



**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: 2018100137.03  
GTA ProjNo: 051424-1

Site Addr: BEAR LAKE 32

Sampled By: TA/PK - GCES

Date Rec: 5/14/2024

Time Rec: 9:20 AM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	HA-1 (7')	5/13/2024	11:27 AM	SOIL
2	HA-1 (13')	5/13/2024	12:30 PM	SOIL
3	HA-1 (18')	5/13/2024	12:46 PM	SOIL
4	HA-2 (6')	5/13/2024	1:20 PM	SOIL
5	HA-2 (13')	5/13/2024	1:33 PM	SOIL
6	HA-3 (6')	5/13/2024	1:50 PM	SOIL
7	HA-3 (12.5')	5/13/2024	2:03 PM	SOIL
8	HA-4 (6')	5/13/2024	2:30 PM	SOIL
9	HA-4 (12.5')	5/13/2024	2:45 PM	SOIL
10	HA-5 (6')	5/13/2024	3:12 PM	SOIL
11	HA-5 (12.5')	5/13/2024	3:23 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

PROJECT NO: 2018100137.03

LOCATION: BEAR LAKE 32

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: HA-1 (7')

GTA PROJECT NO: 051424-1

GTA SAMPLE NO: 1

DATE SAMPLED: 5/13/2024

TIME SAMPLED: 11:27 AM

DATE RECEIVED: 5/14/2024

TIME RECEIVED: 9:20 AM

SAMPLED BY: TA/PK - 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	4,200	50	ug/Kg (PPB)	KC/TR	5/13/2024	5/15/2024	EPA 5035A
Toluene	9,600	50					
Ethylbenzene	400	50					
Xylene(Total)	990	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

PROJECT NO: 2018100137.03

LOCATION: BEAR LAKE 32

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: HA-1 (13')

GTA PROJECT NO: 051424-1

GTA SAMPLE NO: 2

DATE SAMPLED: 5/13/2024

TIME SAMPLED: 12:30 PM

DATE RECEIVED: 5/14/2024

TIME RECEIVED: 9:20 AM

SAMPLED BY: TA/PK - GCES

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**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	68,000	1,200	ug/Kg (PPB)	KC/TR	5/13/2024	5/15/2024	EPA 5035A
Toluene	49,000	1,200					
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: 2018100137.03  
 LOCATION: BEAR LAKE 32

GTA PROJECT NO: 051424-1  
 GTA SAMPLE NO: 3  
 DATE SAMPLED: 5/13/2024  
 TIME SAMPLED: 12:46 PM  
 DATE RECEIVED: 5/14/2024  
 TIME RECEIVED: 9:20 AM

MI

SAMPLE MATRIX: SOIL  
 SAMPLE ID: HA-1 (18')

SAMPLED BY: TA/PK - 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	1,000	1,200	ug/Kg (PPB)	KC/TR	5/13/2024	5/15/2024	EPA 5035A
Toluene	360	1,200					
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:	051424-1
PROJECT NO:	2018100137.03	GTA SAMPLE NO:	4
LOCATION:	BEAR LAKE 32	DATE SAMPLED:	5/13/2024
		TIME SAMPLED:	1:20 PM
		DATE RECEIVED:	5/14/2024
	MI	TIME RECEIVED:	9:20 AM
SAMPLE MATRIX:	SOIL	SAMPLED BY:	TA/PK - GCES
SAMPLE ID:	HA-2 (6)	**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	230	50	ug/Kg (PPB)	KC/TR	5/13/2024	5/15/2024	EPA 5035A
Toluene	240	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: 2018100137.03  
 LOCATION: BEAR LAKE 32  
 MI  
 SAMPLE MATRIX: SOIL  
 SAMPLE ID: HA-2 (13')

GTA PROJECT NO: 051424-1  
 GTA SAMPLE NO: 5  
 DATE SAMPLED: 5/13/2024  
 TIME SAMPLED: 1:33 PM  
 DATE RECEIVED: 5/14/2024  
 TIME RECEIVED: 9:20 AM

SAMPLED BY: TA/PK - 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	3,700	50	ug/Kg (PPB)	KC/TR	5/13/2024	5/15/2024	EPA 5035A
Toluene	2,000	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  
 PROJECT NO: 2018100137.03  
 LOCATION: BEAR LAKE 32  
 MI  
 SAMPLE MATRIX: SOIL  
 SAMPLE ID: HA-3 (6)

