

**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: 101422-8

Site Addr: MAPLE GROVE 16

Sampled By: MAX KORNDORFER/GCES

Date Rec: 10/14/2022

Time Rec: 1:17 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-29	10/14/2022	11:15 AM	WATER
2	MW-10	10/14/2022	11:35 AM	WATER
3	MW-17	10/14/2022	11:45 AM	WATER
4	MW-33	10/14/2022	12:10 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
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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: 101422-8

GTA SAMPLE NO: 1

DATE SAMPLED: 10/14/2022

TIME SAMPLED: 11:15 AM

DATE RECEIVED: 10/14/2022

TIME RECEIVED: 1:17 PM

SAMPLED BY: MAX KORNDORFER/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		10/15/2022	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	1.5	1.0					
Xylene(Total)	590	3.0					
1,2,4-Trimethylbenzene	80	1.0					
1,3,5-Trimethylbenzene	88	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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PROJECT NO: 2018100120.01

LOCATION: MAPLE GROVE 16

MI

SAMPLE MATRIX: WATER

SAMPLE ID: MW-10

GTA PROJECT NO: 101422-8

GTA SAMPLE NO: 2

DATE SAMPLED: 10/14/2022

TIME SAMPLED: 11:35 AM

DATE RECEIVED: 10/14/2022

TIME RECEIVED: 1:17 PM

SAMPLED BY: MAX KORNDORFER/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		10/15/2022	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	7.8	3.0					
1,2,4-Trimethylbenzene	66	1.0					
1,3,5-Trimethylbenzene	77	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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PROJECT NO: 2018100120.01

LOCATION: MAPLE GROVE 16

MI

SAMPLE MATRIX: WATER

SAMPLE ID: MW-17

GTA PROJECT NO: 101422-8

GTA SAMPLE NO: 3

DATE SAMPLED: 10/14/2022

TIME SAMPLED: 11:45 AM

DATE RECEIVED: 10/14/2022

TIME RECEIVED: 1:17 PM

SAMPLED BY: MAX KORNDORFER/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		10/15/2022	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	9.6	1.0					
1,3,5-Trimethylbenzene	6.3	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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COMPANY: LAMBDA ENERGY RESOURCES, LLC

GTA PROJECT NO: 101422-8

PROJECT NO: 2018100120.01

GTA SAMPLE NO: 4

LOCATION: MAPLE GROVE 16

DATE SAMPLED: 10/14/2022

TIME SAMPLED: 12:10 PM

MI

DATE RECEIVED: 10/14/2022

TIME RECEIVED: 1:17 PM

SAMPLE MATRIX: WATER

SAMPLE ID: MW-33

SAMPLED BY: MAX KORNDORFER/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		10/15/2022	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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PROJECT NO: 2018100120.01

LOCATION: MAPLE GROVE 16

GTA PROJECT NO: 101422-8

GTA SAMPLE NO: 4

DATE SAMPLED: 10/14/2022

TIME SAMPLED: 12:10 PM

DATE RECEIVED: 10/14/2022

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MI

SAMPLED BY: MAX KORNDORFER/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 Matrix</u>
	SAMPLE ID: MW-33						
	CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	KC/TR	10/17/2022	WATER
	CONDUCTIVITY SM2510-B	110	1.0	uS/cm@25C	TR	10/17/2022	WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

DISS = DISSOLVED

