

**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: 20-122

GTA ProjNo: 082621-7

Site Addr: KALKASKA 5

Sampled By: MATTHEW SCOTT/OMPC

Date Rec: 8/26/2021

Time Rec: 3:40 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-21DR	8/26/2021		WATER
2	MW-7D	8/26/2021		WATER
3	MW-26D	8/26/2021		WATER
4	MW-35D	8/26/2021		WATER
5	MW-34D	8/26/2021		WATER
6	MW-23D	8/26/2021		WATER
7	RW-3	8/26/2021		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
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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 20-122
LOCATION: KALKASKA 5
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-7D

GTA PROJECT NO: 082621-7
GTA SAMPLE NO: 2
DATE SAMPLED: 8/26/2021
TIME SAMPLED:
DATE RECEIVED: 8/26/2021
TIME RECEIVED: 3:40 PM
SAMPLED BY: MATTHEW SCOTT/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 Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		8/27/2021	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					
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: 20-122
LOCATION: KALKASKA 5
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-35D

GTA PROJECT NO: 082621-7
GTA SAMPLE NO: 4
DATE SAMPLED: 8/26/2021
TIME SAMPLED:
DATE RECEIVED: 8/26/2021
TIME RECEIVED: 3:40 PM
SAMPLED BY: MATTHEW SCOTT/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 Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		8/27/2021	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					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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PROJECT NO: 20-122
LOCATION: KALKASKA 5
MI
SAMPLED BY: MATTHEW SCOTT/OMPC

GTA PROJECT NO: 082621-7
GTA SAMPLE NO: 1
DATE SAMPLED: 8/26/2021
TIME SAMPLED:
DATE RECEIVED: 8/26/2021
TIME RECEIVED: 3:40 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</u>
	SAMPLE ID: MW-21DR CHLORIDE EPA 300.0	18	10	mg/L (PPM)	LV	9/3/2021	WATER

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 20-122
LOCATION: KALKASKA 5
MI
SAMPLED BY: MATTHEW SCOTT/OMPC

GTA PROJECT NO: 082621-7
GTA SAMPLE NO: 2
DATE SAMPLED: 8/26/2021
TIME SAMPLED:
DATE RECEIVED: 8/26/2021
TIME RECEIVED: 3:40 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</u>
	SAMPLE ID: MW-7D CHLORIDE EPA 300.0	17	10	mg/L (PPM)	LV	9/3/2021	WATER

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 20-122
LOCATION: KALKASKA 5
MI
SAMPLED BY: MATTHEW SCOTT/OMPC

GTA PROJECT NO: 082621-7
GTA SAMPLE NO: 3
DATE SAMPLED: 8/26/2021
TIME SAMPLED:
DATE RECEIVED: 8/26/2021
TIME RECEIVED: 3:40 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</u>
	SAMPLE ID: MW-26D						
	CHLORIDE EPA 300.0	48	10	mg/L (PPM)	LV	9/3/2021	WATER

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COMPANY: LAMBDA ENERGY RESOURCES, LLC

PROJECT NO: 20-122

LOCATION: KALKASKA 5

GTA PROJECT NO: 082621-7

GTA SAMPLE NO: 4

DATE SAMPLED: 8/26/2021

TIME SAMPLED:

DATE RECEIVED: 8/26/2021

TIME RECEIVED: 3:40 PM

SAMPLED BY: MI
MATTHEW SCOTT/OMPC

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</u>
	SAMPLE ID: MW-35D						
	CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	LV	9/3/2021	WATER

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COMPANY: LAMBDA ENERGY RESOURCES, LLC

PROJECT NO: 20-122

LOCATION: KALKASKA 5

GTA PROJECT NO: 082621-7

GTA SAMPLE NO: 5

DATE SAMPLED: 8/26/2021

TIME SAMPLED:

DATE RECEIVED: 8/26/2021

TIME RECEIVED: 3:40 PM

MI

SAMPLED BY: MATTHEW SCOTT/OMPC

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-34D

CHLORIDE EPA 300.0

Concentration

14

LOD

10

Units

mg/L (PPM)

Analyst

LV

Date Completed

9/3/2021

Sample

WATER

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 20-122
LOCATION: KALKASKA 5
MI
SAMPLED BY: MATTHEW SCOTT/OMPC

GTA PROJECT NO: 082621-7
GTA SAMPLE NO: 6
DATE SAMPLED: 8/26/2021
TIME SAMPLED:
DATE RECEIVED: 8/26/2021
TIME RECEIVED: 3:40 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</u>
	SAMPLE ID: MW-23D						
	CHLORIDE EPA 300.0	880	50	mg/L (PPM)	LV	9/3/2021	WATER

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LOCATION: KALKASKA 5
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SAMPLED BY: MATTHEW SCOTT/OMPC

GTA PROJECT NO: 082621-7
GTA SAMPLE NO: 7
DATE SAMPLED: 8/26/2021
TIME SAMPLED:
DATE RECEIVED: 8/26/2021
TIME RECEIVED: 3:40 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</u>
	SAMPLE ID: RW-3						
	CHLORIDE EPA 300.0	92	10	mg/L (PPM)	LV	9/3/2021	WATER

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LOD = LIMIT OF DETECTION
s.u. = STANDARD pH UNITS REPORTED AT 25 C

