



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: 19.019
GTA ProjNo: 082923-7

Site Addr: USA BIG CREEK 3-16/CTB
Sampled By: KWB/HURON
Date Rec: 8/29/2023
Time Rec: 12:20 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	OW-5 (70)	8/25/2023		WATER
2	MW-7-S (73)	8/25/2023		WATER
3	MW-7-I (85)	8/25/2023		WATER
4	MW-8-S (69)	8/25/2023		WATER
5	MW-8-I (85)	8/25/2023		WATER
6	MW-9-S (70)	8/25/2023		WATER
7	MW-9-I (85)	8/25/2023		WATER
8	MW-9-D (100)	8/25/2023		WATER
9	MW-10-S (69)	8/24/2023		WATER
10	MW-10-I (85)	8/25/2023		WATER
11	MW-13 (72)	8/24/2023		WATER
12	MW-14 (70)	8/24/2023		WATER
13	MW-14 (79)	8/24/2023		WATER
14	MW-17 (73)	8/24/2023		WATER
15	MW-17 (81)	8/24/2023		WATER
16	MW-18 (69)	8/24/2023		WATER
17	MW-18 (82)	8/24/2023		WATER
18	MW-19 (71)	8/24/2023		WATER
19	MW-19 (84)	8/24/2023		WATER
20	MW-20 (72)	8/24/2023		WATER
21	MW-20 (87)	8/24/2023		WATER
22	MW-21 (70)	8/24/2023		WATER
23	MW-21 (87)	8/24/2023		WATER
24	MW-22 (71)	8/25/2023		WATER
25	MW-22 (85)	8/25/2023		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

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INDEPENDENT TESTING LAB

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COMPANY: LAMBDA ENERGY RESOURCES, LLC

PROJECT NO: 19.019

LOCATION: USA BIG CREEK 3-16/CTB

SAMPLED BY: MI
KWB/HURON

GTA PROJECT NO: 082923-7

GTA SAMPLE NO: 1

DATE SAMPLED: 8/25/2023

TIME SAMPLED:

DATE RECEIVED: 8/29/2023

TIME RECEIVED: 12:20 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: OW-5 (70)	CHLORIDE EPA 300.0	450	20	mg/L (PPM)	KC/TR	9/3/2023	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: 082923-7

PROJECT NO: 19.019

GTA SAMPLE NO: 2

LOCATION: USA BIG CREEK 3-16/CTB

DATE SAMPLED: 8/25/2023

TIME SAMPLED:

DATE RECEIVED: 8/29/2023

TIME RECEIVED: 12:20 PM

MI

SAMPLED BY: KWB/HURON

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-7-S (73)

CHLORIDE EPA 300.0

Concentration

LOD

Units

Analyst

Date Completed

Sample Matrix

400

10

mg/L (PPM)

KC/TR

9/3/2023

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: 19.019
 LOCATION: USA BIG CREEK 3-16/CTB

GTA PROJECT NO: 082923-7
 GTA SAMPLE NO: 3
 DATE SAMPLED: 8/25/2023
 TIME SAMPLED:
 DATE RECEIVED: 8/29/2023
 TIME RECEIVED: 12:20 PM

MI
 SAMPLED BY: KWB/HURON

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-7-I (85) CHLORIDE EPA 300.0	450	20	mg/L (PPM)	KC/TR	9/3/2023	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: 19.019
 LOCATION: USA BIG CREEK 3-16/CTB

GTA PROJECT NO: 082923-7
 GTA SAMPLE NO: 4
 DATE SAMPLED: 8/25/2023
 TIME SAMPLED:
 DATE RECEIVED: 8/29/2023
 TIME RECEIVED: 12:20 PM

SAMPLED BY: MI
 KWB/HURON

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-8-S (69) CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	KC/TR	9/3/2023	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: 19.019
 LOCATION: USA BIG CREEK 3-16/CTB

GTA PROJECT NO: 082923-7
 GTA SAMPLE NO: 5
 DATE SAMPLED: 8/25/2023
 TIME SAMPLED:
 DATE RECEIVED: 8/29/2023
 TIME RECEIVED: 12:20 PM

SAMPLED BY: MI
 KWB/HURON

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-8-I (85) CHLORIDE EPA 300.0	140	10	mg/L (PPM)	KC/TR	9/3/2023	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: 19.019
 LOCATION: USA BIG CREEK 3-16/CTB

