



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: 20.064
GTA ProjNo: 043024-5

Site Addr: CASE 33 CPF
Sampled By: KWB/HURON
Date Rec: 4/30/2024
Time Rec: 12:00 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-3D (115-120')	4/26/2024		WATER
2	MW-5 (89-99')	4/15/2024		WATER
3	MW-7D (122-127')	4/15/2024		WATER
4	MW-10 (114-119')	4/15/2024		WATER
5	MW-11D (133-138')	4/26/2024		WATER
6	MW-12D (152-157')	4/26/2024		WATER
7	MW-13D (121-126')	4/15/2024		WATER
8	MW-14D (176-181')	4/15/2024		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
Ph: 231-929-0905
Fx: 231-929-0894
SP: 231-590-0291
kirk@gtanalytical.com

COMPANY: LAMBDA ENERGY RESOURCES, LLC

PROJECT NO: 20.064

LOCATION: CASE 33 CPF

GTA PROJECT NO: 043024-5

GTA SAMPLE NO: 1

DATE SAMPLED: 4/26/2024

TIME SAMPLED:

DATE RECEIVED: 4/30/2024

TIME RECEIVED: 12:00 PM

MI

SAMPLED BY: KWB/HURON

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-3D (115-120')

CHLORIDE EPA 300.0

<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
600	50	mg/L (PPM)	KC/TR	5/9/2024	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: 20.064
LOCATION: CASE 33 CPF

GTA PROJECT NO: 043024-5
GTA SAMPLE NO: 2
DATE SAMPLED: 4/15/2024
TIME SAMPLED:
DATE RECEIVED: 4/30/2024
TIME RECEIVED: 12:00 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-5 (89-99') CHLORIDE EPA 300.0	17	10	mg/L (PPM)	KC/TR	5/9/2024	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: 20.064
 LOCATION: CASE 33 CPF

GTA PROJECT NO: 043024-5
 GTA SAMPLE NO: 3
 DATE SAMPLED: 4/15/2024
 TIME SAMPLED:
 DATE RECEIVED: 4/30/2024
 TIME RECEIVED: 12:00 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-7D (122-127') CHLORIDE EPA 300.0	120	10	mg/L (PPM)	KC/TR	5/9/2024	WATER

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 20.064
LOCATION: CASE 33 CPF

GTA PROJECT NO: 043024-5
GTA SAMPLE NO: 4
DATE SAMPLED: 4/15/2024
TIME SAMPLED:
DATE RECEIVED: 4/30/2024
TIME RECEIVED: 12:00 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 (114-119') CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	KC/TR	5/9/2024	WATER

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
 PROJECT NO: 20.064
 LOCATION: CASE 33 CPF

GTA PROJECT NO: 043024-5
 GTA SAMPLE NO: 5
 DATE SAMPLED: 4/26/2024
 TIME SAMPLED:
 DATE RECEIVED: 4/30/2024
 TIME RECEIVED: 12:00 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-11D (133-138*) CHLORIDE EPA 300.0	690	50	mg/L (PPM)	KC/TR	5/9/2024	WATER

ND = NOT DETECTED, RESULT < LOD
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COMPANY: LAMBDA ENERGY RESOURCES, LLC
 PROJECT NO: 20.064
 LOCATION: CASE 33 CPF

GTA PROJECT NO: 043024-5
 GTA SAMPLE NO: 6
 DATE SAMPLED: 4/26/2024
 TIME SAMPLED:
 DATE RECEIVED: 4/30/2024
 TIME RECEIVED: 12:00 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-12D (152-157') CHLORIDE EPA 300.0	3,300	100	mg/L (PPM)	KC/TR	5/9/2024	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: 20.064

LOCATION: CASE 33 CPF

GTA PROJECT NO: 043024-5

GTA SAMPLE NO: 7

DATE SAMPLED: 4/15/2024

TIME SAMPLED:

DATE RECEIVED: 4/30/2024

TIME RECEIVED: 12:00 PM

MI

SAMPLED BY: KWB/HURON

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-13D (121-126')

CHLORIDE EPA 300.0

<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
14	10	mg/L (PPM)	KC/TR	5/9/2024	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: 20.064

LOCATION: CASE 33 CPF

SAMPLED BY: MI
 KWB/HURON

GTA PROJECT NO: 043024-5

GTA SAMPLE NO: 8

DATE SAMPLED: 4/15/2024

TIME SAMPLED:

DATE RECEIVED: 4/30/2024

TIME RECEIVED: 12:00 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: MW-14D (176-181') CHLORIDE EPA 300.0	18	10	mg/L (PPM)	KC/TR	5/9/2024	WATER

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

Semi Annual GW Monitoring

CHAIN OF CUSTODY

PROJECT NUMBER (Huron) 20.064	SITE NAME/ADDRESS/LOCATION Case 33 CPF	COMPANY/NAME Lambda Energy Resources, LLC
SAMPLED BY Kim Wallis-Burke	COMPANY Huron Engineering & Surveying, Inc.	GTA PROJECT # <i>043024-5</i>

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	MW3D (115-120')	4/26/24		GW	Chloride (mg/l) <i>FC 2.4 mS/cm</i>
2	MW5 (89-99')	4/15/24		"	" " 0.68 "
3	MW7D (122-127')	4/15/24		"	" " 0.91 "
4	MW10 (114-119')	4/15/24		"	" " 0.60 "
5	MW11D (133-138')	4/26/24		"	" " 2.7 "
6	MW12D (152-157')	4/26/24		"	" " 9.5 "
7	MW13D (121-126')	4/15/24		"	" " 0.71 "
8	MW14D (176-181')	4/15/24		"	" " 0.62 "

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 <i>Kimberly S Wallis Burke</i>	DATE/TIME	RECEIVED BY Alpena UPS <i>[Signature]</i>	DATE/TIME <i>4/29/24</i> <i>4/30/24 12:00</i>
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REQUESTED TAT STANDARD 1 BUSINESS DAY 2 BUSINESS DAYS 3 BUSINESS DAYS