

**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: 20-122

GTA ProjNo: 021122-3

Site Addr: KALKASKA 5

Sampled By: WPM/OMPC

Date Rec: 2/11/2022

Time Rec: 9:50 AM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-20D	2/8/2022	12:45 PM	WATER
2	MW-22D	2/8/2022	12:50 PM	WATER
3	MW-23	2/8/2022	3:00 PM	WATER
4	MW-23D	2/8/2022	4:10 PM	WATER
5	MW-25D	2/8/2022	1:30 PM	WATER
6	MW-28DD	2/8/2022	10:15 AM	WATER
7	MW-29D	2/8/2022	11:50 AM	WATER
8	MW-30D	2/8/2022	11:30 AM	WATER
9	MW-33D	2/8/2022	3:50 PM	WATER
10	MW-34D	2/8/2022	4:56 PM	WATER
11	MW-46	2/8/2022	9:45 AM	WATER
12	MW-49	2/8/2022	5:10 PM	WATER
13	MW-1	2/8/2022	3:20 PM	WATER

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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Fx: 231-929-0894
SP: 231-590-0291
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COMPANY: LAMBDA ENERGY RESOURCES, LLC

GTA PROJECT NO: 021122-3

PROJECT NO: 20-122

GTA SAMPLE NO: 1

LOCATION: KALKASKA 5

DATE SAMPLED: 2/8/2022

TIME SAMPLED: 12:45 PM

DATE RECEIVED: 2/11/2022

TIME RECEIVED: 9:50 AM

MI

SAMPLED BY: WPM/OMPC

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-20D

CHLORIDE EPA 300.0

Concentration

ND

LOD

10

Units

mg/L (PPM)

Analyst

TR

Date Completed

2/18/2022

Sample

WATER

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: 021122-3

PROJECT NO: 20-122

GTA SAMPLE NO: 2

LOCATION: KALKASKA 5

DATE SAMPLED: 2/8/2022

TIME SAMPLED: 12:50 PM

DATE RECEIVED: 2/11/2022

TIME RECEIVED: 9:50 AM

MI

SAMPLED BY: WPM/OMPC

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-22D

CHLORIDE EPA 300.0

Concentration

88

LOD

10

Units

mg/L (PPM)

Analyst

TR

Date Completed

2/18/2022

Sample

WATER

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COMPANY: LAMBDA ENERGY RESOURCES, LLC

GTA PROJECT NO: 021122-3

PROJECT NO: 20-122

GTA SAMPLE NO: 3

LOCATION: KALKASKA 5

DATE SAMPLED: 2/8/2022

TIME SAMPLED: 3:00 PM

DATE RECEIVED: 2/11/2022

TIME RECEIVED: 9:50 AM

MI

SAMPLED BY: WPM/OMPC

SAMPLE ANALYSIS**No: Analysis**

SAMPLE ID: MW-23

CHLORIDE EPA 300.0

Concentration

150

LOD

10

Units

mg/L (PPM)

Analyst

TR

Date Completed

2/18/2022

Sample

WATER

ND = NOT DETECTED, RESULT < LOD

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

COMPANY: LAMBDA ENERGY RESOURCES, LLC

GTA PROJECT NO: 021122-3

PROJECT NO: 20-122

GTA SAMPLE NO: 4

LOCATION: KALKASKA 5

DATE SAMPLED: 2/8/2022

TIME SAMPLED: 4:10 PM

DATE RECEIVED: 2/11/2022

TIME RECEIVED: 9:50 AM

MI

SAMPLED BY: WPM/OMPC

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-23D

CHLORIDE EPA 300.0

Concentration

LOD

Units

Analyst

Date Completed

Sample

1,300

50

mg/L (PPM)

TR

2/18/2022

WATER

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COMPANY: LAMBDA ENERGY RESOURCES, LLC

GTA PROJECT NO: 021122-3

PROJECT NO: 20-122

GTA SAMPLE NO: 5

LOCATION: KALKASKA 5

DATE SAMPLED: 2/8/2022

TIME SAMPLED: 1:30 PM

DATE RECEIVED: 2/11/2022

TIME RECEIVED: 9:50 AM

MI

SAMPLED BY: WPM/OMPC

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-25D

CHLORIDE EPA 300.0

Concentration

300

LOD

10

Units

mg/L (PPM)

Analyst

TR

Date Completed

2/18/2022

Sample

WATER

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COMPANY: LAMBDA ENERGY RESOURCES, LLC

GTA PROJECT NO: 021122-3

PROJECT NO: 20-122

GTA SAMPLE NO: 6

LOCATION: KALKASKA 5

DATE SAMPLED: 2/8/2022

TIME SAMPLED: 10:15 AM

DATE RECEIVED: 2/11/2022

TIME RECEIVED: 9:50 AM

MI

SAMPLED BY: WPM/OMPC

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-28DD

CHLORIDE EPA 300.0

<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample</u>
280	10	mg/L (PPM)	TR	2/18/2022	WATER

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COMPANY: LAMBDA ENERGY RESOURCES, LLC

PROJECT NO: 20-122

LOCATION: KALKASKA 5

GTA PROJECT NO: 021122-3

GTA SAMPLE NO: 7

DATE SAMPLED: 2/8/2022

TIME SAMPLED: 11:50 AM

DATE RECEIVED: 2/11/2022

TIME RECEIVED: 9:50 AM

SAMPLED BY: MI
WPM/OMPC**SAMPLE ANALYSIS****No: Analysis**

SAMPLE ID: MW-29D

CHLORIDE EPA 300.0

Concentration

36

LOD

10

Units

mg/L (PPM)

