Grand Traverse Analytical, LLC

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	Site Addr:	CHARLTON 12 PINE RACK
Name:			
ClientProj:			
		Sampled By:	N. SUMMERLAND/LER
GTA ProjNo:	051722-8	Date Rec:	5/17/2022
		Time Rec:	3:50 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	1A - 1'	5/16/2022	3:55 PM	SOIL
2	1B- 4.5'	5/16/2022	4:15 PM	SOIL
3	1C - 8'	5/16/2022	4:30 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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kirk@gtanalytical.com

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COMPANY:	LAMBDA ENERGY RESOURCES, LLC	GTA PROJECT NO:	051722-8
		GTA SAMPLE NO:	1
PROJECT NO:			
LOCATION:	CHARLTON 12 PINE RACK	DATE SAMPLED:	5/16/2022
		TIME SAMPLED:	3:55 PM
		DATE RECEIVED:	5/17/2022
	MI	TIME RECEIVED:	3:50 PM
SAMPLE MATRIX:	SOIL		
SAMPLE ID:	1A - 1'	SAMPLED BY:	N. SUMMERLAND/LER

**THIS SAMPLE WAS RECEIVED MEOH PRESERVED.

EPA 8260B VOLATILE ORGANICS

Analysis	Concentration	LOD	Units	Analyst	Date Extracted	Date Complete	Prep Method
Benzene	14,000	1,200	ug/Kg (PPB)	MR	5/16/2022	5/21/2022	EPA 5035A
Toluene	95,000	1,200					
Ethylbenzene	21,000	1,200					
Xylene(Total)	110,000	3,600					
1,2,4-Trimethylbenzene	49,000	1,200					
1,3,5-Trimethylbenzene	18,000	1,200					
Naphthalene	840	250					
2-Methylnaphthalene	3,500	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:	051722-8
		GTA SAMPLE NO:	2
PROJECT NO:			
LOCATION:	CHARLTON 12 PINE RACK	DATE SAMPLED:	5/16/2022
		TIME SAMPLED:	4:15 PM
		DATE RECEIVED:	5/17/2022
	MI	TIME RECEIVED:	3:50 PM
SAMPLE MATRIX:	SOIL		
SAMPLE ID:	1B- 4.5'	SAMPLED BY:	N. SUMMERLAND/LER

**THIS SAMPLE WAS RECEIVED MEOH PRESERVED.

EPA 8260B VOLATILE ORGANICS

Analysis	Concentration	LOD	Units	Analyst	Date Extracted	Date Complete	Prep Method
Benzene	7,200	110	ug/Kg (PPB)	MR	5/16/2022	5/21/2022	EPA 5035A
Toluene	46,000	1,100					
Ethylbenzene	7,500	110					
Xylene(Total)	42,000	3,300					
1,2,4-Trimethylbenzene	15,000	110					
1,3,5-Trimethylbenzene	5,100	110					
Naphthalene	ND	250					
2-Methylnaphthalene	820	250					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.
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COMPANY:	LAMBDA ENERGY RESOURCES, LLC	GTA PROJECT NO:	051722-8
		GTA SAMPLE NO:	3
PROJECT NO:			
LOCATION:	CHARLTON 12 PINE RACK	DATE SAMPLED:	5/16/2022
		TIME SAMPLED:	4:30 PM
		DATE RECEIVED:	5/17/2022
	MI	TIME RECEIVED:	3:50 PM
SAMPLE MATRIX:	SOIL		
SAMPLE ID:	1C - 8'	SAMPLED BY:	N. SUMMERLAND/LER

**THIS SAMPLE WAS RECEIVED MEOH PRESERVED.

EPA 8260B VOLATILE ORGANICS

Analysis	Concentration	LOD	Units	Analyst	Date Extracted	Date Complete	Prep Method
Benzene	240	50	ug/Kg (PPB)	MR	5/16/2022	5/21/2022	EPA 5035A
Toluene	1,600	50					
Ethylbenzene	370	50					
Xylene(Total)	2,200	150					
1,2,4-Trimethylbenzene	1,600	50					
1,3,5-Trimethylbenzene	520	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
NAME:
PROJECT NO:

LOCATION: CHARLTON 12 PINE RACK
MI

GTA PROJECT NO: 051722-
SAMPLED BY: N. SUMMERLAND/LER

DATE SAMPLED: 5/16/2022

SAMPLE MATRIX: SOIL

DATE RECEIVED: 5/17/2022
TIME RECEIVED: 3:50 PM

MOISTURE

No: Analysis	Concentration	LOD	Units	Analyst	Date Completed
SAMPLE ID: 1A - 1'					
% MOISTURE EPA 3550C	16	0.050	% OF SAMPLE	AS	5/17/2022
SAMPLE ID: 1B- 4.5'					
% MOISTURE EPA 3550C	13	0.050	% OF SAMPLE	AS	5/17/2022
SAMPLE ID: 1C - 8'					
% MOISTURE EPA 3550C	12	0.050	% OF SAMPLE	AS	5/17/2022

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CHAIN OF CUSTODY

PROJECT NUMBER	SITE NAME/ADDRESS	COMPANY/NAME
	Charlton 12 Pine Race	Lambda Energy
SAMPLED BY	**COMPANY**	**GTA PROJECT #**
N Summerland	Lambda Energy	051722-B

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
	1a - 1'	5-16-22	3:55P	Soil	BTEX + 4
	1b - 4.5'	↓	4:15P	↓	↓
	1c - 8'	↓	4:30P	↓	↓

BILL TO: Lambda Energy

REPORT TO: 0.6° Conice N Summerland

RELEASED BY	DATE/TIME	RECEIVED BY	DATE/TIME
[signature]	5-17-22 3:50P	[signature]	5/17/22 3:50

REQUESTED TAT ☒ **STANDARD** ☐ **1 BUSINESS DAY** ☐ **2 BUSINESS DAYS** ☐ **3 BUSINESS DAYS**