



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: 2018100104.01
GTA ProjNo: 030422-1

Site Addr: BEAR LAKE 13 CPF

Sampled By: JOSHUA GERRIE/GCES
Date Rec: 3/4/2022
Time Rec: 3:45 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-12	3/4/2022		WATER
2	MW-15	3/4/2022		WATER
3	MW-33	3/4/2022		WATER
4	MW-46	3/4/2022		WATER
5	MW-47	3/4/2022		WATER
6	MW-37	3/4/2022		WATER
7	MW-8S	3/4/2022		WATER
8	MW-10	3/4/2022		WATER
9	MW-22S	3/4/2022		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
 PROJECT NO: 2018100104.01
 LOCATION: BEAR LAKE 13 CPF
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-12

GTA PROJECT NO: 030422-1
 GTA SAMPLE NO: 1
 DATE SAMPLED: 3/4/2022
 TIME SAMPLED:
 DATE RECEIVED: 3/4/2022
 TIME RECEIVED: 3:45 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		3/7/2022	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: 2018100104.01
LOCATION: BEAR LAKE 13 CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-33

GTA PROJECT NO: 030422-1
GTA SAMPLE NO: 3
DATE SAMPLED: 3/4/2022
TIME SAMPLED:
DATE RECEIVED: 3/4/2022
TIME RECEIVED: 3:45 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		3/7/2022	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	6.5	3.0					

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 PROJECT NO: 2018100104.01
 LOCATION: BEAR LAKE 13 CPF
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-46

GTA PROJECT NO: 030422-1
 GTA SAMPLE NO: 4
 DATE SAMPLED: 3/4/2022
 TIME SAMPLED:
 DATE RECEIVED: 3/4/2022
 TIME RECEIVED: 3:45 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		3/7/2022	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	39	3.0					

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
 PROJECT NO: 2018100104.01
 LOCATION: BEAR LAKE 13 CPF
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-47

GTA PROJECT NO: 030422-1
 GTA SAMPLE NO: 5
 DATE SAMPLED: 3/4/2022
 TIME SAMPLED:
 DATE RECEIVED: 3/4/2022
 TIME RECEIVED: 3:45 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		3/7/2022	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	6.0	3.0					

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COMPANY:	LAMBDA ENERGY RESOURCES, LLC	GTA PROJECT NO:	030422-1
PROJECT NO:	2018100104.01	GTA SAMPLE NO:	6
LOCATION:	BEAR LAKE 13 CPF	DATE SAMPLED:	3/4/2022
		TIME SAMPLED:	
	MI	DATE RECEIVED:	3/4/2022
		TIME RECEIVED:	3:45 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-37	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		3/7/2022	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	15	3.0					
1,2,4-Trimethylbenzene	20	1.0					
1,3,5-Trimethylbenzene	5.6	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
 PROJECT NO: 2018100104.01
 LOCATION: BEAR LAKE 13 CPF
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-8S

GTA PROJECT NO: 030422-1
 GTA SAMPLE NO: 7
 DATE SAMPLED: 3/4/2022
 TIME SAMPLED:
 DATE RECEIVED: 3/4/2022
 TIME RECEIVED: 3:45 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		3/7/2022	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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 LOD = LIMIT OF DETECTION



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COMPANY: LAMBDA ENERGY RESOURCES, LLC
 PROJECT NO: 2018100104.01
 LOCATION: BEAR LAKE 13 CPF
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-10

GTA PROJECT NO: 030422-1
 GTA SAMPLE NO: 8
 DATE SAMPLED: 3/4/2022
 TIME SAMPLED:
 DATE RECEIVED: 3/4/2022
 TIME RECEIVED: 3:45 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		3/7/2022	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
 PROJECT NO: 2018100104.01
 LOCATION: BEAR LAKE 13 CPF
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-22S

GTA PROJECT NO: 030422-1
 GTA SAMPLE NO: 9
 DATE SAMPLED: 3/4/2022
 TIME SAMPLED:
 DATE RECEIVED: 3/4/2022
 TIME RECEIVED: 3:45 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		3/7/2022	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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 LOD = LIMIT OF DETECTION

CHAIN OF CUSTODY

PROJECT NUMBER 2018100104.01	SITE NAME/ADDRESS Bear Lake 13 CPF	COMPANY/NAME Lambda Energy Resources
SAMPLED BY Joshua Gerrie	COMPANY Gosling Czubak	GTA PROJECT # 030422-1

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS	
1	MW-12	3-4-22		GW	BTEX + chloride	
2	MW-15	↓	↓	↓	↓	
3	MW-33					
4	MW-46					
5	MW-47					
6	MW-37					BTEX+4 + Chloride
7	MW-8s					
8	MW-10					
9	MW-22s					

BILL TO: Lambda Energy Resources	TempRec: <input type="checkbox"/> 3.5°C	On Ice? <input checked="" type="checkbox"/> <input type="checkbox"/>	REPORT TO: Jeff Simsa
--	--	--	---------------------------------

RELEASED BY <i>[Signature]</i>	DATE/TIME 3-4-22 / 1545	RECEIVED BY <i>[Signature]</i>	DATE/TIME 3/4/22 3:45P
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REQUESTED TAT STANDARD 1 BUSINESS DAY 2 BUSINESS DAYS 3 BUSINESS DAYS