



**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: IRONWOOD OIL COMPANY  
Name:  
ClientProj: 250060.01  
GTA ProjNo: 090325-17

Site Addr: HOLIDAY #182

Sampled By: DJT/GCES  
Date Rec: 9/3/2025  
Time Rec: 4:52 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-3	9/3/2025	10:50 AM	WATER
2	MW-14	9/3/2025	11:40 AM	WATER
3	MW-6	9/3/2025	1:00 PM	WATER
4	MW-7	9/3/2025	2:10 PM	WATER
5	MW-5	9/3/2025	2:45 PM	WATER
6	PW-5	9/3/2025	3:30 PM	WATER
7	PW-3	9/3/2025	4:30 PM	WATER
8	DUP	9/3/2025		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  
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PH: 231-929-0905

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COMPANY: IRONWOOD OIL COMPANY  
 NAME:  
 PROJECT NO: 250060.01  
 LOCATION: HOLIDAY #182  
 MI  
 SAMPLED BY: DJT/GCES

GTA PROJECT NO: 090325-17  
 GTA SAMPLE NO: 1  
 DATE SAMPLED: 9/3/2025  
 TIME SAMPLED: 10:50 AM  
 DATE RECEIVED: 9/3/2025  
 TIME RECEIVED: 4:52 PM

**EPA 8260B VOLATILE ORGANICS**

<u>No:</u>	<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>
	<b>SAMPLE ID:</b> MW-3							
	<b>SAMPLE MATRIX:</b> WATER							
	1,2,4-Trimethylbenzene	ND	1.0	ug/L (PPB)	MR	9/4/2025		EPA 5030B
	1,2-Dibromoethane	ND	1.0	ug/L (PPB)	MR	9/4/2025		EPA 5030B
	1,2-Dichloroethane	ND	1.0	ug/L (PPB)	MR	9/4/2025		EPA 5030B
	1,3,5-Trimethylbenzene	ND	1.0	ug/L (PPB)	MR	9/4/2025		EPA 5030B
	2,2,4-Trimethylpentane	ND	50	ug/L (PPB)	MR	9/4/2025		EPA 5030B
	2-Methylnaphthalene	ND	5.0	ug/L (PPB)	MR	9/4/2025		EPA 5030B
	Benzene	ND	1.0	ug/L (PPB)	MR	9/4/2025		EPA 5030B
	Ethylbenzene	ND	1.0	ug/L (PPB)	MR	9/4/2025		EPA 5030B
	Methyl tert-butyl ether (MTBE)	ND	5.0	ug/L (PPB)	MR	9/4/2025		EPA 5030B
	Naphthalene	ND	5.0	ug/L (PPB)	MR	9/4/2025		EPA 5030B
	n-Hexane	ND	10	ug/L (PPB)	MR	9/4/2025		EPA 5030B
	n-Propylbenzene	ND	1.0	ug/L (PPB)	MR	9/4/2025		EPA 5030B
	Pentane	ND	100	ug/L (PPB)	MR	9/4/2025		EPA 5030B
	sec-Butylbenzene	ND	1.0	ug/L (PPB)	MR	9/4/2025		EPA 5030B
	tert-Butylbenzene	ND	1.0	ug/L (PPB)	MR	9/4/2025		EPA 5030B
	Toluene	ND	1.0	ug/L (PPB)	MR	9/4/2025		EPA 5030B
	Xylene (total)	ND	3.0	ug/L (PPB)	MR	9/4/2025		EPA 5030B

ND = NOT DETECTED, RESULT < LOD  
 LOD = LIMIT OF DETECTION



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COMPANY: IRONWOOD OIL COMPANY

GTA PROJECT NO: 090325-17

GTA SAMPLE NO: 2

NAME:

