

**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: 2018100123.03
GTA ProjNo: 070324-1

Site Addr: BEAR LAKE 22

Sampled By: JFR//GCES

Date Rec: 7/3/2024

Time Rec: 9:20 AM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	VW-2024-7 (2')	7/2/2024	1:30 PM	SOIL
2	VW-2024-7 (16')	7/2/2024	1:50 PM	SOIL
3	VW-2024-6 (4')	7/2/2024	2:25 PM	SOIL
4	VW-2024-6 (16')	7/2/2024	2:40 PM	SOIL
5	VW-2024-5 (4')	7/2/2024	3:00 PM	SOIL
6	VW-2024-5 (10')	7/2/2024	3:12 PM	SOIL
7	VW-2024-5 (15')	7/2/2024	3:24 PM	SOIL
8	VW-2024-4 (6')	7/2/2024	3:45 PM	SOIL
9	VW-2024-4 (16')	7/2/2024	4:00 PM	SOIL
10	VW-2024-3 (6')	7/2/2024	4:35 PM	SOIL
11	VW-2024-3 (16')	7/2/2024	4:55 PM	SOIL
12	VW-2024-1 (6')	7/2/2024	5:50 PM	SOIL
13	VW-2024-1 (16')	7/2/2024	6:05 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: 2018100123.03
LOCATION: BEAR LAKE 22

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: VW-2024-7 (2')

GTA PROJECT NO: 070324-1

GTA SAMPLE NO: 1

DATE SAMPLED: 7/2/2024

TIME SAMPLED: 1:30 PM

DATE RECEIVED: 7/3/2024

TIME RECEIVED: 9:20 AM

SAMPLED BY: JFR//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		7/2/2024	7/5/2024	EPA 5035A
Toluene	ND	50					
Ethylbenzene	470	50					
Xylene(Total)	45,000	1,500					
1,2,4-Trimethylbenzene	28,000	500					
1,3,5-Trimethylbenzene	6,300	500					
Naphthalene	850	250					
2-Methylnaphthalene	6,600	250					

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

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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PROJECT NO: 2018100123.03
LOCATION: BEAR LAKE 22

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: VW-2024-7 (16')

GTA PROJECT NO: 070324-1

GTA SAMPLE NO: 2

DATE SAMPLED: 7/2/2024

TIME SAMPLED: 1:50 PM

DATE RECEIVED: 7/3/2024

TIME RECEIVED: 9:20 AM

SAMPLED BY: JFR//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		7/2/2024	7/5/2024	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					

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COMPANY: LAMBDA ENERGY RESOURCES, LLC

PROJECT NO: 2018100123.03
LOCATION: BEAR LAKE 22

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: VW-2024-6 (4')

GTA PROJECT NO: 070324-1

GTA SAMPLE NO: 3

DATE SAMPLED: 7/2/2024

TIME SAMPLED: 2:25 PM

DATE RECEIVED: 7/3/2024

TIME RECEIVED: 9:20 AM

SAMPLED BY: JFR//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	ND	50	ug/Kg (PPB) MR		7/2/2024	7/5/2024	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					

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COMPANY: LAMBDA ENERGY RESOURCES, LLC

PROJECT NO: 2018100123.03
LOCATION: BEAR LAKE 22

MI

SAMPLE MATRIX: SOIL
SAMPLE ID: VW-2024-6 (16')

GTA PROJECT NO: 070324-1

GTA SAMPLE NO: 4

DATE SAMPLED: 7/2/2024

TIME SAMPLED: 2:40 PM

DATE RECEIVED: 7/3/2024

TIME RECEIVED: 9:20 AM

SAMPLED BY: JFR//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		7/2/2024	7/5/2024	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					

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PROJECT NO: 2018100123.03
LOCATION: BEAR LAKE 22

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: VW-2024-5 (4')

GTA PROJECT NO: 070324-1

GTA SAMPLE NO: 5

DATE SAMPLED: 7/2/2024

TIME SAMPLED: 3:00 PM

DATE RECEIVED: 7/3/2024

TIME RECEIVED: 9:20 AM

SAMPLED BY: JFR//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	3,200	500	ug/Kg (PPB) MR		7/2/2024	7/5/2024	EPA 5035A
Toluene	45,000	500					
Ethylbenzene	18,000	500					
Xylene(Total)	91,000	1,500					
1,2,4-Trimethylbenzene	57,000	500					
1,3,5-Trimethylbenzene	13,000	500					
Naphthalene	1,500	250					
2-Methylnaphthalene	11,000	250					

