



**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      Site Addr: FOREST 1-14 (SPILL #2)  
Name:  
ClientProj: 25069.01  
GTA ProjNo: 062725-5      Sampled By: DJT/GCES  
Date Rec: 6/27/2025  
Time Rec: 8:10 AM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	FL-1	6/26/2025		SOIL
2	FL-2	6/26/2025		SOIL
3	SW-1 (4')	6/26/2025		SOIL
4	SW-2 (5')	6/26/2025		SOIL
5	SW-3 (2')	6/26/2025		SOIL
6	SW-4 (4')	6/26/2025		SOIL
7	SW-5 (4')	6/26/2025		SOIL
8	SW-6 (2')	6/26/2025		SOIL

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: 25069.01  
 LOCATION: FOREST 1-14 (SPILL #2)  
 MI  
 SAMPLE MATRIX: SOIL  
 SAMPLE ID: FL-1

GTA PROJECT NO: 062725-5  
 GTA SAMPLE NO: 1  
 DATE SAMPLED: 6/26/2025  
 TIME SAMPLED:  
 DATE RECEIVED: 6/27/2025  
 TIME RECEIVED: 8:10 AM

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 Extracted</u>	<u>Date Completed</u>	<u>Prep Method</u>
Benzene	260	50	ug/Kg (PPB)	MR	6/26/2025	6/30/2025	EPA 5035A
Toluene	1,900	50					
Ethylbenzene	1,100	50					
Xylene(Total)	5,800	150					
1,2,4-Trimethylbenzene	4,900	50					
1,3,5-Trimethylbenzene	1,200	50					
Naphthalene	300	250					
2-Methylnaphthalene	1,700	250					

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: 25069.01  
 LOCATION: FOREST 1-14 (SPILL #2)  
 MI  
 SAMPLE MATRIX: SOIL  
 SAMPLE ID: FL-2

GTA PROJECT NO: 062725-5  
 GTA SAMPLE NO: 2  
 DATE SAMPLED: 6/26/2025  
 TIME SAMPLED:  
 DATE RECEIVED: 6/27/2025  
 TIME RECEIVED: 8:10 AM

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 Extracted</u>	<u>Date Completed</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	6/26/2025	6/30/2025	EPA 5035A
Toluene	ND	50					
Ethylbenzene	ND	50					
Xylene(Total)	750	150					
1,2,4-Trimethylbenzene	1,100	50					
1,3,5-Trimethylbenzene	360	50					
Naphthalene	ND	250					
2-Methylnaphthalene	960	250					

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COMPANY: LAMBDA ENERGY RESOURCES, LLC  
PROJECT NO: 25069.01  
LOCATION: FOREST 1-14 (SPILL #2)  
MI  
SAMPLE MATRIX: SOIL  
SAMPLE ID: SW-1 (4')

GTA PROJECT NO: 062725-5  
GTA SAMPLE NO: 3  
DATE SAMPLED: 6/26/2025  
TIME SAMPLED:  
DATE RECEIVED: 6/27/2025  
TIME RECEIVED: 8:10 AM  
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 Extracted</u>	<u>Date Completed</u>	<u>Prep Method</u>
Benzene	250	50	ug/Kg (PPB)	MR	6/26/2025	6/30/2025	EPA 5035A
Toluene	7,400	50					
Ethylbenzene	5,500	50					
Xylene(Total)	24,000	150					
1,2,4-Trimethylbenzene	17,000	50					
1,3,5-Trimethylbenzene	3,300	50					
Naphthalene	800	250					
2-Methylnaphthalene	4,000	250					

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COMPANY: LAMBDA ENERGY RESOURCES, LLC  
 PROJECT NO: 25069.01  
 LOCATION: FOREST 1-14 (SPILL #2)  
 MI  
 SAMPLE MATRIX: SOIL  
 SAMPLE ID: SW-2 (5')

GTA PROJECT NO: 062725-5  
 GTA SAMPLE NO: 4  
 DATE SAMPLED: 6/26/2025  
 TIME SAMPLED:  
 DATE RECEIVED: 6/27/2025  
 TIME RECEIVED: 8:10 AM  
 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 Extracted</u>	<u>Date Completed</u>	<u>Prep Method</u>
Benzene	4,900	50	ug/Kg (PPB)	MR	6/26/2025	6/30/2025	EPA 5035A
Toluene	49,000	50					
Ethylbenzene	22,000	50					
Xylene(Total)	100,000	150					
1,2,4-Trimethylbenzene	78,000	50					
1,3,5-Trimethylbenzene	19,000	50					
Naphthalene	3,200	250					
2-Methylnaphthalene	16,000	250					

