



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: 89000066.04
GTA ProjNo: 052521-11

Site Addr: HOLIDAY STATION #182
Sampled By: MARK STOVER/GCES
Date Rec: 5/25/2021
Time Rec: 2:18 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-3	5/25/2021		WATER
2	MW-5	5/25/2021		WATER
3	MW-6	5/25/2021		WATER
4	MW-8	5/25/2021		WATER
5	MW-13	5/25/2021		WATER
6	MW-14	5/25/2021		WATER
7	PW-3	5/25/2021		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

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: 89000066.04
LOCATION: HOLIDAY STATION #182
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-3

GTA PROJECT NO: 052521-11
GTA SAMPLE NO: 1
DATE SAMPLED: 5/25/2021
TIME SAMPLED:
DATE RECEIVED: 5/25/2021
TIME RECEIVED: 2:18 PM

SAMPLED BY: MARK STOVER/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		5/30/2021	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: 89000066.04
 LOCATION: HOLIDAY STATION #182
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-5

GTA PROJECT NO: 052521-11
 GTA SAMPLE NO: 2
 DATE SAMPLED: 5/25/2021
 TIME SAMPLED:
 DATE RECEIVED: 5/25/2021
 TIME RECEIVED: 2:18 PM

SAMPLED BY: MARK STOVER/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		5/30/2021	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: 89000066.04
LOCATION: HOLIDAY STATION #182
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-6

GTA PROJECT NO: 052521-11
GTA SAMPLE NO: 3
DATE SAMPLED: 5/25/2021
TIME SAMPLED:
DATE RECEIVED: 5/25/2021
TIME RECEIVED: 2:18 PM

SAMPLED BY: MARK STOVER/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		5/30/2021	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	1.6	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: 89000066.04
 LOCATION: HOLIDAY STATION #182
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-8

GTA PROJECT NO: 052521-11
 GTA SAMPLE NO: 4
 DATE SAMPLED: 5/25/2021
 TIME SAMPLED:
 DATE RECEIVED: 5/25/2021
 TIME RECEIVED: 2:18 PM

SAMPLED BY: MARK STOVER/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	31	1.0	ug/L (PPB)	MR		5/30/2021	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	42	1.0					
Xylene(Total)	6.7	3.0					
1,2,4-Trimethylbenzene	14	1.0					
1,3,5-Trimethylbenzene	4.5	1.0					
Methyl-t-Butyl Ether	ND	5.0					
Naphthalene	7.0	5.0					
2-Methylnaphthalene	ND	5.0					

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COMPANY: IRONWOOD OIL COMPANY
 PROJECT NO: 89000066.04
 LOCATION: HOLIDAY STATION #182

GTA PROJECT NO: 052521-11
 GTA SAMPLE NO: 5

DATE SAMPLED: 5/25/2021
 TIME SAMPLED:
 DATE RECEIVED: 5/25/2021
 TIME RECEIVED: 2:18 PM

MI

SAMPLE MATRIX: WATER
 SAMPLE ID: MW-13

SAMPLED BY: MARK STOVER/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	94	5.0	ug/L (PPB)	MR		5/30/2021	EPA 5030B
Toluene	5.8	1.0					
Ethylbenzene	120	5.0					
Xylene(Total)	36	3.0					
1,2,4-Trimethylbenzene	210	5.0					
1,3,5-Trimethylbenzene	7.7	1.0					
Methyl-t-Butyl Ether	ND	5.0					
Naphthalene	18	5.0					
2-Methylnaphthalene	ND	5.0					

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COMPANY: IRONWOOD OIL COMPANY
 PROJECT NO: 89000066.04
 LOCATION: HOLIDAY STATION #182

GTA PROJECT NO: 052521-11
 GTA SAMPLE NO: 6

DATE SAMPLED: 5/25/2021
 TIME SAMPLED:
 DATE RECEIVED: 5/25/2021
 TIME RECEIVED: 2:18 PM

MI

SAMPLE MATRIX: WATER
 SAMPLE ID: MW-14

SAMPLED BY: MARK STOVER/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	24	1.0	ug/L (PPB)	MR		5/30/2021	EPA 5030B
Toluene	2.2	1.0					
Ethylbenzene	10	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	8.5	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: 89000066.04
 LOCATION: HOLIDAY STATION #182
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: PW-3

GTA PROJECT NO: 052521-11
 GTA SAMPLE NO: 7
 DATE SAMPLED: 5/25/2021
 TIME SAMPLED:
 DATE RECEIVED: 5/25/2021
 TIME RECEIVED: 2:18 PM

SAMPLED BY: MARK STOVER/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	62	1.0	ug/L (PPB)	MR		5/30/2021	EPA 5030B
Toluene	2.9	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	5.8	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 <i>89000066.04</i>	SITE NAME/ADDRESS <i>HOLIDAY STATION #182</i>	COMPANY/NAME <i>IRONWOOD OIL CO.</i>
SAMPLED BY <i>MARK STOVER</i>	COMPANY <i>G.C.E.S.</i>	GTA PROJECT # <i>05252(1-1)</i>

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	<i>MW-3</i>	<i>5-25-21</i>		<i>GW</i>	<i>BTEX, MTBE, 1,2,4 TMB,</i>
2	<i>MW-5</i>	<i>↓</i>		<i>↓</i>	<i>1,3,5 TMB, NAPHTHALENE,</i>
3	<i>MW-6</i>		<i>2-METHYLNAPHTHALENE</i>		
4	<i>MW-8</i>				
5	<i>MW-13</i>				
6	<i>MW-14</i>				
7	<i>PW-3</i>				

BILL TO:
IRONWOOD OIL CO.

REPORT TO:
ADAM SEGERLIND

RELEASED BY	DATE/TIME	RECEIVED BY	DATE/TIME
<i>[Signature]</i>	<i>5-25-21</i>	<i>[Signature]</i>	<i>5/25/21 2:18</i>
			<i>rec 4:00</i>
			<i>Orice</i>

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