GTA PROJECT NO: 082923-7
 GTA SAMPLE NO: 6
 DATE SAMPLED: 8/25/2023
 TIME SAMPLED:
 DATE RECEIVED: 8/29/2023
 TIME RECEIVED: 12:20 PM

MI
 SAMPLED BY: KWB/HURON

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-9-S (70) CHLORIDE EPA 300.0	29	10	mg/L (PPM)	KC/TR	9/3/2023	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: 19.019
 LOCATION: USA BIG CREEK 3-16/CTB

GTA PROJECT NO: 082923-7
 GTA SAMPLE NO: 7
 DATE SAMPLED: 8/25/2023
 TIME SAMPLED:
 DATE RECEIVED: 8/29/2023
 TIME RECEIVED: 12:20 PM

SAMPLED BY: MI
 KWB/HURON

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-9-I (85) CHLORIDE EPA 300.0	840	50	mg/L (PPM)	KC/TR	9/3/2023	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: 19.019
 LOCATION: USA BIG CREEK 3-16/CTB

GTA PROJECT NO: 082923-7
 GTA SAMPLE NO: 8
 DATE SAMPLED: 8/25/2023
 TIME SAMPLED:
 DATE RECEIVED: 8/29/2023
 TIME RECEIVED: 12:20 PM

SAMPLED BY: MI
 KWB/HURON

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-9-D (100) CHLORIDE EPA 300.0	200	10	mg/L (PPM)	KC/TR	9/3/2023	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: 19.019
 LOCATION: USA BIG CREEK 3-16/CTB

GTA PROJECT NO: 082923-7
 GTA SAMPLE NO: 9
 DATE SAMPLED: 8/24/2023
 TIME SAMPLED:
 DATE RECEIVED: 8/29/2023
 TIME RECEIVED: 12:20 PM

SAMPLED BY: MI
 KWB/HURON

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-10-S (69)	CHLORIDE EPA 300.0	800	50	mg/L (PPM)	KC/TR	9/3/2023	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: 19.019
 LOCATION: USA BIG CREEK 3-16/CTB

GTA PROJECT NO: 082923-7
 GTA SAMPLE NO: 10
 DATE SAMPLED: 8/25/2023
 TIME SAMPLED:
 DATE RECEIVED: 8/29/2023
 TIME RECEIVED: 12:20 PM

MI
 SAMPLED BY: KWB/HURON

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-10-I (85) CHLORIDE EPA 300.0	770	50	mg/L (PPM)	KC/TR	9/3/2023	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: 19.019
 LOCATION: USA BIG CREEK 3-16/CTB

GTA PROJECT NO: 082923-7
 GTA SAMPLE NO: 11
 DATE SAMPLED: 8/24/2023
 TIME SAMPLED:
 DATE RECEIVED: 8/29/2023
 TIME RECEIVED: 12:20 PM

SAMPLED BY: MI
 KWB/HURON

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-13 (72)	CHLORIDE EPA 300.0	17	10	mg/L (PPM)	KC/TR	9/3/2023	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: 19.019
 LOCATION: USA BIG CREEK 3-16/CTB

GTA PROJECT NO: 082923-7
 GTA SAMPLE NO: 12
 DATE SAMPLED: 8/24/2023
 TIME SAMPLED:
 DATE RECEIVED: 8/29/2023
 TIME RECEIVED: 12:20 PM

MI
 SAMPLED BY: KWB/HURON

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-14 (70)	CHLORIDE EPA 300.0	19	10	mg/L (PPM)	KC/TR	9/4/2023	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: 19.019
 LOCATION: USA BIG CREEK 3-16/CTB

GTA PROJECT NO: 082923-7
 GTA SAMPLE NO: 13
 DATE SAMPLED: 8/24/2023
 TIME SAMPLED:
 DATE RECEIVED: 8/29/2023
 TIME RECEIVED: 12:20 PM

MI
 SAMPLED BY: KWB/HURON

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-14 (79) CHLORIDE EPA 300.0	49	10	mg/L (PPM)	KC/TR	9/4/2023	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: 19.019
LOCATION: USA BIG CREEK 3-16/CTB

GTA PROJECT NO: 082923-7
GTA SAMPLE NO: 14

DATE SAMPLED: 8/24/2023
TIME SAMPLED:
DATE RECEIVED: 8/29/2023
TIME RECEIVED: 12:20 PM

MI
SAMPLED BY: KWB/HURON

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-17 (73) CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	KC/TR	9/4/2023	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: 19.019
LOCATION: USA BIG CREEK 3-16/CTB

