

**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: 012622-6

Site Addr: HAYES 22 CPF

Sampled By: JOSHUA GERRIE/GCES

Date Rec: 1/26/2022

Time Rec: 4:05 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	RW-201	1/26/2022	11:30 AM	WATER
2	RW-202	1/26/2022	11:40 AM	WATER
3	MW-133D3	1/26/2022	12:10 PM	WATER
4	MW-134D3	1/26/2022	11:50 AM	WATER
5	MW-135D3	1/26/2022	12:20 PM	WATER
6	MW-136D3	1/26/2022	12:30 PM	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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Fx: 231-929-0894
SP: 231-590-0291
kirk@gtanalytical.com

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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: 012622-6
GTA SAMPLE NO: 1
DATE SAMPLED: 1/26/2022
TIME SAMPLED: 11:30 AM
DATE RECEIVED: 1/26/2022
TIME RECEIVED: 4:05 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		1/27/2022	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: 012622-6
GTA SAMPLE NO: 2
DATE SAMPLED: 1/26/2022
TIME SAMPLED: 11:40 AM
DATE RECEIVED: 1/26/2022
TIME RECEIVED: 4:05 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		1/27/2022	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: 012622-6
GTA SAMPLE NO: 3
DATE SAMPLED: 1/26/2022
TIME SAMPLED: 12:10 PM
DATE RECEIVED: 1/26/2022
TIME RECEIVED: 4:05 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		1/27/2022	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: 012622-6
GTA SAMPLE NO: 4
DATE SAMPLED: 1/26/2022
TIME SAMPLED: 11:50 AM
DATE RECEIVED: 1/26/2022
TIME RECEIVED: 4:05 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		1/27/2022	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-135D3

GTA PROJECT NO: 012622-6
GTA SAMPLE NO: 5
DATE SAMPLED: 1/26/2022
TIME SAMPLED: 12:20 PM
DATE RECEIVED: 1/26/2022
TIME RECEIVED: 4:05 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		1/27/2022	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: 012622-6
GTA SAMPLE NO: 6
DATE SAMPLED: 1/26/2022
TIME SAMPLED: 12:30 PM
DATE RECEIVED: 1/26/2022
TIME RECEIVED: 4:05 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		1/27/2022	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
SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 012622-6
GTA SAMPLE NO: 1
DATE SAMPLED: 1/26/2022
TIME SAMPLED: 11:30 AM
DATE RECEIVED: 1/26/2022
TIME RECEIVED: 4:05 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		16	10	mg/L (PPM)	TR	1/28/2022	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: 012622-6
GTA SAMPLE NO: 2
DATE SAMPLED: 1/26/2022
TIME SAMPLED: 11:40 AM
DATE RECEIVED: 1/26/2022
TIME RECEIVED: 4:05 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-202 CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	TR	1/28/2022	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: 012622-6
GTA SAMPLE NO: 3
DATE SAMPLED: 1/26/2022
TIME SAMPLED: 12:10 PM
DATE RECEIVED: 1/26/2022
TIME RECEIVED: 4:05 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	1/28/2022	WATER

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COMPANY: LAMBDA ENERGY RESOURCES, LLC GTA PROJECT NO: 012622-6
PROJECT NO: 2018100106.01 GTA SAMPLE NO: 4
LOCATION: HAYES 22 CPF DATE SAMPLED: 1/26/2022
TIME SAMPLED: 11:50 AM
DATE RECEIVED: 1/26/2022
TIME RECEIVED: 4:05 PM
MI
SAMPLED BY: JOSHUA GERRIE/GCES

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	1/28/2022	WATER

ND = NOT DETECTED, RESULT < LOD
LOD = LIMIT OF DETECTION
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
MI
SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 012622-6
GTA SAMPLE NO: 5
DATE SAMPLED: 1/26/2022
TIME SAMPLED: 12:20 PM
DATE RECEIVED: 1/26/2022
TIME RECEIVED: 4:05 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	13	10	mg/L (PPM)	TR	1/28/2022	WATER

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

GTA PROJECT NO: 012622-6

GTA SAMPLE NO: 6

PROJECT NO: 2018100106.01

LOCATION: HAYES 22 CPF

DATE SAMPLED: 1/26/2022

TIME SAMPLED: 12:30 PM

DATE RECEIVED: 1/26/2022

TIME RECEIVED: 4:05 PM

MI

SAMPLED BY: JOSHUA GERRIE/GCES

SAMPLE ANALYSIS**No: Analysis**

SAMPLE ID: MW-136D3

CHLORIDE EPA 300.0

Concentration

31

LOD

10

Units

mg/L (PPM)

Analyst

TR

Date Completed

1/28/2022

Sample

WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

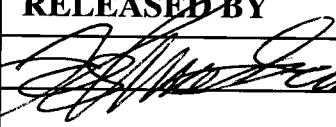
s.u. = STANDARD pH UNITS REPORTED AT 25 C

CHAIN OF CUSTODY

PROJECT NUMBER 2018100106.01	SITE NAME/ADDRESS Hayes 22 CPF	COMPANY/NAME Lambda Energy Resources
SAMPLED BY Joshua Gerrie	COMPANY Gosling Czubak	GTA PROJECT # 012622-6

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	RW-201	1-26-22	1130	GW	BTEX & Chloride
2	RW-202		1140		
3	MW-133d3		1210		
4	MW-134d3		1150		
5	MW-135d3		1220		
6	MW-136d3	✓	1230	✓	✓

BILL TO: Lambda Energy Resources	TempRec: ☐ 1.0°C	On Ice? ☒ ☐	REPORT TO: Adam Biterman
RELEASED BY 	DATE/TIME 1-26-22/1605	RECEIVED BY AVY	DATE/TIME 1/26/22 1605
REQUESTED TAT ☒ STANDARD ☐ 1 BUSINESS DAY ☐ 2 BUSINESS DAYS ☐ 3 BUSINESS DAYS			