



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: 081324-1

Site Addr: KALKASKA 5 NORTH
Sampled By: WPM/OMPC
Date Rec: 8/13/2024
Time Rec: 9:30 AM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-1	8/9/2024	12:15 PM	WATER
2	MW-4D	8/9/2024	1:05 PM	WATER
3	MW-5D	8/9/2024	12:40 PM	WATER
4	MW-6D	8/9/2024	10:10 AM	WATER
5	MW-7D	8/9/2024	11:35 AM	WATER
6	MW-8D	8/9/2024	10:30 AM	WATER
7	MW-10D	8/9/2024	11:00 AM	WATER
8	MW-17D	8/9/2024	1:35 PM	WATER
9	MW-18	8/9/2024	2:10 PM	WATER
10	MW-21DR	8/9/2024	11:20 AM	WATER
11	MW-22D	8/8/2024	12:40 PM	WATER
12	MW-23	8/8/2024	3:25 PM	WATER
13	MW-23D	8/8/2024	3:45 PM	WATER
14	MW-24D	8/9/2024	9:55 AM	WATER
15	MW-25D	8/8/2024	1:50 PM	WATER
16	MW-26D	8/9/2024	2:25 PM	WATER
17	MW-28DD	8/8/2024	10:30 AM	WATER
18	MW-29D	8/8/2024	2:00 PM	WATER
19	MW-30D	8/12/2024	10:20 AM	WATER
20	MW-31D	8/12/2024	9:40 AM	WATER
21	MW-32S	8/8/2024	12:00 PM	WATER
22	MW-32D	8/8/2024	12:05 PM	WATER
23	MW-33D	8/8/2024	3:30 PM	WATER
24	MW-34D	8/8/2024	4:35 PM	WATER
25	MW-35D	8/12/2024	2:30 PM	WATER
26	MW-36D	8/12/2024	10:05 AM	WATER
27	MW-37D	8/12/2024	11:40 AM	WATER
28	MW-38D	8/12/2024	10:55 AM	WATER
29	MW-39D	8/12/2024	11:20 AM	WATER
30	MW-40D	8/12/2024	12:00 PM	WATER
31	MW-42D	8/12/2024	12:30 PM	WATER
32	MW-43D	8/12/2024	2:55 PM	WATER
33	MW-45	8/12/2024	12:50 PM	WATER
34	MW-45D	8/12/2024	1:00 PM	WATER
35	MW-46D	8/8/2024	10:15 AM	WATER
36	MW-47	8/9/2024	10:55 AM	WATER
37	MW-48	8/9/2024	12:10 PM	WATER
38	MW-49	8/9/2024	9:45 AM	WATER
39	MW-50	8/8/2024	2:50 PM	WATER
40	RW-3	8/8/2024	3:00 PM	WATER
41	RW-9	8/8/2024	4:20 PM	WATER
42	RW-21	8/9/2024	3:20 PM	WATER
43	RW-25	8/9/2024	3:30 PM	WATER



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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: 20-122
 LOCATION: KALKASKA 5 NORTH
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-7D

GTA PROJECT NO: 081324-1
 GTA SAMPLE NO: 5
 DATE SAMPLED: 8/9/2024
 TIME SAMPLED: 11:35 AM
 DATE RECEIVED: 8/13/2024
 TIME RECEIVED: 9:30 AM

SAMPLED BY: WPM/OMPC

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		8/13/2024	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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: 20-122
 LOCATION: KALKASKA 5 NORTH
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-10D

GTA PROJECT NO: 081324-1
 GTA SAMPLE NO: 7
 DATE SAMPLED: 8/9/2024
 TIME SAMPLED: 11:00 AM
 DATE RECEIVED: 8/13/2024
 TIME RECEIVED: 9:30 AM

SAMPLED BY: WPM/OMPC

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		8/13/2024	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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
 PROJECT NO: 20-122
 LOCATION: KALKASKA 5 NORTH
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-26D

GTA PROJECT NO: 081324-1
 GTA SAMPLE NO: 16
 DATE SAMPLED: 8/9/2024
 TIME SAMPLED: 2:25 PM
 DATE RECEIVED: 8/13/2024
 TIME RECEIVED: 9:30 AM

