



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: 2018100115.01
GTA ProjNo: 021424-6

Site Addr: RUDY 1-24
Sampled By: TREVOR A/GCES
Date Rec: 2/14/2024
Time Rec: 4:35 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-1	2/13/2024	1:20 PM	WATER
2	MW-2	2/13/2024	12:28 PM	WATER
3	MW-3	2/13/2024	1:52 PM	WATER
4	MW-9	2/13/2024	3:35 PM	WATER
5	MW-13	2/13/2024	3:08 PM	WATER
6	MW-14	2/13/2024	2:18 PM	WATER
7	MW-15	2/13/2024	4:50 PM	WATER
8	MW-16	2/13/2024	4:02 PM	WATER
9	EQUIP BLANK	2/13/2024	11:50 AM	WATER
10	FIELD BLANK	2/13/2024	11:45 AM	WATER
11	MW-4R	2/14/2024	2:14 PM	WATER
12	MW-5	2/14/2024	10:04 AM	WATER
13	MW-5D	2/14/2024	10:32 AM	WATER
14	MW-6	2/14/2024	12:22 PM	WATER
15	MW-7	2/14/2024	9:25 AM	WATER
16	MW-8	2/14/2024	1:38 PM	WATER
17	MW-10	2/14/2024	11:16 AM	WATER
18	MW-11	2/14/2024	1:10 PM	WATER
19	MW-12	2/14/2024	11:52 AM	WATER
20	MW-17	2/14/2024	3:28 PM	WATER
21	MW-18	2/14/2024	2:54 PM	WATER
22	FIELD BLANK	2/14/2024	9:15 AM	WATER
23	EQUIP BLANK	2/14/2024	9:10 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
Traverse City, MI 49686
Ph: 231-929-0905
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COMPANY: LAMBDA ENERGY RESOURCES, LLC

PROJECT NO: 2018100115.01

LOCATION: RUDY 1-24

MI

SAMPLE MATRIX: WATER

SAMPLE ID: MW-2

GTA PROJECT NO: 021424-6

GTA SAMPLE NO: 2

DATE SAMPLED: 2/13/2024

TIME SAMPLED: 12:28 PM

DATE RECEIVED: 2/14/2024

TIME RECEIVED: 4:35 PM

SAMPLED BY: TREVOR A/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 Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		2/16/2024	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 1-24

MI

SAMPLE MATRIX: WATER

SAMPLE ID: MW-3

GTA PROJECT NO: 021424-6

GTA SAMPLE NO: 3

DATE SAMPLED: 2/13/2024

TIME SAMPLED: 1:52 PM

DATE RECEIVED: 2/14/2024

TIME RECEIVED: 4:35 PM

SAMPLED BY: TREVOR A/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 Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		2/16/2024	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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COMPANY:	LAMBDA ENERGY RESOURCES, LLC	GTA PROJECT NO:	021424-6
PROJECT NO:	2018100115.01	GTA SAMPLE NO:	4
LOCATION:	RUDY 1-24	DATE SAMPLED:	2/13/2024
		TIME SAMPLED:	3:35 PM
		DATE RECEIVED:	2/14/2024
	MI	TIME RECEIVED:	4:35 PM
SAMPLE MATRIX:	WATER	SAMPLED BY:	TREVOR A/GCES
SAMPLE ID:	MW-9		

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		2/16/2024	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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COMPANY: LAMBDA ENERGY RESOURCES, LLC
 PROJECT NO: 2018100115.01
 LOCATION: RUDY 1-24
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-13

GTA PROJECT NO: 021424-6
 GTA SAMPLE NO: 5
 DATE SAMPLED: 2/13/2024
 TIME SAMPLED: 3:08 PM
 DATE RECEIVED: 2/14/2024
 TIME RECEIVED: 4:35 PM

SAMPLED BY: TREVOR A/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 Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		2/16/2024	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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COMPANY: LAMBDA ENERGY RESOURCES, LLC
 PROJECT NO: 2018100115.01
 LOCATION: RUDY 1-24
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-14

GTA PROJECT NO: 021424-6
 GTA SAMPLE NO: 6
 DATE SAMPLED: 2/13/2024
 TIME SAMPLED: 2:18 PM
 DATE RECEIVED: 2/14/2024
 TIME RECEIVED: 4:35 PM

SAMPLED BY: TREVOR A/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 Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		2/16/2024	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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COMPANY: LAMBDA ENERGY RESOURCES, LLC
 PROJECT NO: 2018100115.01
 LOCATION: RUDY 1-24
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-15

GTA PROJECT NO: 021424-6
 GTA SAMPLE NO: 7
 DATE SAMPLED: 2/13/2024
 TIME SAMPLED: 4:50 PM
 DATE RECEIVED: 2/14/2024
 TIME RECEIVED: 4:35 PM

SAMPLED BY: TREVOR A/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 Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		2/16/2024	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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COMPANY: LAMBDA ENERGY RESOURCES, LLC
 PROJECT NO: 2018100115.01
 LOCATION: RUDY 1-24
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-16