GTA PROJECT NO: 051424-1  
 GTA SAMPLE NO: 6  
 DATE SAMPLED: 5/13/2024  
 TIME SAMPLED: 1:50 PM  
 DATE RECEIVED: 5/14/2024  
 TIME RECEIVED: 9:20 AM

SAMPLED BY: TA/PK - 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	770	50	ug/Kg (PPB)	KC/TR	5/13/2024	5/15/2024	EPA 5035A
Toluene	480	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: 2018100137.03  
 LOCATION: BEAR LAKE 32  
 MI  
 SAMPLE MATRIX: SOIL  
 SAMPLE ID: HA-3 (12.5')

GTA PROJECT NO: 051424-1  
 GTA SAMPLE NO: 7  
 DATE SAMPLED: 5/13/2024  
 TIME SAMPLED: 2:03 PM  
 DATE RECEIVED: 5/14/2024  
 TIME RECEIVED: 9:20 AM

SAMPLED BY: TA/PK - 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	830	50	ug/Kg (PPB)	KC/TR	5/13/2024	5/15/2024	EPA 5035A
Toluene	230	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:	051424-1
PROJECT NO:	2018100137.03	GTA SAMPLE NO:	8
LOCATION:	BEAR LAKE 32	DATE SAMPLED:	5/13/2024
		TIME SAMPLED:	2:30 PM
		DATE RECEIVED:	5/14/2024
	MI	TIME RECEIVED:	9:20 AM
SAMPLE MATRIX:	SOIL	SAMPLED BY:	TA/PK - GCES
SAMPLE ID:	HA-4 (6)	**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	680	50	ug/Kg (PPB)	KC/TR	5/13/2024	5/15/2024	EPA 5035A
Toluene	850	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: 2018100137.03  
 LOCATION: BEAR LAKE 32  
 MI  
 SAMPLE MATRIX: SOIL  
 SAMPLE ID: HA-4 (12.5')

GTA PROJECT NO: 051424-1  
 GTA SAMPLE NO: 9  
 DATE SAMPLED: 5/13/2024  
 TIME SAMPLED: 2:45 PM  
 DATE RECEIVED: 5/14/2024  
 TIME RECEIVED: 9:20 AM

SAMPLED BY: TA/PK - 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	4,900	50	ug/Kg (PPB)	KC/TR	5/13/2024	5/15/2024	EPA 5035A
Toluene	2,300	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: 2018100137.03  
 LOCATION: BEAR LAKE 32  
 MI  
 SAMPLE MATRIX: SOIL  
 SAMPLE ID: HA-5 (6)

GTA PROJECT NO: 051424-1  
 GTA SAMPLE NO: 10  
 DATE SAMPLED: 5/13/2024  
 TIME SAMPLED: 3:12 PM  
 DATE RECEIVED: 5/14/2024  
 TIME RECEIVED: 9:20 AM

SAMPLED BY: TA/PK - 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	790	50	ug/Kg (PPB)	KC/TR	5/13/2024	5/15/2024	EPA 5035A
Toluene	510	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: 2018100137.03  
 LOCATION: BEAR LAKE 32

GTA PROJECT NO: 051424-1  
 GTA SAMPLE NO: 11  
 DATE SAMPLED: 5/13/2024  
 TIME SAMPLED: 3:23 PM  
 DATE RECEIVED: 5/14/2024  
 TIME RECEIVED: 9:20 AM

MI

SAMPLE MATRIX: SOIL  
 SAMPLE ID: HA-5 (12.5')

SAMPLED BY: TA/PK - GCES

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**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	4,600	50	ug/Kg (PPB)	KC/TR	5/13/2024	5/15/2024	EPA 5035A
Toluene	2,200	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.