GTA PROJECT NO: 082923-7
GTA SAMPLE NO: 15
DATE SAMPLED: 8/24/2023
TIME SAMPLED:
DATE RECEIVED: 8/29/2023
TIME RECEIVED: 12:20 PM

MI
SAMPLED BY: KWB/HURON

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-17 (81) CHLORIDE EPA 300.0	15	10	mg/L (PPM)	KC/TR	9/4/2023	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: 19.019
 LOCATION: USA BIG CREEK 3-16/CTB

GTA PROJECT NO: 082923-7
 GTA SAMPLE NO: 16
 DATE SAMPLED: 8/24/2023
 TIME SAMPLED:
 DATE RECEIVED: 8/29/2023
 TIME RECEIVED: 12:20 PM

MI
 SAMPLED BY: KWB/HURON

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 (69)	CHLORIDE EPA 300.0	19	10	mg/L (PPM)	KC/TR	9/4/2023	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: 19.019
 LOCATION: USA BIG CREEK 3-16/CTB

GTA PROJECT NO: 082923-7
 GTA SAMPLE NO: 17
 DATE SAMPLED: 8/24/2023
 TIME SAMPLED:
 DATE RECEIVED: 8/29/2023
 TIME RECEIVED: 12:20 PM

MI
 SAMPLED BY: KWB/HURON

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 (82) CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	KC/TR	9/4/2023	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: 19.019
 LOCATION: USA BIG CREEK 3-16/CTB

GTA PROJECT NO: 082923-7
 GTA SAMPLE NO: 18
 DATE SAMPLED: 8/24/2023
 TIME SAMPLED:
 DATE RECEIVED: 8/29/2023
 TIME RECEIVED: 12:20 PM

MI
 SAMPLED BY: KWB/HURON

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-19 (71)	ND	10	mg/L (PPM)	KC/TR	9/4/2023	WATER
	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: 19.019
 LOCATION: USA BIG CREEK 3-16/CTB

GTA PROJECT NO: 082923-7
 GTA SAMPLE NO: 19
 DATE SAMPLED: 8/24/2023
 TIME SAMPLED:
 DATE RECEIVED: 8/29/2023
 TIME RECEIVED: 12:20 PM

MI
 SAMPLED BY: KWB/HURON

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-19 (84)	ND	10	mg/L (PPM)	KC/TR	9/4/2023	WATER
	CHLORIDE EPA 300.0						

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



INDEPENDENT TESTING LAB

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
 PROJECT NO: 19.019
 LOCATION: USA BIG CREEK 3-16/CTB

GTA PROJECT NO: 082923-7
 GTA SAMPLE NO: 20
 DATE SAMPLED: 8/24/2023
 TIME SAMPLED:
 DATE RECEIVED: 8/29/2023
 TIME RECEIVED: 12:20 PM

SAMPLED BY: MI
 KWB/HURON

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-20 (72) CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	KC/TR	9/4/2023	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: 082923-7

GTA SAMPLE NO: 21

PROJECT NO: 19.019

LOCATION: USA BIG CREEK 3-16/CTB

DATE SAMPLED: 8/24/2023

TIME SAMPLED:

DATE RECEIVED: 8/29/2023

TIME RECEIVED: 12:20 PM

MI

SAMPLED BY: KWB/HURON

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-20 (87)

CHLORIDE EPA 300.0

<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
53	10	mg/L (PPM)	KC/TR	9/4/2023	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: 19.019
 LOCATION: USA BIG CREEK 3-16/CTB

GTA PROJECT NO: 082923-7
 GTA SAMPLE NO: 22
 DATE SAMPLED: 8/24/2023
 TIME SAMPLED:
 DATE RECEIVED: 8/29/2023
 TIME RECEIVED: 12:20 PM

MI
 SAMPLED BY: KWB/HURON

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-21 (70)	CHLORIDE EPA 300.0	62	10	mg/L (PPM)	KC/TR	9/4/2023	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:	082923-7
PROJECT NO:	19.019	GTA SAMPLE NO:	23
LOCATION:	USA BIG CREEK 3-16/CTB	DATE SAMPLED:	8/24/2023
		TIME SAMPLED:	
		DATE RECEIVED:	8/29/2023
		TIME RECEIVED:	12:20 PM
	MI		
SAMPLED BY:	KWB/HURON		