PROJECT NO: 250060.01

DATE SAMPLED: 9/3/2025

LOCATION: HOLIDAY #182

TIME SAMPLED: 11:40 AM

DATE RECEIVED: 9/3/2025

TIME RECEIVED: 4:52 PM

SAMPLED BY: MI  
DJT/GCES

**EPA 8260B VOLATILE ORGANICS**

<u>No:</u>	<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>
	<b>SAMPLE ID:</b> MW-14							
	<b>SAMPLE MATRIX:</b> WATER							
	1,2,4-Trimethylbenzene	160	1.0	ug/L (PPB)	MR	9/5/2025	9/5/2025	EPA 5030B
	1,2-Dibromoethane	ND	1.0	ug/L (PPB)	MR	9/5/2025	9/5/2025	EPA 5030B
	1,2-Dichloroethane	ND	1.0	ug/L (PPB)	MR	9/5/2025	9/5/2025	EPA 5030B
	1,3,5-Trimethylbenzene	46	1.0	ug/L (PPB)	MR	9/5/2025	9/5/2025	EPA 5030B
	2,2,4-Trimethylpentane	ND	50	ug/L (PPB)	MR	9/5/2025	9/5/2025	EPA 5030B
	2-Methylnaphthalene	ND	5.0	ug/L (PPB)	MR	9/5/2025	9/5/2025	EPA 5030B
	Benzene	4.7	1.0	ug/L (PPB)	MR	9/5/2025	9/5/2025	EPA 5030B
	Ethylbenzene	14	1.0	ug/L (PPB)	MR	9/5/2025	9/5/2025	EPA 5030B
	Methyl tert-butyl ether (MTBE)	ND	5.0	ug/L (PPB)	MR	9/5/2025	9/5/2025	EPA 5030B
	Naphthalene	27	5.0	ug/L (PPB)	MR	9/5/2025	9/5/2025	EPA 5030B
	n-Hexane	34	10	ug/L (PPB)	MR	9/5/2025	9/5/2025	EPA 5030B
	n-Propylbenzene	1.1	1.0	ug/L (PPB)	MR	9/5/2025	9/5/2025	EPA 5030B
	Pentane	ND	100	ug/L (PPB)	MR	9/5/2025	9/5/2025	EPA 5030B
	sec-Butylbenzene	ND	1.0	ug/L (PPB)	MR	9/5/2025	9/5/2025	EPA 5030B
	tert-Butylbenzene	ND	1.0	ug/L (PPB)	MR	9/5/2025	9/5/2025	EPA 5030B
	Toluene	12	1.0	ug/L (PPB)	MR	9/5/2025	9/5/2025	EPA 5030B
	Xylene (total)	490	3.0	ug/L (PPB)	MR	9/5/2025	9/5/2025	EPA 5030B

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LOD = LIMIT OF DETECTION



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COMPANY: IRONWOOD OIL COMPANY

NAME:

