

**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:

Site Addr: JARVIS 5-8

GTA ProjNo: 120220-8

Sampled By: NICK SUMMERLAND/LER
Date Rec: 12/2/2020
Time Rec: 12:22 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	FL-1	12/1/2020	1:25 PM	SOIL
2	FL-2	12/1/2020	1:27 PM	SOIL
3	FL-3	12/1/2020	3:38 PM	SOIL
4	SW-N	12/1/2020	1:56 PM	SOIL
5	SW-NE	12/1/2020	3:28 PM	SOIL
6	SW-E	12/1/2020	3:15 PM	SOIL
7	SW-E-2	12/1/2020	3:35 PM	SOIL
8	SW-S	12/1/2020	1:31 PM	SOIL
9	SW-W	12/1/2020	2:02 PM	SOIL

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
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Traverse City, MI 49686
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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO:
LOCATION: JARVIS 5-8
MI
SAMPLED BY: NICK SUMMERLAND/LER

GTA PROJECT NO: 120220-8
GTA SAMPLE NO: 1
DATE SAMPLED: 12/1/2020
TIME SAMPLED: 1:25 PM
DATE RECEIVED: 12/2/2020
TIME RECEIVED: 12:22 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</u>
	SAMPLE ID: FL-1						
	CHLORIDE EPA 300.0	ND	120	mg/L (PPM)	LV	12/3/2020	SOIL

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:
LOCATION: JARVIS 5-8
MI
SAMPLED BY: NICK SUMMERLAND/LER
GTA PROJECT NO: 120220-8
GTA SAMPLE NO: 2
DATE SAMPLED: 12/1/2020
TIME SAMPLED: 1:27 PM
DATE RECEIVED: 12/2/2020
TIME RECEIVED: 12:22 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</u>
	SAMPLE ID: FL-2						
	CHLORIDE EPA 300.0	ND	120	mg/L (PPM)	LV	12/3/2020	SOIL

ND = NOT DETECTED, RESULT < LOD
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COMPANY: LAMBDA ENERGY RESOURCES, LLC

GTA PROJECT NO: 120220-8

PROJECT NO:

GTA SAMPLE NO: 3

LOCATION: JARVIS 5-8

DATE SAMPLED: 12/1/2020

TIME SAMPLED: 3:38 PM

DATE RECEIVED: 12/2/2020

TIME RECEIVED: 12:22 PM

MI

SAMPLED BY: NICK SUMMERLAND/LER

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: FL-3

CHLORIDE EPA 300.0

Concentration

790

LOD

120

Units

mg/L (PPM)

Analyst

LV

Date Completed

12/3/2020

Sample

SOIL

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO:
LOCATION: JARVIS 5-8
MI
SAMPLED BY: NICK SUMMERLAND/LER

GTA PROJECT NO: 120220-8
GTA SAMPLE NO: 4
DATE SAMPLED: 12/1/2020
TIME SAMPLED: 1:56 PM
DATE RECEIVED: 12/2/2020
TIME RECEIVED: 12:22 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</u>
SAMPLE ID: SW-N							
CHLORIDE EPA 300.0		ND	110	mg/L (PPM)	LV	12/3/2020	SOIL

ND = NOT DETECTED, RESULT < LOD
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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO:
LOCATION: JARVIS 5-8
MI
SAMPLED BY: NICK SUMMERLAND/LER
GTA PROJECT NO: 120220-8
GTA SAMPLE NO: 5
DATE SAMPLED: 12/1/2020
TIME SAMPLED: 3:28 PM
DATE RECEIVED: 12/2/2020
TIME RECEIVED: 12:22 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</u>
	SAMPLE ID: SW-NE CHLORIDE EPA 300.0	ND	120	mg/L (PPM)	LV	12/3/2020	SOIL

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LOD = LIMIT OF DETECTION
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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO:
LOCATION: JARVIS 5-8
MI
SAMPLED BY: NICK SUMMERLAND/LER
GTA PROJECT NO: 120220-8
GTA SAMPLE NO: 6
DATE SAMPLED: 12/1/2020
TIME SAMPLED: 3:15 PM
DATE RECEIVED: 12/2/2020
TIME RECEIVED: 12:22 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</u>
	SAMPLE ID: SW-E CHLORIDE EPA 300.0	ND	110	mg/L (PPM)	LV	12/3/2020	SOIL