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-21 (87)						
	CHLORIDE EPA 300.0	34	10	mg/L (PPM)	KC/TR	9/4/2023	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: 19.019
 LOCATION: USA BIG CREEK 3-16/CTB

GTA PROJECT NO: 082923-7
 GTA SAMPLE NO: 24
 DATE SAMPLED: 8/25/2023
 TIME SAMPLED:
 DATE RECEIVED: 8/29/2023
 TIME RECEIVED: 12:20 PM

MI
 SAMPLED BY: KWB/HURON

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-22 (71)	CHLORIDE EPA 300.0	100	10	mg/L (PPM)	KC/TR	9/4/2023	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: 19.019
 LOCATION: USA BIG CREEK 3-16/CTB

GTA PROJECT NO: 082923-7
 GTA SAMPLE NO: 25
 DATE SAMPLED: 8/25/2023
 TIME SAMPLED:
 DATE RECEIVED: 8/29/2023
 TIME RECEIVED: 12:20 PM

MI
 SAMPLED BY: KWB/HURON

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-22 (85)	CHLORIDE EPA 300.0	77	10	mg/L (PPM)	KC/TR	9/4/2023	WATER

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

Annual Groundwater Monitoring

CHAIN OF CUSTODY

PROJECT NUMBER (Huron) 19.019	SITE NAME/ADDRESS/LOCATION USA BigCreek3-16/CTB	COMPANY/NAME Lambda Energy Resources, LLC
SAMPLED BY Kim Wallis-Burke	COMPANY Huron Engineering & Surveying, Inc.	GTA PROJECT # 082923-7

SAMPLE INFORMATION						
#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS	FC ms/cm
1	OW5 (70)	8/25/23		GW	Chloride	2.27
2	MW 7-S (73)	8/25/23				2.03
3	MW 7-I (85)	8/25/23				2.22
4	MW 8-S (69)	8/25/23				0.54
5	MW 8-I (85)	8/25/23				1.29
6	MW 9-S (70)	8/25/23				0.69
7	MW 9-I (85)	8/25/23				3.44
8	MW 9-D (100)*	8/25/23				1.00
9	MW 10-S (69)	8/24/23				3.26
10	MW 10-I (85)	8/25/23				3.10
11	MW 13 (72)	8/24/23				0.49
12	MW 14 (70) ^{11/23}	8/24/23				0.56
13	MW 14 (79)	8/24/23				0.89
14	MW 17 (73)	8/24/23				0.47
15	MW 17 (81)	8/24/23		↓	↓	0.51

BILL TO: Lambda Energy Resources, Nick Summerland (nsummerland@lambdaenergyllc.com)

REPORT TO: Huron Engineering & Surveying, Kim Wallis-Burke (kim.wallis-burke@huroncsi.com)

RELEASED BY	DATE/TIME	RECEIVED BY	DATE/TIME
Kimberly Wallis-Burke		Alpena DPS	8/28/23 pm
			8/29/23 1220

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

Annual Groundwater Monitoring

CHAIN OF CUSTODY

PROJECT NUMBER (Huron) 19.019	SITE NAME/ADDRESS/LOCATION VSA Big Creek 3-16 / CTB	COMPANY/NAME Lambda Energy Resources, LLC
SAMPLED BY Kim Wallis-Burke	COMPANY Huron Engineering & Surveying, Inc.	GTA PROJECT # 082923-7

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS	FC ms/cm
16	MW 18 (69)	8/24/23		GW	chloride	0.81
17	MW 18 (82)	8/24/23				0.73
18	MW 19 (71)	8/24/23				0.79
19	MW 19 (84)	8/24/23				0.52
20	MW 20 (72)	8/24/23				0.55
21	MW 20 (87)	8/24/23				0.83
22	MW 21 (70)	8/24/23				0.89
23	MW 21 (87)	8/24/23				0.71
24	MW 22 (71)	8/25/23				0.90
25	MW 22 (85)	8/25/23		↓	↓	0.95

BILL TO: Lambda Energy Resources, Nick Summerland (nsummerland@lambdaenergyllc.com)

REPORT TO: Huron Engineering & Surveying, Kim Wallis-Burke (kim.wallis-burke@huronesi.com)

RELEASED BY	DATE/TIME	RECEIVED BY	DATE/TIME
<i>Kimberly Wallis-Burke</i>		<i>Alpena UPS</i>	<i>8/28/23</i>
		<i>[Signature]</i>	<i>8/29/23 1220</i>

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