

**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: MAPLE GROVE 8/BLUL-2

GTA ProjNo: 060324-1

Sampled By: N. SUMMERLAND/LER
Date Rec: 6/3/2024
Time Rec: 8:46 AM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	FL-1	5/31/2024	7:21 PM	SOIL
2	FL-2	5/31/2024	7:25 PM	SOIL
3	FL-3	5/31/2024	7:55 PM	SOIL
4	SW-1	5/31/2024	8:18 PM	SOIL
5	SW-2	5/31/2024	8:20 PM	SOIL
6	SW-3	5/31/2024	8:23 PM	SOIL
7	SW-4	5/31/2024	8:30 PM	SOIL
8	SW-5	5/31/2024	8:32 PM	SOIL
9	SW-6	5/31/2024	8:33 AM	SOIL
10	SW-7	5/31/2024	8:38 PM	SOIL
11	SW-8	5/31/2024	8:46 PM	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

GTA PROJECT NO: 060324-1

PROJECT NO:

GTA SAMPLE NO: 1

LOCATION: MAPLE GROVE 8/BLUL-2

DATE SAMPLED: 5/31/2024

TIME SAMPLED: 7:21 PM

MI

DATE RECEIVED: 6/3/2024

TIME RECEIVED: 8:46 AM

SAMPLE MATRIX: SOIL

SAMPLE ID: FL-1

SAMPLED BY: N. SUMMERLAND/LER

**THIS SAMPLE WAS RECEIVED MEOH PRESERVED.

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	1,600	100	ug/Kg (PPB)	MR	5/31/2024	6/3/2024	EPA 5035A
Toluene	19,000	100					
Ethylbenzene	6,100	100					
Xylene(Total)	22,000	300					
1,2,4-Trimethylbenzene	10,400	100					
1,3,5-Trimethylbenzene	3,000	100					
Naphthalene	ND	500					
2-Methylnaphthalene	750	500					

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:

LOCATION: MAPLE GROVE 8/BLUL-2

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: FL-2

GTA PROJECT NO: 060324-1

GTA SAMPLE NO: 2

DATE SAMPLED: 5/31/2024

TIME SAMPLED: 7:25 PM

DATE RECEIVED: 6/3/2024

TIME RECEIVED: 8:46 AM

SAMPLED BY: N. SUMMERLAND/LER

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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	950	100	ug/Kg (PPB)	MR	5/31/2024	6/3/2024	EPA 5035A
Toluene	31,000	100					
Ethylbenzene	21,000	100					
Xylene(Total)	68,000	300					
1,2,4-Trimethylbenzene	33,000	100					
1,3,5-Trimethylbenzene	8,200	100					
Naphthalene	500	500					
2-Methylnaphthalene	1,700	500					

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COMPANY: LAMBDA ENERGY RESOURCES, LLC

PROJECT NO:

LOCATION: MAPLE GROVE 8/BLUL-2

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: FL-3

GTA PROJECT NO: 060324-1

GTA SAMPLE NO: 3

DATE SAMPLED: 5/31/2024

TIME SAMPLED: 7:55 PM

DATE RECEIVED: 6/3/2024

TIME RECEIVED: 8:46 AM

SAMPLED BY: N. SUMMERLAND/LER

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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	50	ug/Kg (PPB) MR		5/31/2024	6/3/2024	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

GTA PROJECT NO: 060324-1

PROJECT NO:

GTA SAMPLE NO: 4

LOCATION: MAPLE GROVE 8/BLUL-2

DATE SAMPLED: 5/31/2024

TIME SAMPLED: 8:18 PM

MI

DATE RECEIVED: 6/3/2024

TIME RECEIVED: 8:46 AM

SAMPLE MATRIX: SOIL

SAMPLE ID: SW-1

SAMPLED BY: N. SUMMERLAND/LER

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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	50	ug/Kg (PPB) MR		5/31/2024	6/3/2024	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:

