



**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

[www.gtanalytical.com](http://www.gtanalytical.com)

Company: FEDERAL OIL COMPANY  
Name:  
ClientProj: 071151-0100  
GTA ProjNo: 100323-5

Site Addr: WEXFORD 2-6

Sampled By: LMH-J/ECT  
Date Rec: 10/3/2023  
Time Rec: 2:35 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-1	10/3/2023		WATER
2	MW-2	10/3/2023		WATER
3	MW-3	10/3/2023		WATER
4	MW-4	10/3/2023		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  
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830 Robinwood Court  
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COMPANY: FEDERAL OIL COMPANY  
PROJECT NO: 071151-0100  
LOCATION: WEXFORD 2-6  
MI  
SAMPLE MATRIX: WATER  
SAMPLE ID: MW-1

GTA PROJECT NO: 100323-5  
GTA SAMPLE NO: 1  
DATE SAMPLED: 10/3/2023  
TIME SAMPLED:  
DATE RECEIVED: 10/3/2023  
TIME RECEIVED: 2:35 PM  
SAMPLED BY: LMH-J/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		10/5/2023	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  
PROJECT NO: 071151-0100  
LOCATION: WEXFORD 2-6  
MI  
SAMPLE MATRIX: WATER  
SAMPLE ID: MW-2

GTA PROJECT NO: 100323-5  
GTA SAMPLE NO: 2  
DATE SAMPLED: 10/3/2023  
TIME SAMPLED:  
DATE RECEIVED: 10/3/2023  
TIME RECEIVED: 2:35 PM  
SAMPLED BY: LMH-J/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		10/5/2023	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: 071151-0100  
 LOCATION: WEXFORD 2-6  
 MI  
 SAMPLE MATRIX: WATER  
 SAMPLE ID: MW-3

GTA PROJECT NO: 100323-5  
 GTA SAMPLE NO: 3  
 DATE SAMPLED: 10/3/2023  
 TIME SAMPLED:  
 DATE RECEIVED: 10/3/2023  
 TIME RECEIVED: 2:35 PM

SAMPLED BY: LMH-J/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 Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		10/5/2023	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

COMPANY: FEDERAL OIL COMPANY  
 PROJECT NO: 071151-0100  
 LOCATION: WEXFORD 2-6  
 MI  
 SAMPLE MATRIX: WATER  
 SAMPLE ID: MW-4

GTA PROJECT NO: 100323-5  
 GTA SAMPLE NO: 4  
 DATE SAMPLED: 10/3/2023  
 TIME SAMPLED:  
 DATE RECEIVED: 10/3/2023  
 TIME RECEIVED: 2:35 PM

SAMPLED BY: LMH-J/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		10/5/2023	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  
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COMPANY: FEDERAL OIL COMPANY  
PROJECT NO: 071151-0100  
LOCATION: WEXFORD 2-6

GTA PROJECT NO: 100323-5  
GTA SAMPLE NO: 1  
DATE SAMPLED: 10/3/2023  
TIME SAMPLED:  
DATE RECEIVED: 10/3/2023  
TIME RECEIVED: 2:35 PM

MI  
SAMPLED BY: LMH-J/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)	KC/TR	10/11/2023	WATER
CONDUCTIVITY SM2510-B	250	1.0	uS/cm@25C	TR	10/10/2023	WATER

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



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COMPANY: FEDERAL OIL COMPANY  
PROJECT NO: 071151-0100  
LOCATION: WEXFORD 2-6

GTA PROJECT NO: 100323-5  
GTA SAMPLE NO: 2  
DATE SAMPLED: 10/3/2023  
TIME SAMPLED:  
DATE RECEIVED: 10/3/2023  
TIME RECEIVED: 2:35 PM

MI  
SAMPLED BY: LMH-J/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)	KC/TR	10/11/2023	WATER
	CONDUCTIVITY SM2510-B	180	1.0	uS/cm@25C	TR	10/10/2023	WATER

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COMPANY: FEDERAL OIL COMPANY  
PROJECT NO: 071151-0100  
LOCATION: WEXFORD 2-6

GTA PROJECT NO: 100323-5  
GTA SAMPLE NO: 3  
DATE SAMPLED: 10/3/2023  
TIME SAMPLED:  
DATE RECEIVED: 10/3/2023  
TIME RECEIVED: 2:35 PM

MI  
SAMPLED BY: LMH-J/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)	KC/TR	10/11/2023	WATER
	CONDUCTIVITY SM2510-B	350	1.0	uS/cm@25C	TR	10/10/2023	WATER

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LOCATION: WEXFORD 2-6

GTA PROJECT NO: 100323-5  
GTA SAMPLE NO: 4  
DATE SAMPLED: 10/3/2023  
TIME SAMPLED:  
DATE RECEIVED: 10/3/2023  
TIME RECEIVED: 2:35 PM

MI  
SAMPLED BY: LMH-J/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)	KC/TR	10/11/2023	WATER
CONDUCTIVITY SM2510-B	110	1.0	uS/cm@25C	TR	10/10/2023	WATER

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

