



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: 042525-17

Site Addr: FORREST 1-14

Sampled By: DJT/GCES

Date Rec: 4/25/2025
Time Rec: 3:25 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	GS-7	4/25/2025	11:20 AM	WATER
2	GS-6	4/25/2025	11:30 AM	WATER
3	GS-5	4/25/2025	11:40 AM	WATER
4	GS-4	4/25/2025	11:50 AM	WATER
5	GS-3	4/25/2025	12:00 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

COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 250156
LOCATION: FORREST 1-14
MI
SAMPLE MATRIX: WATER
SAMPLE ID: GS-7

GTA PROJECT NO: 042525-17
GTA SAMPLE NO: 1
DATE SAMPLED: 4/25/2025
TIME SAMPLED: 11:20 AM
DATE RECEIVED: 4/25/2025
TIME RECEIVED: 3:25 PM
SAMPLED BY: DJT/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	ND	1.0	ug/L (PPB)	MR		4/27/2025	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					

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

COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 250156
LOCATION: FORREST 1-14
MI
SAMPLE MATRIX: WATER
SAMPLE ID: GS-6

GTA PROJECT NO: 042525-17
GTA SAMPLE NO: 2
DATE SAMPLED: 4/25/2025
TIME SAMPLED: 11:30 AM
DATE RECEIVED: 4/25/2025
TIME RECEIVED: 3:25 PM

SAMPLED BY: DJT/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	ND	1.0	ug/L (PPB)	MR		4/27/2025	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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LOD = LIMIT OF DETECTION

COMPANY: LAMBDA ENERGY RESOURCES, LLC
 PROJECT NO: 250156
 LOCATION: FORREST 1-14
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: GS-5

GTA PROJECT NO: 042525-17
 GTA SAMPLE NO: 3
 DATE SAMPLED: 4/25/2025
 TIME SAMPLED: 11:40 AM
 DATE RECEIVED: 4/25/2025
 TIME RECEIVED: 3:25 PM

SAMPLED BY: DJT/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	ND	1.0	ug/L (PPB)	MR		4/27/2025	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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 LOD = LIMIT OF DETECTION

COMPANY: LAMBDA ENERGY RESOURCES, LLC
 PROJECT NO: 250156
 LOCATION: FORREST 1-14
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: GS-4

GTA PROJECT NO: 042525-17
 GTA SAMPLE NO: 4
 DATE SAMPLED: 4/25/2025
 TIME SAMPLED: 11:50 AM
 DATE RECEIVED: 4/25/2025
 TIME RECEIVED: 3:25 PM

SAMPLED BY: DJT/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	ND	1.0	ug/L (PPB)	MR		4/27/2025	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					

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

COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 250156
LOCATION: FORREST 1-14
MI
SAMPLE MATRIX: WATER
SAMPLE ID: GS-3

GTA PROJECT NO: 042525-17
GTA SAMPLE NO: 5
DATE SAMPLED: 4/25/2025
TIME SAMPLED: 12:00 PM
DATE RECEIVED: 4/25/2025
TIME RECEIVED: 3:25 PM

SAMPLED BY: DJT/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	ND	1.0	ug/L (PPB)	MR		4/27/2025	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					

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

COMPANY: LAMBDA ENERGY RESOURCES, LLC
 PROJECT NO: 250156
 LOCATION: FORREST 1-14

GTA PROJECT NO: 042525-17
 GTA SAMPLE NO: 1
 DATE SAMPLED: 4/25/2025
 TIME SAMPLED: 11:20 AM
 DATE RECEIVED: 4/25/2025
 TIME RECEIVED: 3:25 PM

SAMPLED BY: MI
 DJT/GCES

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: GS-7 CHLORIDE EPA 300.0	13	10	mg/L (PPM)	KC	4/27/2025	WATER

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

COMPANY: LAMBDA ENERGY RESOURCES, LLC
 PROJECT NO: 250156
 LOCATION: FORREST 1-14

GTA PROJECT NO: 042525-17
 GTA SAMPLE NO: 3

DATE SAMPLED: 4/25/2025
 TIME SAMPLED: 11:40 AM
 DATE RECEIVED: 4/25/2025
 TIME RECEIVED: 3:25 PM

SAMPLED BY: MI
 DJT/GCES

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: GS-5 CHLORIDE EPA 300.0	3,300	100	mg/L (PPM)	KC	4/26/2025	WATER

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

COMPANY: LAMBDA ENERGY RESOURCES, LLC
 PROJECT NO: 250156
 LOCATION: FORREST 1-14
 MI
 SAMPLED BY: DJT/GCES

GTA PROJECT NO: 042525-17
 GTA SAMPLE NO: 4
 DATE SAMPLED: 4/25/2025
 TIME SAMPLED: 11:50 AM
 DATE RECEIVED: 4/25/2025
 TIME RECEIVED: 3:25 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: GS-4 CHLORIDE EPA 300.0	3,100	100	mg/L (PPM)	KC	4/26/2025	WATER

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

COMPANY: LAMBDA ENERGY RESOURCES, LLC
 PROJECT NO: 250156
 LOCATION: FORREST 1-14

GTA PROJECT NO: 042525-17
 GTA SAMPLE NO: 5
 DATE SAMPLED: 4/25/2025
 TIME SAMPLED: 12:00 PM
 DATE RECEIVED: 4/25/2025
 TIME RECEIVED: 3:25 PM

SAMPLED BY: MI
 DJT/GCES

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: GS-3 CHLORIDE EPA 300.0	2,800	100	mg/L (PPM)	KC	4/27/2025	WATER

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

