

**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: SPRINGDALE 28

GTA ProjNo: 022222-5

Sampled By: NICK SUMMERLAND/LER
Date Rec: 2/22/2022
Time Rec: 4:50 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	FL-1	2/22/2022	1:31 PM	SOIL
2	SW-E	2/22/2022	1:35 PM	SOIL
3	SW-N	2/22/2022	1:40 PM	SOIL
4	SW-W	2/22/2022	2:20 PM	SOIL
5	FL-2	2/22/2022	2:30 PM	SOIL
6	SW-S	2/22/2022	3:22 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: 022222-5

PROJECT NO:

GTA SAMPLE NO: 1

LOCATION: SPRINGDALE 28

DATE SAMPLED: 2/22/2022

TIME SAMPLED: 1:31 PM

MI

DATE RECEIVED: 2/22/2022

TIME RECEIVED: 4:50 PM

SAMPLE MATRIX: SOIL

SAMPLE ID: FL-1

SAMPLED BY: NICK 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>Complete</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB) MR		2/22/2022	2/23/2022	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					

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

GTA PROJECT NO: 022222-5

PROJECT NO:

GTA SAMPLE NO: 2

LOCATION: SPRINGDALE 28

DATE SAMPLED: 2/22/2022

TIME SAMPLED: 1:35 PM

MI

DATE RECEIVED: 2/22/2022

TIME RECEIVED: 4:50 PM

SAMPLE MATRIX: SOIL

SAMPLE ID: SW-E

SAMPLED BY: NICK 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>Complete</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB) MR		2/22/2022	2/23/2022	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

GTA PROJECT NO: 022222-5

PROJECT NO:

GTA SAMPLE NO: 3

LOCATION: SPRINGDALE 28

DATE SAMPLED: 2/22/2022

TIME SAMPLED: 1:40 PM

MI

DATE RECEIVED: 2/22/2022

TIME RECEIVED: 4:50 PM

SAMPLE MATRIX: SOIL

SAMPLE ID: SW-N

SAMPLED BY: NICK 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>Complete</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB) MR		2/22/2022	2/23/2022	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					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.

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LOD = LIMIT OF DETECTION

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COMPANY: LAMBDA ENERGY RESOURCES, LLC

GTA PROJECT NO: 022222-5

PROJECT NO:

GTA SAMPLE NO: 4

LOCATION: SPRINGDALE 28

DATE SAMPLED: 2/22/2022

TIME SAMPLED: 2:20 PM

MI

DATE RECEIVED: 2/22/2022

TIME RECEIVED: 4:50 PM

SAMPLE MATRIX: SOIL

SAMPLE ID: SW-W

SAMPLED BY: NICK 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>Complete</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB) MR		2/22/2022	2/23/2022	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					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.

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LOD = LIMIT OF DETECTION

COMPANY: LAMBDA ENERGY RESOURCES, LLC

GTA PROJECT NO: 022222-5

PROJECT NO:

GTA SAMPLE NO: 5

LOCATION: SPRINGDALE 28

DATE SAMPLED: 2/22/2022

TIME SAMPLED: 2:30 PM

MI

DATE RECEIVED: 2/22/2022

TIME RECEIVED: 4:50 PM

SAMPLE MATRIX: SOIL

SAMPLE ID: FL-2

SAMPLED BY: NICK 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>Complete</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB) MR		2/22/2022	2/23/2022	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					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

COMPANY: LAMBDA ENERGY RESOURCES, LLC

GTA PROJECT NO: 022222-5

PROJECT NO:

GTA SAMPLE NO: 6

LOCATION: SPRINGDALE 28

DATE SAMPLED: 2/22/2022

TIME SAMPLED: 3:22 PM

MI

DATE RECEIVED: 2/22/2022

TIME RECEIVED: 4:50 PM

SAMPLE MATRIX: SOIL

SAMPLE ID: SW-S

SAMPLED BY: NICK 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>Complete</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB) MR		2/22/2022	2/23/2022	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					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.

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LOD = LIMIT OF DETECTION

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COMPANY: LAMBDA ENERGY RESOURCES, LLC

GTA PROJECT NO: 022222-

NAME:

SAMPLED BY: NICK SUMMERLAND/LER

PROJECT NO:

DATE SAMPLED: 2/22/2022

LOCATION: SPRINGDALE 28

SAMPLE MATRIX: SOIL

DATE RECEIVED: 2/22/2022

TIME RECEIVED: 4:50 PM

MI

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	2.3	0.050	% OF SAMPLES	AS	2/23/2022
SAMPLE ID: SW-E	% MOISTURE EPA 3550C	8.2	0.050	% OF SAMPLES	AS	2/23/2022
SAMPLE ID: SW-N	% MOISTURE EPA 3550C	7.9	0.050	% OF SAMPLES	AS	2/23/2022
SAMPLE ID: SW-W	% MOISTURE EPA 3550C	8.0	0.050	% OF SAMPLES	AS	2/23/2022
SAMPLE ID: FL-2	% MOISTURE EPA 3550C	4.6	0.050	% OF SAMPLES	AS	2/23/2022
SAMPLE ID: SW-S	% MOISTURE EPA 3550C	7.0	0.050	% OF SAMPLES	AS	2/23/2022

CHAIN OF CUSTODY

PROJECT NUMBER	SITE NAME/ADDRESS	COMPANY/NAME
	Springdale 28	Lambda Energy
SAMPLED BY	COMPANY	GTA PROJECT #
Nick Summerland	Lambda	022222-5

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	FL-1	2-22-22	1:31	Soil	BTEX +4 FLUORENCE
2	SW-E		1:35		
3	SW-N		1:40		
4	SW-W		2:20		
5	FL-2		2:30		
6	SW-S		3:22		

BILL TO:		REPORT TO:	
Lambda Energy		N Summerland	
RELEASED BY	DATE/TIME	RECEIVED BY	DATE/TIME
John P.	2-22-22 4:50 PM	K. Ch...	2/22/22 4:50 P
REQUESTED TAT			
☐ STANDARD ☐ 1 BUSINESS DAY ☒ 2 BUSINESS DAYS ☐ 3 BUSINESS DAYS			