Analyst

TR

Date Completed

2/18/2022

Sample

WATER

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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: 021122-3

PROJECT NO: 20-122

GTA SAMPLE NO: 8

LOCATION: KALKASKA 5

DATE SAMPLED: 2/8/2022

TIME SAMPLED: 11:30 AM

DATE RECEIVED: 2/11/2022

TIME RECEIVED: 9:50 AM

SAMPLED BY: MI
WPM/OMPC**SAMPLE ANALYSIS****No: Analysis**

SAMPLE ID: MW-30D

CHLORIDE EPA 300.0

Concentration

46

LOD

10

Units

mg/L (PPM)

Analyst

TR

Date Completed

2/18/2022

Sample

WATER

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LOD = LIMIT OF DETECTION

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

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COMPANY: LAMBDA ENERGY RESOURCES, LLC

PROJECT NO: 20-122

LOCATION: KALKASKA 5

GTA PROJECT NO: 021122-3

GTA SAMPLE NO: 9

DATE SAMPLED: 2/8/2022

TIME SAMPLED: 3:50 PM

DATE RECEIVED: 2/11/2022

TIME RECEIVED: 9:50 AM

SAMPLED BY: MI
WPM/OMPC**SAMPLE ANALYSIS****No: Analysis**

SAMPLE ID: MW-33D

CHLORIDE EPA 300.0

Concentration

ND

LOD

10

Units

mg/L (PPM)

Analyst

TR

Date Completed

2/18/2022

Sample

WATER

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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: 021122-3

PROJECT NO: 20-122

GTA SAMPLE NO: 10

LOCATION: KALKASKA 5

DATE SAMPLED: 2/8/2022

TIME SAMPLED: 4:56 PM

DATE RECEIVED: 2/11/2022

TIME RECEIVED: 9:50 AM

MI

SAMPLED BY: WPM/OMPC

SAMPLE ANALYSIS**No: Analysis**

SAMPLE ID: MW-34D

CHLORIDE EPA 300.0

Concentration

21

LOD

10

Units

mg/L (PPM)

Analyst

TR

Date Completed

2/18/2022

Sample

WATER

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LOD = LIMIT OF DETECTION

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

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COMPANY: LAMBDA ENERGY RESOURCES, LLC

PROJECT NO: 20-122

LOCATION: KALKASKA 5

GTA PROJECT NO: 021122-3

GTA SAMPLE NO: 11

DATE SAMPLED: 2/8/2022

TIME SAMPLED: 9:45 AM

DATE RECEIVED: 2/11/2022

TIME RECEIVED: 9:50 AM

SAMPLED BY: MI
WPM/OMPC**SAMPLE ANALYSIS****No: Analysis**

SAMPLE ID: MW-46

CHLORIDE EPA 300.0

<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample</u>
66	10	mg/L (PPM)	TR	2/18/2022	WATER

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LOD = LIMIT OF DETECTION

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COMPANY: LAMBDA ENERGY RESOURCES, LLC

GTA PROJECT NO: 021122-3

PROJECT NO: 20-122

GTA SAMPLE NO: 12

LOCATION: KALKASKA 5

DATE SAMPLED: 2/8/2022

TIME SAMPLED: 5:10 PM

DATE RECEIVED: 2/11/2022

TIME RECEIVED: 9:50 AM

MI

SAMPLED BY: WPM/OMPC

SAMPLE ANALYSIS**No: Analysis**

SAMPLE ID: MW-49

CHLORIDE EPA 300.0

Concentration

ND

LOD

10

Units

mg/L (PPM)

Analyst

TR

Date Completed

2/18/2022

Sample

WATER

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: 021122-3

PROJECT NO: 20-122

GTA SAMPLE NO: 13

LOCATION: KALKASKA 5

DATE SAMPLED: 2/8/2022

TIME SAMPLED: 3:20 PM

DATE RECEIVED: 2/11/2022

TIME RECEIVED: 9:50 AM

SAMPLED BY: MI
WPM/OMPC

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-1

CHLORIDE EPA 300.0

Concentration

LOD

Units

Analyst

Date Completed

Sample

ND

10

mg/L (PPM)

TR

2/18/2022

WATER

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LOD = LIMIT OF DETECTION

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

CHAIN OF CUSTODY

PROJECT NUMBER 20-122	SITE NAME/ADDRESS Kalkaska 5	COMPANY/NAME Lambda
SAMPLED BY WPM	COMPANY OMPC	GTA PROJECT # 021122-3

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	MW-20D	2-8-22	1245	H ₂ O	Chlorides
2	MW-22D	↓	1250	↓	↓
3	MW-23		1500	↓	↓
4	MW-23D		1410	↓	↓
5	MW-25D		1330	↓	↓
6	MW-28DD		1045	↓	↓
7	MW-29D		1150	↓	↓
8	MW-30D		1130	↓	↓
9	MW-33D		1150	↓	↓
10	MW-34D		1156	↓	↓
11	MW-46		945	↓	↓
12	MW-49		1710	↓	↓
13	MW-1	2-8-22	1520	H ₂ O	Chlorides

BILL TO:	TempRec: ☒ 3.6 °C	On Ice? ☐ ☐	REPORT TO: Dan Barton
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RELEASED BY [Signature]	DATE/TIME 2-11-22 950	RECEIVED BY [Signature]	DATE/TIME 2/11/20 950

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