PROJECT NO: 250060.01

LOCATION: HOLIDAY #182

GTA PROJECT NO: 090325-17

GTA SAMPLE NO: 3

DATE SAMPLED: 9/3/2025

TIME SAMPLED: 1:00 PM

DATE RECEIVED: 9/3/2025

TIME RECEIVED: 4:52 PM

SAMPLED BY: MI  
DJT/GCES

**EPA 8260B VOLATILE ORGANICS**

<u>No:</u>	<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>
	<b>SAMPLE ID:</b> MW-6							
	<b>SAMPLE MATRIX:</b> WATER							
	1,2,4-Trimethylbenzene	ND	1.0	ug/L (PPB)	MR	9/4/2025		EPA 5030B
	1,2-Dibromoethane	ND	1.0	ug/L (PPB)	MR	9/4/2025		EPA 5030B
	1,2-Dichloroethane	ND	1.0	ug/L (PPB)	MR	9/4/2025		EPA 5030B
	1,3,5-Trimethylbenzene	ND	1.0	ug/L (PPB)	MR	9/4/2025		EPA 5030B
	2,2,4-Trimethylpentane	ND	50	ug/L (PPB)	MR	9/4/2025		EPA 5030B
	2-Methylnaphthalene	ND	5.0	ug/L (PPB)	MR	9/4/2025		EPA 5030B
	Benzene	ND	1.0	ug/L (PPB)	MR	9/4/2025		EPA 5030B
	Ethylbenzene	ND	1.0	ug/L (PPB)	MR	9/4/2025		EPA 5030B
	Methyl tert-butyl ether (MTBE)	ND	5.0	ug/L (PPB)	MR	9/4/2025		EPA 5030B
	Naphthalene	ND	5.0	ug/L (PPB)	MR	9/4/2025		EPA 5030B
	n-Hexane	ND	10	ug/L (PPB)	MR	9/4/2025		EPA 5030B
	n-Propylbenzene	ND	1.0	ug/L (PPB)	MR	9/4/2025		EPA 5030B
	Pentane	ND	100	ug/L (PPB)	MR	9/4/2025		EPA 5030B
	sec-Butylbenzene	ND	1.0	ug/L (PPB)	MR	9/4/2025		EPA 5030B
	tert-Butylbenzene	ND	1.0	ug/L (PPB)	MR	9/4/2025		EPA 5030B
	Toluene	ND	1.0	ug/L (PPB)	MR	9/4/2025		EPA 5030B
	Xylene (total)	ND	3.0	ug/L (PPB)	MR	9/4/2025		EPA 5030B

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LOD = LIMIT OF DETECTION



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COMPANY: IRONWOOD OIL COMPANY

NAME:

PROJECT NO: 250060.01

LOCATION: HOLIDAY #182

GTA PROJECT NO: 090325-17

GTA SAMPLE NO: 4

DATE SAMPLED: 9/3/2025

TIME SAMPLED: 2:10 PM

DATE RECEIVED: 9/3/2025

TIME RECEIVED: 4:52 PM

SAMPLED BY: MI  
DJT/GCES

**EPA 8260B VOLATILE ORGANICS**

<u>No:</u>	<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>
	<b>SAMPLE ID:</b> MW-7							
	<b>SAMPLE MATRIX:</b> WATER							
	1,2,4-Trimethylbenzene	ND	1.0	ug/L (PPB)	MR	9/4/2025		EPA 5030B
	1,2-Dibromoethane	ND	1.0	ug/L (PPB)	MR	9/4/2025		EPA 5030B
	1,2-Dichloroethane	ND	1.0	ug/L (PPB)	MR	9/4/2025		EPA 5030B
	1,3,5-Trimethylbenzene	ND	1.0	ug/L (PPB)	MR	9/4/2025		EPA 5030B
	2,2,4-Trimethylpentane	ND	50	ug/L (PPB)	MR	9/4/2025		EPA 5030B
	2-Methylnaphthalene	ND	5.0	ug/L (PPB)	MR	9/4/2025		EPA 5030B
	Benzene	ND	1.0	ug/L (PPB)	MR	9/4/2025		EPA 5030B
	Ethylbenzene	ND	1.0	ug/L (PPB)	MR	9/4/2025		EPA 5030B
	Methyl tert-butyl ether (MTBE)	ND	5.0	ug/L (PPB)	MR	9/4/2025		EPA 5030B
	Naphthalene	ND	5.0	ug/L (PPB)	MR	9/4/2025		EPA 5030B
	n-Hexane	ND	10	ug/L (PPB)	MR	9/4/2025		EPA 5030B
	n-Propylbenzene	ND	1.0	ug/L (PPB)	MR	9/4/2025		EPA 5030B
	Pentane	ND	100	ug/L (PPB)	MR	9/4/2025		EPA 5030B
	sec-Butylbenzene	ND	1.0	ug/L (PPB)	MR	9/4/2025		EPA 5030B
	tert-Butylbenzene	ND	1.0	ug/L (PPB)	MR	9/4/2025		EPA 5030B
	Toluene	ND	1.0	ug/L (PPB)	MR	9/4/2025		EPA 5030B
	Xylene (total)	ND	3.0	ug/L (PPB)	MR	9/4/2025		EPA 5030B

