



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: 2018100109.01
GTA ProjNo: 012220-7

Site Addr: SPRINGDALE 25 CPF

Sampled By: JOSHUA GERRIE/GCES
Date Rec: 1/22/2020
Time Rec: 3:05 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-14R (15')	1/22/2020		WATER
2	MW-14 (21')	1/22/2020		WATER
3	MW-14 (30')	1/22/2020		WATER
4	MW-15	1/22/2020		WATER
5	MW-16 (15')	1/22/2020		WATER
6	MW-16 (20')	1/22/2020		WATER
7	MW-17	1/22/2020		WATER
8	MW-11	1/22/2020		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
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COMPANY: LAMBDA ENERGY RESOURCES, LLC
 PROJECT NO: 2018100109.01
 LOCATION: SPRINGDALE 25 CPF
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-14R (15')

GTA PROJECT NO: 012220-7
 GTA SAMPLE NO: 1
 DATE SAMPLED: 1/22/2020
 TIME SAMPLED:
 DATE RECEIVED: 1/22/2020
 TIME RECEIVED: 3:05 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		1/26/2020	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

COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100109.01
LOCATION: SPRINGDALE 25 CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-15

GTA PROJECT NO: 012220-7
GTA SAMPLE NO: 4
DATE SAMPLED: 1/22/2020
TIME SAMPLED:
DATE RECEIVED: 1/22/2020
TIME RECEIVED: 3:05 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		1/26/2020	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
 PROJECT NO: 2018100109.01
 LOCATION: SPRINGDALE 25 CPF
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-16 (15')

GTA PROJECT NO: 012220-7
 GTA SAMPLE NO: 5
 DATE SAMPLED: 1/22/2020
 TIME SAMPLED:
 DATE RECEIVED: 1/22/2020
 TIME RECEIVED: 3:05 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		1/26/2020	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
 PROJECT NO: 2018100109.01
 LOCATION: SPRINGDALE 25 CPF
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-16 (20')

GTA PROJECT NO: 012220-7
 GTA SAMPLE NO: 6
 DATE SAMPLED: 1/22/2020
 TIME SAMPLED:
 DATE RECEIVED: 1/22/2020
 TIME RECEIVED: 3:05 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		1/26/2020	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: 2018100109.01
LOCATION: SPRINGDALE 25 CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-17

GTA PROJECT NO: 012220-7
GTA SAMPLE NO: 7
DATE SAMPLED: 1/22/2020
TIME SAMPLED:
DATE RECEIVED: 1/22/2020
TIME RECEIVED: 3:05 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		1/26/2020	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	25	1.0					
Xylene(Total)	44	3.0					
1,2,4-Trimethylbenzene	3.8	1.0					
1,3,5-Trimethylbenzene	1.6	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.
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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100109.01
LOCATION: SPRINGDALE 25 CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-11

GTA PROJECT NO: 012220-7
GTA SAMPLE NO: 8
DATE SAMPLED: 1/22/2020
TIME SAMPLED:
DATE RECEIVED: 1/22/2020
TIME RECEIVED: 3:05 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		1/26/2020	EPA 5030B
Toluene	11	1.0					
Ethylbenzene	29	1.0					
Xylene(Total)	220	3.0					
1,2,4-Trimethylbenzene	110	1.0					
1,3,5-Trimethylbenzene	26	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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

PROJECT NUMBER	SITE NAME/ADDRESS	COMPANY/NAME
2018100109.01	Springdale 25 CPF	Lambda Energy Resources
SAMPLED BY	COMPANY	GTA PROJECT #
Joshua Gemie	Gosling Czubak	012220-7

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS	
1	MW-14R (15')	1-22-20		GW	BTEX + Chloride	
2	MW-14 (21')	↓		↓	↓	
3	MW-14 (30')					
4	MW-15					
5	MW-16 (15')					
6	MW-16 (20')					
7	MW-17					BTEX + 4 + Chloride
8	MW-11					↓

BILL TO:

Lambda Energy Resources

REPORT TO:

Eric Vincke

RELEASED BY

DATE/TIME

RECEIVED BY

DATE/TIME

[Signature] 1-22-20/1505

[Signature] 1/22/20 1505
rec 4.00 C

REQUESTED TAT

STANDARD

1 BUSINESS DAY

2 BUSINESS DAYS

3 BUSINESS DAYS