



INDEPENDENT TESTING LAB

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

Company: IRONWOOD OIL
Name:
ClientProj: 240253.01
GTA ProjNo: 052424-4

Site Addr: HOLIDAY #182

Sampled By: DJT/GCES
Date Rec: 5/24/2024
Time Rec: 9:00 AM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-3	5/23/2024	7:35 AM	WATER
2	MW-14	5/23/2024	8:25 AM	WATER
3	MW-6	5/23/2024	9:40 AM	WATER
4	MW-5	5/23/2024	10:30 AM	WATER
5	PW-3	5/23/2024	11:30 AM	WATER
6	MW-13	5/23/2024	12:00 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

Kirk L. Chase/Chemist
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COMPANY:	IRONWOOD OIL	GTA PROJECT NO:	052424-4
PROJECT NO:	240253.01	GTA SAMPLE NO:	1
LOCATION:	HOLIDAY #182	DATE SAMPLED:	5/23/2024
		TIME SAMPLED:	7:35 AM
	MI	DATE RECEIVED:	5/24/2024
		TIME RECEIVED:	9:00 AM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-3	SAMPLED BY:	DJT/GCES

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		5/24/2024	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					
Methyl-t-Butyl Ether	ND	5.0					
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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COMPANY:	IRONWOOD OIL	GTA PROJECT NO:	052424-4
PROJECT NO:	240253.01	GTA SAMPLE NO:	2
LOCATION:	HOLIDAY #182	DATE SAMPLED:	5/23/2024
		TIME SAMPLED:	8:25 AM
	MI	DATE RECEIVED:	5/24/2024
		TIME RECEIVED:	9:00 AM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-14	SAMPLED BY:	DJT/GCES

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	140	1.0	ug/L (PPB)	MR		5/24/2024	EPA 5030B
Toluene	8.8	1.0					
Ethylbenzene	16	1.0					
Xylene(Total)	27	3.0					
1,2,4-Trimethylbenzene	3.7	1.0					
1,3,5-Trimethylbenzene	1.1	1.0					
Methyl-t-Butyl Ether	ND	5.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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COMPANY: IRONWOOD OIL
 PROJECT NO: 240253.01
 LOCATION: HOLIDAY #182
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-6

GTA PROJECT NO: 052424-4
 GTA SAMPLE NO: 3
 DATE SAMPLED: 5/23/2024
 TIME SAMPLED: 9:40 AM
 DATE RECEIVED: 5/24/2024
 TIME RECEIVED: 9:00 AM
 SAMPLED BY: DJT/GCES

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		5/24/2024	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					
Methyl-t-Butyl Ether	ND	5.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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COMPANY: IRONWOOD OIL
 PROJECT NO: 240253.01
 LOCATION: HOLIDAY #182
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-5

GTA PROJECT NO: 052424-4
 GTA SAMPLE NO: 4
 DATE SAMPLED: 5/23/2024
 TIME SAMPLED: 10:30 AM
 DATE RECEIVED: 5/24/2024
 TIME RECEIVED: 9:00 AM
 SAMPLED BY: DJT/GCES

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		5/24/2024	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					
Methyl-t-Butyl Ether	ND	5.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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COMPANY:	IRONWOOD OIL	GTA PROJECT NO:	052424-4
PROJECT NO:	240253.01	GTA SAMPLE NO:	5
LOCATION:	HOLIDAY #182	DATE SAMPLED:	5/23/2024
		TIME SAMPLED:	11:30 AM
	MI	DATE RECEIVED:	5/24/2024
		TIME RECEIVED:	9:00 AM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	PW-3	SAMPLED BY:	DJT/GCES

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	50	1.0	ug/L (PPB)	MR		5/24/2024	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					
Methyl-t-Butyl Ether	ND	5.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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COMPANY:	IRONWOOD OIL	GTA PROJECT NO:	052424-4
PROJECT NO:	240253.01	GTA SAMPLE NO:	6
LOCATION:	HOLIDAY #182	DATE SAMPLED:	5/23/2024
		TIME SAMPLED:	12:00 PM
	MI	DATE RECEIVED:	5/24/2024
		TIME RECEIVED:	9:00 AM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-13	SAMPLED BY:	DJT/GCES

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	8.4	1.0	ug/L (PPB)	MR		5/24/2024	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					
Methyl-t-Butyl Ether	ND	5.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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