



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: 240223
GTA ProjNo: 043024-12

Site Addr: HEJL & ST. BEAR LAKE 1-17

Sampled By: TSA/PRK - GCES
Date Rec: 4/30/2024
Time Rec: 4:05 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	HA-3 (4')	4/30/2024	11:45 AM	SOIL
2	HA-3 (8')	4/30/2024	12:00 PM	SOIL
3	SW-7 (4')	4/30/2024	12:20 PM	SOIL
4	FL-1 (8')	4/30/2024	12:40 PM	SOIL
5	HA-4 (3')	4/30/2024	1:08 PM	SOIL
6	HA-4 (6')	4/30/2024	1:23 PM	SOIL
7	FL-5 (6')	4/30/2024	1:20 PM	SOIL
8	FL-5 (7.5')	4/30/2024	1:50 PM	SOIL
9	SW-8 (4')	4/30/2024	1:54 PM	SOIL
10	SW-9 (4')	4/30/2024	2:03 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
Ph: 231-929-0905
Fx: 231-929-0894
SP: 231-590-0291
kirk@gtanalytical.com

COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 240223
LOCATION: HEJL & ST. BEAR LAKE 1-17

GTA PROJECT NO: 043024-12
GTA SAMPLE NO: 1

DATE SAMPLED: 4/30/2024
TIME SAMPLED: 11:45 AM
DATE RECEIVED: 4/30/2024
TIME RECEIVED: 4:05 PM

MI

SAMPLE MATRIX: SOIL
SAMPLE ID: HA-3 (4')

SAMPLED BY: TSA/PRK - GCES

**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	4/30/2024	5/1/2024	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					

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: 240223
LOCATION: HEJL & ST. BEAR LAKE 1-17

GTA PROJECT NO: 043024-12
GTA SAMPLE NO: 2
DATE SAMPLED: 4/30/2024
TIME SAMPLED: 12:00 PM
DATE RECEIVED: 4/30/2024
TIME RECEIVED: 4:05 PM

MI
SAMPLE MATRIX: SOIL
SAMPLE ID: HA-3 (8')

SAMPLED BY: TSA/PRK - GCES

**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	140	50	ug/Kg (PPB)	MR	4/30/2024	5/1/2024	EPA 5035A
Toluene	200	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



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
 PROJECT NO: 240223
 LOCATION: HEJL & ST. BEAR LAKE 1-17

GTA PROJECT NO: 043024-12
 GTA SAMPLE NO: 3
 DATE SAMPLED: 4/30/2024
 TIME SAMPLED: 12:20 PM
 DATE RECEIVED: 4/30/2024
 TIME RECEIVED: 4:05 PM

MI
 SAMPLE MATRIX: SOIL
 SAMPLE ID: SW-7 (4)

SAMPLED BY: TSA/PRK - GCES

**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	4/30/2024	5/1/2024	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					

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: 240223
LOCATION: HEJL & ST. BEAR LAKE 1-17

GTA PROJECT NO: 043024-12
GTA SAMPLE NO: 4
DATE SAMPLED: 4/30/2024
TIME SAMPLED: 12:40 PM
DATE RECEIVED: 4/30/2024
TIME RECEIVED: 4:05 PM

MI
SAMPLE MATRIX: SOIL
SAMPLE ID: FL-1 (8')

SAMPLED BY: TSA/PRK - GCES

**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	4/30/2024	5/1/2024	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					

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: 240223
 LOCATION: HEJL & ST. BEAR LAKE 1-17
 MI
 SAMPLE MATRIX: SOIL
 SAMPLE ID: HA-4 (3')

GTA PROJECT NO: 043024-12
 GTA SAMPLE NO: 5
 DATE SAMPLED: 4/30/2024
 TIME SAMPLED: 1:08 PM
 DATE RECEIVED: 4/30/2024
 TIME RECEIVED: 4:05 PM

SAMPLED BY: TSA/PRK - GCES
 **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	4/30/2024	5/1/2024	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					

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: 240223
 LOCATION: HEJL & ST. BEAR LAKE 1-17
 MI
 SAMPLE MATRIX: SOIL
 SAMPLE ID: HA-4 (6)

