

**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: 20-127

GTA ProjNo: 120420-13

Site Addr: CENTRAL CHARLTON D2-12

Sampled By: SEAN CLARK/OMPC

Date Rec: 12/4/2020

Time Rec: 4:45 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-1	12/3/2020	2:30 PM	WATER
2	MW-5	12/3/2020	3:33 PM	WATER
3	MW-6	12/3/2020	1:00 PM	WATER
4	MW-7S	12/3/2020	2:04 PM	WATER
5	MW-7D	12/3/2020	3:00 PM	WATER
6	MW-9	12/3/2020	3:40 PM	WATER
7	MW-10	12/3/2020	3:05 PM	WATER
8	MW-11	12/3/2020	1:31 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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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 20-127
LOCATION: CENTRAL CHARLTON D2-12
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-1

GTA PROJECT NO: 120420-13
GTA SAMPLE NO: 1
DATE SAMPLED: 12/3/2020
TIME SAMPLED: 2:30 PM
DATE RECEIVED: 12/4/2020
TIME RECEIVED: 4:45 PM
SAMPLED BY: SEAN CLARK/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	1.3	1.0	ug/L (PPB)	MR		12/6/2020	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	190	1.0					
Xylene(Total)	120	3.0					
1,2,4-Trimethylbenzene	28	1.0					
1,3,5-Trimethylbenzene	9.7	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: 20-127
LOCATION: CENTRAL CHARLTON D2-12
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-5

GTA PROJECT NO: 120420-13
GTA SAMPLE NO: 2
DATE SAMPLED: 12/3/2020
TIME SAMPLED: 3:33 PM
DATE RECEIVED: 12/4/2020
TIME RECEIVED: 4:45 PM
SAMPLED BY: SEAN CLARK/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		12/6/2020	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: 20-127
LOCATION: CENTRAL CHARLTON D2-12
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-6

GTA PROJECT NO: 120420-13
GTA SAMPLE NO: 3
DATE SAMPLED: 12/3/2020
TIME SAMPLED: 1:00 PM
DATE RECEIVED: 12/4/2020
TIME RECEIVED: 4:45 PM
SAMPLED BY: SEAN CLARK/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		12/6/2020	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: 20-127
LOCATION: CENTRAL CHARLTON D2-12
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-7S

GTA PROJECT NO: 120420-13
GTA SAMPLE NO: 4
DATE SAMPLED: 12/3/2020
TIME SAMPLED: 2:04 PM
DATE RECEIVED: 12/4/2020
TIME RECEIVED: 4:45 PM
SAMPLED BY: SEAN CLARK/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		12/6/2020	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: 20-127
LOCATION: CENTRAL CHARLTON D2-12
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-7D

GTA PROJECT NO: 120420-13
GTA SAMPLE NO: 5
DATE SAMPLED: 12/3/2020
TIME SAMPLED: 3:00 PM
DATE RECEIVED: 12/4/2020
TIME RECEIVED: 4:45 PM
SAMPLED BY: SEAN CLARK/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		12/6/2020	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: 20-127
LOCATION: CENTRAL CHARLTON D2-12
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-9

GTA PROJECT NO: 120420-13
GTA SAMPLE NO: 6
DATE SAMPLED: 12/3/2020
TIME SAMPLED: 3:40 PM
DATE RECEIVED: 12/4/2020
TIME RECEIVED: 4:45 PM
SAMPLED BY: SEAN CLARK/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		12/6/2020	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:	120420-13
PROJECT NO:	20-127	GTA SAMPLE NO:	7
LOCATION:	CENTRAL CHARLTON D2-12	DATE SAMPLED:	12/3/2020
		TIME SAMPLED:	3:05 PM
		DATE RECEIVED:	12/4/2020
	MI	TIME RECEIVED:	4:45 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-10	SAMPLED BY:	SEAN CLARK/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		12/6/2020	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:	120420-13
PROJECT NO:	20-127	GTA SAMPLE NO:	8
LOCATION:	CENTRAL CHARLTON D2-12	DATE SAMPLED:	12/3/2020
		TIME SAMPLED:	1:31 PM
		DATE RECEIVED:	12/4/2020
	MI	TIME RECEIVED:	4:45 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-11	SAMPLED BY:	SEAN CLARK/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	6.6	1.0	ug/L (PPB)	MR		12/6/2020	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	94	1.0					
Xylene(Total)	230	3.0					
1,2,4-Trimethylbenzene	36	1.0					
1,3,5-Trimethylbenzene	13	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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CHAIN OF CUSTODY

PROJECT NUMBER 20-127	SITE NAME/ADDRESS Central Chariton D2-12	COMPANY/NAME Lambda
SAMPLED BY Sean Clark	COMPANY Ottwell Mawby	GTA PROJECT # 120420-13

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	MW-1	12/3/2020	1430	GW	BTEX + HIPS
2	MW-5	↓	1533	↓	↓
3	MW-6		1300		
4	MW-7s		1404		
5	MW-7d		1500		
6	MW-9		1540		
7	MW-10		1505		
8	MW-11		1331		

BILL TO:

Lambda

REPORT TO:

Ottwell Mawby

RELEASED BY

DATE/TIME

RECEIVED BY

DATE/TIME

Sean Clark 12/4/2020 @ 1645

Aug 12/4/20 1645
REC 4.0°C ONTIC

REQUESTED TAT

☒ STANDARD

☐

1 BUSINESS DAY

☐

2 BUSINESS DAYS

☐

3 BUSINESS DAYS