



**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: 2018100109.01  
GTA ProjNo: 061621-10

Site Addr: ST. SPRINGDALE 25 CPF

Sampled By: MARK STOVER/GCES  
Date Rec: 6/16/2021  
Time Rec: 3:24 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-14R (15')	6/16/2021		WATER
2	MW-17	6/16/2021		WATER
3	MW-11	6/16/2021		WATER
4	MW-10	6/16/2021		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: 2018100109.01  
LOCATION: ST. SPRINGDALE 25 CPF  
MI  
SAMPLE MATRIX: WATER  
SAMPLE ID: MW-14R (15')

GTA PROJECT NO: 061621-10  
GTA SAMPLE NO: 1  
DATE SAMPLED: 6/16/2021  
TIME SAMPLED:  
DATE RECEIVED: 6/16/2021  
TIME RECEIVED: 3:24 PM  
SAMPLED BY: MARK STOVER/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		6/20/2021	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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PROJECT NO: 2018100109.01  
LOCATION: ST. SPRINGDALE 25 CPF  
MI  
SAMPLE MATRIX: WATER  
SAMPLE ID: MW-17

GTA PROJECT NO: 061621-10  
GTA SAMPLE NO: 2  
DATE SAMPLED: 6/16/2021  
TIME SAMPLED:  
DATE RECEIVED: 6/16/2021  
TIME RECEIVED: 3:24 PM  
SAMPLED BY: MARK STOVER/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		6/20/2021	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	5.8	1.0					
Xylene(Total)	7.1	3.0					
1,2,4-Trimethylbenzene	5.3	1.0					
1,3,5-Trimethylbenzene	3.5	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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COMPANY: LAMBDA ENERGY RESOURCES, LLC  
PROJECT NO: 2018100109.01  
LOCATION: ST. SPRINGDALE 25 CPF  
MI  
SAMPLE MATRIX: WATER  
SAMPLE ID: MW-11

GTA PROJECT NO: 061621-10  
GTA SAMPLE NO: 3  
DATE SAMPLED: 6/16/2021  
TIME SAMPLED:  
DATE RECEIVED: 6/16/2021  
TIME RECEIVED: 3:24 PM

SAMPLED BY: MARK STOVER/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		6/20/2021	EPA 5030B
Toluene	4.5	1.0					
Ethylbenzene	19	1.0					
Xylene(Total)	100	3.0					
1,2,4-Trimethylbenzene	48	1.0					
1,3,5-Trimethylbenzene	12	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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COMPANY: LAMBDA ENERGY RESOURCES, LLC  
PROJECT NO: 2018100109.01  
LOCATION: ST. SPRINGDALE 25 CPF  
MI  
SAMPLE MATRIX: WATER  
SAMPLE ID: MW-10

GTA PROJECT NO: 061621-10  
GTA SAMPLE NO: 4  
DATE SAMPLED: 6/16/2021  
TIME SAMPLED:  
DATE RECEIVED: 6/16/2021  
TIME RECEIVED: 3:24 PM

SAMPLED BY: MARK STOVER/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		6/20/2021	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.  
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COMPANY: LAMBDA ENERGY RESOURCES, LLC

PROJECT NO: 2018100109.01

LOCATION: ST. SPRINGDALE 25 CPF

GTA PROJECT NO: 061621-10

GTA SAMPLE NO: 2

DATE SAMPLED: 6/16/2021

TIME SAMPLED:

DATE RECEIVED: 6/16/2021

TIME RECEIVED: 3:24 PM

MI

SAMPLED BY: MARK STOVER/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-17	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



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COMPANY: LAMBDA ENERGY RESOURCES, LLC  
PROJECT NO: 2018100109.01  
LOCATION: ST. SPRINGDALE 25 CPF  
MI  
SAMPLED BY: MARK STOVER/GCES

GTA PROJECT NO: 061621-10  
GTA SAMPLE NO: 3  
DATE SAMPLED: 6/16/2021  
TIME SAMPLED:  
DATE RECEIVED: 6/16/2021  
TIME RECEIVED: 3:24 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-11	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: 2018100109.01  
 LOCATION: ST. SPRINGDALE 25 CPF  
 MI  
 SAMPLED BY: MARK STOVER/GCES

GTA PROJECT NO: 061621-10  
 GTA SAMPLE NO: 4  
 DATE SAMPLED: 6/16/2021  
 TIME SAMPLED:  
 DATE RECEIVED: 6/16/2021  
 TIME RECEIVED: 3:24 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 Matrix</u>
	SAMPLE ID: MW-10						
	CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	TR	6/21/2021	WATER
	CONDUCTIVITY SM2510-B	150	1.0	uS/cm@25C	TR	6/21/2021	WATER

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

**CHAIN OF CUSTODY**

PROJECT NUMBER <i>2018/00109.01</i>	SITE NAME/ADDRESS <i>57. SPRINGDALE 25 CPF</i>	COMPANY/NAME <i>LAMBDA ENERGY</i>
SAMPLED BY <i>MARK STOVER</i>	COMPANY <i>G.C.E.S.</i>	GTA PROJECT # <i>061621-10</i>

**SAMPLE INFORMATION**

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
<i>1</i>	<i>MW-14R(15')</i>	<i>6-16-21</i>		<i>GW</i>	<i>BTEX, CHLORIDE</i>
<i>2</i>	<i>MW-17</i>	<i>↓</i>		<i>↓</i>	<i>BTEX+4, CHLORIDE</i>
<i>3</i>	<i>MW-11</i>	<i>↓</i>		<i>↓</i>	<i>↓ ↓</i>
<i>4</i>	<i>MW-10</i>	<i>6-16-21</i>		<i>GW</i>	<i>BTEX, CHLORIDE, COND. SPEC.</i>

<b>BILL TO:</b> <i>LAMBDA ENERGY</i>	<b>REPORT TO:</b> <i>ERIC VINCKE</i>
-----------------------------------------	-----------------------------------------

<b>RELEASED BY</b> <i>[Signature]</i>	<b>DATE/TIME</b> <i>6-16-21</i>	<b>RECEIVED BY</b> <i>[Signature]</i>	<b>DATE/TIME</b> <i>6/16/21 3:24 P</i>
		<i>REC'D OFFICE</i>	

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