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LOD = LIMIT OF DETECTION

COMPANY: LAMBDA ENERGY RESOURCES, LLC

PROJECT NO: 2018100123.03
LOCATION: BEAR LAKE 22

MI

SAMPLE MATRIX: SOIL
SAMPLE ID: VW-2024-5 (10')

GTA PROJECT NO: 070324-1
GTA SAMPLE NO: 6

DATE SAMPLED: 7/2/2024
TIME SAMPLED: 3:12 PM
DATE RECEIVED: 7/3/2024
TIME RECEIVED: 9:20 AM

SAMPLED BY: JFR//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	170	50	ug/Kg (PPB)	MR	7/2/2024	7/5/2024	EPA 5035A
Toluene	430	50					
Ethylbenzene	54	50					
Xylene(Total)	230	150					
1,2,4-Trimethylbenzene	69	50					
1,3,5-Trimethylbenzene	ND	50					
Naphthalene	ND	250					
2-Methylnaphthalene	ND	250					

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PROJECT NO: 2018100123.03
LOCATION: BEAR LAKE 22

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: VW-2024-5 (15')

GTA PROJECT NO: 070324-1

GTA SAMPLE NO: 7

DATE SAMPLED: 7/2/2024

TIME SAMPLED: 3:24 PM

DATE RECEIVED: 7/3/2024

TIME RECEIVED: 9:20 AM

SAMPLED BY: JFR//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	330	50	ug/Kg (PPB) MR		7/2/2024	7/5/2024	EPA 5035A
Toluene	3,300	50					
Ethylbenzene	1,300	50					
Xylene(Total)	6,100	150					
1,2,4-Trimethylbenzene	4,100	50					
1,3,5-Trimethylbenzene	870	50					
Naphthalene	ND	250					
2-Methylnaphthalene	1,000	250					

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PROJECT NO: 2018100123.03
LOCATION: BEAR LAKE 22

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: VW-2024-4 (6')

GTA PROJECT NO: 070324-1

GTA SAMPLE NO: 8

DATE SAMPLED: 7/2/2024

TIME SAMPLED: 3:45 PM

DATE RECEIVED: 7/3/2024

TIME RECEIVED: 9:20 AM

SAMPLED BY: JFR//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	ND	50	ug/Kg (PPB) MR		7/2/2024	7/5/2024	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					

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COMPANY: LAMBDA ENERGY RESOURCES, LLC

PROJECT NO: 2018100123.03
LOCATION: BEAR LAKE 22

MI

SAMPLE MATRIX: SOIL
SAMPLE ID: VW-2024-4 (16')

GTA PROJECT NO: 070324-1
GTA SAMPLE NO: 9

DATE SAMPLED: 7/2/2024
TIME SAMPLED: 4:00 PM
DATE RECEIVED: 7/3/2024
TIME RECEIVED: 9:20 AM

SAMPLED BY: JFR//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	ND	50	ug/Kg (PPB) MR		7/2/2024	7/5/2024	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					

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PROJECT NO: 2018100123.03
LOCATION: BEAR LAKE 22

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: VW-2024-3 (6')

GTA PROJECT NO: 070324-1

GTA SAMPLE NO: 10

DATE SAMPLED: 7/2/2024

TIME SAMPLED: 4:35 PM

DATE RECEIVED: 7/3/2024

TIME RECEIVED: 9:20 AM

SAMPLED BY: JFR//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		7/2/2024	7/5/2024	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					

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PROJECT NO: 2018100123.03
LOCATION: BEAR LAKE 22

MI

SAMPLE MATRIX: SOIL
SAMPLE ID: VW-2024-3 (16')GTA PROJECT NO: 070324-1
GTA SAMPLE NO: 11DATE SAMPLED: 7/2/2024
TIME SAMPLED: 4:55 PM
DATE RECEIVED: 7/3/2024
TIME RECEIVED: 9:20 AM

SAMPLED BY: JFR//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	ND	50	ug/Kg (PPB) MR		7/2/2024	7/5/2024	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.