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COMPANY: LAMBDA ENERGY RESOURCES, LLC  
 PROJECT NO: 25069.01  
 LOCATION: FOREST 1-14 (SPILL #2)  
 MI  
 SAMPLE MATRIX: SOIL  
 SAMPLE ID: SW-3 (2')

GTA PROJECT NO: 062725-5  
 GTA SAMPLE NO: 5  
 DATE SAMPLED: 6/26/2025  
 TIME SAMPLED:  
 DATE RECEIVED: 6/27/2025  
 TIME RECEIVED: 8:10 AM  
 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 Extracted</u>	<u>Date Completed</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	6/26/2025	6/30/2025	EPA 5035A
Toluene	ND	50					
Ethylbenzene	ND	50					
Xylene(Total)	ND	150					
1,2,4-Trimethylbenzene	ND	50					
1,3,5-Trimethylbenzene	ND	50					
Naphthalene	ND	250					
2-Methylnaphthalene	ND	250					

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 PROJECT NO: 25069.01  
 LOCATION: FOREST 1-14 (SPILL #2)  
 MI  
 SAMPLE MATRIX: SOIL  
 SAMPLE ID: SW-4 (4')

GTA PROJECT NO: 062725-5  
 GTA SAMPLE NO: 6  
 DATE SAMPLED: 6/26/2025  
 TIME SAMPLED:  
 DATE RECEIVED: 6/27/2025  
 TIME RECEIVED: 8:10 AM  
 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 Extracted</u>	<u>Date Completed</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	6/26/2025	7/1/2025	EPA 5035A
Toluene	ND	50					
Ethylbenzene	ND	50					
Xylene(Total)	ND	150					
1,2,4-Trimethylbenzene	220	50					
1,3,5-Trimethylbenzene	900	50					
Naphthalene	ND	250					
2-Methylnaphthalene	350	250					

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COMPANY: LAMBDA ENERGY RESOURCES, LLC  
 PROJECT NO: 25069.01  
 LOCATION: FOREST 1-14 (SPILL #2)  
 MI  
 SAMPLE MATRIX: SOIL  
 SAMPLE ID: SW-5 (4')

GTA PROJECT NO: 062725-5  
 GTA SAMPLE NO: 7  
 DATE SAMPLED: 6/26/2025  
 TIME SAMPLED:  
 DATE RECEIVED: 6/27/2025  
 TIME RECEIVED: 8:10 AM  
 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 Extracted</u>	<u>Date Completed</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	6/26/2025	6/30/2025	EPA 5035A
Toluene	ND	50					
Ethylbenzene	ND	50					
Xylene(Total)	ND	150					
1,2,4-Trimethylbenzene	ND	50					
1,3,5-Trimethylbenzene	ND	50					
Naphthalene	ND	250					
2-Methylnaphthalene	ND	250					

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COMPANY: LAMBDA ENERGY RESOURCES, LLC  
 PROJECT NO: 25069.01  
 LOCATION: FOREST 1-14 (SPILL #2)  
 MI  
 SAMPLE MATRIX: SOIL  
 SAMPLE ID: SW-6 (2')

GTA PROJECT NO: 062725-5  
 GTA SAMPLE NO: 8  
 DATE SAMPLED: 6/26/2025  
 TIME SAMPLED:  
 DATE RECEIVED: 6/27/2025  
 TIME RECEIVED: 8:10 AM  
 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 Extracted</u>	<u>Date Completed</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	6/26/2025	6/30/2025	EPA 5035A
Toluene	ND	50					
Ethylbenzene	ND	50					
Xylene(Total)	ND	150					
1,2,4-Trimethylbenzene	ND	50					
1,3,5-Trimethylbenzene	ND	50					
Naphthalene	ND	250					
2-Methylnaphthalene	ND	250					

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 LOD = LIMIT OF DETECTION

COMPANY: LAMBDA ENERGY RESOURCES, LLC  
 PROJECT NO: 25069.01  
 LOCATION: FOREST 1-14 (SPILL #2)

GTA PROJECT NO: 062725-5  
 GTA SAMPLE NO: 1  
 DATE SAMPLED: 6/26/2025  
 TIME SAMPLED:  
 DATE RECEIVED: 6/27/2025  
 TIME RECEIVED: 8:10 AM

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: FL-1	CHLORIDE EPA 300.0	1,100	110	mg/Kg (PPM)	KC/AA	7/1/2025	SOIL

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: 25069.01  
 LOCATION: FOREST 1-14 (SPILL #2)

GTA PROJECT NO: 062725-5  
 GTA SAMPLE NO: 2  
 DATE SAMPLED: 6/26/2025  
 TIME SAMPLED:  
 DATE RECEIVED: 6/27/2025  
 TIME RECEIVED: 8:10 AM

