



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: 250156
GTA ProjNo: 042425-1

Site Addr: ST. FOREST 1-14

Sampled By: PETE KALLIOINEN/GCES
Date Rec: 4/24/2025
Time Rec: 9:38 AM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	UIC	4/23/2025	2:53 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	GTA PROJECT NO:	042425-1
PROJECT NO:	250156	GTA SAMPLE NO:	1
LOCATION:	ST. FOREST 1-14	DATE SAMPLED:	4/23/2025
		TIME SAMPLED:	2:53 PM
		DATE RECEIVED:	4/24/2025
		TIME RECEIVED:	9:38 AM
SAMPLED BY:	MI PETE KALLIOINEN/GCES	SAMPLE MATRIX:	WATER
SAMPLE ID:	UIC		

METALS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Digestion Method</u>
BARIUM DISS EPA 6020A	2.6	1.0	mg/L (PPM)	MR	4/24/2025	EPA 3005A
CALCIUM DISS EPA 6020A	8,200	10	mg/L (PPM)	MR	4/24/2025	EPA 3005A
IRON TOTAL EPA 6020A	21	10	mg/L (PPM)	MR	4/24/2025	EPA 3020A
MAGNESIUM DISS EPA 6020A	1,800	10	mg/L (PPM)	MR	4/24/2025	EPA 3005A
POTASSIUM DISS EPA 6020A	500	10	mg/L (PPM)	MR	4/24/2025	EPA 3005A
SODIUM DISS EPA 6020A	2,900	10	mg/L (PPM)	MR	4/24/2025	EPA 3005A

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

DISS = DISSOLVED



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SAMPLE ID:	UIC	SAMPLE MATRIX:	WATER

SAMPLE ANALYSIS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>
ALKALINITY SM 4500CO2D (BICARBONATE)	ND	10	mg/L (PPM)	TR	4/24/2025
ALKALINITY SM 4500CO2D (CARBONATE)	22	10	mg/L (PPM)	TR	4/24/2025
CHLORIDE EPA 300.0	11,000	500	mg/L (PPM)	KC	4/25/2025
CONDUCTIVITY SM2510-B	58,000	5.0	uS/cm@25C	TR	4/25/2025
pH EPA 150.1 - LAB	6.9	0.10	mg/L (PPM)	TR	4/24/2025
RESISTIVITY SM 2510A	17	-	ohms x cm	TR	4/24/2025
SPECIFIC GRAVITY SM 2710F	1.03	-	-	TR	4/24/2025
SULFATE EPA 9038	ND	80	mg/L (PPM)	KC/TR	4/25/2025
SULFIDE SM 4500S D	ND	1.0	mg/L (PPM)	TR	4/24/2025
TOTAL DISSOLVED SOLIDS EPA 160.1	60,000	5.0	mg/L (PPM)	TR	4/25/2025

ND = NOT DETECTED, RESULT < LOD
 LOD = LIMIT OF DETECTION
 s.u. = STANDARD pH UNITS REPORTED AT 25 C
 DISS = DISSOLVED

