



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: 20-121
GTA ProjNo: 061625-10

Site Addr: KALKASKA 26 "G"

Sampled By: MR/JH - OMPC
Date Rec: 6/16/2025
Time Rec: 4:35 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-2	6/16/2025	1:20 PM	WATER
2	MW-15	6/16/2025	2:12 PM	WATER
3	MW-4	6/16/2025	1:35 PM	WATER
4	MW-6	6/16/2025	2:10 PM	WATER
5	MW-7	6/16/2025	1:10 PM	WATER
6	MW-8	6/16/2025	1:55 PM	WATER
7	MW-8D	6/16/2025	1:35 PM	WATER
8	MW-11	6/16/2025	1:52 PM	WATER
9	MW-12	6/16/2025	2:25 PM	WATER
10	MW-13	6/16/2025	2:30 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
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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 20-121
LOCATION: KALKASKA 26 "G"
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-2

GTA PROJECT NO: 061625-10
GTA SAMPLE NO: 1
DATE SAMPLED: 6/16/2025
TIME SAMPLED: 1:20 PM
DATE RECEIVED: 6/16/2025
TIME RECEIVED: 4:35 PM
SAMPLED BY: MR/JH - 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	ND	1.0	ug/L (PPB)	MR		6/17/2025	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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COMPANY: LAMBDA ENERGY RESOURCES, LLC
 PROJECT NO: 20-121
 LOCATION: KALKASKA 26 "G"

GTA PROJECT NO: 061625-10
 GTA SAMPLE NO: 1
 DATE SAMPLED: 6/16/2025
 TIME SAMPLED: 1:20 PM
 DATE RECEIVED: 6/16/2025
 TIME RECEIVED: 4:35 PM

MI
 SAMPLED BY: MR/JH - 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 Matrix</u>
SAMPLE ID: MW-2	ND	10	mg/L (PPM)	KC/TR	6/24/2025	WATER
CHLORIDE EPA 300.0						
CONDUCTIVITY SM2510-B	340	1.0	uS/cm@25C	TR	6/23/2025	WATER

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



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COMPANY: LAMBDA ENERGY RESOURCES, LLC
 PROJECT NO: 20-121
 LOCATION: KALKASKA 26 "G"
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-15

GTA PROJECT NO: 061625-10
 GTA SAMPLE NO: 2
 DATE SAMPLED: 6/16/2025
 TIME SAMPLED: 2:12 PM
 DATE RECEIVED: 6/16/2025
 TIME RECEIVED: 4:35 PM

SAMPLED BY: MR/JH - 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	ND	1.0	ug/L (PPB)	MR		6/17/2025	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: 20-121
LOCATION: KALKASKA 26 "G"
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-4

GTA PROJECT NO: 061625-10
GTA SAMPLE NO: 3
DATE SAMPLED: 6/16/2025
TIME SAMPLED: 1:35 PM
DATE RECEIVED: 6/16/2025
TIME RECEIVED: 4:35 PM
SAMPLED BY: MR/JH - 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	ND	1.0	ug/L (PPB)	MR		6/17/2025	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
 PROJECT NO: 20-121
 LOCATION: KALKASKA 26 "G"
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-6

GTA PROJECT NO: 061625-10
 GTA SAMPLE NO: 4
 DATE SAMPLED: 6/16/2025
 TIME SAMPLED: 2:10 PM
 DATE RECEIVED: 6/16/2025
 TIME RECEIVED: 4:35 PM

SAMPLED BY: MR/JH - 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	ND	1.0	ug/L (PPB)	MR		6/17/2025	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
 PROJECT NO: 20-121
 LOCATION: KALKASKA 26 "G"
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-7

GTA PROJECT NO: 061625-10
 GTA SAMPLE NO: 5
 DATE SAMPLED: 6/16/2025
 TIME SAMPLED: 1:10 PM
 DATE RECEIVED: 6/16/2025
 TIME RECEIVED: 4:35 PM

SAMPLED BY: MR/JH - 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	ND	1.0	ug/L (PPB)	MR		6/17/2025	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	1.4	1.0					
Xylene(Total)	17	3.0					