GTA PROJECT NO: 043024-12
 GTA SAMPLE NO: 6
 DATE SAMPLED: 4/30/2024
 TIME SAMPLED: 1:23 PM
 DATE RECEIVED: 4/30/2024
 TIME RECEIVED: 4:05 PM

SAMPLED BY: TSA/PRK - GCES
 **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	4/30/2024	5/1/2024	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					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.
 ND = NOT DETECTED, RESULT < LOD
 LOD = LIMIT OF DETECTION



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
 PROJECT NO: 240223
 LOCATION: HEJL & ST. BEAR LAKE 1-17

GTA PROJECT NO: 043024-12
 GTA SAMPLE NO: 7
 DATE SAMPLED: 4/30/2024
 TIME SAMPLED: 1:20 PM
 DATE RECEIVED: 4/30/2024
 TIME RECEIVED: 4:05 PM

MI
 SAMPLE MATRIX: SOIL
 SAMPLE ID: FL-5 (6')

SAMPLED BY: TSA/PRK - GCES

**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	4/30/2024	5/1/2024	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					

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: 240223
LOCATION: HEJL & ST. BEAR LAKE 1-17

GTA PROJECT NO: 043024-12
GTA SAMPLE NO: 8

DATE SAMPLED: 4/30/2024
TIME SAMPLED: 1:50 PM
DATE RECEIVED: 4/30/2024
TIME RECEIVED: 4:05 PM

MI

SAMPLE MATRIX: SOIL
SAMPLE ID: FL-5 (7.5')

SAMPLED BY: TSA/PRK - GCES

**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	4/30/2024	5/1/2024	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					

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: 240223
 LOCATION: HEJL & ST. BEAR LAKE 1-17
 MI
 SAMPLE MATRIX: SOIL
 SAMPLE ID: SW-8 (4)

GTA PROJECT NO: 043024-12
 GTA SAMPLE NO: 9
 DATE SAMPLED: 4/30/2024
 TIME SAMPLED: 1:54 PM
 DATE RECEIVED: 4/30/2024
 TIME RECEIVED: 4:05 PM

SAMPLED BY: TSA/PRK - GCES
 **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	4/30/2024	5/1/2024	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					

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: 240223
LOCATION: HEJL & ST. BEAR LAKE 1-17

GTA PROJECT NO: 043024-12
GTA SAMPLE NO: 10
DATE SAMPLED: 4/30/2024
TIME SAMPLED: 2:03 PM
DATE RECEIVED: 4/30/2024
TIME RECEIVED: 4:05 PM

MI
SAMPLE MATRIX: SOIL
SAMPLE ID: SW-9 (4)

SAMPLED BY: TSA/PRK - GCES

**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	4/30/2024	5/1/2024	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					

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

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION



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
PROJECT NO: 240223
LOCATION: HEJL & ST. BEAR LAKE 1-17

GTA PROJECT NO: 043024-12
GTA SAMPLE NO: 1

DATE SAMPLED: 4/30/2024
TIME SAMPLED: 11:45 AM
DATE RECEIVED: 4/30/2024
TIME RECEIVED: 4:05 PM

SAMPLED BY: MI
TSA/PRK - GCES

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: HA-3 (4') CHLORIDE EPA 300.0	ND	100	mg/Kg (PPM)	KC/AS	5/2/2024	SOIL

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

COMPANY: LAMBDA ENERGY RESOURCES, LLC

PROJECT NO: 240223

LOCATION: HEJL & ST. BEAR LAKE 1-17

GTA PROJECT NO: 043024-12

GTA SAMPLE NO: 2

DATE SAMPLED: 4/30/2024

TIME SAMPLED: 12:00 PM

DATE RECEIVED: 4/30/2024

TIME RECEIVED: 4:05 PM

MI

SAMPLED BY: TSA/PRK - GCES

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: HA-3 (8')	CHLORIDE EPA 300.0	3,900	100	mg/Kg (PPM)	KC/AS	5/2/2024	SOIL