SAMPLED BY: WPM/OMPC

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Completed</u>	<u>Prep Method</u>
Benzene	3.7	1.0	ug/L (PPB)	MR		8/13/2024	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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:	081324-1
PROJECT NO:	20-122	GTA SAMPLE NO:	25
LOCATION:	KALKASKA 5 NORTH	DATE SAMPLED:	8/12/2024
		TIME SAMPLED:	2:30 PM
		DATE RECEIVED:	8/13/2024
	MI	TIME RECEIVED:	9:30 AM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-35D	SAMPLED BY:	WPM/OMPC

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	1.0	ug/L (PPB)	MR		8/13/2024	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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: 20-122
LOCATION: KALKASKA 5 NORTH
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-50

GTA PROJECT NO: 081324-1
GTA SAMPLE NO: 39
DATE SAMPLED: 8/8/2024
TIME SAMPLED: 2:50 PM
DATE RECEIVED: 8/13/2024
TIME RECEIVED: 9:30 AM

SAMPLED BY: WPM/OMPC

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Completed</u>	<u>Prep Method</u>
Benzene	6.1	1.0	ug/L (PPB)	MR		8/13/2024	EPA 5030B
Toluene	4.8	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.
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COMPANY: LAMBDA ENERGY RESOURCES, LLC
 PROJECT NO: 20-122
 LOCATION: KALKASKA 5 NORTH

GTA PROJECT NO: 081324-1
 GTA SAMPLE NO: 1
 DATE SAMPLED: 8/9/2024
 TIME SAMPLED: 12:15 PM
 DATE RECEIVED: 8/13/2024
 TIME RECEIVED: 9:30 AM

SAMPLED BY: MI
 WPM/OMPC

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: MW-1	CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	KC/TR	8/19/2024	WATER

ND = NOT DETECTED, RESULT < LOD
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 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 NORTH

GTA PROJECT NO: 081324-1
 GTA SAMPLE NO: 2
 DATE SAMPLED: 8/9/2024
 TIME SAMPLED: 1:05 PM
 DATE RECEIVED: 8/13/2024
 TIME RECEIVED: 9:30 AM

SAMPLED BY: MI
 WPM/OMPC

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: MW-4D	CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	KC/TR	8/19/2024	WATER

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: 20-122
 LOCATION: KALKASKA 5 NORTH

GTA PROJECT NO: 081324-1
 GTA SAMPLE NO: 3
 DATE SAMPLED: 8/9/2024
 TIME SAMPLED: 12:40 PM
 DATE RECEIVED: 8/13/2024
 TIME RECEIVED: 9:30 AM

SAMPLED BY: MI
 WPM/OMPC

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: MW-5D	CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	KC/TR	8/19/2024	WATER

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

COMPANY: LAMBDA ENERGY RESOURCES, LLC
 PROJECT NO: 20-122
 LOCATION: KALKASKA 5 NORTH

GTA PROJECT NO: 081324-1
 GTA SAMPLE NO: 4
 DATE SAMPLED: 8/9/2024
 TIME SAMPLED: 10:10 AM
 DATE RECEIVED: 8/13/2024
 TIME RECEIVED: 9:30 AM

SAMPLED BY: MI
 WPM/OMPC

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: MW-6D	CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	KC/TR	8/19/2024	WATER

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: 20-122
 LOCATION: KALKASKA 5 NORTH

GTA PROJECT NO: 081324-1
 GTA SAMPLE NO: 5
 DATE SAMPLED: 8/9/2024
 TIME SAMPLED: 11:35 AM
 DATE RECEIVED: 8/13/2024
 TIME RECEIVED: 9:30 AM

SAMPLED BY: MI
 WPM/OMPC

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: MW-7D	CHLORIDE EPA 300.0	22	10	mg/L (PPM)	KC/TR	8/19/2024	WATER

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: 20-122
 LOCATION: KALKASKA 5 NORTH

GTA PROJECT NO: 081324-1
 GTA SAMPLE NO: 6
 DATE SAMPLED: 8/9/2024
 TIME SAMPLED: 10:30 AM
 DATE RECEIVED: 8/13/2024
 TIME RECEIVED: 9:30 AM

