

**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: 2018100120.01

GTA ProjNo: 031522-6

Site Addr: MAPLE GROVE 16

Sampled By: RAY FARVE/GCES

Date Rec: 3/15/2022

Time Rec: 2:07 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-10	3/15/2022	11:05 AM	WATER
2	MW-17	3/15/2022	11:15 AM	WATER
3	MW-29	3/15/2022	11:30 AM	WATER
4	TW-2020-1	3/15/2022	11:50 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
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830 Robinwood Court
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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100120.01
LOCATION: MAPLE GROVE 16
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-10

GTA PROJECT NO: 031522-6
GTA SAMPLE NO: 1
DATE SAMPLED: 3/15/2022
TIME SAMPLED: 11:05 AM
DATE RECEIVED: 3/15/2022
TIME RECEIVED: 2:07 PM
SAMPLED BY: RAY FARVE/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		3/19/2022	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	33	1.0					
1,3,5-Trimethylbenzene	43	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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: 2018100120.01

LOCATION: MAPLE GROVE 16

MI

SAMPLE MATRIX: WATER

SAMPLE ID: MW-17

GTA PROJECT NO: 031522-6

GTA SAMPLE NO: 2

DATE SAMPLED: 3/15/2022

TIME SAMPLED: 11:15 AM

DATE RECEIVED: 3/15/2022

TIME RECEIVED: 2:07 PM

SAMPLED BY: RAY FARVE/GCES

EPA 8260B VOLATILE ORGANICS

<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>
Benzene	ND	1.0	ug/L (PPB)	MR		3/19/2022	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	8.7	1.0					
1,3,5-Trimethylbenzene	5.6	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100120.01
LOCATION: MAPLE GROVE 16
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-29

GTA PROJECT NO: 031522-6
GTA SAMPLE NO: 3
DATE SAMPLED: 3/15/2022
TIME SAMPLED: 11:30 AM
DATE RECEIVED: 3/15/2022
TIME RECEIVED: 2:07 PM
SAMPLED BY: RAY FARVE/GCES

EPA 8260B VOLATILE ORGANICS

<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>
Benzene	ND	1.0	ug/L (PPB)	MR		3/19/2022	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	110	3.0					
1,2,4-Trimethylbenzene	43	1.0					
1,3,5-Trimethylbenzene	58	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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COMPANY:	LAMBDA ENERGY RESOURCES, LLC	GTA PROJECT NO:	031522-6
PROJECT NO:	2018100120.01	GTA SAMPLE NO:	4
LOCATION:	MAPLE GROVE 16	DATE SAMPLED:	3/15/2022
		TIME SAMPLED:	11:50 AM
		DATE RECEIVED:	3/15/2022
	MI	TIME RECEIVED:	2:07 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	TW-2020-1	SAMPLED BY:	RAY FARVE/GCES

EPA 8260B VOLATILE ORGANICS

<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>
Benzene	ND	1.0	ug/L (PPB)	MR		3/19/2022	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	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: 2018100120.01
LOCATION: MAPLE GROVE 16
MI
SAMPLED BY: RAY FARVE/GCES

GTA PROJECT NO: 031522-6
GTA SAMPLE NO: 1
DATE SAMPLED: 3/15/2022
TIME SAMPLED: 11:05 AM
DATE RECEIVED: 3/15/2022
TIME RECEIVED: 2:07 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-10 CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	TR	3/22/2022	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: 2018100120.01

LOCATION: MAPLE GROVE 16

GTA PROJECT NO: 031522-6

GTA SAMPLE NO: 2

DATE SAMPLED: 3/15/2022

TIME SAMPLED: 11:15 AM

DATE RECEIVED: 3/15/2022

TIME RECEIVED: 2:07 PM

SAMPLED BY: MI
RAY FARVE/GCES**SAMPLE ANALYSIS****No: Analysis**

SAMPLE ID: MW-17

CHLORIDE EPA 300.0

Concentration

ND

LOD

10

Units

mg/L (PPM)

Analyst

TR

Date Completed

3/22/2022

Sample

WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

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PROJECT NO: 2018100120.01
LOCATION: MAPLE GROVE 16
MI
SAMPLED BY: RAY FARVE/GCES

GTA PROJECT NO: 031522-6
GTA SAMPLE NO: 3
DATE SAMPLED: 3/15/2022
TIME SAMPLED: 11:30 AM
DATE RECEIVED: 3/15/2022
TIME RECEIVED: 2:07 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-29							
CHLORIDE EPA 300.0		ND	10	mg/L (PPM)	TR	3/22/2022	WATER

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100120.01
LOCATION: MAPLE GROVE 16
MI
SAMPLED BY: RAY FARVE/GCES

GTA PROJECT NO: 031522-6
GTA SAMPLE NO: 4
DATE SAMPLED: 3/15/2022
TIME SAMPLED: 11:50 AM
DATE RECEIVED: 3/15/2022
TIME RECEIVED: 2:07 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: TW-2020-1 CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	TR	3/22/2022	WATER

ND = NOT DETECTED, RESULT < LOD
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