

**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: 2018100106
GTA ProjNo: 082423-16

Site Addr: HAYES 22

Sampled By: BRENDON RUPPEN/GCES
Date Rec: 8/24/2023
Time Rec: 2:28 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-133	8/23/2023	2:05 PM	WATER
2	MW-135	8/23/2023	2:50 PM	WATER
3	MW-136	8/23/2023	3:10 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
Ph: 231-929-0905
Fx: 231-929-0894
SP: 231-590-0291
kirk@gtanalytical.com

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100106
LOCATION: HAYES 22
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-133

GTA PROJECT NO: 082423-16
GTA SAMPLE NO: 1
DATE SAMPLED: 8/23/2023
TIME SAMPLED: 2:05 PM
DATE RECEIVED: 8/24/2023
TIME RECEIVED: 2:28 PM
SAMPLED BY: BRENDON RUPPEN/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		8/28/2023	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: 2018100106
LOCATION: HAYES 22
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-135

GTA PROJECT NO: 082423-16
GTA SAMPLE NO: 2
DATE SAMPLED: 8/23/2023
TIME SAMPLED: 2:50 PM
DATE RECEIVED: 8/24/2023
TIME RECEIVED: 2:28 PM
SAMPLED BY: BRENDON RUPPEN/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		8/28/2023	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
PROJECT NO: 2018100106
LOCATION: HAYES 22
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-136

GTA PROJECT NO: 082423-16
GTA SAMPLE NO: 3
DATE SAMPLED: 8/23/2023
TIME SAMPLED: 3:10 PM
DATE RECEIVED: 8/24/2023
TIME RECEIVED: 2:28 PM
SAMPLED BY: BRENDON RUPPEN/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		8/29/2023	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
PROJECT NO: 2018100106
LOCATION: HAYES 22
MI
SAMPLED BY: BRENDON RUPPEN/GCES

GTA PROJECT NO: 082423-16
GTA SAMPLE NO: 1
DATE SAMPLED: 8/23/2023
TIME SAMPLED: 2:05 PM
DATE RECEIVED: 8/24/2023
TIME RECEIVED: 2:28 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-133 CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	KC/TR	8/30/2023	WATER

ND = NOT DETECTED, RESULT < LOD
LOD = LIMIT OF DETECTION
s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100106
LOCATION: HAYES 22
MI
SAMPLED BY: BRENDON RUPPEN/GCES

GTA PROJECT NO: 082423-16
GTA SAMPLE NO: 2
DATE SAMPLED: 8/23/2023
TIME SAMPLED: 2:50 PM
DATE RECEIVED: 8/24/2023
TIME RECEIVED: 2:28 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-135							
CHLORIDE EPA 300.0		ND	10	mg/L (PPM)	KC/TR	8/30/2023	WATER

ND = NOT DETECTED, RESULT < LOD
LOD = LIMIT OF DETECTION
s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100106
LOCATION: HAYES 22
MI
SAMPLED BY: BRENDON RUPPEN/GCES

GTA PROJECT NO: 082423-16
GTA SAMPLE NO: 3
DATE SAMPLED: 8/23/2023
TIME SAMPLED: 3:10 PM
DATE RECEIVED: 8/24/2023
TIME RECEIVED: 2:28 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-136 CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	KC/TR	8/30/2023	WATER

ND = NOT DETECTED, RESULT < LOD
LOD = LIMIT OF DETECTION
s.u. = STANDARD pH UNITS REPORTED AT 25 C

CHAIN OF CUSTODY

PROJECT NUMBER 2018100106	SITE NAME/ADDRESS Hayes 22	COMPANY/NAME LER
SAMPLED BY Brendan Ruppen	COMPANY GCES	GTA PROJECT # 082423-16

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
	MW-133	8/23/22	2:05	GW	[BTEX, Chloride]
	MW-135	↓	2:50	↓	↓
	MW-136	↓	3:10	↓	↓

BILL TO: LER	TempRec: ☐ 0.1°C	On Ice? ☒ Y ☐ N	REPORT TO: J. Simsa
RELEASED BY B. Ruppen	DATE/TIME 8/24/23 2:28	RECEIVED BY [Signature]	DATE/TIME 8/24/23 2:28
REQUESTED TAT ☒ STANDARD ☐ 1 BUSINESS DAY ☐ 2 BUSINESS DAYS ☐ 3 BUSINESS DAYS			