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: FL-2	CHLORIDE EPA 300.0	2,300	110	mg/Kg (PPM)	KC/AA	7/1/2025	SOIL

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: 25069.01  
 LOCATION: FOREST 1-14 (SPILL #2)

GTA PROJECT NO: 062725-5  
 GTA SAMPLE NO: 6  
 DATE SAMPLED: 6/26/2025  
 TIME SAMPLED:  
 DATE RECEIVED: 6/27/2025  
 TIME RECEIVED: 8:10 AM

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: SW-4 (4') CHLORIDE EPA 300.0	2,800	110	mg/Kg (PPM)	KC/AA	7/1/2025	SOIL

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: 25069.01  
LOCATION: FOREST 1-14 (SPILL #2)

GTA PROJECT NO: 062725-5  
GTA SAMPLE NO: 7

DATE SAMPLED: 6/26/2025  
TIME SAMPLED:  
DATE RECEIVED: 6/27/2025  
TIME RECEIVED: 8:10 AM

MI  
SAMPLED BY: 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: SW-5 (4') CHLORIDE EPA 300.0	ND	100	mg/Kg (PPM)	KC/AA	7/1/2025	SOIL

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: 25069.01  
 LOCATION: FOREST 1-14 (SPILL #2)

GTA PROJECT NO: 062725-5  
 GTA SAMPLE NO: 8  
 DATE SAMPLED: 6/26/2025  
 TIME SAMPLED:  
 DATE RECEIVED: 6/27/2025  
 TIME RECEIVED: 8:10 AM

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: SW-6 (2') CHLORIDE EPA 300.0	ND	110	mg/Kg (PPM)	KC/AA	7/1/2025	SOIL

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



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COMPANY: LAMBDA ENERGY RESOURCES, LLC

NAME:  
PROJECT NO: 25069.01

LOCATION: FOREST 1-14 (SPILL #2)  
  
MI

GTA PROJECT NO: 062725-5  
SAMPLED BY: DJT/GCES

DATE SAMPLED: 6/26/2025

SAMPLE MATRIX: SOIL

DATE RECEIVED: 6/27/2025  
TIME RECEIVED: 8:10 AM

**MOISTURE**

<u>No:</u> <u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>
SAMPLE ID: FL-1 % MOISTURE EPA 3550C	7.9	0.10	% OF SAMPLE	AA	6/27/2025
SAMPLE ID: FL-2 % MOISTURE EPA 3550C	8.9	0.10	% OF SAMPLE	AA	6/27/2025
SAMPLE ID: SW-1 (4') % MOISTURE EPA 3550C	2.8	0.10	% OF SAMPLE	AA	6/27/2025
SAMPLE ID: SW-2 (5') % MOISTURE EPA 3550C	8.7	0.10	% OF SAMPLE	AA	6/27/2025
SAMPLE ID: SW-3 (2') % MOISTURE EPA 3550C	7.8	0.10	% OF SAMPLE	AA	6/27/2025
SAMPLE ID: SW-4 (4') % MOISTURE EPA 3550C	8.3	0.10	% OF SAMPLE	AA	6/27/2025
SAMPLE ID: SW-5 (4') % MOISTURE EPA 3550C	2.8	0.10	% OF SAMPLE	AA	6/27/2025
SAMPLE ID: SW-6 (2') % MOISTURE EPA 3550C	6.1	0.10	% OF SAMPLE	AA	6/27/2025

250269.01

**CHAIN OF CUSTODY**

PROJECT NUMBER 250156.01	SITE NAME/ADDRESS Forest 1-14 (Spill #2)	COMPANY/NAME LER
SAMPLED BY DJT	COMPANY GCE5	GTA PROJECT # 062725-5

**SAMPLE INFORMATION**

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	FL-1	6/26/25		Soil	BTEX + 4, CI-
2	FL-2				
3	SW-1 (4')				
4	SW-2 (5')				
5	SW-3 (2')				
6	SW-4 (4')				
7	SW-5 (4')				
8	SW-6 (2')				

<b>BILL TO:</b> Lambda	TempRec: <input type="checkbox"/> 9.0C	On Ice? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<b>REPORT TO:</b>
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<b>RELEASED BY</b> <i>[Signature]</i>	<b>DATE/TIME</b>	<b>RECEIVED BY</b> <i>[Signature]</i>	<b>DATE/TIME</b> 6-27-25 8:10A
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REQUESTED TAT  STANDARD  1 BUSINESS DAY  2 BUSINESS DAYS  3 BUSINESS DAYS