



**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: 2018100115.01  
GTA ProjNo: 110220-2

Site Addr: RUDY CPF

Sampled By: JOSHUA GERRIE/GCES  
Date Rec: 11/2/2020  
Time Rec: 3:20 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-2	11/2/2020	12:00 PM	WATER
2	MW-3	11/2/2020	11:40 AM	WATER
3	MW-8	11/2/2020	1:25 PM	WATER
4	MW-9	11/2/2020	1:51 PM	WATER
5	MW-10	11/2/2020	12:35 PM	WATER
6	MW-11	11/2/2020	1:03 PM	WATER
7	MW-18	11/2/2020	10:30 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  
Grand Traverse Analytical  
830 Robinwood Court  
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COMPANY: LAMBDA ENERGY RESOURCES, LLC  
PROJECT NO: 2018100115.01  
LOCATION: RUDY CPF  
MI  
SAMPLE MATRIX: WATER  
SAMPLE ID: MW-2

GTA PROJECT NO: 110220-2  
GTA SAMPLE NO: 1  
DATE SAMPLED: 11/2/2020  
TIME SAMPLED: 12:00 PM  
DATE RECEIVED: 11/2/2020  
TIME RECEIVED: 3:20 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</u> <u>Extracted</u>	<u>Date</u> <u>Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		11/3/2020	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.  
ND = NOT DETECTED, RESULT < LOD  
LOD = LIMIT OF DETECTION

COMPANY: LAMBDA ENERGY RESOURCES, LLC  
PROJECT NO: 2018100115.01  
LOCATION: RUDY CPF  
MI  
SAMPLE MATRIX: WATER  
SAMPLE ID: MW-3

GTA PROJECT NO: 110220-2  
GTA SAMPLE NO: 2  
DATE SAMPLED: 11/2/2020  
TIME SAMPLED: 11:40 AM  
DATE RECEIVED: 11/2/2020  
TIME RECEIVED: 3:20 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		11/3/2020	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					

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LOD = LIMIT OF DETECTION

COMPANY: LAMBDA ENERGY RESOURCES, LLC  
PROJECT NO: 2018100115.01  
LOCATION: RUDY CPF  
MI  
SAMPLE MATRIX: WATER  
SAMPLE ID: MW-8

GTA PROJECT NO: 110220-2  
GTA SAMPLE NO: 3  
DATE SAMPLED: 11/2/2020  
TIME SAMPLED: 1:25 PM  
DATE RECEIVED: 11/2/2020  
TIME RECEIVED: 3:20 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</u> <u>Extracted</u>	<u>Date</u> <u>Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		11/3/2020	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	11	3.0					
1,2,4-Trimethylbenzene	13	1.0					
1,3,5-Trimethylbenzene	2.4	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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COMPANY: LAMBDA ENERGY RESOURCES, LLC  
 PROJECT NO: 2018100115.01  
 LOCATION: RUDY CPF  
 MI  
 SAMPLE MATRIX: WATER  
 SAMPLE ID: MW-9

GTA PROJECT NO: 110220-2  
 GTA SAMPLE NO: 4  
 DATE SAMPLED: 11/2/2020  
 TIME SAMPLED: 1:51 PM  
 DATE RECEIVED: 11/2/2020  
 TIME RECEIVED: 3:20 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		11/3/2020	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					

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 LOD = LIMIT OF DETECTION

COMPANY: LAMBDA ENERGY RESOURCES, LLC  
PROJECT NO: 2018100115.01  
LOCATION: RUDY CPF  
MI  
SAMPLE MATRIX: WATER  
SAMPLE ID: MW-10

GTA PROJECT NO: 110220-2  
GTA SAMPLE NO: 5  
DATE SAMPLED: 11/2/2020  
TIME SAMPLED: 12:35 PM  
DATE RECEIVED: 11/2/2020  
TIME RECEIVED: 3:20 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</u> <u>Extracted</u>	<u>Date</u> <u>Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		11/3/2020	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.  
ND = NOT DETECTED, RESULT < LOD  
LOD = LIMIT OF DETECTION



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COMPANY: LAMBDA ENERGY RESOURCES, LLC  
 PROJECT NO: 2018100115.01  
 LOCATION: RUDY CPF  
 MI  
 SAMPLE MATRIX: WATER  
 SAMPLE ID: MW-11

GTA PROJECT NO: 110220-2  
 GTA SAMPLE NO: 6  
 DATE SAMPLED: 11/2/2020  
 TIME SAMPLED: 1:03 PM  
 DATE RECEIVED: 11/2/2020  
 TIME RECEIVED: 3:20 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		11/3/2020	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	3.1	3.0					
1,2,4-Trimethylbenzene	2.1	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.  
 ND = NOT DETECTED, RESULT < LOD  
 LOD = LIMIT OF DETECTION



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COMPANY: LAMBDA ENERGY RESOURCES, LLC  
 PROJECT NO: 2018100115.01  
 LOCATION: RUDY CPF  
 MI  
 SAMPLE MATRIX: WATER  
 SAMPLE ID: MW-18

GTA PROJECT NO: 110220-2  
 GTA SAMPLE NO: 7  
 DATE SAMPLED: 11/2/2020  
 TIME SAMPLED: 10:30 AM  
 DATE RECEIVED: 11/2/2020  
 TIME RECEIVED: 3:20 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		11/3/2020	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.  
 ND = NOT DETECTED, RESULT < LOD  
 LOD = LIMIT OF DETECTION

**CHAIN OF CUSTODY**

PROJECT NUMBER <b>2018100115.01</b>	SITE NAME/ADDRESS <b>Rudy CPF</b>	COMPANY/NAME <b>Lambda Energy Resources</b>
SAMPLED BY <b>Jashva Gerrie</b>	COMPANY <b>Gosling Czubak</b>	GTA PROJECT # <b>110220-2</b>

**SAMPLE INFORMATION**

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	MW-2	11-2-20	1200	GW	BTEX+4
2	MW-3	↓	1140	↓	↓
3	MW-8		1325		
4	MW-9		1351		
5	MW-10		1235		
6	MW-11		1303		
7	MW-18		1030		

**BILL TO:**

**REPORT TO:**

**Lambda Energy Resources**

**Adam Biteman**

**RELEASED BY**

**DATE/TIME**

**RECEIVED BY**

**DATE/TIME**

*[Signature]* 11-2-20/1520

*[Signature]* 11/2/20/1520  
MCC 4.0°C

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