

**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

GTA ProjNo: 072224-9

Site Addr: BEAR LAKE 13 CPF

Sampled By: JFR/GCES

Date Rec: 7/22/2024

Time Rec: 4:10 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-51	7/22/2024	2:20 PM	WATER
2	MW-52	7/22/2024	2:30 PM	WATER
3	SUMP	7/22/2024	2:40 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
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COMPANY:	LAMBDA ENERGY RESOURCES, LLC	GTA PROJECT NO:	072224-9
PROJECT NO:	2018100104	GTA SAMPLE NO:	1
LOCATION:	BEAR LAKE 13 CPF	DATE SAMPLED:	7/22/2024
		TIME SAMPLED:	2:20 PM
		DATE RECEIVED:	7/22/2024
	MI	TIME RECEIVED:	4:10 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-51	SAMPLED BY:	JFR/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		7/23/2024	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: 2018100104
LOCATION: BEAR LAKE 13 CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-52

GTA PROJECT NO: 072224-9
GTA SAMPLE NO: 2
DATE SAMPLED: 7/22/2024
TIME SAMPLED: 2:30 PM
DATE RECEIVED: 7/22/2024
TIME RECEIVED: 4:10 PM
SAMPLED BY: JFR/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	1.6	1.0	ug/L (PPB)	MR		7/23/2024	EPA 5030B
Toluene	1.2	1.0					
Ethylbenzene	3.1	1.0					
Xylene(Total)	3.1	3.0					
1,2,4-Trimethylbenzene	1.0	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

COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100104
LOCATION: BEAR LAKE 13 CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: SUMP
GTA PROJECT NO: 072224-9
GTA SAMPLE NO: 3
DATE SAMPLED: 7/22/2024
TIME SAMPLED: 2:40 PM
DATE RECEIVED: 7/22/2024
TIME RECEIVED: 4:10 PM
SAMPLED BY: JFR/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		7/23/2024	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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LOD = LIMIT OF DETECTION

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COMPANY: LAMBDA ENERGY RESOURCES, LLC

PROJECT NO: 2018100104

LOCATION: BEAR LAKE 13 CPF

GTA PROJECT NO: 072224-9

GTA SAMPLE NO: 1

DATE SAMPLED: 7/22/2024

TIME SAMPLED: 2:20 PM

DATE RECEIVED: 7/22/2024

TIME RECEIVED: 4:10 PM

SAMPLED BY: MI
JFR/GCES**SAMPLE ANALYSIS**

No:	Analysis	Concentration	LOD	Units	Analyst	Date Completed	Sample Matrix
SAMPLE ID: MW-51							
CHLORIDE EPA 300.0		18	10	mg/L (PPM)	KC/TR	7/24/2024	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

GTA PROJECT NO: 072224-9

PROJECT NO: 2018100104

GTA SAMPLE NO: 2

LOCATION: BEAR LAKE 13 CPF

DATE SAMPLED: 7/22/2024

TIME SAMPLED: 2:30 PM

DATE RECEIVED: 7/22/2024

TIME RECEIVED: 4:10 PM

MI

SAMPLED BY: JFR/GCES

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-52

CHLORIDE EPA 300.0

<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
14	10	mg/L (PPM)	KC/TR	7/24/2024	WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: LAMBDA ENERGY RESOURCES, LLC

GTA PROJECT NO: 072224-9

PROJECT NO: 2018100104

GTA SAMPLE NO: 3

LOCATION: BEAR LAKE 13 CPF

DATE SAMPLED: 7/22/2024

TIME SAMPLED: 2:40 PM

DATE RECEIVED: 7/22/2024

TIME RECEIVED: 4:10 PM

MI

SAMPLED BY: JFR/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 Matrix</u>
SAMPLE ID:	SUMP						
CHLORIDE EPA 300.0		17	10	mg/L (PPM)	KC/TR	7/24/2024	WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

s.u. = STANDARD pH UNITS REPORTED AT 25 C

CHAIN OF CUSTODY

PROJECT NUMBER 2018100104	SITE NAME/ADDRESS Bear Lake 13 CPF	COMPANY/NAME Lambton Energy Resources
SAMPLED BY JFR	COMPANY GCES	GTA PROJECT # 072224-9

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
	MW-51	7/22/24	14:20	GW	BTEX + 4, Chloride
	MW-52		14:30		
	SUMP		14:40		

BILL TO: GCES	TempRec: ☐ On Ice? ☒ ☐ 26°C	REPORT TO: J.S. MSA
RELEASED BY [Signature]	DATE/TIME 7/22/24 16:10	RECEIVED BY [Signature]
		DATE/TIME 7/22/24 16:10
REQUESTED TAT ☒ STANDARD ☐ 1 BUSINESS DAY ☐ 2 BUSINESS DAYS ☐ 3 BUSINESS DAYS		