LOCATION: MAPLE GROVE 8/BLUL-2

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: SW-2

GTA PROJECT NO: 060324-1

GTA SAMPLE NO: 5

DATE SAMPLED: 5/31/2024

TIME SAMPLED: 8:20 PM

DATE RECEIVED: 6/3/2024

TIME RECEIVED: 8:46 AM

SAMPLED BY: N. SUMMERLAND/LER

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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	100	50	ug/Kg (PPB) MR		5/31/2024	6/3/2024	EPA 5035A
Toluene	1,100	50					
Ethylbenzene	730	50					
Xylene(Total)	3,300	150					
1,2,4-Trimethylbenzene	5,400	50					
1,3,5-Trimethylbenzene	1,000	50					
Naphthalene	ND	250					
2-Methylnaphthalene	990	250					

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PROJECT NO:

LOCATION: MAPLE GROVE 8/BLUL-2

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: SW-3

GTA PROJECT NO: 060324-1

GTA SAMPLE NO: 6

DATE SAMPLED: 5/31/2024

TIME SAMPLED: 8:23 PM

DATE RECEIVED: 6/3/2024

TIME RECEIVED: 8:46 AM

SAMPLED BY: N. SUMMERLAND/LER

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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	1,400	50	ug/Kg (PPB) MR		5/31/2024	6/3/2024	EPA 5035A
Toluene	2,900	50					
Ethylbenzene	350	50					
Xylene(Total)	1,000	150					
1,2,4-Trimethylbenzene	200	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:

LOCATION: MAPLE GROVE 8/BLUL-2

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: SW-4

GTA PROJECT NO: 060324-1

GTA SAMPLE NO: 7

DATE SAMPLED: 5/31/2024

TIME SAMPLED: 8:30 PM

DATE RECEIVED: 6/3/2024

TIME RECEIVED: 8:46 AM

SAMPLED BY: N. SUMMERLAND/LER

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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	50	ug/Kg (PPB) MR		5/31/2024	6/3/2024	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

GTA PROJECT NO: 060324-1

PROJECT NO:

GTA SAMPLE NO: 8

LOCATION: MAPLE GROVE 8/BLUL-2

DATE SAMPLED: 5/31/2024

TIME SAMPLED: 8:32 PM

MI

DATE RECEIVED: 6/3/2024

TIME RECEIVED: 8:46 AM

SAMPLE MATRIX: SOIL

SAMPLE ID: SW-5

SAMPLED BY: N. SUMMERLAND/LER

**THIS SAMPLE WAS RECEIVED MEOH PRESERVED.

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	50	ug/Kg (PPB) MR		5/31/2024	6/3/2024	EPA 5035A
Toluene	ND	50					
Ethylbenzene	ND	50					
Xylene(Total)	910	150					
1,2,4-Trimethylbenzene	1,100	50					
1,3,5-Trimethylbenzene	460	50					
Naphthalene	ND	250					
2-Methylnaphthalene	ND	250					

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COMPANY: LAMBDA ENERGY RESOURCES, LLC

GTA PROJECT NO: 060324-1

PROJECT NO:

GTA SAMPLE NO: 9

LOCATION: MAPLE GROVE 8/BLUL-2

DATE SAMPLED: 5/31/2024

TIME SAMPLED: 8:33 AM

MI

DATE RECEIVED: 6/3/2024

TIME RECEIVED: 8:46 AM

SAMPLE MATRIX: SOIL

SAMPLE ID: SW-6

SAMPLED BY: N. SUMMERLAND/LER

**THIS SAMPLE WAS RECEIVED MEOH PRESERVED.

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	50	ug/Kg (PPB) MR		5/31/2024	6/3/2024	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

GTA PROJECT NO: 060324-1

PROJECT NO:

GTA SAMPLE NO: 10

LOCATION: MAPLE GROVE 8/BLUL-2

DATE SAMPLED: 5/31/2024

TIME SAMPLED: 8:38 PM

MI

DATE RECEIVED: 6/3/2024

TIME RECEIVED: 8:46 AM

SAMPLE MATRIX: SOIL

SAMPLE ID: SW-7

SAMPLED BY: N. SUMMERLAND/LER

**THIS SAMPLE WAS RECEIVED MEOH PRESERVED.

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	50	ug/Kg (PPB) MR		5/31/2024	6/3/2024	EPA 5035A
Toluene	ND	50					
Ethylbenzene	ND	50					
Xylene(Total)	ND	150					
1,2,4-Trimethylbenzene	250	50					
1,3,5-Trimethylbenzene	300	50					
Naphthalene	ND	250					
2-Methylnaphthalene	ND	250					