ND = NOT DETECTED, RESULT < LOD  
LOD = LIMIT OF DETECTION



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COMPANY: IRONWOOD OIL COMPANY

GTA PROJECT NO: 090325-17

GTA SAMPLE NO: 5

NAME:

PROJECT NO: 250060.01

DATE SAMPLED: 9/3/2025

LOCATION: HOLIDAY #182

TIME SAMPLED: 2:45 PM

DATE RECEIVED: 9/3/2025

TIME RECEIVED: 4:52 PM

SAMPLED BY: MI  
DJT/GCES

**EPA 8260B VOLATILE ORGANICS**

<u>No:</u>	<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>
	<b>SAMPLE ID:</b> MW-5							
	<b>SAMPLE MATRIX:</b> WATER							
	1,2,4-Trimethylbenzene	ND	1.0	ug/L (PPB)	MR	9/4/2025		EPA 5030B
	1,2-Dibromoethane	ND	1.0	ug/L (PPB)	MR	9/4/2025		EPA 5030B
	1,2-Dichloroethane	ND	1.0	ug/L (PPB)	MR	9/4/2025		EPA 5030B
	1,3,5-Trimethylbenzene	ND	1.0	ug/L (PPB)	MR	9/4/2025		EPA 5030B
	2,2,4-Trimethylpentane	ND	50	ug/L (PPB)	MR	9/4/2025		EPA 5030B
	2-Methylnaphthalene	ND	5.0	ug/L (PPB)	MR	9/4/2025		EPA 5030B
	Benzene	ND	1.0	ug/L (PPB)	MR	9/4/2025		EPA 5030B
	Ethylbenzene	ND	1.0	ug/L (PPB)	MR	9/4/2025		EPA 5030B
	Methyl tert-butyl ether (MTBE)	ND	5.0	ug/L (PPB)	MR	9/4/2025		EPA 5030B
	Naphthalene	ND	5.0	ug/L (PPB)	MR	9/4/2025		EPA 5030B
	n-Hexane	ND	10	ug/L (PPB)	MR	9/4/2025		EPA 5030B
	n-Propylbenzene	ND	1.0	ug/L (PPB)	MR	9/4/2025		EPA 5030B
	Pentane	ND	100	ug/L (PPB)	MR	9/4/2025		EPA 5030B
	sec-Butylbenzene	ND	1.0	ug/L (PPB)	MR	9/4/2025		EPA 5030B
	tert-Butylbenzene	ND	1.0	ug/L (PPB)	MR	9/4/2025		EPA 5030B
	Toluene	ND	1.0	ug/L (PPB)	MR	9/4/2025		EPA 5030B
	Xylene (total)	ND	3.0	ug/L (PPB)	MR	9/4/2025		EPA 5030B

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LOD = LIMIT OF DETECTION



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COMPANY: IRONWOOD OIL COMPANY

GTA PROJECT NO: 090325-17

GTA SAMPLE NO: 6

NAME:

PROJECT NO: 250060.01

DATE SAMPLED: 9/3/2025

LOCATION: HOLIDAY #182

TIME SAMPLED: 3:30 PM

DATE RECEIVED: 9/3/2025

TIME RECEIVED: 4:52 PM

SAMPLED BY: MI  
DJT/GCES

**EPA 8260B VOLATILE ORGANICS**

<u>No:</u>	<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>
	<b>SAMPLE ID:</b> PW-5							
	<b>SAMPLE MATRIX:</b> WATER							
	1,2,4-Trimethylbenzene	ND	1.0	ug/L (PPB)	MR	9/5/2025	9/5/2025	EPA 5030B
	1,2-Dibromoethane	ND	1.0	ug/L (PPB)	MR	9/5/2025	9/5/2025	EPA 5030B
	1,2-Dichloroethane	ND	1.0	ug/L (PPB)	MR	9/5/2025	9/5/2025	EPA 5030B
	1,3,5-Trimethylbenzene	ND	1.0	ug/L (PPB)	MR	9/5/2025	9/5/2025	EPA 5030B
	2,2,4-Trimethylpentane	ND	50	ug/L (PPB)	MR	9/5/2025	9/5/2025	EPA 5030B
	2-Methylnaphthalene	ND	5.0	ug/L (PPB)	MR	9/5/2025	9/5/2025	EPA 5030B
	Benzene	ND	1.0	ug/L (PPB)	MR	9/5/2025	9/5/2025	EPA 5030B
	Ethylbenzene	ND	1.0	ug/L (PPB)	MR	9/5/2025	9/5/2025	EPA 5030B
	Methyl tert-butyl ether (MTBE)	ND	5.0	ug/L (PPB)	MR	9/5/2025	9/5/2025	EPA 5030B
	Naphthalene	ND	5.0	ug/L (PPB)	MR	9/5/2025	9/5/2025	EPA 5030B
	n-Hexane	ND	10	ug/L (PPB)	MR	9/5/2025	9/5/2025	EPA 5030B
	n-Propylbenzene	ND	1.0	ug/L (PPB)	MR	9/5/2025	9/5/2025	EPA 5030B
	Pentane	ND	100	ug/L (PPB)	MR	9/5/2025	9/5/2025	EPA 5030B
	sec-Butylbenzene	ND	1.0	ug/L (PPB)	MR	9/5/2025	9/5/2025	EPA 5030B
	tert-Butylbenzene	ND	1.0	ug/L (PPB)	MR	9/5/2025	9/5/2025	EPA 5030B
	Toluene	ND	1.0	ug/L (PPB)	MR	9/5/2025	9/5/2025	EPA 5030B
	Xylene (total)	ND	3.0	ug/L (PPB)	MR	9/5/2025	9/5/2025	EPA 5030B

ND = NOT DETECTED, RESULT < LOD  
LOD = LIMIT OF DETECTION



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COMPANY: IRONWOOD OIL COMPANY

GTA PROJECT NO: 090325-17

GTA SAMPLE NO: 7

NAME:

PROJECT NO: 250060.01

DATE SAMPLED: 9/3/2025

LOCATION: HOLIDAY #182

TIME SAMPLED: 4:30 PM

DATE RECEIVED: 9/3/2025

TIME RECEIVED: 4:52 PM

SAMPLED BY: MI  
DJT/GCES

**EPA 8260B VOLATILE ORGANICS**

<u>No:</u>	<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>
	<b>SAMPLE ID:</b> PW-3							
	<b>SAMPLE MATRIX:</b> WATER							
	1,2,4-Trimethylbenzene	ND	1.0	ug/L (PPB)	MR	9/5/2025	9/5/2025	EPA 5030B
	1,2-Dibromoethane	ND	1.0	ug/L (PPB)	MR	9/5/2025	9/5/2025	EPA 5030B
	1,2-Dichloroethane	ND	1.0	ug/L (PPB)	MR	9/5/2025	9/5/2025	EPA 5030B
	1,3,5-Trimethylbenzene	ND	1.0	ug/L (PPB)	MR	9/5/2025	9/5/2025	EPA 5030B
	2,2,4-Trimethylpentane	ND	50	ug/L (PPB)	MR	9/5/2025	9/5/2025	EPA 5030B
	2-Methylnaphthalene	ND	5.0	ug/L (PPB)	MR	9/5/2025	9/5/2025	EPA 5030B
	Benzene	ND	1.0	ug/L (PPB)	MR	9/5/2025	9/5/2025	EPA 5030B
	Ethylbenzene	8.0	1.0	ug/L (PPB)	MR	9/5/2025	9/5/2025	EPA 5030B
	Methyl tert-butyl ether (MTBE)	ND	5.0	ug/L (PPB)	MR	9/5/2025	9/5/2025	EPA 5030B
	Naphthalene	ND	5.0	ug/L (PPB)	MR	9/5/2025	9/5/2025	EPA 5030B
	n-Hexane	ND	10	ug/L (PPB)	MR	9/5/2025	9/5/2025	EPA 5030B
	n-Propylbenzene	ND	1.0	ug/L (PPB)	MR	9/5/2025	9/5/2025	EPA 5030B
	Pentane	ND	100	ug/L (PPB)	MR	9/5/2025	9/5/2025	EPA 5030B
	sec-Butylbenzene	ND	1.0	ug/L (PPB)	MR	9/5/2025	9/5/2025	EPA 5030B
	tert-Butylbenzene	ND	1.0	ug/L (PPB)	MR	9/5/2025	9/5/2025	EPA 5030B
	Toluene	ND	1.0	ug/L (PPB)	MR	9/5/2025	9/5/2025	EPA 5030B
	Xylene (total)	ND	3.0	ug/L (PPB)	MR	9/5/2025	9/5/2025	EPA 5030B

ND = NOT DETECTED, RESULT < LOD  
LOD = LIMIT OF DETECTION



**INDEPENDENT TESTING LAB**

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PH: 231-929-0905

FAX: 231-929-0894

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COMPANY: IRONWOOD OIL COMPANY

GTA PROJECT NO: 090325-17

GTA SAMPLE NO: 8

NAME:

PROJECT NO: 250060.01

DATE SAMPLED: 9/3/2025

LOCATION: HOLIDAY #182

TIME SAMPLED:

DATE RECEIVED: 9/3/2025

TIME RECEIVED: 4:52 PM

SAMPLED BY: MI  
DJT/GCES

**EPA 8260B VOLATILE ORGANICS**

<u>No:</u>	<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>
	<b>SAMPLE ID: DUP</b>							
	<b>SAMPLE MATRIX: WATER</b>							
	1,2,4-Trimethylbenzene	ND	1.0	ug/L (PPB)	MR	9/5/2025	9/5/2025	EPA 5030B
	1,2-Dibromoethane	ND	1.0	ug/L (PPB)	MR	9/5/2025	9/5/2025	EPA 5030B
	1,2-Dichloroethane	ND	1.0	ug/L (PPB)	MR	9/5/2025	9/5/2025	EPA 5030B
	1,3,5-Trimethylbenzene	ND	1.0	ug/L (PPB)	MR	9/5/2025	9/5/2025	EPA 5030B
	2,2,4-Trimethylpentane	ND	50	ug/L (PPB)	MR	9/5/2025	9/5/2025	EPA 5030B
	2-Methylnaphthalene	ND	5.0	ug/L (PPB)	MR	9/5/2025	9/5/2025	EPA 5030B
	Benzene	25	1.0	ug/L (PPB)	MR	9/5/2025	9/5/2025	EPA 5030B
	Ethylbenzene	1.2	1.0	ug/L (PPB)	MR	9/5/2025	9/5/2025	EPA 5030B
	Methyl tert-butyl ether (MTBE)	ND	5.0	ug/L (PPB)	MR	9/5/2025	9/5/2025	EPA 5030B
	Naphthalene	ND	5.0	ug/L (PPB)	MR	9/5/2025	9/5/2025	EPA 5030B
	n-Hexane	ND	10	ug/L (PPB)	MR	9/5/2025	9/5/2025	EPA 5030B
	n-Propylbenzene	2.3	1.0	ug/L (PPB)	MR	9/5/2025	9/5/2025	EPA 5030B
	Pentane	ND	100	ug/L (PPB)	MR	9/5/2025	9/5/2025	EPA 5030B
	sec-Butylbenzene	ND	1.0	ug/L (PPB)	MR	9/5/2025	9/5/2025	EPA 5030B
	tert-Butylbenzene	ND	1.0	ug/L (PPB)	MR	9/5/2025	9/5/2025	EPA 5030B
	Toluene	ND	1.0	ug/L (PPB)	MR	9/5/2025	9/5/2025	EPA 5030B
	Xylene (total)	ND	3.0	ug/L (PPB)	MR	9/5/2025	9/5/2025	EPA 5030B