SAMPLED BY: MI
 WPM/OMPC

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: MW-8D	CHLORIDE EPA 300.0	46	10	mg/L (PPM)	KC/TR	8/19/2024	WATER

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: 20-122
 LOCATION: KALKASKA 5 NORTH

GTA PROJECT NO: 081324-1
 GTA SAMPLE NO: 7

DATE SAMPLED: 8/9/2024
 TIME SAMPLED: 11:00 AM
 DATE RECEIVED: 8/13/2024
 TIME RECEIVED: 9:30 AM

SAMPLED BY: MI
 WPM/OMPC

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: MW-10D CHLORIDE EPA 300.0	18	10	mg/L (PPM)	KC/TR	8/19/2024	WATER

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
 PROJECT NO: 20-122
 LOCATION: KALKASKA 5 NORTH

GTA PROJECT NO: 081324-1
 GTA SAMPLE NO: 8
 DATE SAMPLED: 8/9/2024
 TIME SAMPLED: 1:35 PM
 DATE RECEIVED: 8/13/2024
 TIME RECEIVED: 9:30 AM

SAMPLED BY: MI
 WPM/OMPC

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: MW-17D CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	KC/TR	8/19/2024	WATER

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: 20-122
 LOCATION: KALKASKA 5 NORTH

GTA PROJECT NO: 081324-1
 GTA SAMPLE NO: 9
 DATE SAMPLED: 8/9/2024
 TIME SAMPLED: 2:10 PM
 DATE RECEIVED: 8/13/2024
 TIME RECEIVED: 9:30 AM

SAMPLED BY: MI
 WPM/OMPC

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: MW-18	CHLORIDE EPA 300.0	19	10	mg/L (PPM)	KC/TR	8/19/2024	WATER

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
 PROJECT NO: 20-122
 LOCATION: KALKASKA 5 NORTH

GTA PROJECT NO: 081324-1
 GTA SAMPLE NO: 10
 DATE SAMPLED: 8/9/2024
 TIME SAMPLED: 11:20 AM
 DATE RECEIVED: 8/13/2024
 TIME RECEIVED: 9:30 AM

SAMPLED BY: MI
 WPM/OMPC

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: MW-21DR CHLORIDE EPA 300.0	17	10	mg/L (PPM)	KC/TR	8/19/2024	WATER

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: 20-122
 LOCATION: KALKASKA 5 NORTH

GTA PROJECT NO: 081324-1
 GTA SAMPLE NO: 11
 DATE SAMPLED: 8/8/2024
 TIME SAMPLED: 12:40 PM
 DATE RECEIVED: 8/13/2024
 TIME RECEIVED: 9:30 AM

SAMPLED BY: MI
 WPM/OMPC

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: MW-22D	CHLORIDE EPA 300.0	22	10	mg/L (PPM)	KC/TR	8/19/2024	WATER

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
 PROJECT NO: 20-122
 LOCATION: KALKASKA 5 NORTH

GTA PROJECT NO: 081324-1
 GTA SAMPLE NO: 12
 DATE SAMPLED: 8/8/2024
 TIME SAMPLED: 3:25 PM
 DATE RECEIVED: 8/13/2024
 TIME RECEIVED: 9:30 AM

SAMPLED BY: MI
 WPM/OMPC

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: MW-23	CHLORIDE EPA 300.0	140	10	mg/L (PPM)	KC/TR	8/19/2024	WATER

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: 20-122
 LOCATION: KALKASKA 5 NORTH

GTA PROJECT NO: 081324-1
 GTA SAMPLE NO: 13
 DATE SAMPLED: 8/8/2024
 TIME SAMPLED: 3:45 PM
 DATE RECEIVED: 8/13/2024
 TIME RECEIVED: 9:30 AM

SAMPLED BY: MI
 WPM/OMPC

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: MW-23D	CHLORIDE EPA 300.0	1,300	50	mg/L (PPM)	KC/TR	8/19/2024	WATER

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: 20-122
 LOCATION: KALKASKA 5 NORTH

GTA PROJECT NO: 081324-1
 GTA SAMPLE NO: 14
 DATE SAMPLED: 8/9/2024
 TIME SAMPLED: 9:55 AM
 DATE RECEIVED: 8/13/2024
 TIME RECEIVED: 9:30 AM