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COMPANY: LAMBDA ENERGY RESOURCES, LLC

PROJECT NO:

LOCATION: MAPLE GROVE 8/BLUL-2

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: SW-8

GTA PROJECT NO: 060324-1

GTA SAMPLE NO: 11

DATE SAMPLED: 5/31/2024

TIME SAMPLED: 8:46 PM

DATE RECEIVED: 6/3/2024

TIME RECEIVED: 8:46 AM

SAMPLED BY: N. SUMMERLAND/LER

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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	50	ug/Kg (PPB) MR		5/31/2024	6/3/2024	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

GTA PROJECT NO: 060324-1

NAME:
PROJECT NO:

SAMPLED BY: N. SUMMERLAND/LER

DATE SAMPLED: 5/31/2024

LOCATION: MAPLE GROVE 8/BLUL-2

SAMPLE SOIL

DATE RECEIVED: 6/3/2024

TIME RECEIVED: 8:46 AM

MI

MOISTURE

No: Analysis	Concentration	LOD	Units	Analyst	<u>Date</u> Completed
SAMPLE ID: FL-1 % MOISTURE EPA 3550C	4.5	0.10	% OF SAMPLE	AS	6/3/2024
SAMPLE ID: FL-2 % MOISTURE EPA 3550C	8.3	0.10	% OF SAMPLE	AS	6/3/2024
SAMPLE ID: FL-3 % MOISTURE EPA 3550C	5.2	0.10	% OF SAMPLE	AS	6/3/2024
SAMPLE ID: SW-1 % MOISTURE EPA 3550C	2.8	0.10	% OF SAMPLE	AS	6/3/2024
SAMPLE ID: SW-2 % MOISTURE EPA 3550C	3.1	0.10	% OF SAMPLE	AS	6/3/2024
SAMPLE ID: SW-3 % MOISTURE EPA 3550C	22	0.10	% OF SAMPLE	AS	6/3/2024
SAMPLE ID: SW-4 % MOISTURE EPA 3550C	2.7	0.10	% OF SAMPLE	AS	6/3/2024
SAMPLE ID: SW-5 % MOISTURE EPA 3550C	5.5	0.10	% OF SAMPLE	AS	6/3/2024
SAMPLE ID: SW-6 % MOISTURE EPA 3550C	2.8	0.10	% OF SAMPLE	AS	6/3/2024
SAMPLE ID: SW-7 % MOISTURE EPA 3550C	4.6	0.10	% OF SAMPLE	AS	6/3/2024
SAMPLE ID: SW-8 % MOISTURE EPA 3550C	3.1	0.10	% OF SAMPLE	AS	6/3/2024

CHAIN OF CUSTODY

PROJECT NUMBER	SITE NAME/ADDRESS	COMPANY/NAME
	Maple Grove 8/BLVL-2	Lambda Energy
SAMPLED BY	COMPANY	GTA PROJECT #
N Summerland	Lambda	060324-1

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	FL-1	5-31-24	7:21 P	Soil	BTEX + 4
2	FL-2		7:25 P		Standard turn
3	FL-3		7:55 P		
4	SW-1		8:18 P		Rush
5	SW-2		8:20 P		
6	SW-3		8:23 P		
7	SW-4		8:30 P		
8	SW-5		8:32 P		
9	SW-6		8:33 P		
10	SW-7		8:38 P		
11	SW-8		8:46 P		

BILL TO:

Lambda

TempRec: ☐

On Ice? ☐

Y N

REPORT TO:

N Summerland

RELEASED BY

DATE/TIME

RECEIVED BY

DATE/TIME

Nick Sumrell

6-3-24 8:46 AM

Travis Ruel

6-3-24 8:46 AM

REQUESTED TAT ☐ STANDARD

☒ 1 BUSINESS DAY

☐ 2 BUSINESS DAYS

☐ 3 BUSINESS DAYS