

**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: 20-123
GTA ProjNo: 070122-11

Site Addr: RICCI 1-19

Sampled By: WPM/OMPC
Date Rec: 7/1/2022
Time Rec: 3:45 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-2	6/30/2022	11:08 AM	WATER
2	MW-3	6/30/2022	11:33 AM	WATER
3	MW-4	6/30/2022	11:55 AM	WATER
4	MW-12	6/30/2022	10:45 AM	WATER
5	MW-16	6/30/2022	10:20 AM	WATER
6	MW-18	6/30/2022	1:50 PM	WATER
7	MW-21	6/30/2022	12:30 PM	WATER
8	MW-22	6/30/2022	1:15 PM	WATER
9	MW-24	6/30/2022	4:08 PM	WATER
10	MW-25	6/30/2022	3:43 PM	WATER
11	MW-26	6/30/2022	3:03 PM	WATER
12	MW-30	6/30/2022	2:28 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
Grand Traverse Analytical
830 Robinwood Court
Traverse City, MI 49686
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COMPANY:	LAMBDA ENERGY RESOURCES, LLC	GTA PROJECT NO:	070122-11
PROJECT NO:	20-123	GTA SAMPLE NO:	1
LOCATION:	RICCI 1-19	DATE SAMPLED:	6/30/2022
		TIME SAMPLED:	11:08 AM
		DATE RECEIVED:	7/1/2022
	MI	TIME RECEIVED:	3:45 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-2	SAMPLED BY:	WPM/OMPC

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		7/6/2022	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:	070122-11
PROJECT NO:	20-123	GTA SAMPLE NO:	2
LOCATION:	RICCI 1-19	DATE SAMPLED:	6/30/2022
		TIME SAMPLED:	11:33 AM
	MI	DATE RECEIVED:	7/1/2022
		TIME RECEIVED:	3:45 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-3	SAMPLED BY:	WPM/OMPC

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		7/6/2022	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 20-123
LOCATION: RICCI 1-19
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-4

GTA PROJECT NO: 070122-11
GTA SAMPLE NO: 3
DATE SAMPLED: 6/30/2022
TIME SAMPLED: 11:55 AM
DATE RECEIVED: 7/1/2022
TIME RECEIVED: 3:45 PM
SAMPLED BY: WPM/OMPC

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		7/6/2022	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					

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COMPANY:	LAMBDA ENERGY RESOURCES, LLC	GTA PROJECT NO:	070122-11
PROJECT NO:	20-123	GTA SAMPLE NO:	4
LOCATION:	RICCI 1-19	DATE SAMPLED:	6/30/2022
		TIME SAMPLED:	10:45 AM
		DATE RECEIVED:	7/1/2022
	MI	TIME RECEIVED:	3:45 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-12	SAMPLED BY:	WPM/OMPC

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		7/6/2022	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 20-123
LOCATION: RICCI 1-19
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-16

GTA PROJECT NO: 070122-11
GTA SAMPLE NO: 5
DATE SAMPLED: 6/30/2022
TIME SAMPLED: 10:20 AM
DATE RECEIVED: 7/1/2022
TIME RECEIVED: 3:45 PM
SAMPLED BY: WPM/OMPC

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		7/6/2022	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	GTA PROJECT NO:	070122-11
PROJECT NO:	20-123	GTA SAMPLE NO:	6
LOCATION:	RICCI 1-19	DATE SAMPLED:	6/30/2022
		TIME SAMPLED:	1:50 PM
	MI	DATE RECEIVED:	7/1/2022
		TIME RECEIVED:	3:45 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-18	SAMPLED BY:	WPM/OMPC

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		7/6/2022	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 20-123
LOCATION: RICCI 1-19
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-21

GTA PROJECT NO: 070122-11
GTA SAMPLE NO: 7
DATE SAMPLED: 6/30/2022
TIME SAMPLED: 12:30 PM
DATE RECEIVED: 7/1/2022
TIME RECEIVED: 3:45 PM
SAMPLED BY: WPM/OMPC

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		7/6/2022	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					

