



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: 2018100104.01
GTA ProjNo: 033120-11

Site Addr: BEAR LAKE 13 CPF

Sampled By: MARK STOVER/GCES
Date Rec: 3/31/2020
Time Rec: 2:35 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-29	3/30/2020		WATER
2	MW-41	3/30/2020		WATER
3	MW-42	3/30/2020		WATER
4	MW-1	3/30/2020		WATER
5	MW-6	3/30/2020		WATER
6	MW-23	3/30/2020		WATER
7	MW-38	3/30/2020		WATER
8	MW-39	3/30/2020		WATER
9	MW-33	3/30/2020		WATER
10	MW-37	3/30/2020		WATER
11	MW-47	3/30/2020		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
Grand Traverse Analytical
830 Robinwood Court
Traverse City, MI 49686
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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100104.01
LOCATION: BEAR LAKE 13 CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-29

GTA PROJECT NO: 033120-11
GTA SAMPLE NO: 1
DATE SAMPLED: 3/30/2020
TIME SAMPLED:
DATE RECEIVED: 3/31/2020
TIME RECEIVED: 2:35 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		4/2/2020	EPA 5030B
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: 2018100104.01
LOCATION: BEAR LAKE 13 CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-41

GTA PROJECT NO: 033120-11
GTA SAMPLE NO: 2
DATE SAMPLED: 3/30/2020
TIME SAMPLED:
DATE RECEIVED: 3/31/2020
TIME RECEIVED: 2:35 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		4/2/2020	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
 PROJECT NO: 2018100104.01
 LOCATION: BEAR LAKE 13 CPF
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-42

GTA PROJECT NO: 033120-11
 GTA SAMPLE NO: 3
 DATE SAMPLED: 3/30/2020
 TIME SAMPLED:
 DATE RECEIVED: 3/31/2020
 TIME RECEIVED: 2:35 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		4/2/2020	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					

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 PROJECT NO: 2018100104.01
 LOCATION: BEAR LAKE 13 CPF
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-1

GTA PROJECT NO: 033120-11
 GTA SAMPLE NO: 4
 DATE SAMPLED: 3/30/2020
 TIME SAMPLED:
 DATE RECEIVED: 3/31/2020
 TIME RECEIVED: 2:35 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		4/2/2020	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					

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 PROJECT NO: 2018100104.01
 LOCATION: BEAR LAKE 13 CPF
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-6

GTA PROJECT NO: 033120-11
 GTA SAMPLE NO: 5
 DATE SAMPLED: 3/30/2020
 TIME SAMPLED:
 DATE RECEIVED: 3/31/2020
 TIME RECEIVED: 2:35 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		4/2/2020	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100104.01
LOCATION: BEAR LAKE 13 CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-23

GTA PROJECT NO: 033120-11
GTA SAMPLE NO: 6
DATE SAMPLED: 3/30/2020
TIME SAMPLED:
DATE RECEIVED: 3/31/2020
TIME RECEIVED: 2:35 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		4/2/2020	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					

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 PROJECT NO: 2018100104.01
 LOCATION: BEAR LAKE 13 CPF
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-38

GTA PROJECT NO: 033120-11
 GTA SAMPLE NO: 7
 DATE SAMPLED: 3/30/2020
 TIME SAMPLED:
 DATE RECEIVED: 3/31/2020
 TIME RECEIVED: 2:35 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		4/2/2020	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
 PROJECT NO: 2018100104.01
 LOCATION: BEAR LAKE 13 CPF
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-39

GTA PROJECT NO: 033120-11
 GTA SAMPLE NO: 8
 DATE SAMPLED: 3/30/2020
 TIME SAMPLED:
 DATE RECEIVED: 3/31/2020
 TIME RECEIVED: 2:35 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		4/2/2020	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					

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 PROJECT NO: 2018100104.01
 LOCATION: BEAR LAKE 13 CPF
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-33

GTA PROJECT NO: 033120-11
 GTA SAMPLE NO: 9
 DATE SAMPLED: 3/30/2020
 TIME SAMPLED:
 DATE RECEIVED: 3/31/2020
 TIME RECEIVED: 2:35 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		4/2/2020	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
 PROJECT NO: 2018100104.01
 LOCATION: BEAR LAKE 13 CPF
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-37

GTA PROJECT NO: 033120-11
 GTA SAMPLE NO: 10
 DATE SAMPLED: 3/30/2020
 TIME SAMPLED:
 DATE RECEIVED: 3/31/2020
 TIME RECEIVED: 2:35 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		4/2/2020	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	3.6	3.0					

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
 PROJECT NO: 2018100104.01
 LOCATION: BEAR LAKE 13 CPF
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-47

GTA PROJECT NO: 033120-11
 GTA SAMPLE NO: 11
 DATE SAMPLED: 3/30/2020
 TIME SAMPLED:
 DATE RECEIVED: 3/31/2020
 TIME RECEIVED: 2:35 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		4/2/2020	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	14	3.0					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.
 ND = NOT DETECTED, RESULT < LOD
 LOD = LIMIT OF DETECTION

CHAIN OF CUSTODY

PROJECT NUMBER <i>201810010401</i>	SITE NAME/ADDRESS <i>BEAR LAKE 13 CPF</i>	COMPANY/NAME <i>LAMBDA ENERGY</i>
SAMPLED BY <i>MARK STOVER</i>	COMPANY <i>G.C.E.S.</i>	GTA PROJECT # <i>033120-11</i>

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	<i>MW-29</i>	<i>3-30-20</i>		<i>GW</i>	<i>BTEX</i>
2	<i>MW-41</i>	↓		↓	↓
3	<i>MW-42</i>				
4	<i>MW-1</i>		<i>BTEX, CHLORIDE</i>		
5	<i>MW-6</i>				
6	<i>MW-23</i>				
7	<i>MW-38</i>				
8	<i>MW-39</i>				
9	<i>MW-33</i>				
10	<i>MW-37</i>				
11	<i>MW-47</i>				

BILL TO:
LAMBDA ENERGY

REPORT TO:
JEFF SIMSA

RELEASED BY **DATE/TIME**

RECEIVED BY **DATE/TIME**

[Signature] *3-31-20*

[Signature] *3/31/20 2:35p*

re 3.30c on ice

REQUESTED TAT **STANDARD** **1 BUSINESS DAY** **2 BUSINESS DAYS** **3 BUSINESS DAYS**