



**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:

Site Addr: PARADISE 19

GTA ProjNo: 041723-5

Sampled By: NICK SUMMERLAND/LER  
Date Rec: 4/17/2023  
Time Rec: 3:50 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	SW-N2	4/17/2023	3:08 PM	SOIL
2	SW-W2	4/17/2023	3:13 PM	SOIL
3	SW-E5	4/17/2023	3:18 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  
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COMPANY:	LAMBDA ENERGY RESOURCES, LLC	GTA PROJECT NO:	041723-5
PROJECT NO:		GTA SAMPLE NO:	1
LOCATION:	PARADISE 19	DATE SAMPLED:	4/17/2023
		TIME SAMPLED:	3:08 PM
	MI	DATE RECEIVED:	4/17/2023
		TIME RECEIVED:	3:50 PM
SAMPLE MATRIX:	SOIL		
SAMPLE ID:	SW-N2	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	4/17/2023	4/19/2023	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  
 PROJECT NO:  
 LOCATION: PARADISE 19  
 MI  
 SAMPLE MATRIX: SOIL  
 SAMPLE ID: SW-W2

GTA PROJECT NO: 041723-5  
 GTA SAMPLE NO: 2  
 DATE SAMPLED: 4/17/2023  
 TIME SAMPLED: 3:13 PM  
 DATE RECEIVED: 4/17/2023  
 TIME RECEIVED: 3:50 PM

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	4/17/2023	4/19/2023	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:  
 LOCATION: PARADISE 19  
 MI  
 SAMPLE MATRIX: SOIL  
 SAMPLE ID: SW-E5

GTA PROJECT NO: 041723-5  
 GTA SAMPLE NO: 3  
 DATE SAMPLED: 4/17/2023  
 TIME SAMPLED: 3:18 PM  
 DATE RECEIVED: 4/17/2023  
 TIME RECEIVED: 3:50 PM

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	4/17/2023	4/19/2023	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: PARADISE 19  
MI  
SAMPLED BY: NICK SUMMERLAND/LER

GTA PROJECT NO: 041723-5  
GTA SAMPLE NO: 1  
DATE SAMPLED: 4/17/2023  
TIME SAMPLED: 3:08 PM  
DATE RECEIVED: 4/17/2023  
TIME RECEIVED: 3:50 PM

**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-N2							
CHLORIDE EPA 300.0		ND	100	mg/Kg (PPM)	KC/AS	4/21/2023	SOIL

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







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NAME:  
PROJECT NO:

LOCATION: PARADISE 19  
  
MI

GTA PROJECT NO: 041723-  
SAMPLED BY: NICK SUMMERLAND/LER

DATE SAMPLED: 4/17/2023

SAMPLE MATRIX: SOIL

DATE RECEIVED: 4/17/2023  
TIME RECEIVED: 3:50 PM

**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: SW-N2	% MOISTURE EPA 3550C	5.1	0.10	% OF SAMPLE	AS	4/17/2023
SAMPLE ID: SW-W2	% MOISTURE EPA 3550C	4.2	0.10	% OF SAMPLE	AS	4/17/2023
SAMPLE ID: SW-E5	% MOISTURE EPA 3550C	3.4	0.10	% OF SAMPLE	AS	4/17/2023

