

**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: SPRINGDALE 28 LINE HEATER

GTA ProjNo: 102920-4

Sampled By: N. SUMMERLAND/LER
Date Rec: 10/29/2020
Time Rec: 4:28 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	FS-1	10/29/2020	3:00 PM	SOIL
2	FS-2	10/29/2020	3:04 PM	SOIL
3	SW-1-8"	10/29/2020	3:06 PM	SOIL
4	SW-2-8"	10/29/2020	3:07 PM	SOIL
5	SW-3-8"	10/29/2020	3:09 PM	SOIL
6	HA-1-4'	10/29/2020	3:12 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
830 Robinwood Court
Traverse City, MI 49686
Ph: 231-929-0905
Fx: 231-929-0894
SP: 231-590-0291
kirk@gtanalytical.com

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COMPANY: LAMBDA ENERGY RESOURCES, LLC

GTA PROJECT NO: 102920-4

GTA SAMPLE NO: 1

NAME:

PROJECT NO:

DATE SAMPLED: 10/29/2020

LOCATION: SPRINGDALE 28 LINE HEATER

TIME SAMPLED: 3:00 PM

DATE RECEIVED: 10/29/2020

TIME RECEIVED: 4:28 PM

SAMPLED BY: MI
N. SUMMERLAND/LER**ORGANICS**

<u>No:</u>	<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>Complete</u>	<u>Prep Method</u>
SAMPLE ID:	FS-1							
SAMPLE MATRIX:	SOIL							
ETHYLENE GLYCOL EPA 8015M		ND	4.0	mg/Kg (PPM)	KC/TR	11/9/2020	11/9/2020	EPA 3550M

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

GTA PROJECT NO: 102920-4

GTA SAMPLE NO: 2

NAME:

PROJECT NO:

DATE SAMPLED: 10/29/2020

LOCATION: SPRINGDALE 28 LINE HEATER

TIME SAMPLED: 3:04 PM

DATE RECEIVED: 10/29/2020

TIME RECEIVED: 4:28 PM

SAMPLED BY: MI
N. SUMMERLAND/LER**ORGANICS**

<u>No:</u>	<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>Complete</u>	<u>Prep Method</u>
SAMPLE ID:	FS-2							
SAMPLE MATRIX:	SOIL							
ETHYLENE GLYCOL EPA 8015M		ND	4.0	mg/Kg (PPM)	KC/TR	11/9/2020	11/9/2020	EPA 3550M

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COMPANY: LAMBDA ENERGY RESOURCES, LLC

GTA PROJECT NO: 102920-4

GTA SAMPLE NO: 3

NAME:

PROJECT NO:

DATE SAMPLED: 10/29/2020

LOCATION: SPRINGDALE 28 LINE HEATER

TIME SAMPLED: 3:06 PM

DATE RECEIVED: 10/29/2020

TIME RECEIVED: 4:28 PM

SAMPLED BY: MI
N. SUMMERLAND/LER**ORGANICS**

<u>No:</u>	<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>Complete</u>	<u>Prep Method</u>
SAMPLE ID:	SW-1-8"							
SAMPLE MATRIX:	SOIL							
ETHYLENE GLYCOL EPA 8015M		ND	4.0	mg/Kg (PPM)	KC/TR	11/9/2020	11/9/2020	EPA 3550M

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
NAME:
PROJECT NO:
LOCATION: SPRINGDALE 28 LINE HEATER
MI
SAMPLED BY: N. SUMMERLAND/LER
GTA PROJECT NO: 102920-4
GTA SAMPLE NO: 4
DATE SAMPLED: 10/29/2020
TIME SAMPLED: 3:07 PM
DATE RECEIVED: 10/29/2020
TIME RECEIVED: 4:28 PM

ORGANICS

<u>No:</u>	<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>Complete</u>	<u>Prep Method</u>
SAMPLE ID:	SW-2-8"							
SAMPLE MATRIX:	SOIL							
ETHYLENE GLYCOL EPA 8015M		ND	4.0	mg/Kg (PPM)	KC/TR	11/9/2020	11/9/2020	EPA 3550M

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.

