



INDEPENDENT TESTING LAB

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

Company: IRONWOOD OIL COMPANY
Name:
ClientProj: 2023816001.01
GTA ProjNo: 050923-6

Site Addr: HOLIDAY STATION #182
Sampled By: DJT/GCES
Date Rec: 5/9/2023
Time Rec: 8:50 AM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-3	5/8/2023	9:10 AM	WATER
2	MW-14	5/8/2023	10:20 AM	WATER
3	MW-6	5/8/2023	11:35 AM	WATER
4	MW-5	5/8/2023	12:35 PM	WATER
5	PW-3	5/8/2023	1:35 PM	WATER
6	MW-13	5/8/2023	2:15 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
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



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COMPANY: IRONWOOD OIL COMPANY
 PROJECT NO: 2023816001.01
 LOCATION: HOLIDAY STATION #182

GTA PROJECT NO: 050923-6
 GTA SAMPLE NO: 1

DATE SAMPLED: 5/8/2023
 TIME SAMPLED: 9:10 AM
 DATE RECEIVED: 5/9/2023
 TIME RECEIVED: 8:50 AM

MI

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 Extracted</u>	<u>Date Complete</u>	<u>Prep Method</u>
Benzene	1.1	1.0	ug/L (PPB)	MR		5/10/2023	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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 PROJECT NO: 2023816001.01
 LOCATION: HOLIDAY STATION #182
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-14

GTA PROJECT NO: 050923-6
 GTA SAMPLE NO: 2
 DATE SAMPLED: 5/8/2023
 TIME SAMPLED: 10:20 AM
 DATE RECEIVED: 5/9/2023
 TIME RECEIVED: 8:50 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 Complete</u>	<u>Prep Method</u>
Benzene	3.5	1.0	ug/L (PPB)	MR		5/10/2023	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	4.0	1.0					
Xylene(Total)	5.9	3.0					
1,2,4-Trimethylbenzene	1.4	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 COMPANY
 PROJECT NO: 2023816001.01
 LOCATION: HOLIDAY STATION #182
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-6

GTA PROJECT NO: 050923-6
 GTA SAMPLE NO: 3
 DATE SAMPLED: 5/8/2023
 TIME SAMPLED: 11:35 AM
 DATE RECEIVED: 5/9/2023
 TIME RECEIVED: 8:50 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 Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		5/10/2023	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 COMPANY
 PROJECT NO: 2023816001.01
 LOCATION: HOLIDAY STATION #182

GTA PROJECT NO: 050923-6
 GTA SAMPLE NO: 4

DATE SAMPLED: 5/8/2023
 TIME SAMPLED: 12:35 PM
 DATE RECEIVED: 5/9/2023
 TIME RECEIVED: 8:50 AM

MI

SAMPLE MATRIX: WATER
 SAMPLE ID: MW-5

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 Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		5/10/2023	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 COMPANY
 PROJECT NO: 2023816001.01
 LOCATION: HOLIDAY STATION #182

GTA PROJECT NO: 050923-6
 GTA SAMPLE NO: 5

DATE SAMPLED: 5/8/2023
 TIME SAMPLED: 1:35 PM
 DATE RECEIVED: 5/9/2023
 TIME RECEIVED: 8:50 AM

MI

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 Complete</u>	<u>Prep Method</u>
Benzene	30	1.0	ug/L (PPB)	MR		5/10/2023	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 COMPANY
 PROJECT NO: 2023816001.01
 LOCATION: HOLIDAY STATION #182
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-13

GTA PROJECT NO: 050923-6
 GTA SAMPLE NO: 6
 DATE SAMPLED: 5/8/2023
 TIME SAMPLED: 2:15 PM
 DATE RECEIVED: 5/9/2023
 TIME RECEIVED: 8:50 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 Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		5/10/2023	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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CHAIN OF CUSTODY

PROJECT NUMBER 2023816001.01	SITE NAME/ADDRESS Holiday Station #182	COMPANY/NAME Ironwood Oil
SAMPLED BY DJT	COMPANY GCE S	GTA PROJECT # 050923-6

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	MW-3	5/8/23	9 10	GW	BTEX + 5
2	MW-14		10 20		
3	MW-6		11 35		
4	MW-5		12 35		
5	PW-3		13 35		
6	MW-13		14 15		

BILL TO: GCE S	TempRec: <input type="checkbox"/>	On Ice? <input checked="" type="checkbox"/> <input type="checkbox"/>	REPORT TO: A. Segerlind
		1,7 L	

RELEASED BY Danil Shaw	DATE/TIME 5/9/23	RECEIVED BY Trevor Rul	DATE/TIME 5-9-23 8:50am

REQUESTED TAT STANDARD 1 BUSINESS DAY 2 BUSINESS DAYS 3 BUSINESS DAYS