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LOD = LIMIT OF DETECTION

COMPANY: LAMBDA ENERGY RESOURCES, LLC

PROJECT NO: 2018100123.03
LOCATION: BEAR LAKE 22

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: VW-2024-1 (6')

GTA PROJECT NO: 070324-1

GTA SAMPLE NO: 12

DATE SAMPLED: 7/2/2024

TIME SAMPLED: 5:50 PM

DATE RECEIVED: 7/3/2024

TIME RECEIVED: 9:20 AM

SAMPLED BY: JFR//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		7/2/2024	7/5/2024	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					

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PROJECT NO: 2018100123.03
LOCATION: BEAR LAKE 22

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: VW-2024-1 (16')

GTA PROJECT NO: 070324-1

GTA SAMPLE NO: 13

DATE SAMPLED: 7/2/2024

TIME SAMPLED: 6:05 PM

DATE RECEIVED: 7/3/2024

TIME RECEIVED: 9:20 AM

SAMPLED BY: JFR//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	ND	50	ug/Kg (PPB) MR		7/2/2024	7/5/2024	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					

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COMPANY: LAMBDA ENERGY RESOURCES, LLC

GTA PROJECT NO: 070324-1

PROJECT NO: 2018100123.03

GTA SAMPLE NO: 1

LOCATION: BEAR LAKE 22

DATE SAMPLED: 7/2/2024

TIME SAMPLED: 1:30 PM

DATE RECEIVED: 7/3/2024

TIME RECEIVED: 9:20 AM

MI

SAMPLED BY: JFR//GCES

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: VW-2024-7 (2')

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	7/8/2024	SOIL

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

s.u. = STANDARD pH UNITS REPORTED AT 25 C



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COMPANY: LAMBDA ENERGY RESOURCES, LLC

GTA PROJECT NO: 070324-1

PROJECT NO: 2018100123.03

GTA SAMPLE NO: 2

LOCATION: BEAR LAKE 22

DATE SAMPLED: 7/2/2024

TIME SAMPLED: 1:50 PM

DATE RECEIVED: 7/3/2024

TIME RECEIVED: 9:20 AM

MI

SAMPLED BY: JFR//GCES

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: VW-2024-7 (16')

CHLORIDE EPA 300.0

Concentration

LOD

Units

Analyst

Date Completed

Sample Matrix

ND

130

mg/Kg (PPM) KC/TR

7/8/2024

SOIL

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

s.u. = STANDARD pH UNITS REPORTED AT 25 C



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COMPANY: LAMBDA ENERGY RESOURCES, LLC

GTA PROJECT NO: 070324-1

PROJECT NO: 2018100123.03

GTA SAMPLE NO: 3

LOCATION: BEAR LAKE 22

DATE SAMPLED: 7/2/2024

TIME SAMPLED: 2:25 PM

DATE RECEIVED: 7/3/2024

TIME RECEIVED: 9:20 AM

MI

SAMPLED BY: JFR//GCES

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: VW-2024-6 (4')

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	110	mg/Kg (PPM)	KC/TR	7/8/2024	SOIL

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: LAMBDA ENERGY RESOURCES, LLC

GTA PROJECT NO: 070324-1

PROJECT NO: 2018100123.03

GTA SAMPLE NO: 4

LOCATION: BEAR LAKE 22

DATE SAMPLED: 7/2/2024

TIME SAMPLED: 2:40 PM

DATE RECEIVED: 7/3/2024

TIME RECEIVED: 9:20 AM

MI

SAMPLED BY: JFR//GCES

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: VW-2024-6 (16')

CHLORIDE EPA 300.0

Concentration

LOD

Units

Analyst

Date Completed

Sample Matrix

ND

100

mg/Kg (PPM) KC/TR

7/8/2024

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

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COMPANY: LAMBDA ENERGY RESOURCES, LLC

GTA PROJECT NO: 070324-1

PROJECT NO: 2018100123.03

GTA SAMPLE NO: 5

LOCATION: BEAR LAKE 22

DATE SAMPLED: 7/2/2024

TIME SAMPLED: 3:00 PM

DATE RECEIVED: 7/3/2024

TIME RECEIVED: 9:20 AM

MI

SAMPLED BY: JFR//GCES

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: VW-2024-5 (4')

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	110	mg/Kg (PPM)	KC/TR	7/8/2024	SOIL

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

s.u. = STANDARD pH UNITS REPORTED AT 25 C



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GTA PROJECT NO: 070324-1

PROJECT NO: 2018100123.03

GTA SAMPLE NO: 6

LOCATION: BEAR LAKE 22

DATE SAMPLED: 7/2/2024

TIME SAMPLED: 3:12 PM

DATE RECEIVED: 7/3/2024

TIME RECEIVED: 9:20 AM

MI

SAMPLED BY: JFR//GCES

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: VW-2024-5 (10')

