



**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

[www.gtanalytical.com](http://www.gtanalytical.com)

Company: LAMBDA ENERGY RESOURCES, LLC  
Name:  
ClientProj: 250156.01  
GTA ProjNo: 051625-5

Site Addr: ST. FOREST 1-14

Sampled By: PETE KALLIOINEN/GCES  
Date Rec: 5/16/2025  
Time Rec: 12:50 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-10	5/15/2025	3:36 PM	WATER
2	MW-10S	5/15/2025	3:44 PM	WATER
3	MW-11	5/15/2025	4:00 PM	WATER
4	GS-14	5/15/2025	4:14 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  
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COMPANY: LAMBDA ENERGY RESOURCES, LLC  
 PROJECT NO: 250156.01  
 LOCATION: ST. FOREST 1-14  
 MI  
 SAMPLE MATRIX: WATER  
 SAMPLE ID: MW-10

GTA PROJECT NO: 051625-5  
 GTA SAMPLE NO: 1  
 DATE SAMPLED: 5/15/2025  
 TIME SAMPLED: 3:36 PM  
 DATE RECEIVED: 5/16/2025  
 TIME RECEIVED: 12:50 PM

SAMPLED BY: PETE KALLIOINEN/GCES

**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		5/16/2025	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



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COMPANY: LAMBDA ENERGY RESOURCES, LLC  
 PROJECT NO: 250156.01  
 LOCATION: ST. FOREST 1-14  
 MI  
 SAMPLE MATRIX: WATER  
 SAMPLE ID: MW-10S

GTA PROJECT NO: 051625-5  
 GTA SAMPLE NO: 2  
 DATE SAMPLED: 5/15/2025  
 TIME SAMPLED: 3:44 PM  
 DATE RECEIVED: 5/16/2025  
 TIME RECEIVED: 12:50 PM

SAMPLED BY: PETE KALLIOINEN/GCES

**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		5/16/2025	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.  
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COMPANY: LAMBDA ENERGY RESOURCES, LLC  
 PROJECT NO: 250156.01  
 LOCATION: ST. FOREST 1-14  
 MI  
 SAMPLE MATRIX: WATER  
 SAMPLE ID: MW-11

GTA PROJECT NO: 051625-5  
 GTA SAMPLE NO: 3  
 DATE SAMPLED: 5/15/2025  
 TIME SAMPLED: 4:00 PM  
 DATE RECEIVED: 5/16/2025  
 TIME RECEIVED: 12:50 PM

SAMPLED BY: PETE KALLIOINEN/GCES

**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		5/16/2025	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  
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COMPANY: LAMBDA ENERGY RESOURCES, LLC  
 PROJECT NO: 250156.01  
 LOCATION: ST. FOREST 1-14  
 MI  
 SAMPLE MATRIX: WATER  
 SAMPLE ID: GS-14

GTA PROJECT NO: 051625-5  
 GTA SAMPLE NO: 4  
 DATE SAMPLED: 5/15/2025  
 TIME SAMPLED: 4:14 PM  
 DATE RECEIVED: 5/16/2025  
 TIME RECEIVED: 12:50 PM

SAMPLED BY: PETE KALLIOINEN/GCES

**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		5/16/2025	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: 250156.01  
 LOCATION: ST. FOREST 1-14

GTA PROJECT NO: 051625-5  
 GTA SAMPLE NO: 1  
 DATE SAMPLED: 5/15/2025  
 TIME SAMPLED: 3:36 PM  
 DATE RECEIVED: 5/16/2025  
 TIME RECEIVED: 12:50 PM

MI  
 SAMPLED BY: PETE KALLIOINEN/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: MW-10 CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	KC/TR	5/19/2025	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: 250156.01  
 LOCATION: ST. FOREST 1-14

GTA PROJECT NO: 051625-5  
 GTA SAMPLE NO: 2  
 DATE SAMPLED: 5/15/2025  
 TIME SAMPLED: 3:44 PM  
 DATE RECEIVED: 5/16/2025  
 TIME RECEIVED: 12:50 PM

MI  
 SAMPLED BY: PETE KALLIOINEN/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: MW-10S CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	KC/TR	5/19/2025	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: 250156.01  
 LOCATION: ST. FOREST 1-14

GTA PROJECT NO: 051625-5  
 GTA SAMPLE NO: 3  
 DATE SAMPLED: 5/15/2025  
 TIME SAMPLED: 4:00 PM  
 DATE RECEIVED: 5/16/2025  
 TIME RECEIVED: 12:50 PM

MI  
 SAMPLED BY: PETE KALLIOINEN/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: MW-11	CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	KC/TR	5/19/2025	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: 250156.01  
 LOCATION: ST. FOREST 1-14

GTA PROJECT NO: 051625-5  
 GTA SAMPLE NO: 4  
 DATE SAMPLED: 5/15/2025  
 TIME SAMPLED: 4:14 PM  
 DATE RECEIVED: 5/16/2025  
 TIME RECEIVED: 12:50 PM

MI  
 SAMPLED BY: PETE KALLIOINEN/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-14 CHLORIDE EPA 300.0	1,300	50	mg/L (PPM)	KC/TR	5/19/2025	WATER

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

**CHAIN OF CUSTODY**

PROJECT NUMBER <b>250156.01</b>	SITE NAME/ADDRESS <b>St. Forest 1-14</b>	COMPANY/NAME <b>Lambda Energy Res.</b>
SAMPLED BY <b>Pete Kallioinen</b>	COMPANY <b>Gosling Czubak Eng.</b>	GTA PROJECT # <b>0516255</b>

**SAMPLE INFORMATION**

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
	MW-10	5-15-25	15:36	Water	BTEX+4, Chloride
	MW-10S	↓	15:44	↓	↓
	MW-11	↓	16:00	↓	↓
	GS-14	↓	16:14	↓	↓

<b>BILL TO:</b> Gosling Czubak ATTN: Jeff Simsa	TempRec: <input type="checkbox"/> <b>3.40C</b>	On Ice? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<b>REPORT TO:</b> Same cc: Pete K.
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<b>RELEASED BY</b> <i>[Signature]</i>	<b>DATE/TIME</b> 5-15-25 12:50	<b>RECEIVED BY</b> <i>[Signature]</i>	<b>DATE/TIME</b> 5/16/25 12:50
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REQUESTED TAT  STANDARD  1 BUSINESS DAY  2 BUSINESS DAYS  3 BUSINESS DAYS