



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:

Site Addr: JOHNSON HILLIARD 7-26

GTA ProjNo: 022125-7

Sampled By: N. SUMMERLAND/LER
Date Rec: 2/21/2025
Time Rec: 4:00 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-17I	2/21/2025	12:41 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
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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO:
LOCATION: JOHNSON HILLIARD 7-26
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-171
GTA PROJECT NO: 022125-7
GTA SAMPLE NO: 1
DATE SAMPLED: 2/21/2025
TIME SAMPLED: 12:41 PM
DATE RECEIVED: 2/21/2025
TIME RECEIVED: 4:00 PM
SAMPLED BY: N. SUMMERLAND/LER

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		2/24/2025	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.
ND = NOT DETECTED, RESULT < LOD
LOD = LIMIT OF DETECTION

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SAMPLED BY: MI

SAMPLE MATRIX: WATER

N. SUMMERLAND/LER

SAMPLE ID: MW-17I

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	ND	0.010	mg/L (PPM)	MR	3/11/2025	EPA 3005A
CALCIUM DISS EPA 6020A	44	5.0	mg/L (PPM)	MR	3/11/2025	EPA 3005A
IRON TOTAL EPA 6020A	ND	5.0	mg/L (PPM)	MR	3/11/2025	EPA 3020A
MAGNESIUM DISS EPA 6020A	12	5.0	mg/L (PPM)	MR	3/11/2025	EPA 3005A
POTASSIUM DISS EPA 6020A	ND	5.0	mg/L (PPM)	MR	3/11/2025	EPA 3005A
SODIUM DISS EPA 6020A	ND	5.0	mg/L (PPM)	MR	3/11/2025	EPA 3005A

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

DISS = DISSOLVED

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DATE SAMPLED: 2/21/2025

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SAMPLE MATRIX: WATER

SAMPLE ID: MW-17I

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)	260	10	mg/L (PPM)	TR	2/28/2025
ALKALINITY SM 4500CO2D (CARBONATE)	ND	10	mg/L (PPM)	TR	2/28/2025
CHLORIDE EPA 300.0	16	10	mg/L (PPM)	KC/TR	2/28/2025
CONDUCTIVITY SM2510-B	490	1.0	uS/cm@25C	TR	2/26/2025
pH EPA 150.1 - LAB	8.1	0.10	s.u.	TR	2/28/2025
RESISTIVITY SM 2510A	2,000	-	ohms x cm	TR	2/26/2025
SPECIFIC GRAVITY SM 2710F	1.01	-	-	TR	2/28/2025
SULFATE EPA 300.0	ND	10	mg/L (PPM)	KC/TR	2/28/2025
SULFIDE SM 4500S D	ND	1.0	mg/L (PPM)	TR	2/22/2025
TOTAL DISSOLVED SOLIDS EPA 160.1	320	5.0	mg/L (PPM)	TR	3/5/2025

ND = NOT DETECTED, RESULT < LOD

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

DISS = DISSOLVED