SAMPLED BY: MI
 WPM/OMPC

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: MW-24D	CHLORIDE EPA 300.0	13	10	mg/L (PPM)	KC/TR	8/19/2024	WATER

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: 20-122
 LOCATION: KALKASKA 5 NORTH

GTA PROJECT NO: 081324-1
 GTA SAMPLE NO: 15
 DATE SAMPLED: 8/8/2024
 TIME SAMPLED: 1:50 PM
 DATE RECEIVED: 8/13/2024
 TIME RECEIVED: 9:30 AM

SAMPLED BY: MI
 WPM/OMPC

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: MW-25D	CHLORIDE EPA 300.0	240	10	mg/L (PPM)	KC	8/21/2024	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
 PROJECT NO: 20-122
 LOCATION: KALKASKA 5 NORTH

GTA PROJECT NO: 081324-1
 GTA SAMPLE NO: 16
 DATE SAMPLED: 8/9/2024
 TIME SAMPLED: 2:25 PM
 DATE RECEIVED: 8/13/2024
 TIME RECEIVED: 9:30 AM

SAMPLED BY: MI
 WPM/OMPC

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: MW-26D CHLORIDE EPA 300.0	40	10	mg/L (PPM)	KC/TR	8/19/2024	WATER

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: 20-122
 LOCATION: KALKASKA 5 NORTH

GTA PROJECT NO: 081324-1
 GTA SAMPLE NO: 17
 DATE SAMPLED: 8/8/2024
 TIME SAMPLED: 10:30 AM
 DATE RECEIVED: 8/13/2024
 TIME RECEIVED: 9:30 AM

SAMPLED BY: MI
 WPM/OMPC

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: MW-28DD CHLORIDE EPA 300.0	23	10	mg/L (PPM)	KC/TR	8/19/2024	WATER

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: 20-122
 LOCATION: KALKASKA 5 NORTH

GTA PROJECT NO: 081324-1
 GTA SAMPLE NO: 18
 DATE SAMPLED: 8/8/2024
 TIME SAMPLED: 2:00 PM
 DATE RECEIVED: 8/13/2024
 TIME RECEIVED: 9:30 AM

SAMPLED BY: MI
 WPM/OMPC

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: MW-29D	CHLORIDE EPA 300.0	34	10	mg/L (PPM)	KC/TR	8/19/2024	WATER

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: 20-122
 LOCATION: KALKASKA 5 NORTH

GTA PROJECT NO: 081324-1
 GTA SAMPLE NO: 19
 DATE SAMPLED: 8/12/2024
 TIME SAMPLED: 10:20 AM
 DATE RECEIVED: 8/13/2024
 TIME RECEIVED: 9:30 AM

SAMPLED BY: MI
 WPM/OMPC

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: MW-30D	CHLORIDE EPA 300.0	62	10	mg/L (PPM)	KC/TR	8/19/2024	WATER

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: 20-122
 LOCATION: KALKASKA 5 NORTH

GTA PROJECT NO: 081324-1
 GTA SAMPLE NO: 20
 DATE SAMPLED: 8/12/2024
 TIME SAMPLED: 9:40 AM
 DATE RECEIVED: 8/13/2024
 TIME RECEIVED: 9:30 AM

SAMPLED BY: MI
 WPM/OMPC

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: MW-31D CHLORIDE EPA 300.0	21	10	mg/L (PPM)	KC/TR	8/19/2024	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
 PROJECT NO: 20-122
 LOCATION: KALKASKA 5 NORTH

GTA PROJECT NO: 081324-1
 GTA SAMPLE NO: 21
 DATE SAMPLED: 8/8/2024
 TIME SAMPLED: 12:00 PM
 DATE RECEIVED: 8/13/2024
 TIME RECEIVED: 9:30 AM

SAMPLED BY: MI
 WPM/OMPC

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: MW-32S CHLORIDE EPA 300.0	44	10	mg/L (PPM)	KC/TR	8/19/2024	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
 PROJECT NO: 20-122
 LOCATION: KALKASKA 5 NORTH

