



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 Site Addr: BEAR LAKE 32 CPF
Name:
ClientProj: 2018100137
GTA ProjNo: 072224-10

Sampled By: JFR/GCES
Date Rec: 7/22/2024
Time Rec: 4:10 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-31	7/22/2024	1:15 PM	WATER
2	MW-30	7/22/2024	1:25 PM	WATER
3	MW-29	7/22/2024	1:35 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
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kirk@gtanalytical.com

COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100137
LOCATION: BEAR LAKE 32 CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-31

GTA PROJECT NO: 072224-10
GTA SAMPLE NO: 1
DATE SAMPLED: 7/22/2024
TIME SAMPLED: 1:15 PM
DATE RECEIVED: 7/22/2024
TIME RECEIVED: 4:10 PM

SAMPLED BY: JFR/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	2.1	1.0	ug/L (PPB)	MR		7/23/2024	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: 2018100137
 LOCATION: BEAR LAKE 32 CPF
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-30

GTA PROJECT NO: 072224-10
 GTA SAMPLE NO: 2
 DATE SAMPLED: 7/22/2024
 TIME SAMPLED: 1:25 PM
 DATE RECEIVED: 7/22/2024
 TIME RECEIVED: 4:10 PM

SAMPLED BY: JFR/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	8.2	1.0	ug/L (PPB)	MR		7/23/2024	EPA 5030B
Toluene	2.7	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: 2018100137
 LOCATION: BEAR LAKE 32 CPF
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-29

GTA PROJECT NO: 072224-10
 GTA SAMPLE NO: 3
 DATE SAMPLED: 7/22/2024
 TIME SAMPLED: 1:35 PM
 DATE RECEIVED: 7/22/2024
 TIME RECEIVED: 4:10 PM

SAMPLED BY: JFR/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	2,400	20	ug/L (PPB)	MR		7/23/2024	EPA 5030B
Toluene	540	20					
Ethylbenzene	1.3	1.0					
Xylene(Total)	8.1	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: 2018100137
 LOCATION: BEAR LAKE 32 CPF
 MI
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GTA PROJECT NO: 072224-10
 GTA SAMPLE NO: 1
 DATE SAMPLED: 7/22/2024
 TIME SAMPLED: 1:15 PM
 DATE RECEIVED: 7/22/2024
 TIME RECEIVED: 4:10 PM

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
SAMPLE ID: MW-31	CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	KC/TR	7/25/2024	WATER

ND = NOT DETECTED, RESULT < LOD
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 s.u. = STANDARD pH UNITS REPORTED AT 25 C



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SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
SAMPLE ID: MW-30							
CHLORIDE EPA 300.0		ND	10	mg/L (PPM)	KC/TR	7/25/2024	WATER

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SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
SAMPLE ID: MW-29	CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	KC/TR	7/25/2024	WATER

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s.u. = STANDARD pH UNITS REPORTED AT 25 C

