



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: 2018100042.01
GTA ProjNo: 121619-3

Site Addr: BLAIR 36 CPF

Sampled By: JOSHUA GERRIE/GCES
Date Rec: 12/16/2019
Time Rec: 3:23 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-13S	12/16/2019		WATER
2	MW-13M	12/16/2019		WATER
3	MW-13	12/16/2019		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.

A handwritten signature in black ink that reads "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
PROJECT NO: 2018100042.01
LOCATION: BLAIR 36 CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-13S

GTA PROJECT NO: 121619-3
GTA SAMPLE NO: 1
DATE SAMPLED: 12/16/2019
TIME SAMPLED:
DATE RECEIVED: 12/16/2019
TIME RECEIVED: 3:23 PM
SAMPLED BY: JOSHUA GERRIE/GCES

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		12/18/2019	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					

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
PROJECT NO: 2018100042.01
LOCATION: BLAIR 36 CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-13M

GTA PROJECT NO: 121619-3
GTA SAMPLE NO: 2
DATE SAMPLED: 12/16/2019
TIME SAMPLED:
DATE RECEIVED: 12/16/2019
TIME RECEIVED: 3:23 PM
SAMPLED BY: JOSHUA GERRIE/GCES

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		12/18/2019	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.
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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100042.01
LOCATION: BLAIR 36 CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-13
GTA PROJECT NO: 121619-3
GTA SAMPLE NO: 3
DATE SAMPLED: 12/16/2019
TIME SAMPLED:
DATE RECEIVED: 12/16/2019
TIME RECEIVED: 3:23 PM
SAMPLED BY: JOSHUA GERRIE/GCES

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		12/18/2019	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					

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PROJECT NO: 2018100042.01
LOCATION: BLAIR 36 CPF
MI
SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 121619-3
GTA SAMPLE NO: 1
DATE SAMPLED: 12/16/2019
TIME SAMPLED:
DATE RECEIVED: 12/16/2019
TIME RECEIVED: 3:23 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-13S						
	CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	LV	12/19/2019	WATER
	CONDUCTIVITY SM2510-B	220	1.0	uS/cm@25C	LV	12/19/2019	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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COMPANY: LAMBDA ENERGY RESOURCES, LLC

PROJECT NO: 2018100042.01

LOCATION: BLAIR 36 CPF

GTA PROJECT NO: 121619-3

GTA SAMPLE NO: 2

DATE SAMPLED: 12/16/2019

TIME SAMPLED:

DATE RECEIVED: 12/16/2019

TIME RECEIVED: 3:23 PM

MI

SAMPLED BY: JOSHUA GERRIE/GCES

SAMPLE ANALYSIS**No: Analysis**

SAMPLE ID: MW-13M

CHLORIDE EPA 300.0

CONDUCTIVITY SM2510-B

Concentration

ND

590

LOD

10

1.0

Units

mg/L (PPM)

uS/cm@25C

Analyst

LV

LV

Date Completed

12/19/2019

12/19/2019

Sample Matrix

WATER

WATER

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LOD = LIMIT OF DETECTION

s.u. = STANDARD pH UNITS REPORTED AT 25 C

DISS = DISSOLVED

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LOCATION: BLAIR 36 CPF
MI
SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 121619-3
GTA SAMPLE NO: 3
DATE SAMPLED: 12/16/2019
TIME SAMPLED:
DATE RECEIVED: 12/16/2019
TIME RECEIVED: 3:23 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-13						
	CHLORIDE EPA 300.0	23	10	mg/L (PPM)	LV	12/19/2019	WATER
	CONDUCTIVITY SM2510-B	640	1.0	uS/cm@25C	LV	12/19/2019	WATER

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CHAIN OF CUSTODY

PROJECT NUMBER 2018100042.0'	SITE NAME/ADDRESS Blair 3G CPF	COMPANY/NAME Lambda Energy Resources
SAMPLED BY Jashua Gerrie	COMPANY Gasling Czuba	GTA PROJECT # 121619-3

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	MW-13s	12-16-19		GW	BTEX, Chloride, & Sp. Cond
2	MW-13m	↓		↓	↓ ↓ ↓
3	MW-13	↓		↓	↓ ↓ ↓

BILL TO:

Lambda Energy Resources

REPORT TO:

Eric Vincke

RELEASED BY

DATE/TIME

RECEIVED BY

DATE/TIME

[Signature] 12-16-19 / 1525

K. Ch 12/16/19 15:23p

REQUESTED TAT

☒ **STANDARD**

☐ **1 BUSINESS DAY**

☐ **2 BUSINESS DAYS**

☐ **3 BUSINESS DAYS**