

**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

Company: LAMBDA ENERGY RESOURCES, LLC
Name:
ClientProj: 20-127
GTA ProjNo: 091324-8

Site Addr: CHARLTON 12

Sampled By: AP/WPM - OMPC
Date Rec: 9/13/2024
Time Rec: 9:00 AM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-1	9/12/2024	1:30 PM	WATER
2	MW-4	9/12/2024	2:55 PM	WATER
3	MW-6	9/12/2024	2:30 PM	WATER
4	MW-7S	9/12/2024	1:25 PM	WATER
5	MW-7D	9/12/2024	12:25 PM	WATER
6	MW-9	9/12/2024	11:45 AM	WATER
7	MW-10	9/12/2024	3:30 PM	WATER
8	MW-11	9/12/2024	12:40 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: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 20-127
LOCATION: CHARLTON 12
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-1

GTA PROJECT NO: 091324-8
GTA SAMPLE NO: 1
DATE SAMPLED: 9/12/2024
TIME SAMPLED: 1:30 PM
DATE RECEIVED: 9/13/2024
TIME RECEIVED: 9:00 AM
SAMPLED BY: AP/WPM - OMPC

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		9/14/2024	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					
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:	LAMBDA ENERGY RESOURCES, LLC	GTA PROJECT NO:	091324-8
PROJECT NO:	20-127	GTA SAMPLE NO:	2
LOCATION:	CHARLTON 12	DATE SAMPLED:	9/12/2024
		TIME SAMPLED:	2:55 PM
		DATE RECEIVED:	9/13/2024
	MI	TIME RECEIVED:	9:00 AM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-4	SAMPLED BY:	AP/WPM - OMPC

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		9/14/2024	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					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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COMPANY:	LAMBDA ENERGY RESOURCES, LLC	GTA PROJECT NO:	091324-8
PROJECT NO:	20-127	GTA SAMPLE NO:	3
LOCATION:	CHARLTON 12	DATE SAMPLED:	9/12/2024
		TIME SAMPLED:	2:30 PM
		DATE RECEIVED:	9/13/2024
	MI	TIME RECEIVED:	9:00 AM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-6	SAMPLED BY:	AP/WPM - OMPC

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		9/14/2024	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					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 20-127
LOCATION: CHARLTON 12
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-7S

GTA PROJECT NO: 091324-8
GTA SAMPLE NO: 4
DATE SAMPLED: 9/12/2024
TIME SAMPLED: 1:25 PM
DATE RECEIVED: 9/13/2024
TIME RECEIVED: 9:00 AM
SAMPLED BY: AP/WPM - OMPC

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		9/14/2024	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					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 20-127
LOCATION: CHARLTON 12
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-7D

GTA PROJECT NO: 091324-8
GTA SAMPLE NO: 5
DATE SAMPLED: 9/12/2024
TIME SAMPLED: 12:25 PM
DATE RECEIVED: 9/13/2024
TIME RECEIVED: 9:00 AM
SAMPLED BY: AP/WPM - OMPC

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		9/14/2024	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					
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: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 20-127
LOCATION: CHARLTON 12
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-9

GTA PROJECT NO: 091324-8
GTA SAMPLE NO: 6
DATE SAMPLED: 9/12/2024
TIME SAMPLED: 11:45 AM
DATE RECEIVED: 9/13/2024
TIME RECEIVED: 9:00 AM
SAMPLED BY: AP/WPM - OMPC

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		9/14/2024	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					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 20-127
LOCATION: CHARLTON 12
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-10

GTA PROJECT NO: 091324-8
GTA SAMPLE NO: 7
DATE SAMPLED: 9/12/2024
TIME SAMPLED: 3:30 PM
DATE RECEIVED: 9/13/2024
TIME RECEIVED: 9:00 AM
SAMPLED BY: AP/WPM - OMPC

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		9/14/2024	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					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 20-127
LOCATION: CHARLTON 12
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-11

GTA PROJECT NO: 091324-8
GTA SAMPLE NO: 8
DATE SAMPLED: 9/12/2024
TIME SAMPLED: 12:40 PM
DATE RECEIVED: 9/13/2024
TIME RECEIVED: 9:00 AM
SAMPLED BY: AP/WPM - OMPC

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	1.1	1.0	ug/L (PPB)	MR		9/14/2024	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	200	10					
Xylene(Total)	570	30					
1,2,4-Trimethylbenzene	230	10					
1,3,5-Trimethylbenzene	73	10					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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LOD = LIMIT OF DETECTION

CHAIN OF CUSTODY

PROJECT NUMBER 20-127	SITE NAME/ADDRESS Charlton 12	COMPANY/NAME Lambda
SAMPLED BY AP/WPM	COMPANY OMPC	GTA PROJECT # 091324-8

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	MW-1	9/12/24	1330	H ₂ O	HIPs
2	MW-4	↓	1455	↓	↓
3	MW-6		1430		
4	MW-7s		1325		
5	MW-7a		1225		
6	MW-9		1145		
7	MW-10		1530		
8	MW-11		1240		

BILL TO:	TempRec: ☐ 1.0°C	On Ice? ☒ Y ☐ N	REPORT TO: Don Barton
RELEASED BY [Signature]	DATE/TIME 9/13/24 9:00	RECEIVED BY [Signature]	DATE/TIME 9-13-24 9:00A
REQUESTED TAT ☒ STANDARD ☐ 1 BUSINESS DAY ☐ 2 BUSINESS DAYS ☐ 3 BUSINESS DAYS			