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COMPANY: LAMBDA ENERGY RESOURCES, LLC  
PROJECT NO: 2018100137.03  
LOCATION: BEAR LAKE 32

GTA PROJECT NO: 051424-1  
GTA SAMPLE NO: 1  
DATE SAMPLED: 5/13/2024  
TIME SAMPLED: 11:27 AM  
DATE RECEIVED: 5/14/2024  
TIME RECEIVED: 9:20 AM

MI  
SAMPLED BY: TA/PK - 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-1 (7') CHLORIDE EPA 300.0	ND	100	mg/Kg (PPM)	KC/TR	5/14/2024	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: 2018100137.03  
 LOCATION: BEAR LAKE 32

GTA PROJECT NO: 051424-1  
 GTA SAMPLE NO: 2  
 DATE SAMPLED: 5/13/2024  
 TIME SAMPLED: 12:30 PM  
 DATE RECEIVED: 5/14/2024  
 TIME RECEIVED: 9:20 AM

MI  
 SAMPLED BY: TA/PK - 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-1 (13') CHLORIDE EPA 300.0	ND	100	mg/Kg (PPM)	KC/TR	5/14/2024	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: 2018100137.03  
 LOCATION: BEAR LAKE 32

GTA PROJECT NO: 051424-1  
 GTA SAMPLE NO: 3  
 DATE SAMPLED: 5/13/2024  
 TIME SAMPLED: 12:46 PM  
 DATE RECEIVED: 5/14/2024  
 TIME RECEIVED: 9:20 AM

MI  
 SAMPLED BY: TA/PK - 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-1 (18") CHLORIDE EPA 300.0	ND	100	mg/Kg (PPM)	KC/TR	5/14/2024	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: 2018100137.03  
 LOCATION: BEAR LAKE 32

GTA PROJECT NO: 051424-1  
 GTA SAMPLE NO: 5  
 DATE SAMPLED: 5/13/2024  
 TIME SAMPLED: 1:33 PM  
 DATE RECEIVED: 5/14/2024  
 TIME RECEIVED: 9:20 AM

MI  
 SAMPLED BY: TA/PK - 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-2 (13') CHLORIDE EPA 300.0	ND	110	mg/Kg (PPM)	KC/TR	5/14/2024	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: 2018100137.03

LOCATION: BEAR LAKE 32

GTA PROJECT NO: 051424-1

GTA SAMPLE NO: 6

DATE SAMPLED: 5/13/2024

TIME SAMPLED: 1:50 PM

DATE RECEIVED: 5/14/2024

TIME RECEIVED: 9:20 AM

MI

SAMPLED BY: TA/PK - 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 (6')	ND	100	mg/Kg (PPM)	KC/TR	5/14/2024	SOIL
	CHLORIDE EPA 300.0						

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: 2018100137.03

LOCATION: BEAR LAKE 32

GTA PROJECT NO: 051424-1

GTA SAMPLE NO: 7

DATE SAMPLED: 5/13/2024

TIME SAMPLED: 2:03 PM

DATE RECEIVED: 5/14/2024

TIME RECEIVED: 9:20 AM

MI

SAMPLED BY: TA/PK - GCES

**SAMPLE ANALYSIS**

**No: Analysis**

SAMPLE ID: HA-3 (12.5')

CHLORIDE EPA 300.0

<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
ND	100	mg/Kg (PPM)	KC/TR	5/14/2024	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: 2018100137.03  
 LOCATION: BEAR LAKE 32

GTA PROJECT NO: 051424-1  
 GTA SAMPLE NO: 8  
 DATE SAMPLED: 5/13/2024  
 TIME SAMPLED: 2:30 PM  
 DATE RECEIVED: 5/14/2024  
 TIME RECEIVED: 9:20 AM

MI  
 SAMPLED BY: TA/PK - 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')	ND	100	mg/Kg (PPM)	KC/TR	5/14/2024	SOIL
	CHLORIDE EPA 300.0						

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: 2018100137.03  
 LOCATION: BEAR LAKE 32

GTA PROJECT NO: 051424-1  
 GTA SAMPLE NO: 9  
 DATE SAMPLED: 5/13/2024  
 TIME SAMPLED: 2:45 PM  
 DATE RECEIVED: 5/14/2024  
 TIME RECEIVED: 9:20 AM

SAMPLED BY: MI  
 TA/PK - 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 (12.5') CHLORIDE EPA 300.0	ND	120	mg/Kg (PPM)	KC/TR	5/14/2024	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: 2018100137.03  
 LOCATION: BEAR LAKE 32

GTA PROJECT NO: 051424-1  
 GTA SAMPLE NO: 10  
 DATE SAMPLED: 5/13/2024  
 TIME SAMPLED: 3:12 PM  
 DATE RECEIVED: 5/14/2024  
 TIME RECEIVED: 9:20 AM

