



**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

[www.gtanalytical.com](http://www.gtanalytical.com)

Company: LAMBDA ENERGY RESOURCES, LLC  
Name:  
ClientProj: 2018100109  
GTA ProjNo: 101023-2

Site Addr: SPRINGDALE 25

Sampled By: BRENDAN RUPPEN/GCES  
Date Rec: 10/10/2023  
Time Rec: 9:44 AM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-14R (15')	10/9/2023	3:50 PM	WATER
2	MW-17	10/9/2023	4:13 PM	WATER
3	MW-11	10/9/2023	4:23 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: 2018100109  
LOCATION: SPRINGDALE 25  
MI  
SAMPLE MATRIX: WATER  
SAMPLE ID: MW-14R (15')

GTA PROJECT NO: 101023-2  
GTA SAMPLE NO: 1  
DATE SAMPLED: 10/9/2023  
TIME SAMPLED: 3:50 PM  
DATE RECEIVED: 10/10/2023  
TIME RECEIVED: 9:44 AM  
SAMPLED BY: BRENDAN RUPPEN/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>Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		10/10/2023	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	GTA PROJECT NO:	101023-2
PROJECT NO:	2018100109	GTA SAMPLE NO:	2
LOCATION:	SPRINGDALE 25	DATE SAMPLED:	10/9/2023
		TIME SAMPLED:	4:13 PM
		DATE RECEIVED:	10/10/2023
	MI	TIME RECEIVED:	9:44 AM
SAMPLE MATRIX:	WATER	SAMPLED BY:	BRENDAN RUPPEN/GCES
SAMPLE ID:	MW-17		

**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 Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		10/10/2023	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	180	1.0					
Xylene(Total)	190	3.0					
1,2,4-Trimethylbenzene	45	1.0					
1,3,5-Trimethylbenzene	14	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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COMPANY: LAMBDA ENERGY RESOURCES, LLC

PROJECT NO: 2018100109

LOCATION: SPRINGDALE 25

MI

SAMPLE MATRIX: WATER

SAMPLE ID: MW-11

GTA PROJECT NO: 101023-2

GTA SAMPLE NO: 3

DATE SAMPLED: 10/9/2023

TIME SAMPLED: 4:23 PM

DATE RECEIVED: 10/10/2023

TIME RECEIVED: 9:44 AM

SAMPLED BY: BRENDAN RUPPEN/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>Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		10/10/2023	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	6.9	1.0					
Xylene(Total)	58	3.0					
1,2,4-Trimethylbenzene	23	1.0					
1,3,5-Trimethylbenzene	4.1	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  
LOCATION: SPRINGDALE 25

GTA PROJECT NO: 101023-2  
GTA SAMPLE NO: 1  
DATE SAMPLED: 10/9/2023  
TIME SAMPLED: 3:50 PM  
DATE RECEIVED: 10/10/2023  
TIME RECEIVED: 9:44 AM

MI  
SAMPLED BY: BRENDAN RUPPEN/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-14R (15') CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	KC/TR	10/18/2023	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: 2018100109  
 LOCATION: SPRINGDALE 25

GTA PROJECT NO: 101023-2  
 GTA SAMPLE NO: 2  
 DATE SAMPLED: 10/9/2023  
 TIME SAMPLED: 4:13 PM  
 DATE RECEIVED: 10/10/2023  
 TIME RECEIVED: 9:44 AM

MI  
 SAMPLED BY: BRENDAN RUPPEN/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-17	CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	KC/TR	10/18/2023	WATER

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COMPANY: LAMBDA ENERGY RESOURCES, LLC  
 PROJECT NO: 2018100109  
 LOCATION: SPRINGDALE 25

GTA PROJECT NO: 101023-2  
 GTA SAMPLE NO: 3  
 DATE SAMPLED: 10/9/2023  
 TIME SAMPLED: 4:23 PM  
 DATE RECEIVED: 10/10/2023  
 TIME RECEIVED: 9:44 AM

MI  
 SAMPLED BY: BRENDAN RUPPEN/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-11	CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	KC/TR	10/18/2023	WATER

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

