



**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: 112923-3

Sampled By: N. SUMMERLAND/LER  
Date Rec: 11/29/2023  
Time Rec: 4:29 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	SW-E	11/29/2023	1:42 PM	SOIL
2	SW-S	11/29/2023	1:52 PM	SOIL
3	SW-W	11/29/2023	2:15 PM	SOIL
4	SW-N	11/29/2023	2:30 PM	SOIL
5	FL-1	11/29/2023	2:51 PM	SOIL
6	FL-2	11/29/2023	3:00 PM	SOIL
7	HA-1-14'	11/29/2023	3:15 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  
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830 Robinwood Court  
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COMPANY:	LAMBDA ENERGY RESOURCES, LLC	GTA PROJECT NO:	112923-3
PROJECT NO:		GTA SAMPLE NO:	2
LOCATION:	PARADISE 19	DATE SAMPLED:	11/29/2023
		TIME SAMPLED:	1:52 PM
	MI	DATE RECEIVED:	11/29/2023
		TIME RECEIVED:	4:29 PM
SAMPLE MATRIX:	SOIL		
SAMPLE ID:	SW-S	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	11/29/2023	11/30/2023	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

GTA PROJECT NO: 112923-3

GTA SAMPLE NO: 4

PROJECT NO:

LOCATION: PARADISE 19

DATE SAMPLED: 11/29/2023

TIME SAMPLED: 2:30 PM

DATE RECEIVED: 11/29/2023

TIME RECEIVED: 4:29 PM

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: SW-N

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	11/29/2023	11/30/2023	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.

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COMPANY:	LAMBDA ENERGY RESOURCES, LLC	GTA PROJECT NO:	112923-3
PROJECT NO:		GTA SAMPLE NO:	5
LOCATION:	PARADISE 19	DATE SAMPLED:	11/29/2023
		TIME SAMPLED:	2:51 PM
	MI	DATE RECEIVED:	11/29/2023
		TIME RECEIVED:	4:29 PM
SAMPLE MATRIX:	SOIL	SAMPLED BY:	N. SUMMERLAND/LER
SAMPLE ID:	FL-1	**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	11/29/2023	11/30/2023	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: FL-2

GTA PROJECT NO: 112923-3  
 GTA SAMPLE NO: 6  
 DATE SAMPLED: 11/29/2023  
 TIME SAMPLED: 3:00 PM  
 DATE RECEIVED: 11/29/2023  
 TIME RECEIVED: 4:29 PM

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	11/29/2023	11/30/2023	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: HA-1-14'

GTA PROJECT NO: 112923-3  
 GTA SAMPLE NO: 7  
 DATE SAMPLED: 11/29/2023  
 TIME SAMPLED: 3:15 PM  
 DATE RECEIVED: 11/29/2023  
 TIME RECEIVED: 4:29 PM

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	11/29/2023	11/30/2023	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.  
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 LOD = LIMIT OF DETECTION

















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COMPANY: LAMBDA ENERGY RESOURCES, LLC

NAME:  
PROJECT NO:

GTA PROJECT NO: 112923-3  
SAMPLED BY: N. SUMMERLAND/LER

DATE SAMPLED: 11/29/2023

LOCATION: PARADISE 19

SAMPLE SOIL

DATE RECEIVED: 11/29/2023  
TIME RECEIVED: 4:29 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: SW-E % MOISTURE EPA 3550C	5.0	0.10	% OF SAMPLE	AS	11/29/2023
SAMPLE ID: SW-S % MOISTURE EPA 3550C	14	0.10	% OF SAMPLE	AS	11/29/2023
SAMPLE ID: SW-W % MOISTURE EPA 3550C	14	0.10	% OF SAMPLE	AS	11/29/2023
SAMPLE ID: SW-N % MOISTURE EPA 3550C	7.6	0.10	% OF SAMPLE	AS	11/29/2023
SAMPLE ID: FL-1 % MOISTURE EPA 3550C	9.1	0.10	% OF SAMPLE	AS	11/29/2023
SAMPLE ID: FL-2 % MOISTURE EPA 3550C	7.5	0.10	% OF SAMPLE	AS	11/29/2023
SAMPLE ID: HA-1-14' % MOISTURE EPA 3550C	11	0.10	% OF SAMPLE	AS	11/29/2023

**CHAIN OF CUSTODY**

PROJECT NUMBER	SITE NAME/ADDRESS	COMPANY/NAME
	Paradise 19	Lambda Energy
SAMPLED BY	COMPANY	GTA PROJECT #
N Summerland	Lambda	112923-3

**SAMPLE INFORMATION**

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	SW-E	11-29-23	1:42P	Soil	BTEX + 4, Chloride
2	SW-S	↓	2:52P	↓	↓
3	SW-W		2:15P		
4	SW-N		2:30P		
5	FC-1		2:51P		
6	FC-2		3:00P		
7	HA-1-14'		3:15P		

BILL TO:	TempRec: <input type="checkbox"/>	On Ice? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	REPORT TO:
Lambda	1.0°C		N Summerland

RELEASED BY	DATE/TIME	RECEIVED BY	DATE/TIME
N Summerland	11-29-23 4:29P	[Signature]	11/29/23 4:29

REQUESTED TAT  STANDARD  1 BUSINESS DAY  2 BUSINESS DAYS  3 BUSINESS DAYS