CHLORIDE EPA 300.0

Concentration

LOD

Units

Analyst

Date Completed

Sample Matrix

ND

100

mg/Kg (PPM) KC/TR

7/8/2024

SOIL

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

s.u. = STANDARD pH UNITS REPORTED AT 25 C



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GTA PROJECT NO: 070324-1

PROJECT NO: 2018100123.03

GTA SAMPLE NO: 7

LOCATION: BEAR LAKE 22

DATE SAMPLED: 7/2/2024

TIME SAMPLED: 3:24 PM

DATE RECEIVED: 7/3/2024

TIME RECEIVED: 9:20 AM

MI

SAMPLED BY: JFR//GCES

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: VW-2024-5 (15')

CHLORIDE EPA 300.0

Concentration

LOD

Units

Analyst

Date Completed

Sample Matrix

ND

100

mg/Kg (PPM) KC/TR

7/8/2024

SOIL

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

s.u. = STANDARD pH UNITS REPORTED AT 25 C



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GTA PROJECT NO: 070324-1

PROJECT NO: 2018100123.03

GTA SAMPLE NO: 8

LOCATION: BEAR LAKE 22

DATE SAMPLED: 7/2/2024

TIME SAMPLED: 3:45 PM

DATE RECEIVED: 7/3/2024

TIME RECEIVED: 9:20 AM

MI

SAMPLED BY: JFR//GCES

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: VW-2024-4 (6')

CHLORIDE EPA 300.0

Concentration	LOD	Units	Analyst	Date Completed	Sample Matrix
ND	100	mg/Kg (PPM)	KC/TR	7/8/2024	SOIL

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

s.u. = STANDARD pH UNITS REPORTED AT 25 C



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GTA PROJECT NO: 070324-1

PROJECT NO: 2018100123.03

GTA SAMPLE NO: 9

LOCATION: BEAR LAKE 22

DATE SAMPLED: 7/2/2024

TIME SAMPLED: 4:00 PM

DATE RECEIVED: 7/3/2024

TIME RECEIVED: 9:20 AM

MI

SAMPLED BY: JFR//GCES

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: VW-2024-4 (16')

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	110	mg/Kg (PPM)	KC/TR	7/8/2024	SOIL

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

s.u. = STANDARD pH UNITS REPORTED AT 25 C



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COMPANY: LAMBDA ENERGY RESOURCES, LLC

GTA PROJECT NO: 070324-1

PROJECT NO: 2018100123.03

GTA SAMPLE NO: 10

LOCATION: BEAR LAKE 22

DATE SAMPLED: 7/2/2024

TIME SAMPLED: 4:35 PM

DATE RECEIVED: 7/3/2024

TIME RECEIVED: 9:20 AM

MI

SAMPLED BY: JFR//GCES

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: VW-2024-3 (6')

CHLORIDE EPA 300.0

Concentration	LOD	Units	Analyst	Date Completed	Sample Matrix
ND	100	mg/Kg (PPM)	KC/TR	7/8/2024	SOIL

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

s.u. = STANDARD pH UNITS REPORTED AT 25 C



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GTA PROJECT NO: 070324-1

PROJECT NO: 2018100123.03

GTA SAMPLE NO: 11

LOCATION: BEAR LAKE 22

DATE SAMPLED: 7/2/2024

TIME SAMPLED: 4:55 PM

DATE RECEIVED: 7/3/2024

TIME RECEIVED: 9:20 AM

MI

SAMPLED BY: JFR//GCES

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: VW-2024-3 (16')

CHLORIDE EPA 300.0

Concentration	LOD	Units	Analyst	Date Completed	Sample Matrix
ND	110	mg/Kg (PPM)	KC/TR	7/8/2024	SOIL

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

s.u. = STANDARD pH UNITS REPORTED AT 25 C



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GTA PROJECT NO: 070324-1

PROJECT NO: 2018100123.03

GTA SAMPLE NO: 12

LOCATION: BEAR LAKE 22

DATE SAMPLED: 7/2/2024

TIME SAMPLED: 5:50 PM

DATE RECEIVED: 7/3/2024

TIME RECEIVED: 9:20 AM

MI

SAMPLED BY: JFR//GCES

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: VW-2024-1 (6')

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	110	mg/Kg (PPM)	KC/TR	7/8/2024	SOIL

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

s.u. = STANDARD pH UNITS REPORTED AT 25 C



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COMPANY: LAMBDA ENERGY RESOURCES, LLC