GTA PROJECT NO: 021424-6
 GTA SAMPLE NO: 8
 DATE SAMPLED: 2/13/2024
 TIME SAMPLED: 4:02 PM
 DATE RECEIVED: 2/14/2024
 TIME RECEIVED: 4:35 PM

SAMPLED BY: TREVOR A/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 Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		2/16/2024	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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COMPANY: LAMBDA ENERGY RESOURCES, LLC
 PROJECT NO: 2018100115.01
 LOCATION: RUDY 1-24
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: EQUIP BLANK

GTA PROJECT NO: 021424-6
 GTA SAMPLE NO: 9
 DATE SAMPLED: 2/13/2024
 TIME SAMPLED: 11:50 AM
 DATE RECEIVED: 2/14/2024
 TIME RECEIVED: 4:35 PM

SAMPLED BY: TREVOR A/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 Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		2/16/2024	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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COMPANY: LAMBDA ENERGY RESOURCES, LLC
 PROJECT NO: 2018100115.01
 LOCATION: RUDY 1-24
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-4R

GTA PROJECT NO: 021424-6
 GTA SAMPLE NO: 11
 DATE SAMPLED: 2/14/2024
 TIME SAMPLED: 2:14 PM
 DATE RECEIVED: 2/14/2024
 TIME RECEIVED: 4:35 PM

SAMPLED BY: TREVOR A/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 Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		2/16/2024	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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COMPANY: LAMBDA ENERGY RESOURCES, LLC
 PROJECT NO: 2018100115.01
 LOCATION: RUDY 1-24
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-5

GTA PROJECT NO: 021424-6
 GTA SAMPLE NO: 12
 DATE SAMPLED: 2/14/2024
 TIME SAMPLED: 10:04 AM
 DATE RECEIVED: 2/14/2024
 TIME RECEIVED: 4:35 PM

SAMPLED BY: TREVOR A/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 Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		2/16/2024	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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COMPANY: LAMBDA ENERGY RESOURCES, LLC
 PROJECT NO: 2018100115.01
 LOCATION: RUDY 1-24
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-5D

GTA PROJECT NO: 021424-6
 GTA SAMPLE NO: 13
 DATE SAMPLED: 2/14/2024
 TIME SAMPLED: 10:32 AM
 DATE RECEIVED: 2/14/2024
 TIME RECEIVED: 4:35 PM

SAMPLED BY: TREVOR A/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 Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		2/16/2024	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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COMPANY: LAMBDA ENERGY RESOURCES, LLC
 PROJECT NO: 2018100115.01
 LOCATION: RUDY 1-24
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-6

GTA PROJECT NO: 021424-6
 GTA SAMPLE NO: 14
 DATE SAMPLED: 2/14/2024
 TIME SAMPLED: 12:22 PM
 DATE RECEIVED: 2/14/2024
 TIME RECEIVED: 4:35 PM

SAMPLED BY: TREVOR A/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 Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		2/16/2024	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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COMPANY: LAMBDA ENERGY RESOURCES, LLC
 PROJECT NO: 2018100115.01
 LOCATION: RUDY 1-24
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-7

GTA PROJECT NO: 021424-6
 GTA SAMPLE NO: 15
 DATE SAMPLED: 2/14/2024
 TIME SAMPLED: 9:25 AM
 DATE RECEIVED: 2/14/2024
 TIME RECEIVED: 4:35 PM

SAMPLED BY: TREVOR A/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		2/16/2024	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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COMPANY: LAMBDA ENERGY RESOURCES, LLC
 PROJECT NO: 2018100115.01
 LOCATION: RUDY 1-24
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-8

GTA PROJECT NO: 021424-6
 GTA SAMPLE NO: 16
 DATE SAMPLED: 2/14/2024
 TIME SAMPLED: 1:38 PM
 DATE RECEIVED: 2/14/2024
 TIME RECEIVED: 4:35 PM

SAMPLED BY: TREVOR A/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 Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		2/16/2024	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	4.7	1.0					
Xylene(Total)	7.2	3.0					
1,2,4-Trimethylbenzene	9.2	1.0					
1,3,5-Trimethylbenzene	1.6	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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PH: 231-929-0905

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
 PROJECT NO: 2018100115.01
 LOCATION: RUDY 1-24
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-10

GTA PROJECT NO: 021424-6
 GTA SAMPLE NO: 17
 DATE SAMPLED: 2/14/2024
 TIME SAMPLED: 11:16 AM
 DATE RECEIVED: 2/14/2024
 TIME RECEIVED: 4:35 PM

SAMPLED BY: TREVOR A/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 Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		2/16/2024	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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FAX: 231-929-0894

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
 PROJECT NO: 2018100115.01
 LOCATION: RUDY 1-24
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-11

GTA PROJECT NO: 021424-6
 GTA SAMPLE NO: 18
 DATE SAMPLED: 2/14/2024
 TIME SAMPLED: 1:10 PM
 DATE RECEIVED: 2/14/2024
 TIME RECEIVED: 4:35 PM