SAMPLED BY: MI  
 TA/PK - 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-5 (6') CHLORIDE EPA 300.0	ND	110	mg/Kg (PPM)	KC/TR	5/14/2024	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: 2018100137.03  
 LOCATION: BEAR LAKE 32

GTA PROJECT NO: 051424-1  
 GTA SAMPLE NO: 11  
 DATE SAMPLED: 5/13/2024  
 TIME SAMPLED: 3:23 PM  
 DATE RECEIVED: 5/14/2024  
 TIME RECEIVED: 9:20 AM

MI  
 SAMPLED BY: TA/PK - 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-5 (12.5') CHLORIDE EPA 300.0	ND	110	mg/Kg (PPM)	KC/TR	5/14/2024	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

NAME:  
PROJECT NO: 2018100137.03

LOCATION: BEAR LAKE 32  
  
MI

GTA PROJECT NO: 051424-1  
SAMPLED BY: TA/PK - GCES

DATE SAMPLED: 5/13/2024

SAMPLE SOIL

DATE RECEIVED: 5/14/2024  
TIME RECEIVED: 9:20 AM

**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-1 (7') % MOISTURE EPA 3550C	3.7	0.10	% OF SAMPLE	TR	5/14/2024
SAMPLE ID: HA-1 (13') % MOISTURE EPA 3550C	5.3	0.10	% OF SAMPLE	TR	5/14/2024
SAMPLE ID: HA-1 (18') % MOISTURE EPA 3550C	3.4	0.10	% OF SAMPLE	TR	5/14/2024
SAMPLE ID: HA-2 (6') % MOISTURE EPA 3550C	4.8	0.10	% OF SAMPLE	TR	5/14/2024
SAMPLE ID: HA-2 (13') % MOISTURE EPA 3550C	11	0.10	% OF SAMPLE	TR	5/14/2024
SAMPLE ID: HA-3 (6') % MOISTURE EPA 3550C	6.4	0.10	% OF SAMPLE	TR	5/14/2024
SAMPLE ID: HA-3 (12.5') % MOISTURE EPA 3550C	4.9	0.10	% OF SAMPLE	TR	5/14/2024
SAMPLE ID: HA-4 (6') % MOISTURE EPA 3550C	5.1	0.10	% OF SAMPLE	TR	5/14/2024
SAMPLE ID: HA-4 (12.5') % MOISTURE EPA 3550C	17	0.10	% OF SAMPLE	TR	5/14/2024
SAMPLE ID: HA-5 (6') % MOISTURE EPA 3550C	9.2	0.10	% OF SAMPLE	TR	5/14/2024
SAMPLE ID: HA-5 (12.5') % MOISTURE EPA 3550C	7.6	0.10	% OF SAMPLE	TR	5/14/2024

**CHAIN OF CUSTODY**

PROJECT NUMBER <b>2018100137.03</b>	SITE NAME/ADDRESS <b>Bear Lake 32</b>	COMPANY/NAME <b>Lambda Energy</b>
SAMPLED BY <b>T. Ackler / P. Kallioinen</b>	COMPANY <b>Gosling Czabak</b>	GTA PROJECT # <b>051424-1</b>

**SAMPLE INFORMATION**

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	HA-1 (7')	5-13-24	11:27	Soil	BTEX +4, chloride
2	HA-1 (13')		12:30		
3	HA-1 (18')		12:46		
4	HA-2 (6')		13:20		
5	HA-2 (13')		13:33		
6	HA-3 (6')		13:50		
7	HA-3 (12.5')		14:03		
8	HA-4 (6')		14:30		
9	HA-4 (12.5')		14:45		
10	HA-5 (6')		15:12		
11	HA-5 (12.5')		15:23		

*3 day*

BILL TO: <b>Lambda</b>	TempRec: <input type="checkbox"/> <b>3.1°C</b>	On Ice? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	REPORT TO: <b>J. Simsa</b>
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RELEASED BY <b>Trevor Ackler J.m aw</b>	DATE/TIME <b>5-14-24 @</b>	RECEIVED BY <b>Trevor Ackler</b>	DATE/TIME <b>5-14-24 9:20am</b>
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REQUESTED TAT  STANDARD  1 BUSINESS DAY  3 BUSINESS DAYS

*2 day dock*