GTA PROJECT NO: 070324-1

PROJECT NO: 2018100123.03

GTA SAMPLE NO: 13

LOCATION: BEAR LAKE 22

DATE SAMPLED: 7/2/2024

TIME SAMPLED: 6:05 PM

DATE RECEIVED: 7/3/2024

TIME RECEIVED: 9:20 AM

MI

SAMPLED BY: JFR//GCES

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: VW-2024-1 (16')

CHLORIDE EPA 300.0

Concentration

LOD

Units

Analyst

Date Completed

Sample Matrix

ND

120

mg/Kg (PPM) KC/TR

7/8/2024

SOIL

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

s.u. = STANDARD pH UNITS REPORTED AT 25 C



INDEPENDENT TESTING LAB

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FAX: 231-929-0894

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COMPANY: LAMBDA ENERGY RESOURCES, LLC

GTA PROJECT NO: 070324-1
SAMPLED BY: JFR/GCES

NAME:
PROJECT NO: 2018100123.03

DATE SAMPLED: 7/2/2024

LOCATION: BEAR LAKE 22

SAMPLE SOIL

DATE RECEIVED: 7/3/2024
TIME RECEIVED: 9:20 AM

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: VW-2024-7 (2')					
	% MOISTURE EPA 3550C	6.0	0.10	% OF SAMPLE	AS	7/8/2024
	SAMPLE ID: VW-2024-7 (16')					
	% MOISTURE EPA 3550C	21	0.10	% OF SAMPLE	AS	7/8/2024
	SAMPLE ID: VW-2024-6 (4')					
	% MOISTURE EPA 3550C	7.6	0.10	% OF SAMPLE	AS	7/8/2024
	SAMPLE ID: VW-2024-6 (16')					
	% MOISTURE EPA 3550C	4.0	0.10	% OF SAMPLE	AS	7/8/2024
	SAMPLE ID: VW-2024-5 (4')					
	% MOISTURE EPA 3550C	7.9	0.10	% OF SAMPLE	AS	7/8/2024
	SAMPLE ID: VW-2024-5 (10')					
	% MOISTURE EPA 3550C	6.5	0.10	% OF SAMPLE	AS	7/8/2024
	SAMPLE ID: VW-2024-5 (15')					
	% MOISTURE EPA 3550C	5.9	0.10	% OF SAMPLE	AS	7/8/2024
	SAMPLE ID: VW-2024-4 (6')					
	% MOISTURE EPA 3550C	3.8	0.10	% OF SAMPLE	AS	7/8/2024
	SAMPLE ID: VW-2024-4 (16')					
	% MOISTURE EPA 3550C	9.7	0.10	% OF SAMPLE	AS	7/8/2024
	SAMPLE ID: VW-2024-3 (6')					
	% MOISTURE EPA 3550C	5.0	0.10	% OF SAMPLE	AS	7/8/2024
	SAMPLE ID: VW-2024-3 (16')					
	% MOISTURE EPA 3550C	15	0.10	% OF SAMPLE	AS	7/8/2024
	SAMPLE ID: VW-2024-1 (6')					
	% MOISTURE EPA 3550C	13	0.10	% OF SAMPLE	AS	7/8/2024
	SAMPLE ID: VW-2024-1 (16')					
	% MOISTURE EPA 3550C	18	0.10	% OF SAMPLE	AS	7/8/2024

CHAIN OF CUSTODY

PROJECT NUMBER 2018100123.03	SITE NAME/ADDRESS Beer Lake 22	COMPANY/NAME Lambda Energy Resources
SAMPLED BY JFR	COMPANY GCEs	GTA PROJECT # 070324-1

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	VW-2024-7 (2')	1/2/24	13:30	soil	BTEX + 4, chloride
2	VW-2024-7 (16')		13:50		
3	VW-2024-6 (4')		14:25		
4	VW-2024-6 (16')		14:40		
5	VW-2024-5 (4')		15:00		
6	VW-2024-5 (10')		15:12		
7	VW-2024-5 (15')		15:24		
8	VW-2024-4 (6')		15:45		
9	VW-2024-4 (16')		16:00		
10	VW-2024-3 (6')		16:35		
11	VW-2024-3 (16')		16:55		
12	VW-2024-1 (6')		17:50		
13	VW-2024-1 (16')		18:05		

BILL TO:

GCEs

TempRec: ☐

On Ice? ☒ ☐

2.3°C

REPORT TO:

J. Simsen

RELEASED BY

DATE/TIME

Trevor Adler **7-3-24 @ 9:20**

RECEIVED BY

DATE/TIME

Trevor Adler **7-3-24 9:20am**

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