

**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: 20-128

GTA ProjNo: 111422-1

Site Addr: GERALDINE 3-35

Sampled By: WPM/OMPC

Date Rec: 11/14/2022

Time Rec: 9:30 AM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-6	11/11/2022	1:45 PM	WATER
2	MW-11	11/11/2022	1:15 PM	WATER
3	MW-10	11/11/2022	2:00 PM	WATER
4	MW-34	11/11/2022	3:25 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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Traverse City, MI 49686
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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 20-128
LOCATION: GERALDINE 3-35
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-6

GTA PROJECT NO: 111422-1
GTA SAMPLE NO: 1
DATE SAMPLED: 11/11/2022
TIME SAMPLED: 1:45 PM
DATE RECEIVED: 11/14/2022
TIME RECEIVED: 9:30 AM
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		11/17/2022	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.

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 20-128
LOCATION: GERALDINE 3-35
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-11

GTA PROJECT NO: 111422-1
GTA SAMPLE NO: 2
DATE SAMPLED: 11/11/2022
TIME SAMPLED: 1:15 PM
DATE RECEIVED: 11/14/2022
TIME RECEIVED: 9:30 AM
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		11/17/2022	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
PROJECT NO: 20-128
LOCATION: GERALDINE 3-35
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-10

GTA PROJECT NO: 111422-1
GTA SAMPLE NO: 3
DATE SAMPLED: 11/11/2022
TIME SAMPLED: 2:00 PM
DATE RECEIVED: 11/14/2022
TIME RECEIVED: 9:30 AM
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		11/17/2022	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	5.2	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: 20-128
LOCATION: GERALDINE 3-35
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-34

GTA PROJECT NO: 111422-1
GTA SAMPLE NO: 4
DATE SAMPLED: 11/11/2022
TIME SAMPLED: 3:25 PM
DATE RECEIVED: 11/14/2022
TIME RECEIVED: 9:30 AM
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		11/17/2022	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: 111422-1

PROJECT NO: 20-128

GTA SAMPLE NO: 1

LOCATION: GERALDINE 3-35

DATE SAMPLED: 11/11/2022

TIME SAMPLED: 1:45 PM

DATE RECEIVED: 11/14/2022

TIME RECEIVED: 9:30 AM

MI

SAMPLED BY: WPM/OMPC

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-6

CHLORIDE EPA 300.0

Concentration

46

LOD

10

Units

mg/L (PPM)

Analyst

KC/TR

Date Completed

11/23/2022

Sample Matrix

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

PROJECT NO: 20-128

LOCATION: GERALDINE 3-35

GTA PROJECT NO: 111422-1

GTA SAMPLE NO: 2

DATE SAMPLED: 11/11/2022

TIME SAMPLED: 1:15 PM

DATE RECEIVED: 11/14/2022

TIME RECEIVED: 9:30 AM

SAMPLED BY: MI
WPM/OMPC**SAMPLE ANALYSIS****No: Analysis**

SAMPLE ID: MW-11

CHLORIDE EPA 300.0

<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
ND	10	mg/L (PPM)	KC/TR	11/23/2022	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: 111422-1

PROJECT NO: 20-128

GTA SAMPLE NO: 3

LOCATION: GERALDINE 3-35

DATE SAMPLED: 11/11/2022

TIME SAMPLED: 2:00 PM

DATE RECEIVED: 11/14/2022

TIME RECEIVED: 9:30 AM

MI

SAMPLED BY: WPM/OMPC

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-10

CHLORIDE EPA 300.0

<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
44	10	mg/L (PPM)	KC/TR	11/23/2022	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: 111422-1

PROJECT NO: 20-128

GTA SAMPLE NO: 4

LOCATION: GERALDINE 3-35

DATE SAMPLED: 11/11/2022

TIME SAMPLED: 3:25 PM

DATE RECEIVED: 11/14/2022

TIME RECEIVED: 9:30 AM

MI

SAMPLED BY: WPM/OMPC

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-34

CHLORIDE EPA 300.0

<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
12	10	mg/L (PPM)	KC/TR	11/23/2022	WATER

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

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CHAIN OF CUSTODY

PROJECT NUMBER 20-128	SITE NAME/ADDRESS Geraltine 3-35	COMPANY/NAME Lambda
SAMPLED BY WPM	COMPANY OMPC	GTA PROJECT # 111422-1

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
	MW-6	11-11-22	1345	H₂O	H/PS, chlorides
	MW-11	↓	1315	↓	↓
	MW-10		1400		
	MW-34		1525	↓	↓

BILL TO:	TempRec: ☐ 10^o	On Ice? ☒ Y ☐ N	REPORT TO: Dan Barton
RELEASED BY [Signature]	DATE/TIME 11-14-22 925	RECEIVED BY [Signature]	DATE/TIME 11-14-22 9:30A
REQUESTED TAT ☒ STANDARD ☐ 1 BUSINESS DAY ☐ 2 BUSINESS DAYS ☐ 3 BUSINESS DAYS			