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

COMPANY: LAMBDA ENERGY RESOURCES, LLC
 PROJECT NO: 240223
 LOCATION: HEJL & ST. BEAR LAKE 1-17

GTA PROJECT NO: 043024-12
 GTA SAMPLE NO: 3
 DATE SAMPLED: 4/30/2024
 TIME SAMPLED: 12:20 PM
 DATE RECEIVED: 4/30/2024
 TIME RECEIVED: 4:05 PM

SAMPLED BY: MI
 TSA/PRK - GCES

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-7 (4') CHLORIDE EPA 300.0	ND	100	mg/Kg (PPM)	KC/AS	5/2/2024	SOIL

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

COMPANY: LAMBDA ENERGY RESOURCES, LLC
 PROJECT NO: 240223
 LOCATION: HEJL & ST. BEAR LAKE 1-17
 MI
 SAMPLED BY: TSA/PRK - GCES

GTA PROJECT NO: 043024-12
 GTA SAMPLE NO: 4
 DATE SAMPLED: 4/30/2024
 TIME SAMPLED: 12:40 PM
 DATE RECEIVED: 4/30/2024
 TIME RECEIVED: 4:05 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: FL-1 (8*) CHLORIDE EPA 300.0	980	100	mg/Kg (PPM)	KC/AS	5/2/2024	SOIL

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

COMPANY: LAMBDA ENERGY RESOURCES, LLC
 PROJECT NO: 240223
 LOCATION: HEJL & ST. BEAR LAKE 1-17
 MI
 SAMPLED BY: TSA/PRK - GCES

GTA PROJECT NO: 043024-12
 GTA SAMPLE NO: 5
 DATE SAMPLED: 4/30/2024
 TIME SAMPLED: 1:08 PM
 DATE RECEIVED: 4/30/2024
 TIME RECEIVED: 4:05 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: HA-4 (3') CHLORIDE EPA 300.0	ND	97	mg/Kg (PPM)	KC/AS	5/2/2024	SOIL

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

COMPANY: LAMBDA ENERGY RESOURCES, LLC
 PROJECT NO: 240223
 LOCATION: HEJL & ST. BEAR LAKE 1-17

GTA PROJECT NO: 043024-12
 GTA SAMPLE NO: 6
 DATE SAMPLED: 4/30/2024
 TIME SAMPLED: 1:23 PM
 DATE RECEIVED: 4/30/2024
 TIME RECEIVED: 4:05 PM

SAMPLED BY: MI
 TSA/PRK - GCES

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: HA-4 (6')						
	CHLORIDE EPA 300.0	ND	110	mg/Kg (PPM)	KC/AS	5/2/2024	SOIL

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

COMPANY: LAMBDA ENERGY RESOURCES, LLC
 PROJECT NO: 240223
 LOCATION: HEJL & ST. BEAR LAKE 1-17

GTA PROJECT NO: 043024-12
 GTA SAMPLE NO: 7
 DATE SAMPLED: 4/30/2024
 TIME SAMPLED: 1:20 PM
 DATE RECEIVED: 4/30/2024
 TIME RECEIVED: 4:05 PM

SAMPLED BY: MI
 TSA/PRK - GCES

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: FL-5 (6')	CHLORIDE EPA 300.0	510	120	mg/Kg (PPM)	KC/AS	5/2/2024	SOIL

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

COMPANY: LAMBDA ENERGY RESOURCES, LLC

PROJECT NO: 240223

LOCATION: HEJL & ST. BEAR LAKE 1-17

GTA PROJECT NO: 043024-12

GTA SAMPLE NO: 8

DATE SAMPLED: 4/30/2024

TIME SAMPLED: 1:50 PM

DATE RECEIVED: 4/30/2024

TIME RECEIVED: 4:05 PM

MI

SAMPLED BY: TSA/PRK - GCES

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: FL-5 (7.5') CHLORIDE EPA 300.0	ND	120	mg/Kg (PPM)	KC/AS	5/2/2024	SOIL