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COMPANY:	LAMBDA ENERGY RESOURCES, LLC	GTA PROJECT NO:	070122-11
PROJECT NO:	20-123	GTA SAMPLE NO:	8
LOCATION:	RICCI 1-19	DATE SAMPLED:	6/30/2022
		TIME SAMPLED:	1:15 PM
		DATE RECEIVED:	7/1/2022
	MI	TIME RECEIVED:	3:45 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-22	SAMPLED BY:	WPM/OMPC

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		7/6/2022	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	1.4	1.0					
Xylene(Total)	5.9	3.0					

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 20-123
LOCATION: RICCI 1-19
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-24

GTA PROJECT NO: 070122-11
GTA SAMPLE NO: 9
DATE SAMPLED: 6/30/2022
TIME SAMPLED: 4:08 PM
DATE RECEIVED: 7/1/2022
TIME RECEIVED: 3:45 PM
SAMPLED BY: WPM/OMPC

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		7/6/2022	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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LOD = LIMIT OF DETECTION

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COMPANY:	LAMBDA ENERGY RESOURCES, LLC	GTA PROJECT NO:	070122-11
PROJECT NO:	20-123	GTA SAMPLE NO:	10
LOCATION:	RICCI 1-19	DATE SAMPLED:	6/30/2022
		TIME SAMPLED:	3:43 PM
		DATE RECEIVED:	7/1/2022
	MI	TIME RECEIVED:	3:45 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-25	SAMPLED BY:	WPM/OMPC

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		7/6/2022	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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COMPANY:	LAMBDA ENERGY RESOURCES, LLC	GTA PROJECT NO:	070122-11
PROJECT NO:	20-123	GTA SAMPLE NO:	11
LOCATION:	RICCI 1-19	DATE SAMPLED:	6/30/2022
		TIME SAMPLED:	3:03 PM
		DATE RECEIVED:	7/1/2022
	MI	TIME RECEIVED:	3:45 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-26	SAMPLED BY:	WPM/OMPC

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		7/6/2022	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
PROJECT NO: 20-123
LOCATION: RICCI 1-19
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-30

GTA PROJECT NO: 070122-11
GTA SAMPLE NO: 12
DATE SAMPLED: 6/30/2022
TIME SAMPLED: 2:28 PM
DATE RECEIVED: 7/1/2022
TIME RECEIVED: 3:45 PM
SAMPLED BY: WPM/OMPC

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		7/6/2022	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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LOD = LIMIT OF DETECTION

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 20-123
LOCATION: RICCI 1-19
MI
SAMPLED BY: WPM/OMPC

GTA PROJECT NO: 070122-11
GTA SAMPLE NO: 6
DATE SAMPLED: 6/30/2022
TIME SAMPLED: 1:50 PM
DATE RECEIVED: 7/1/2022
TIME RECEIVED: 3:45 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-18						
	CHLORIDE EPA 300.0	15	10	mg/L (PPM)	KC	7/7/2022	WATER
	CONDUCTIVITY SM2510-B	380	1.0	uS/cm@25C	KC	7/7/2022	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 20-123	SITE NAME/ADDRESS Ricei Ha	COMPANY/NAME Lambda
SAMPLED BY WPM	COMPANY OMPC	GTA PROJECT # 070122-11

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	MW-2	6-30-22	1108	H2O	BTEX
2	MW-3		1133		
3	MW-4		1155		
4	MW-12		1245		
5	MW-16		1220		
6	MW-18		1350		BTEX BTEX, Chlorides + Conductivity
7	MW-19				x
7	MW-21		1230		HIPs
8	MW-22		1315		BTEX
9	MW-24		1608		
10	MW-25		1543		HIPs
11	MW-26		1503		BTEX
12	MW-36		1428		

BILL TO:	TempRec: ☐ 3.9°C	On Ice? ☒ Y ☐ N	REPORT TO: Dan Barton
RELEASED BY D. Why	DATE/TIME 7-1-22 1545	RECEIVED BY [Signature]	DATE/TIME 7/1/22/1545
REQUESTED TAT ☐ STANDARD ☐ 1 BUSINESS DAY ☐ 2 BUSINESS DAYS ☒ 3 BUSINESS DAYS			