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
 PROJECT NO: 20-121
 LOCATION: KALKASKA 26 "G"
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-8

GTA PROJECT NO: 061625-10
 GTA SAMPLE NO: 6
 DATE SAMPLED: 6/16/2025
 TIME SAMPLED: 1:55 PM
 DATE RECEIVED: 6/16/2025
 TIME RECEIVED: 4:35 PM

SAMPLED BY: MR/JH - 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	ND	1.0	ug/L (PPB)	MR		6/17/2025	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.
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COMPANY: LAMBDA ENERGY RESOURCES, LLC
 PROJECT NO: 20-121
 LOCATION: KALKASKA 26 "G"
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-8D

GTA PROJECT NO: 061625-10
 GTA SAMPLE NO: 7
 DATE SAMPLED: 6/16/2025
 TIME SAMPLED: 1:35 PM
 DATE RECEIVED: 6/16/2025
 TIME RECEIVED: 4:35 PM

SAMPLED BY: MR/JH - 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	ND	1.0	ug/L (PPB)	MR		6/17/2025	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
 PROJECT NO: 20-121
 LOCATION: KALKASKA 26 "G"
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-11

GTA PROJECT NO: 061625-10
 GTA SAMPLE NO: 8
 DATE SAMPLED: 6/16/2025
 TIME SAMPLED: 1:52 PM
 DATE RECEIVED: 6/16/2025
 TIME RECEIVED: 4:35 PM

SAMPLED BY: MR/JH - 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	ND	1.0	ug/L (PPB)	MR		6/17/2025	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
 PROJECT NO: 20-121
 LOCATION: KALKASKA 26 "G"
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-12

GTA PROJECT NO: 061625-10
 GTA SAMPLE NO: 9
 DATE SAMPLED: 6/16/2025
 TIME SAMPLED: 2:25 PM
 DATE RECEIVED: 6/16/2025
 TIME RECEIVED: 4:35 PM

SAMPLED BY: MR/JH - 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		6/17/2025	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	5.7	1.0					
Xylene(Total)	410	3.0					
1,2,4-Trimethylbenzene	160	1.0					
1,3,5-Trimethylbenzene	31	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
 PROJECT NO: 20-121
 LOCATION: KALKASKA 26 "G"
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-13

GTA PROJECT NO: 061625-10
 GTA SAMPLE NO: 10
 DATE SAMPLED: 6/16/2025
 TIME SAMPLED: 2:30 PM
 DATE RECEIVED: 6/16/2025
 TIME RECEIVED: 4:35 PM

SAMPLED BY: MR/JH - 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		6/17/2025	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	4.6	1.0					
Xylene(Total)	170	3.0					
1,2,4-Trimethylbenzene	120	1.0					
1,3,5-Trimethylbenzene	25	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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 LOD = LIMIT OF DETECTION

CHAIN OF CUSTODY

PROJECT NUMBER 20-121	SITE NAME/ADDRESS Lambda Kalkaska 26 "G"	COMPANY/NAME LAMBDA
SAMPLED BY Martin Ross + Jacob Holcomb	COMPANY Otwell Mumby P.C.	GTA PROJECT # 061625-10

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	MW-2	6/16	13:20	H ₂ O	BTEX, Chloride, Conductivity
2	MW-15		14:12		BTEX, HTP's
3	MW-4		13:33		BTEX,
4	MW-6		14:10		↓
5	MW-7		13:10		
6	MW-8		13:33		
7	MW-8D		13:33		
8	MW-11		13:32		
9	MW-12		14:23		
10	MW-13		14:30		

BILL TO: Otwell Mumby P.C.	TempRec: <input type="checkbox"/> 3.1°C	On Ice? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	REPORT TO: Dun Barton dbarton@otwellmumby.com
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RELEASED BY JACOB HOLCOMB J.H.	DATE/TIME 6/16/25 4:33	RECEIVED BY J. Alpers	DATE/TIME 6/16/25 4:35
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REQUESTED TAT STANDARD 1 BUSINESS DAY 2 BUSINESS DAYS 3 BUSINESS DAYS