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

COMPANY: LAMBDA ENERGY RESOURCES, LLC

PROJECT NO: 240223

LOCATION: HEJL & ST. BEAR LAKE 1-17

GTA PROJECT NO: 043024-12

GTA SAMPLE NO: 9

DATE SAMPLED: 4/30/2024

TIME SAMPLED: 1:54 PM

DATE RECEIVED: 4/30/2024

TIME RECEIVED: 4:05 PM

MI

SAMPLED BY: TSA/PRK - GCES

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-8 (4')	CHLORIDE EPA 300.0	ND	100	mg/Kg (PPM)	KC/AS	5/2/2024	SOIL

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

COMPANY: LAMBDA ENERGY RESOURCES, LLC
 PROJECT NO: 240223
 LOCATION: HEJL & ST. BEAR LAKE 1-17

GTA PROJECT NO: 043024-12
 GTA SAMPLE NO: 10
 DATE SAMPLED: 4/30/2024
 TIME SAMPLED: 2:03 PM
 DATE RECEIVED: 4/30/2024
 TIME RECEIVED: 4:05 PM

SAMPLED BY: MI
 TSA/PRK - GCES

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-9 (4') CHLORIDE EPA 300.0	ND	98	mg/Kg (PPM)	KC/AS	5/2/2024	SOIL

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



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

GTA PROJECT NO: 043024-12

NAME:

SAMPLED BY: TSA/PRK - GCES

PROJECT NO: 240223

DATE SAMPLED: 4/30/2024

LOCATION: HEJL & ST. BEAR LAKE 1-17

SAMPLE SOIL

MI

DATE RECEIVED: 4/30/2024

TIME RECEIVED: 4:05 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: HA-3 (4') % MOISTURE EPA 3550C	4.4	0.10	% OF SAMPLE	AS	4/30/2024
SAMPLE ID: HA-3 (8') % MOISTURE EPA 3550C	15	0.10	% OF SAMPLE	AS	4/30/2024
SAMPLE ID: SW-7 (4') % MOISTURE EPA 3550C	7.3	0.10	% OF SAMPLE	AS	4/30/2024
SAMPLE ID: FL-1 (8') % MOISTURE EPA 3550C	6.9	0.10	% OF SAMPLE	AS	4/30/2024
SAMPLE ID: HA-4 (3') % MOISTURE EPA 3550C	7.0	0.10	% OF SAMPLE	AS	4/30/2024
SAMPLE ID: HA-4 (6') % MOISTURE EPA 3550C	7.4	0.10	% OF SAMPLE	AS	4/30/2024
SAMPLE ID: FL-5 (6') % MOISTURE EPA 3550C	13	0.10	% OF SAMPLE	AS	4/30/2024
SAMPLE ID: FL-5 (7.5') % MOISTURE EPA 3550C	15		mg/L (PPM)	KC	
SAMPLE ID: SW-8 (4') % MOISTURE EPA 3550C	6.9	0.10	% OF SAMPLE	AS	4/30/2024
SAMPLE ID: SW-9 (4') % MOISTURE EPA 3550C	5.8	0.10	% OF SAMPLE	AS	4/30/2024

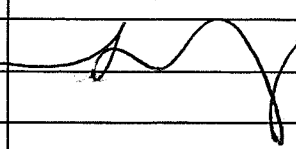
CHAIN OF CUSTODY

PROJECT NUMBER 240223	SITE NAME/ADDRESS Hejl & St. Bear Lake 1-17	COMPANY/NAME LER
SAMPLED BY TSA/PRK	COMPANY GCEs	GTA PROJECT # 043024-12

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS	
1	HA-3 (4')	4-30-24	11:45	Soil	BTEX +4, chloride	
2	HA-3 (8')		12:00			
3	SW-7 (4')		12:20			
4	FL-1 (8')		12:40			
5	HA-4 (3')		13:08			
6	HA-4 (6')		13:23			
7	FL-5 (6')		13:20			
8	FL-5 (7.5')		13:50			
9	SW-8 (4')		13:54			
10	SW-9 (4')		14:03			

BILL TO: LER	TempRec: <input type="checkbox"/> On Ice? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N 2.2°C	REPORT TO: J. Simsa
------------------------	--	-------------------------------

RELEASED BY Trevor Ackler	DATE/TIME Jaw am 4-30-24@ 4:05	RECEIVED BY 	DATE/TIME 4/30/24 4:05
-------------------------------------	---	--	----------------------------------

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