GTA PROJECT NO: 081324-1
 GTA SAMPLE NO: 22
 DATE SAMPLED: 8/8/2024
 TIME SAMPLED: 12:05 PM
 DATE RECEIVED: 8/13/2024
 TIME RECEIVED: 9:30 AM

SAMPLED BY: MI
 WPM/OMPC

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: MW-32D CHLORIDE EPA 300.0	47	10	mg/L (PPM)	KC/TR	8/19/2024	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
 PROJECT NO: 20-122
 LOCATION: KALKASKA 5 NORTH

GTA PROJECT NO: 081324-1
 GTA SAMPLE NO: 23
 DATE SAMPLED: 8/8/2024
 TIME SAMPLED: 3:30 PM
 DATE RECEIVED: 8/13/2024
 TIME RECEIVED: 9:30 AM

SAMPLED BY: MI
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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: MW-33D CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	KC/TR	8/20/2024	WATER

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: 20-122
 LOCATION: KALKASKA 5 NORTH

GTA PROJECT NO: 081324-1
 GTA SAMPLE NO: 24
 DATE SAMPLED: 8/8/2024
 TIME SAMPLED: 4:35 PM
 DATE RECEIVED: 8/13/2024
 TIME RECEIVED: 9:30 AM

SAMPLED BY: MI
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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: MW-34D CHLORIDE EPA 300.0	17	10	mg/L (PPM)	KC/TR	8/20/2024	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
 PROJECT NO: 20-122
 LOCATION: KALKASKA 5 NORTH

GTA PROJECT NO: 081324-1
 GTA SAMPLE NO: 25
 DATE SAMPLED: 8/12/2024
 TIME SAMPLED: 2:30 PM
 DATE RECEIVED: 8/13/2024
 TIME RECEIVED: 9:30 AM

SAMPLED BY: MI
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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: MW-35D CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	KC/TR	8/20/2024	WATER

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: 20-122
 LOCATION: KALKASKA 5 NORTH

GTA PROJECT NO: 081324-1
 GTA SAMPLE NO: 26
 DATE SAMPLED: 8/12/2024
 TIME SAMPLED: 10:05 AM
 DATE RECEIVED: 8/13/2024
 TIME RECEIVED: 9:30 AM

SAMPLED BY: MI
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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: MW-36D	CHLORIDE EPA 300.0	11	10	mg/L (PPM)	KC/TR	8/20/2024	WATER

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: 20-122
 LOCATION: KALKASKA 5 NORTH

GTA PROJECT NO: 081324-1
 GTA SAMPLE NO: 27
 DATE SAMPLED: 8/12/2024
 TIME SAMPLED: 11:40 AM
 DATE RECEIVED: 8/13/2024
 TIME RECEIVED: 9:30 AM

SAMPLED BY: MI
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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: MW-37D CHLORIDE EPA 300.0	35	10	mg/L (PPM)	KC/TR	8/20/2024	WATER

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: 20-122
 LOCATION: KALKASKA 5 NORTH

GTA PROJECT NO: 081324-1
 GTA SAMPLE NO: 28
 DATE SAMPLED: 8/12/2024
 TIME SAMPLED: 10:55 AM
 DATE RECEIVED: 8/13/2024
 TIME RECEIVED: 9:30 AM

SAMPLED BY: MI
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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: MW-38D	CHLORIDE EPA 300.0	18	10	mg/L (PPM)	KC/TR	8/20/2024	WATER

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: 20-122
 LOCATION: KALKASKA 5 NORTH

GTA PROJECT NO: 081324-1
 GTA SAMPLE NO: 29
 DATE SAMPLED: 8/12/2024
 TIME SAMPLED: 11:20 AM
 DATE RECEIVED: 8/13/2024
 TIME RECEIVED: 9:30 AM

SAMPLED BY: MI
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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: MW-39D CHLORIDE EPA 300.0	17	10	mg/L (PPM)	KC/TR	8/20/2024	WATER

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: 20-122
 LOCATION: KALKASKA 5 NORTH

GTA PROJECT NO: 081324-1
 GTA SAMPLE NO: 30
 DATE SAMPLED: 8/12/2024
 TIME SAMPLED: 12:00 PM
 DATE RECEIVED: 8/13/2024
 TIME RECEIVED: 9:30 AM