SAMPLED BY: TREVOR A/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 Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		2/16/2024	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



INDEPENDENT TESTING LAB

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
 PROJECT NO: 2018100115.01
 LOCATION: RUDY 1-24
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-12

GTA PROJECT NO: 021424-6
 GTA SAMPLE NO: 19
 DATE SAMPLED: 2/14/2024
 TIME SAMPLED: 11:52 AM
 DATE RECEIVED: 2/14/2024
 TIME RECEIVED: 4:35 PM

SAMPLED BY: TREVOR A/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 Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		2/16/2024	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	GTA PROJECT NO:	021424-6
PROJECT NO:	2018100115.01	GTA SAMPLE NO:	20
LOCATION:	RUDY 1-24	DATE SAMPLED:	2/14/2024
		TIME SAMPLED:	3:28 PM
		DATE RECEIVED:	2/14/2024
	MI	TIME RECEIVED:	4:35 PM
SAMPLE MATRIX:	WATER	SAMPLED BY:	TREVOR A/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		2/16/2024	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 1-24

MI

SAMPLE MATRIX: WATER

SAMPLE ID: MW-18

GTA PROJECT NO: 021424-6

GTA SAMPLE NO: 21

DATE SAMPLED: 2/14/2024

TIME SAMPLED: 2:54 PM

DATE RECEIVED: 2/14/2024

TIME RECEIVED: 4:35 PM

SAMPLED BY: TREVOR A/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 Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		2/16/2024	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



INDEPENDENT TESTING LAB

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PH: 231-929-0905

FAX: 231-929-0894

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COMPANY: LAMBDA ENERGY RESOURCES, LLC

PROJECT NO: 2018100115.01

LOCATION: RUDY 1-24

MI

SAMPLE MATRIX: WATER
 SAMPLE ID: FIELD BLANK

GTA PROJECT NO: 021424-6

GTA SAMPLE NO: 22

DATE SAMPLED: 2/14/2024

TIME SAMPLED: 9:15 AM

DATE RECEIVED: 2/14/2024

TIME RECEIVED: 4:35 PM

SAMPLED BY: TREVOR A/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 Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		2/16/2024	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



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
 PROJECT NO: 2018100115.01
 LOCATION: RUDY 1-24
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: EQUIP BLANK

GTA PROJECT NO: 021424-6
 GTA SAMPLE NO: 23
 DATE SAMPLED: 2/14/2024
 TIME SAMPLED: 9:10 AM
 DATE RECEIVED: 2/14/2024
 TIME RECEIVED: 4:35 PM

SAMPLED BY: TREVOR A/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 Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		2/16/2024	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

10/2

CHAIN OF CUSTODY

PROJECT NUMBER 2018100115.01	SITE NAME/ADDRESS Rudy 1-24	COMPANY/NAME Lambda Energy Resources, LLC
SAMPLED BY Trevor A.	COMPANY GCES	GTA PROJECT # 02424-6

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS	
1	MW-1	2-13-24	13:20	GW	BTEX +4	
2	MW-2	↓	12:28	↓	↓	
3	MW-3		13:52			
4	MW-9		15:35			
5	MW-13		15:08			
6	MW-14		14:18			
7	MW-15		16:50			
8	MW-16		16:02			
9	Equipment Blank		11:50			W
10	Field Blank		11:45			↓

BILL TO: LER	TempRec: <input type="checkbox"/> 1.6°C	On Ice? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	REPORT TO: J. Simsa
------------------------	--	--	-------------------------------

RELEASED BY Trevor Ackler J. Simsa	DATE/TIME 2-14-24 @ 16:35	RECEIVED BY <i>[Signature]</i>	DATE/TIME 2/14/24/1635
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REQUESTED TAT STANDARD 1 BUSINESS DAY 2 BUSINESS DAYS 3 BUSINESS DAYS

2012

CHAIN OF CUSTODY

PROJECT NUMBER 2018100115.01	SITE NAME/ADDRESS Rudy 1-24	COMPANY/NAME Lambda Energy Resources, LLC
SAMPLED BY Trevor A.	COMPANY GCEs	GTA PROJECT # 021424-6

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS	
11	MW-4R	2-14-24	14:14	GW	BTEX +4	
12	MW-5		10:04			
13	MW-5d		10:32			
14	MW-6		12:22			
15	MW-7		9:25			
16	MW-8		13:38			
17	MW-10		11:16			
18	MW-11		13:10			
19	MW-12		11:52			
20	MW-17		15:28			
21	MW-18		14:54			W
22	Field Blank		9:15			W
23	Equipment Blank		9:10			W

BILL TO: LER	TempRec: <input type="checkbox"/> On Ice? <input checked="" type="checkbox"/> <input type="checkbox"/> 1.6°C	REPORT TO: J. Simsa
------------------------	--	-------------------------------

RELEASED BY	DATE/TIME	RECEIVED BY	DATE/TIME
Trevor Ackler <i>Trevor</i>	2-14-24 @ 16:35	<i>[Signature]</i>	2/14/24 16:35

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