ND = NOT DETECTED, RESULT < LOD  
LOD = LIMIT OF DETECTION



**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

GTA PROJECT NO: 090325-

PROJECT NO: 250060.01

GTA SAMPLE NO: 1

LOCATION: HOLIDAY #182

DATE SAMPLED: 9/3/2025

TIME SAMPLED: 10:50 AM

SAMPLED BY: MI  
DJT/GCES

DATE RECEIVED: 9/3/2025

TIME RECEIVED: 4:52 PM

SAMPLE MATRIX: WATER

**METALS**

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Digestion Method</u>
SAMPLE ID: MW-3							
1	LEAD TOTAL EPA 6020A	0.027	0.0010	mg/L (PPM)	MR	9/4/2025	EPA 3005A

ND = NOT DETECTED, RESULT < LOD.  
LOD = LIMIT OF DETECTION  
DISS = DISSOLVED



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COMPANY: IRONWOOD OIL COMPANY

GTA PROJECT NO: 090325-

PROJECT NO: 250060.01

GTA SAMPLE NO: 2

LOCATION: HOLIDAY #182

DATE SAMPLED: 9/3/2025

TIME SAMPLED: 11:40 AM

DATE RECEIVED: 9/3/2025

TIME RECEIVED: 4:52 PM

SAMPLED BY: MI  
DJT/GCES

SAMPLE MATRIX: WATER

**METALS**

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Digestion Method</u>
SAMPLE ID: MW-14							
2	LEAD TOTAL EPA 6020A	0.050	0.0010	mg/L (PPM)	MR	9/4/2025	EPA 3005A

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LOD = LIMIT OF DETECTION  
DISS = DISSOLVED



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PH: 231-929-0905

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www.gtanalytical.com

COMPANY: IRONWOOD OIL COMPANY

GTA PROJECT NO: 090325-

PROJECT NO: 250060.01

GTA SAMPLE NO: 3

LOCATION: HOLIDAY #182

DATE SAMPLED: 9/3/2025

TIME SAMPLED: 1:00 PM

DATE RECEIVED: 9/3/2025

TIME RECEIVED: 4:52 PM

SAMPLED BY: MI  
DJT/GCES

SAMPLE MATRIX: WATER

**METALS**

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Digestion Method</u>
SAMPLE ID: MW-6							
3	LEAD TOTAL EPA 6020A	0.010	0.0010	mg/L (PPM)	MR	9/4/2025	EPA 3005A

ND = NOT DETECTED, RESULT < LOD.  
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DISS = DISSOLVED



**INDEPENDENT TESTING LAB**

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PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

COMPANY: IRONWOOD OIL COMPANY

GTA PROJECT NO: 090325-

PROJECT NO: 250060.01

GTA SAMPLE NO: 4

LOCATION: HOLIDAY #182

DATE SAMPLED: 9/3/2025

TIME SAMPLED: 2:10 PM

DATE RECEIVED: 9/3/2025

TIME RECEIVED: 4:52 PM

SAMPLED BY: MI  
DJT/GCES

SAMPLE MATRIX: WATER

**METALS**

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Digestion Method</u>
SAMPLE ID: MW-7							
4	LEAD TOTAL EPA 6020A	0.015	0.0010	mg/L (PPM)	MR	9/4/2025	EPA 3005A