SAMPLED BY: MI
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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: MW-40D CHLORIDE EPA 300.0	86	10	mg/L (PPM)	KC/TR	8/20/2024	WATER

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: 20-122
 LOCATION: KALKASKA 5 NORTH

GTA PROJECT NO: 081324-1
 GTA SAMPLE NO: 31
 DATE SAMPLED: 8/12/2024
 TIME SAMPLED: 12:30 PM
 DATE RECEIVED: 8/13/2024
 TIME RECEIVED: 9:30 AM

SAMPLED BY: MI
 WPM/OMPC

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: MW-42D	CHLORIDE EPA 300.0	20	10	mg/L (PPM)	KC/TR	8/20/2024	WATER

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: 20-122
 LOCATION: KALKASKA 5 NORTH

GTA PROJECT NO: 081324-1
 GTA SAMPLE NO: 32
 DATE SAMPLED: 8/12/2024
 TIME SAMPLED: 2:55 PM
 DATE RECEIVED: 8/13/2024
 TIME RECEIVED: 9:30 AM

SAMPLED BY: MI
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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: MW-43D CHLORIDE EPA 300.0	12	10	mg/L (PPM)	KC/TR	8/20/2024	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
 PROJECT NO: 20-122
 LOCATION: KALKASKA 5 NORTH

GTA PROJECT NO: 081324-1
 GTA SAMPLE NO: 33
 DATE SAMPLED: 8/12/2024
 TIME SAMPLED: 12:50 PM
 DATE RECEIVED: 8/13/2024
 TIME RECEIVED: 9:30 AM

SAMPLED BY: MI
 WPM/OMPC

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: MW-45	CHLORIDE EPA 300.0	51	10	mg/L (PPM)	KC/TR	8/20/2024	WATER

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: 20-122
 LOCATION: KALKASKA 5 NORTH

GTA PROJECT NO: 081324-1
 GTA SAMPLE NO: 34
 DATE SAMPLED: 8/12/2024
 TIME SAMPLED: 1:00 PM
 DATE RECEIVED: 8/13/2024
 TIME RECEIVED: 9:30 AM

SAMPLED BY: MI
 WPM/OMPC

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: MW-45D CHLORIDE EPA 300.0	17	10	mg/L (PPM)	KC/TR	8/20/2024	WATER

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: 20-122
 LOCATION: KALKASKA 5 NORTH

GTA PROJECT NO: 081324-1
 GTA SAMPLE NO: 35
 DATE SAMPLED: 8/8/2024
 TIME SAMPLED: 10:15 AM
 DATE RECEIVED: 8/13/2024
 TIME RECEIVED: 9:30 AM

SAMPLED BY: MI
 WPM/OMPC

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: MW-46D	CHLORIDE EPA 300.0	46	10	mg/L (PPM)	KC/TR	8/20/2024	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
 PROJECT NO: 20-122
 LOCATION: KALKASKA 5 NORTH

GTA PROJECT NO: 081324-1
 GTA SAMPLE NO: 36
 DATE SAMPLED: 8/9/2024
 TIME SAMPLED: 10:55 AM
 DATE RECEIVED: 8/13/2024
 TIME RECEIVED: 9:30 AM

SAMPLED BY: MI
 WPM/OMPC

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: MW-47	CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	KC/TR	8/20/2024	WATER

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: 20-122
 LOCATION: KALKASKA 5 NORTH

GTA PROJECT NO: 081324-1
 GTA SAMPLE NO: 37
 DATE SAMPLED: 8/9/2024
 TIME SAMPLED: 12:10 PM
 DATE RECEIVED: 8/13/2024
 TIME RECEIVED: 9:30 AM

SAMPLED BY: MI
 WPM/OMPC

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: MW-48	CHLORIDE EPA 300.0	110	10	mg/L (PPM)	KC/TR	8/20/2024	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
 PROJECT NO: 20-122
 LOCATION: KALKASKA 5 NORTH

GTA PROJECT NO: 081324-1
 GTA SAMPLE NO: 38
 DATE SAMPLED: 8/9/2024
 TIME SAMPLED: 9:45 AM
 DATE RECEIVED: 8/13/2024
 TIME RECEIVED: 9:30 AM

