

**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: 19.031

GTA ProjNo: 042022-9

Site Addr: KRUEGERAND CGCF

Sampled By: KWB/HURON

Date Rec: 4/20/2022

Time Rec: 11:23 AM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-1R	4/19/2022		WATER
2	MW-5R	4/19/2022		WATER
3	MW-4	4/19/2022		WATER
4	MW-4D	4/19/2022		WATER
5	MW-6	4/19/2022		WATER
6	MW-9	4/19/2022		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
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SP: 231-590-0291
kirk@gtanalytical.com

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 19.031
LOCATION: KRUEGERAND CGCF
MI
SAMPLED BY: KWB/HURON

GTA PROJECT NO: 042022-9
GTA SAMPLE NO: 1
DATE SAMPLED: 4/19/2022
TIME SAMPLED:
DATE RECEIVED: 4/20/2022
TIME RECEIVED: 11:23 AM

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-1R						
	CHLORIDE EPA 300.0	38	10	mg/L (PPM)	TR	4/24/2022	WATER
	CONDUCTIVITY SM2510-B	690	1.0	uS/cm@25C	TR	4/24/2022	WATER

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

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PROJECT NO: 19.031
LOCATION: KRUEGERAND CGCF
MI
SAMPLED BY: KWB/HURON

GTA PROJECT NO: 042022-9
GTA SAMPLE NO: 2
DATE SAMPLED: 4/19/2022
TIME SAMPLED:
DATE RECEIVED: 4/20/2022
TIME RECEIVED: 11:23 AM

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-5R						
	CHLORIDE EPA 300.0	23	10	mg/L (PPM)	TR	4/24/2022	WATER
	CONDUCTIVITY SM2510-B	660	1.0	uS/cm@25C	TR	4/24/2022	WATER

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PROJECT NO: 19.031
LOCATION: KRUEGERAND CGCF
MI
SAMPLED BY: KWB/HURON

GTA PROJECT NO: 042022-9
GTA SAMPLE NO: 3
DATE SAMPLED: 4/19/2022
TIME SAMPLED:
DATE RECEIVED: 4/20/2022
TIME RECEIVED: 11:23 AM

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-4						
	CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	TR	4/24/2022	WATER
	CONDUCTIVITY SM2510-B	630	1.0	uS/cm@25C	TR	4/24/2022	WATER

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 19.031
LOCATION: KRUEGERAND CGCF
MI
SAMPLED BY: KWB/HURON

GTA PROJECT NO: 042022-9
GTA SAMPLE NO: 4
DATE SAMPLED: 4/19/2022
TIME SAMPLED:
DATE RECEIVED: 4/20/2022
TIME RECEIVED: 11:23 AM

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)	TR	4/24/2022	WATER
	CONDUCTIVITY SM2510-B	600	1.0	uS/cm@25C	TR	4/24/2022	WATER

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PROJECT NO: 19.031
LOCATION: KRUEGERAND CGCF
MI
SAMPLED BY: KWB/HURON

GTA PROJECT NO: 042022-9
GTA SAMPLE NO: 5
DATE SAMPLED: 4/19/2022
TIME SAMPLED:
DATE RECEIVED: 4/20/2022
TIME RECEIVED: 11:23 AM

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-6						
	CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	TR	4/24/2022	WATER
	CONDUCTIVITY SM2510-B	600	1.0	uS/cm@25C	TR	4/24/2022	WATER

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 19.031
LOCATION: KRUEGERAND CGCF
MI
SAMPLED BY: KWB/HURON

GTA PROJECT NO: 042022-9
GTA SAMPLE NO: 6
DATE SAMPLED: 4/19/2022
TIME SAMPLED:
DATE RECEIVED: 4/20/2022
TIME RECEIVED: 11:23 AM

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						
	CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	TR	4/24/2022	WATER
	CONDUCTIVITY SM2510-B	600	1.0	uS/cm@25C	TR	4/24/2022	WATER

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Semi-Annual Secondary Containment Groundwater Monitoring and CHAIN OF CUSTODY Supplemental Monitoring

PROJECT NUMBER (Huron) 19.031	SITE NAME/ADDRESS/LOCATION Krueger and CGCF	COMPANY/NAME Lambda Energy Resources, LLC
SAMPLED BY Kim Wallis-Burke	COMPANY Huron Engineering & Surveying, Inc.	GTA PROJECT # 042022-9

SAMPLE INFORMATION					
#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	MW 1R	4/19/22		GW	Chloride (mg/l) and Specific Conductance (umhos/cm)
2	MW 5R	4/19/22		GW	"
3	MW 4	4/19/22		GW	Chloride
4	MW 4D	4/19/22		GW	"
5	MW 6	4/19/22		GW	"
6	MW 9	4/19/22		GW	"

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 Kimberly Wallis-Burke	DATE/TIME 4/19/22 p	RECEIVED BY Alpena DPS	DATE/TIME 4/20/22 11:23
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REQUESTED TAT ☒ STANDARD ☐ 1 BUSINESS DAY ☐ 2 BUSINESS DAYS ☐ 3 BUSINESS DAYS