

**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: 2018100175.01

GTA ProjNo: 120821-10

Site Addr: JOUPPI 3-17

Sampled By: MARK STOVER/GCES

Date Rec: 12/8/2021

Time Rec: 3:25 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-3R	12/8/2021		WATER
2	MW-5S	12/8/2021		WATER
3	RW-1	12/8/2021		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: 2018100175.01
LOCATION: JOUPPI 3-17
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-3R

GTA PROJECT NO: 120821-10
GTA SAMPLE NO: 1
DATE SAMPLED: 12/8/2021
TIME SAMPLED:
DATE RECEIVED: 12/8/2021
TIME RECEIVED: 3:25 PM
SAMPLED BY: MARK STOVER/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		12/9/2021	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: 2018100175.01
LOCATION: JOUPPI 3-17
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-5S

GTA PROJECT NO: 120821-10
GTA SAMPLE NO: 2
DATE SAMPLED: 12/8/2021
TIME SAMPLED:
DATE RECEIVED: 12/8/2021
TIME RECEIVED: 3:25 PM
SAMPLED BY: MARK STOVER/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		12/9/2021	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

COMPANY:	LAMBDA ENERGY RESOURCES, LLC	GTA PROJECT NO:	120821-10
PROJECT NO:	2018100175.01	GTA SAMPLE NO:	3
LOCATION:	JOUPPI 3-17	DATE SAMPLED:	12/8/2021
		TIME SAMPLED:	
	MI	DATE RECEIVED:	12/8/2021
		TIME RECEIVED:	3:25 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	RW-1	SAMPLED BY:	MARK STOVER/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		12/9/2021	EPA 5030B
Toluene	2.2	1.0					
Ethylbenzene	2.0	1.0					
Xylene(Total)	25	3.0					
1,2,4-Trimethylbenzene	14	1.0					
1,3,5-Trimethylbenzene	4.7	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: 120821-10

PROJECT NO: 2018100175.01

GTA SAMPLE NO: 1

LOCATION: JOUPPI 3-17

DATE SAMPLED: 12/8/2021

TIME SAMPLED:

DATE RECEIVED: 12/8/2021

TIME RECEIVED: 3:25 PM

MI

SAMPLED BY: MARK STOVER/GCES

SAMPLE ANALYSIS**No: Analysis**

SAMPLE ID: MW-3R

CHLORIDE EPA 300.0

Concentration

ND

LOD

10

Units

mg/L (PPM)

Analyst

TR

Date Completed

12/9/2021

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: 120821-10

PROJECT NO: 2018100175.01

GTA SAMPLE NO: 2

LOCATION: JOUPPI 3-17

DATE SAMPLED: 12/8/2021

TIME SAMPLED:

DATE RECEIVED: 12/8/2021

TIME RECEIVED: 3:25 PM

MI

SAMPLED BY: MARK STOVER/GCES

SAMPLE ANALYSIS**No: Analysis**

SAMPLE ID: MW-5S

CHLORIDE EPA 300.0

Concentration

23

LOD

10

Units

mg/L (PPM)

Analyst

TR

Date Completed

12/9/2021

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
PROJECT NO: 2018100175.01
LOCATION: JOUPPI 3-17
MI
SAMPLED BY: MARK STOVER/GCES

GTA PROJECT NO: 120821-10
GTA SAMPLE NO: 3
DATE SAMPLED: 12/8/2021
TIME SAMPLED:
DATE RECEIVED: 12/8/2021
TIME RECEIVED: 3:25 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</u>
	SAMPLE ID: RW-1						
	CHLORIDE EPA 300.0	200	10	mg/L (PPM)	TR	12/9/2021	WATER

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