SAMPLED BY: MI
 WPM/OMPC

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: MW-49 CHLORIDE EPA 300.0	12	10	mg/L (PPM)	KC/TR	8/20/2024	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
 PROJECT NO: 20-122
 LOCATION: KALKASKA 5 NORTH

GTA PROJECT NO: 081324-1
 GTA SAMPLE NO: 39
 DATE SAMPLED: 8/8/2024
 TIME SAMPLED: 2:50 PM
 DATE RECEIVED: 8/13/2024
 TIME RECEIVED: 9:30 AM

SAMPLED BY: MI
 WPM/OMPC

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: MW-50 CHLORIDE EPA 300.0	69	10	mg/L (PPM)	KC/TR	8/20/2024	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
 PROJECT NO: 20-122
 LOCATION: KALKASKA 5 NORTH

GTA PROJECT NO: 081324-1
 GTA SAMPLE NO: 40
 DATE SAMPLED: 8/8/2024
 TIME SAMPLED: 3:00 PM
 DATE RECEIVED: 8/13/2024
 TIME RECEIVED: 9:30 AM

SAMPLED BY: MI
 WPM/OMPC

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: RW-3 CHLORIDE EPA 300.0	87	10	mg/L (PPM)	KC/TR	8/20/2024	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
 PROJECT NO: 20-122
 LOCATION: KALKASKA 5 NORTH

GTA PROJECT NO: 081324-1
 GTA SAMPLE NO: 41
 DATE SAMPLED: 8/8/2024
 TIME SAMPLED: 4:20 PM
 DATE RECEIVED: 8/13/2024
 TIME RECEIVED: 9:30 AM

SAMPLED BY: MI
 WPM/OMPC

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: RW-9	CHLORIDE EPA 300.0	300	10	mg/L (PPM)	KC/TR	8/20/2024	WATER

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: 20-122
 LOCATION: KALKASKA 5 NORTH

GTA PROJECT NO: 081324-1
 GTA SAMPLE NO: 42
 DATE SAMPLED: 8/9/2024
 TIME SAMPLED: 3:20 PM
 DATE RECEIVED: 8/13/2024
 TIME RECEIVED: 9:30 AM

SAMPLED BY: MI
 WPM/OMPC

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: RW-21	CHLORIDE EPA 300.0	160	10	mg/L (PPM)	KC/TR	8/20/2024	WATER

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
 PROJECT NO: 20-122
 LOCATION: KALKASKA 5 NORTH

GTA PROJECT NO: 081324-1
 GTA SAMPLE NO: 43
 DATE SAMPLED: 8/9/2024
 TIME SAMPLED: 3:30 PM
 DATE RECEIVED: 8/13/2024
 TIME RECEIVED: 9:30 AM

SAMPLED BY: MI
 WPM/OMPC

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: RW-25 CHLORIDE EPA 300.0	160	10	mg/L (PPM)	KC/TR	8/20/2024	WATER

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

6/3

CHAIN OF CUSTODY

PROJECT NUMBER 20-122	SITE NAME/ADDRESS Kalkaska S North	COMPANY/NAME Lambda
SAMPLED BY WPM	COMPANY OMPL	GTA PROJECT # 081324-1

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS	
1	MW-1	8/9/24	1215	H ₂ O	Chlorides	
2	MW-4d	8/9/24	1305	↓	↓	
3	MW-5d	8/9/24	1240			
4	MW-6d	8/9/24	1010			
5	MW-7d	8/9/24	1125			+ HIBs
6	MW-8d	8/9/24	1030			
7	MW-10d	8/9/24	1100			- HIBs
8	MW-17d	8/9/24	1335			
9	MW-18	8/9/24	1410			
10	MW-21dr	8/9/24	1120			
11	MW-22d	8/8/24	1240			
12	MW-23	8/8/24	1525			
13	MW-23d	8/8/24	1545			
14	MW-24d	8/9/24	955			
15	MW-25d	8/9/24	1350			

