

**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: 20-116

GTA ProjNo: 031621-2

Site Addr: FREDERIC 2 CPF

Sampled By: MS/OMPS

Date Rec: 3/16/2021

Time Rec: 3:45 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-1SR	3/16/2021		WATER
2	MW-2	3/16/2021		WATER
3	MW-3	3/16/2021		WATER
4	MW-4	3/16/2021		WATER
5	MW-4A	3/16/2021		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

Kirk L. Chase/Chemist
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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 20-116
LOCATION: FREDERIC 2 CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-1SR
GTA PROJECT NO: 031621-2
GTA SAMPLE NO: 1
DATE SAMPLED: 3/16/2021
TIME SAMPLED:
DATE RECEIVED: 3/16/2021
TIME RECEIVED: 3:45 PM
SAMPLED BY: MS/OMPS

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		3/17/2021	EPA5030B
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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PROJECT NO: 20-116
LOCATION: FREDERIC 2 CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-2

GTA PROJECT NO: 031621-2
GTA SAMPLE NO: 2
DATE SAMPLED: 3/16/2021
TIME SAMPLED:
DATE RECEIVED: 3/16/2021
TIME RECEIVED: 3:45 PM
SAMPLED BY: MS/OMPS

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		3/17/2021	EPA5030B
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: 20-116
LOCATION: FREDERIC 2 CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-3

GTA PROJECT NO: 031621-2
GTA SAMPLE NO: 3
DATE SAMPLED: 3/16/2021
TIME SAMPLED:
DATE RECEIVED: 3/16/2021
TIME RECEIVED: 3:45 PM
SAMPLED BY: MS/OMPS

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		3/17/2021	EPA5030B
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: 20-116
LOCATION: FREDERIC 2 CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-4

GTA PROJECT NO: 031621-2
GTA SAMPLE NO: 4
DATE SAMPLED: 3/16/2021
TIME SAMPLED:
DATE RECEIVED: 3/16/2021
TIME RECEIVED: 3:45 PM
SAMPLED BY: MS/OMPS

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	2.1	1.0	ug/L (PPB)	MR		3/17/2021	EPA5030B
Toluene	2.3	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 20-116
LOCATION: FREDERIC 2 CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-4A

GTA PROJECT NO: 031621-2
GTA SAMPLE NO: 5
DATE SAMPLED: 3/16/2021
TIME SAMPLED:
DATE RECEIVED: 3/16/2021
TIME RECEIVED: 3:45 PM
SAMPLED BY: MS/OMPS

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		3/17/2021	EPA5030B
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: 20-116

LOCATION: FREDERIC 2 CPF

GTA PROJECT NO: 031621-2

GTA SAMPLE NO: 1

DATE SAMPLED: 3/16/2021

TIME SAMPLED:

DATE RECEIVED: 3/16/2021

TIME RECEIVED: 3:45 PM

SAMPLED BY: MI
MS/OMPS**SAMPLE ANALYSIS****No: Analysis**

SAMPLE ID: MW-1SR

CHLORIDE EPA 300.0

<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample</u>
30	10	mg/L (PPM)	TR	3/16/2021	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: 20-116

LOCATION: FREDERIC 2 CPF

GTA PROJECT NO: 031621-2

GTA SAMPLE NO: 2

DATE SAMPLED: 3/16/2021

TIME SAMPLED:

DATE RECEIVED: 3/16/2021

TIME RECEIVED: 3:45 PM

SAMPLED BY: MI
MS/OMPS**SAMPLE ANALYSIS****No: Analysis**

SAMPLE ID: MW-2

CHLORIDE EPA 300.0

Concentration

210

LOD

10

Units

mg/L (PPM)

Analyst

TR

Date Completed

3/16/2021

Sample

WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

**INDEPENDENT TESTING LAB**

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COMPANY: LAMBDA ENERGY RESOURCES, LLC

PROJECT NO: 20-116

LOCATION: FREDERIC 2 CPF

GTA PROJECT NO: 031621-2

GTA SAMPLE NO: 3

DATE SAMPLED: 3/16/2021

TIME SAMPLED:

DATE RECEIVED: 3/16/2021

TIME RECEIVED: 3:45 PM

SAMPLED BY: MI
MS/OMPS**SAMPLE ANALYSIS****No: Analysis**

SAMPLE ID: MW-3

CHLORIDE EPA 300.0

Concentration

ND

LOD

10

Units

mg/L (PPM)

Analyst

TR

Date Completed

3/18/2021

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: 20-116

LOCATION: FREDERIC 2 CPF

SAMPLED BY: MI
MS/OMPS

GTA PROJECT NO: 031621-2

GTA SAMPLE NO: 4

DATE SAMPLED: 3/16/2021

TIME SAMPLED:

DATE RECEIVED: 3/16/2021

TIME RECEIVED: 3:45 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: MW-4						
	CHLORIDE EPA 300.0	220	10	mg/L (PPM)	TR	3/18/2021	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: 20-116

LOCATION: FREDERIC 2 CPF

SAMPLED BY: MI
MS/OMPS

GTA PROJECT NO: 031621-2

GTA SAMPLE NO: 5

DATE SAMPLED: 3/16/2021

TIME SAMPLED:

DATE RECEIVED: 3/16/2021

TIME RECEIVED: 3:45 PM

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-4A

CHLORIDE EPA 300.0

<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample</u>
ND	10	mg/L (PPM)	TR	3/18/2021	WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

CHAIN OF CUSTODY

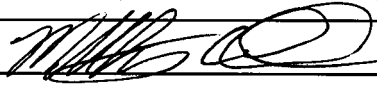
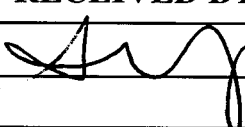
PROJECT NUMBER 20-116	SITE NAME/ADDRESS Federic 2 CPF	COMPANY/NAME Lambda
SAMPLED BY MS	COMPANY OMPC	GTA PROJECT # 032031621-2

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	MW-1SE	3/16/21		Water	BTEX + chlorides
2	MW-2	↓		↓	↓
3	MW-3				
4	MW-4				
5	MW-4A				

BILL TO: **Lambda**

REPORT TO: **OMPC**

RELEASED BY 	DATE/TIME 3/16/21 3:45	RECEIVED BY 	DATE/TIME 3/16/21 3:45P
			rec'd office

REQUESTED TAT ☒ STANDARD ☐ 1 BUSINESS DAY ☐ 2 BUSINESS DAYS ☐ 3 BUSINESS DAYS