ND = NOT DETECTED, RESULT < LOD.  
LOD = LIMIT OF DETECTION  
DISS = DISSOLVED



**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

GTA PROJECT NO: 090325-5  
GTA SAMPLE NO: 5

PROJECT NO: 250060.01  
LOCATION: HOLIDAY #182

DATE SAMPLED: 9/3/2025  
TIME SAMPLED: 2:45 PM  
DATE RECEIVED: 9/3/2025  
TIME RECEIVED: 4:52 PM

SAMPLED BY: MI  
DJT/GCES

SAMPLE MATRIX: WATER

**METALS**

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Digestion Method</u>
SAMPLE ID: MW-5							
5	LEAD TOTAL EPA 6020A	0.0014	0.0010	mg/L (PPM)	MR	9/4/2025	EPA 3005A

ND = NOT DETECTED, RESULT < LOD.  
LOD = LIMIT OF DETECTION  
DISS = DISSOLVED

COMPANY: IRONWOOD OIL COMPANY  
 PROJECT NO: 250060.01  
 LOCATION: HOLIDAY #182  
 MI  
 SAMPLED BY: DJT/GCES  
 SAMPLE MATRIX: WATER  
 GTA PROJECT NO: 090325-6  
 GTA SAMPLE NO: 6  
 DATE SAMPLED: 9/3/2025  
 TIME SAMPLED: 3:30 PM  
 DATE RECEIVED: 9/3/2025  
 TIME RECEIVED: 4:52 PM

**METALS**

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Digestion Method</u>
SAMPLE ID: PW-5							
6	LEAD TOTAL EPA 6020A	0.0017	0.0010	mg/L (PPM)	MR	9/4/2025	EPA 3005A

ND = NOT DETECTED, RESULT < LOD.  
 LOD = LIMIT OF DETECTION  
 DISS = DISSOLVED

COMPANY: IRONWOOD OIL COMPANY

GTA PROJECT NO: 090325-

PROJECT NO: 250060.01

GTA SAMPLE NO: 7

LOCATION: HOLIDAY #182

DATE SAMPLED: 9/3/2025

TIME SAMPLED: 4:30 PM

SAMPLED BY: MI  
 DJT/GCES

DATE RECEIVED: 9/3/2025

TIME RECEIVED: 4:52 PM

SAMPLE MATRIX: WATER

**METALS**

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Digestion Method</u>
SAMPLE ID: PW-3							
7	LEAD TOTAL EPA 6020A	0.011	0.0010	mg/L (PPM)	MR	9/4/2025	EPA 3005A

ND = NOT DETECTED, RESULT < LOD.  
 LOD = LIMIT OF DETECTION  
 DISS = DISSOLVED

**CHAIN OF CUSTODY**

PROJECT NUMBER <b>250060.01</b>	SITE NAME/ADDRESS <b>Holiday #182</b>	COMPANY/NAME <b>Ironwood Oil</b>
SAMPLED BY <b>DJT</b>	COMPANY <b>GCES</b>	GTA PROJECT # <b>090325-17</b>

**SAMPLE INFORMATION**

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS	
1	MW-3	9/3/25	10:50	GW	[See Attached]	
2	MV-14		11:40			
3	MV-6		13:00			
4	MV-7		14:10			
5	MV-5		14:45			
6	PW-5		15:30			
7	PW-3		16:30			
8	Dnp		-			VOCs

BILL TO: <b>GCES</b>	TempRec: <input type="checkbox"/> <b>3.0°C</b>	On Ice? <input checked="" type="checkbox"/> <input type="checkbox"/>	REPORT TO: <b>A. Segerlind</b>
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RELEASED BY <b>[Signature]</b>	DATE/TIME <b>9/3/25 4:52</b>	RECEIVED BY <b>[Signature]</b>	DATE/TIME <b>9/3/25 4:52</b>
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REQUESTED TAT  STANDARD  1 BUSINESS DAY  2 BUSINESS DAYS  3 BUSINESS DAYS