BILL TO:	TempRec: <input type="checkbox"/> 3.0°C	On Ice? <input checked="" type="checkbox"/> <input type="checkbox"/>	REPORT TO: Dan Barton
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RELEASED BY [Signature]	DATE/TIME 8/13/24 925	RECEIVED BY [Signature]	DATE/TIME 8-13-24 9:30A
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REQUESTED TAT STANDARD 1 BUSINESS DAY 2 BUSINESS DAYS 3 BUSINESS DAYS

20/3

CHAIN OF CUSTODY

PROJECT NUMBER 20-122	SITE NAME/ADDRESS Kalkaska 5 North	COMPANY/NAME Lambda
SAMPLED BY WEM	COMPANY OMPL	GTA PROJECT # 081324-1

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
6	MW-288	8/9/24	1425	H ₂ O	Chlorides + H ₂ O
7	MW-288	8/8/24	1030		
8	MW-298	8/8/24	1400		
9	MW-308	8/12/24	1020		
10	MW-318	8/12/24	940		
11	MW-328	8/8/24	1200		
12	MW-328	8/8/24	1205		
13	MW-338	8/8/24	1530		
14	MW-348	8/8/24	1635		
15	MW-358	8/12/24	1430		+ H ₂ O
16	MW-368	8/12/24	1005		
17	MW-378	8/12/24	1140		
18	MW-388	8/12/24	1055		
19	MW-398	8/12/24	1120		
20	MW-408	8/12/24	1200		

BILL TO:	TempRec: <input type="checkbox"/>	On Ice? <input checked="" type="checkbox"/> <input type="checkbox"/>	REPORT TO: Dan Barton
	3.000		

RELEASED BY [Signature]	DATE/TIME 8/13/24 925	RECEIVED BY [Signature]	DATE/TIME 8-13-24 9:30A
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REQUESTED TAT STANDARD 1 BUSINESS DAY 2 BUSINESS DAYS 3 BUSINESS DAYS

3 of 3

CHAIN OF CUSTODY

PROJECT NUMBER <i>20-122</i>	SITE NAME/ADDRESS <i>Kalkaska 5 North</i>	COMPANY/NAME <i>Lambda</i>
SAMPLED BY <i>WPM</i>	COMPANY <i>OMPC</i>	GTA PROJECT # <i>081324-1</i>

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS		
<i>31</i>	<i>MW-42a</i>	<i>8/12/24</i>	<i>1230</i>	<i>H2O</i>	<i>Chlorides</i>		
<i>32</i>	<i>MW-43a</i>	<i>8/12/24</i>	<i>1455</i>				
<i>33</i>	<i>MW-44</i>	<i>8/12/24</i>	<i>1250</i>				
<i>34</i>	<i>MW-45a</i>	<i>8/12/24</i>	<i>1300</i>				
<i>35</i>	<i>MW-46a</i>	<i>8/8/24</i>	<i>1015</i>				
<i>36</i>	<i>MW-47</i>	<i>8/9/24</i>	<i>1055</i>				
<i>37</i>	<i>MW-48</i>	<i>8/9/24</i>	<i>1210</i>				
<i>38</i>	<i>MW-49</i>	<i>8/9/24</i>	<i>945</i>				
<i>39</i>	<i>MW-50</i>	<i>8/8/24</i>	<i>1450</i>			<i>+ HIPS</i>	
<i>40</i>	<i>RW-3</i>	<i>8/8/24</i>	<i>1500</i>				
<i>41</i>	<i>RW-9</i>	<i>8/8/24</i>	<i>1620</i>				
<i>42</i>	<i>RW-21</i>	<i>8/9/24</i>	<i>1520</i>				
<i>43</i>	<i>RW-25</i>	<i>8/9/24</i>	<i>1530</i>			✓	✓

BILL TO:	TempRec: <input type="checkbox"/> <i>3.0a</i>	On Ice? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	REPORT TO: <i>Don Burton</i>
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RELEASED BY <i>[Signature]</i>	DATE/TIME <i>8/13/24 925</i>	RECEIVED BY <i>[Signature]</i>	DATE/TIME <i>8-13-24 9:30 AM</i>
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REQUESTED TAT STANDARD 1 BUSINESS DAY 2 BUSINESS DAYS 3 BUSINESS DAYS