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:
LOCATION: JARVIS 5-8
MI
SAMPLED BY: NICK SUMMERLAND/LER

GTA PROJECT NO: 120220-8
GTA SAMPLE NO: 7
DATE SAMPLED: 12/1/2020
TIME SAMPLED: 3:35 PM
DATE RECEIVED: 12/2/2020
TIME RECEIVED: 12:22 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</u>
	SAMPLE ID: SW-E-2 CHLORIDE EPA 300.0	ND	120	mg/L (PPM)	LV	12/3/2020	SOIL

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:
LOCATION: JARVIS 5-8
MI
SAMPLED BY: NICK SUMMERLAND/LER
GTA PROJECT NO: 120220-8
GTA SAMPLE NO: 8
DATE SAMPLED: 12/1/2020
TIME SAMPLED: 1:31 PM
DATE RECEIVED: 12/2/2020
TIME RECEIVED: 12:22 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</u>
	SAMPLE ID: SW-S CHLORIDE EPA 300.0	ND	120	mg/L (PPM)	LV	12/3/2020	SOIL

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LOD = LIMIT OF DETECTION
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COMPANY: LAMBDA ENERGY RESOURCES, LLC GTA PROJECT NO: 120220-8
PROJECT NO: GTA SAMPLE NO: 9
LOCATION: JARVIS 5-8 DATE SAMPLED: 12/1/2020
TIME SAMPLED: 2:02 PM
DATE RECEIVED: 12/2/2020
TIME RECEIVED: 12:22 PM
MI
SAMPLED BY: NICK SUMMERLAND/LER

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</u>
	SAMPLE ID: SW-W CHLORIDE EPA 300.0	ND	120	mg/L (PPM)	LV	12/3/2020	SOIL

ND = NOT DETECTED, RESULT < LOD
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COMPANY: LAMBDA ENERGY RESOURCES, LLC

GTA PROJECT NO: 120220-

NAME:

SAMPLED BY: NICK SUMMERLAND/LER

PROJECT NO:

DATE SAMPLED: 12/1/2020

TIME SAMPLED: 1:25 PM

LOCATION: JARVIS 5-8

SAMPLE MATRIX: SOIL

DATE RECEIVED: 12/2/2020

TIME RECEIVED: 12:22 PM

MI

MOISTURE

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>
SAMPLE ID: FL-1	% MOISTURE EPA 3550C	18	0.050	% OF SAMPLE	AS	12/2/2020
SAMPLE ID: FL-2	% MOISTURE EPA 3550C	18	0.050	% OF SAMPLE	AS	12/2/2020
SAMPLE ID: FL-3	% MOISTURE EPA 3550C	18	0.050	% OF SAMPLE	AS	12/2/2020
SAMPLE ID: SW-N	% MOISTURE EPA 3550C	10	0.050	% OF SAMPLE	AS	12/2/2020
SAMPLE ID: SW-NE	% MOISTURE EPA 3550C	14	0.050	% OF SAMPLE	AS	12/2/2020
SAMPLE ID: SW-E	% MOISTURE EPA 3550C	8.0	0.050	% OF SAMPLE	AS	12/2/2020
SAMPLE ID: SW-E-2	% MOISTURE EPA 3550C	17	0.050	% OF SAMPLE	AS	12/2/2020
SAMPLE ID: SW-S	% MOISTURE EPA 3550C	18	0.050	% OF SAMPLE	AS	12/2/2020
SAMPLE ID: SW-W	% MOISTURE EPA 3550C	17	0.050	% OF SAMPLE	AS	12/2/2020

CHAIN OF CUSTODY

PROJECT NUMBER	SITE NAME/ADDRESS	COMPANY/NAME
	Servis 5-8	Lambda Energy Resources
SAMPLED BY	COMPANY	GTA PROJECT #
Nick Summerland	Lambda	120220-8

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	FL-1	12-1-20	1:25P	Soil	Chloride
2	FL-2		1:27P		
3	FL-3		3:38P		
4	SW-N		1:56P		
5	SW-NE		3:28P		
6	SW-E		3:15P		
7	SW-E-2		3:35P		
8	SW-S		1:31P		
9	SW-W		2:02P		

BILL TO:

REPORT TO:

Lambda Energy re2C onic N Summerland

RELEASED BY

DATE/TIME

RECEIVED BY

DATE/TIME

Nick Summerland 12-2-20 9:58 AM

Mykaia 12/2/20 9:58 am

Mykaia 12/2/20 12:22 PM

Mykaia 12/2/20 12:22 PM

REQUESTED TAT

☐ STANDARD

☐ 1 BUSINESS DAY

☐ 2 BUSINESS DAYS

☒ 3 BUSINESS DAYS