
		TIME SAMPLED:	
	MI	DATE RECEIVED:	4/15/2021
		TIME RECEIVED:	11:22 AM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-2	SAMPLED BY:	NJ/ECT

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		4/15/2021	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:	FEDERAL OIL COMPANY	GTA PROJECT NO:	041521-4
PROJECT NO:	071152-0100	GTA SAMPLE NO:	3
LOCATION:	ST. WEXFORD	DATE SAMPLED:	4/14/2021
		TIME SAMPLED:	
	MI	DATE RECEIVED:	4/15/2021
		TIME RECEIVED:	11:22 AM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-3	SAMPLED BY:	NJ/ECT

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		4/15/2021	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:	FEDERAL OIL COMPANY	GTA PROJECT NO:	041521-4
PROJECT NO:	071152-0100	GTA SAMPLE NO:	4
LOCATION:	ST. WEXFORD	DATE SAMPLED:	4/14/2021
		TIME SAMPLED:	
	MI	DATE RECEIVED:	4/15/2021
		TIME RECEIVED:	11:22 AM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-4	SAMPLED BY:	NJ/ECT

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		4/15/2021	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: FEDERAL OIL COMPANY
PROJECT NO: 071152-0100
LOCATION: ST. WEXFORD

GTA PROJECT NO: 041521-4
GTA SAMPLE NO: 1
DATE SAMPLED: 4/14/2021
TIME SAMPLED:
DATE RECEIVED: 4/15/2021
TIME RECEIVED: 11:22 AM

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-1						
	CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	TR	4/22/2021	WATER
	CONDUCTIVITY SM2510-B	93	1.0	uS/cm@25C	TR	4/22/2021	WATER

ND = NOT DETECTED, RESULT < LOD
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s.u. = STANDARD pH UNITS REPORTED AT 25 C
DISS = DISSOLVED



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COMPANY: FEDERAL OIL COMPANY
PROJECT NO: 071152-0100
LOCATION: ST. WEXFORD

GTA PROJECT NO: 041521-4
GTA SAMPLE NO: 2
DATE SAMPLED: 4/14/2021
TIME SAMPLED:
DATE RECEIVED: 4/15/2021
TIME RECEIVED: 11:22 AM

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-2						
	CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	TR	4/22/2021	WATER
	CONDUCTIVITY SM2510-B	79	1.0	uS/cm@25C	TR	4/22/2021	WATER

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COMPANY: FEDERAL OIL COMPANY
PROJECT NO: 071152-0100
LOCATION: ST. WEXFORD

GTA PROJECT NO: 041521-4
GTA SAMPLE NO: 3
DATE SAMPLED: 4/14/2021
TIME SAMPLED:
DATE RECEIVED: 4/15/2021
TIME RECEIVED: 11:22 AM

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	ND	10	mg/L (PPM)	TR	4/22/2021	WATER
	CONDUCTIVITY SM2510-B	64	1.0	uS/cm@25C	TR	4/22/2021	WATER

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COMPANY: FEDERAL OIL COMPANY
PROJECT NO: 071152-0100
LOCATION: ST. WEXFORD

GTA PROJECT NO: 041521-4
GTA SAMPLE NO: 4
DATE SAMPLED: 4/14/2021
TIME SAMPLED:
DATE RECEIVED: 4/15/2021
TIME RECEIVED: 11:22 AM

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-4						
	CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	TR	4/22/2021	WATER
	CONDUCTIVITY SM2510-B	200	1.0	uS/cm@25C	TR	4/22/2021	WATER

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