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COMPANY: LAMBDA ENERGY RESOURCES, LLC

GTA PROJECT NO: 102920-4

GTA SAMPLE NO: 5

NAME:

PROJECT NO:

DATE SAMPLED: 10/29/2020

LOCATION: SPRINGDALE 28 LINE HEATER

TIME SAMPLED: 3:09 PM

DATE RECEIVED: 10/29/2020

TIME RECEIVED: 4:28 PM

SAMPLED BY: MI
N. SUMMERLAND/LER**ORGANICS**

<u>No:</u>	<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>Complete</u>	<u>Prep Method</u>
SAMPLE ID:	SW-3-8"							
SAMPLE MATRIX:	SOIL							
ETHYLENE GLYCOL EPA 8015M		ND	4.0	mg/Kg (PPM)	KC/TR	11/9/2020	11/9/2020	EPA 3550M

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.

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COMPANY: LAMBDA ENERGY RESOURCES, LLC

GTA PROJECT NO: 102920-4

GTA SAMPLE NO: 6

NAME:

PROJECT NO:

DATE SAMPLED: 10/29/2020

LOCATION: SPRINGDALE 28 LINE HEATER

TIME SAMPLED: 3:12 PM

DATE RECEIVED: 10/29/2020

TIME RECEIVED: 4:28 PM

SAMPLED BY: MI
N. SUMMERLAND/LER**ORGANICS**

<u>No:</u>	<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>Complete</u>	<u>Prep Method</u>
SAMPLE ID:	HA-1-4'							
SAMPLE MATRIX:	SOIL							
ETHYLENE GLYCOL EPA 8015M		ND	4.0	mg/Kg (PPM)	KC/TR	11/9/2020	11/9/2020	EPA 3550M

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.

ND = NOT DETECTED, RESULT < LOD

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COMPANY: LAMBDA ENERGY RESOURCES, LLC

GTA PROJECT NO: 102920-

NAME:

SAMPLED BY: N. SUMMERLAND/LER

PROJECT NO:

DATE SAMPLED: 10/29/2020

TIME SAMPLED: 3:00 PM

LOCATION: SPRINGDALE 28 LINE HEATER

SAMPLE MATRIX: SOIL

DATE RECEIVED: 10/29/2020

TIME RECEIVED: 4:28 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: FS-1	% MOISTURE EPA 3550C	11	0.050	% OF SAMPLE	AS	10/29/2020
SAMPLE ID: FS-2	% MOISTURE EPA 3550C	13	0.050	% OF SAMPLE	AS	10/29/2020
SAMPLE ID: SW-1-8"	% MOISTURE EPA 3550C	8.1	0.050	% OF SAMPLE	AS	10/29/2020
SAMPLE ID: SW-2-8"	% MOISTURE EPA 3550C	8.1	0.050	% OF SAMPLE	AS	10/29/2020
SAMPLE ID: SW-3-8"	% MOISTURE EPA 3550C	7.5	0.050	% OF SAMPLE	AS	10/29/2020
SAMPLE ID: HA-1-4'	% MOISTURE EPA 3550C	4.9	0.050	% OF SAMPLE	AS	10/29/2020

CHAIN OF CUSTODY

PROJECT NUMBER	SITE NAME/ADDRESS	COMPANY/NAME
	Springdale 28 Line head	Lambda Energy
SAMPLED BY	COMPANY	GTA PROJECT #
N Summerland	Lambda Energy	102920-4

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	FS-1	10-29-20	3:00 PM	Soil	Ethylene Glycol
2	FS-2	↓	3:04 PM	↓	↓
3	SW-1-8"	↓	3:06 P	↓	↓
4	SW-2-8"	↓	3:07 P	↓	↓
5	SW-3-8"	↓	3:09 P	↓	↓
6	WA-1-4'	↓	3:12 P	↓	↓

BILL TO:

Lambda Energy

REPORT TO:

N Summerland

RELEASED BY

DATE/TIME

Mike [Signature] 10-29-20 4:30 PM

RECEIVED BY

DATE/TIME

[Signature] 10/29/20 4:28 PM

REQUESTED TAT

☒ STANDARD

☐ 1 BUSINESS DAY

☐ 2 BUSINESS DAYS

☐ 3 BUSINESS DAYS