

**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: 2018100175

GTA ProjNo: 022822-2

Site Addr: JOUPPIE

Sampled By: BRENDON RUPPEN/GCES

Date Rec: 2/28/2022

Time Rec: 2:23 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-3R	2/28/2022	12:40 PM	WATER
2	MW-5S	2/28/2022	1:00 PM	WATER
3	RW-1	2/28/2022	1:20 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

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100175
LOCATION: JOUPPIE
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-3R

GTA PROJECT NO: 022822-2
GTA SAMPLE NO: 1
DATE SAMPLED: 2/28/2022
TIME SAMPLED: 12:40 PM
DATE RECEIVED: 2/28/2022
TIME RECEIVED: 2:23 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 Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		3/1/2022	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: 2018100175
LOCATION: JOUPPIE
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-5S

GTA PROJECT NO: 022822-2
GTA SAMPLE NO: 2
DATE SAMPLED: 2/28/2022
TIME SAMPLED: 1:00 PM
DATE RECEIVED: 2/28/2022
TIME RECEIVED: 2:23 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 Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		3/1/2022	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: 2018100175
LOCATION: JOUPPIE
MI
SAMPLE MATRIX: WATER
SAMPLE ID: RW-1

GTA PROJECT NO: 022822-2
GTA SAMPLE NO: 3
DATE SAMPLED: 2/28/2022
TIME SAMPLED: 1:20 PM
DATE RECEIVED: 2/28/2022
TIME RECEIVED: 2:23 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 Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		3/3/2022	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	6.0	3.0					
1,2,4-Trimethylbenzene	4.6	1.0					
1,3,5-Trimethylbenzene	1.3	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: 022822-2

PROJECT NO: 2018100175

GTA SAMPLE NO: 1

LOCATION: JOUPPIE

DATE SAMPLED: 2/28/2022

TIME SAMPLED: 12:40 PM

DATE RECEIVED: 2/28/2022

TIME RECEIVED: 2:23 PM

MI

SAMPLED BY: BRENDON RUPPEN/GCES

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-3R

CHLORIDE EPA 300.0

Concentration

23

LOD

10

Units

mg/L (PPM)

Analyst

TR

Date Completed

3/1/2022

Sample

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: 022822-2

PROJECT NO: 2018100175

GTA SAMPLE NO: 2

LOCATION: JOUPPIE

DATE SAMPLED: 2/28/2022

TIME SAMPLED: 1:00 PM

DATE RECEIVED: 2/28/2022

TIME RECEIVED: 2:23 PM

MI

SAMPLED BY: BRENDON RUPPEN/GCES

SAMPLE ANALYSIS**No: Analysis**

SAMPLE ID: MW-5S

CHLORIDE EPA 300.0

Concentration

19

LOD

10

Units

mg/L (PPM)

Analyst

TR

Date Completed

3/1/2022

Sample

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: 022822-2

PROJECT NO: 2018100175

GTA SAMPLE NO: 3

LOCATION: JOUPPIE

DATE SAMPLED: 2/28/2022

TIME SAMPLED: 1:20 PM

DATE RECEIVED: 2/28/2022

TIME RECEIVED: 2:23 PM

MI

SAMPLED BY: BRENDON RUPPEN/GCES

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: RW-1

CHLORIDE EPA 300.0

Concentration

140

LOD

10

Units

mg/L (PPM)

Analyst

TR

Date Completed

3/1/2022

Sample

WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

