

**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: 2018100106.01

GTA ProjNo: 061621-12

Site Addr: HAYES 22 CPF

Sampled By: JOSHUA GERRIE/GCES

Date Rec: 6/16/2021

Time Rec: 4:35 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	RW-201	6/16/2021	10:55 AM	WATER
2	RW-202	6/16/2021	11:05 AM	WATER
3	MW-133D3	6/16/2021	11:30 AM	WATER
4	MW-134D3	6/16/2021	11:20 AM	WATER
5	MW-135D3	6/16/2021	11:40 AM	WATER
6	MW-136D3	6/16/2021	11:55 AM	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
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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100106.01
LOCATION: HAYES 22 CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: RW-201
GTA PROJECT NO: 061621-12
GTA SAMPLE NO: 1
DATE SAMPLED: 6/16/2021
TIME SAMPLED: 10:55 AM
DATE RECEIVED: 6/16/2021
TIME RECEIVED: 4:35 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	2.6	1.0	ug/L (PPB)	MR		6/18/2021	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: 2018100106.01
LOCATION: HAYES 22 CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: RW-202

GTA PROJECT NO: 061621-12
GTA SAMPLE NO: 2
DATE SAMPLED: 6/16/2021
TIME SAMPLED: 11:05 AM
DATE RECEIVED: 6/16/2021
TIME RECEIVED: 4:35 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		6/18/2021	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: 2018100106.01
LOCATION: HAYES 22 CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-133D3

GTA PROJECT NO: 061621-12
GTA SAMPLE NO: 3
DATE SAMPLED: 6/16/2021
TIME SAMPLED: 11:30 AM
DATE RECEIVED: 6/16/2021
TIME RECEIVED: 4:35 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		6/18/2021	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: 2018100106.01
LOCATION: HAYES 22 CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-134D3

GTA PROJECT NO: 061621-12
GTA SAMPLE NO: 4
DATE SAMPLED: 6/16/2021
TIME SAMPLED: 11:20 AM
DATE RECEIVED: 6/16/2021
TIME RECEIVED: 4:35 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	2.1	1.0	ug/L (PPB)	MR		6/18/2021	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					

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PROJECT NO: 2018100106.01
LOCATION: HAYES 22 CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-135D3

GTA PROJECT NO: 061621-12
GTA SAMPLE NO: 5
DATE SAMPLED: 6/16/2021
TIME SAMPLED: 11:40 AM
DATE RECEIVED: 6/16/2021
TIME RECEIVED: 4:35 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		6/18/2021	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: 2018100106.01
LOCATION: HAYES 22 CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-136D3

GTA PROJECT NO: 061621-12
GTA SAMPLE NO: 6
DATE SAMPLED: 6/16/2021
TIME SAMPLED: 11:55 AM
DATE RECEIVED: 6/16/2021
TIME RECEIVED: 4:35 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		6/18/2021	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	5.4	3.0					

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100106.01
LOCATION: HAYES 22 CPF
MI
SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 061621-12
GTA SAMPLE NO: 1
DATE SAMPLED: 6/16/2021
TIME SAMPLED: 10:55 AM
DATE RECEIVED: 6/16/2021
TIME RECEIVED: 4:35 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: RW-201							
CHLORIDE EPA 300.0		17	10	mg/L (PPM)	TR	6/21/2021	WATER

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

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COMPANY: LAMBDA ENERGY RESOURCES, LLC

PROJECT NO: 2018100106.01

LOCATION: HAYES 22 CPF

GTA PROJECT NO: 061621-12

GTA SAMPLE NO: 2

DATE SAMPLED: 6/16/2021

TIME SAMPLED: 11:05 AM

DATE RECEIVED: 6/16/2021

TIME RECEIVED: 4:35 PM

MI

SAMPLED BY: JOSHUA GERRIE/GCES

SAMPLE ANALYSIS**No: Analysis**

SAMPLE ID: RW-202

CHLORIDE EPA 300.0

Concentration

11

LOD

10

Units

mg/L (PPM)

Analyst

TR

Date Completed

6/21/2021

Sample

WATER

ND = NOT DETECTED, RESULT < LOD

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LOCATION: HAYES 22 CPF
MI
SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 061621-12
GTA SAMPLE NO: 3
DATE SAMPLED: 6/16/2021
TIME SAMPLED: 11:30 AM
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TIME RECEIVED: 4:35 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: MW-133D3 CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	TR	6/21/2021	WATER

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PROJECT NO: 2018100106.01
LOCATION: HAYES 22 CPF
MI
SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 061621-12
GTA SAMPLE NO: 4
DATE SAMPLED: 6/16/2021
TIME SAMPLED: 11:20 AM
DATE RECEIVED: 6/16/2021
TIME RECEIVED: 4:35 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: MW-134D3 CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	TR	6/21/2021	WATER

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LOD = LIMIT OF DETECTION
s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100106.01
LOCATION: HAYES 22 CPF
MI
SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 061621-12
GTA SAMPLE NO: 5
DATE SAMPLED: 6/16/2021
TIME SAMPLED: 11:40 AM
DATE RECEIVED: 6/16/2021
TIME RECEIVED: 4:35 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: MW-135D3 CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	TR	6/21/2021	WATER

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: 2018100106.01
LOCATION: HAYES 22 CPF
MI
SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 061621-12
GTA SAMPLE NO: 6
DATE SAMPLED: 6/16/2021
TIME SAMPLED: 11:55 AM
DATE RECEIVED: 6/16/2021
TIME RECEIVED: 4:35 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: MW-136D3						
	CHLORIDE EPA 300.0	29	10	mg/L (PPM)	TR	6/21/2021	WATER

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

CHAIN OF CUSTODY

PROJECT NUMBER 2008100106.01	SITE NAME/ADDRESS Hayes 22 CPF	COMPANY/NAME Lambda Energy Resources
SAMPLED BY Joshua Gernie	COMPANY Gosling Czubak	GTA PROJECT # 061621-12

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	RW-201	6-16-21	1055	GW	BTEX & Chloride
2	RW-202	↓	1105	↓	↓
3	MW-133d3		1130	↓	↓
4	MW-134d3		1120	↓	↓
5	MW-135d3		1140	↓	↓
6	MW-136d3		1155	↓	↓

BILL TO:

REPORT TO:

Lambda Energy Resources

Adam Biteman

RELEASED BY

DATE/TIME

RECEIVED BY

DATE/TIME

[Signature] 6/16/21/1635

[Signature] 6/16/21/1635
rec 9.00
ON YC

REQUESTED TAT ☒ STANDARD ☐ 1 BUSINESS DAY ☐ 2 BUSINESS DAYS ☐ 3 BUSINESS DAYS