



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: 2018100129.01
GTA ProjNo: 091318-1

Site Addr: CHARLTON 12 CPF

Sampled By: MARK STOVER/GCES
Date Rec: 9/13/2018
Time Rec: 12:45 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-4	9/12/2018		WATER
2	MW-6	9/12/2018		WATER
3	MW-7D	9/12/2018		WATER
4	MW-9	9/12/2018		WATER
5	MW-10	9/12/2018		WATER
6	MW-7S	9/12/2018		WATER
7	MW-8	9/12/2018		WATER
8	MW-5	9/12/2018		WATER
9	MW-1	9/12/2018		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
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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100129.01
LOCATION: CHARLTON 12 CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-4
GTA PROJECT NO: 091318-1
GTA SAMPLE NO: 1
DATE SAMPLED: 9/12/2018
TIME SAMPLED:
DATE RECEIVED: 9/13/2018
TIME RECEIVED: 12:45 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		9/14/2018	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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PROJECT NO: 2018100129.01
LOCATION: CHARLTON 12 CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-7D

GTA PROJECT NO: 091318-1
GTA SAMPLE NO: 3
DATE SAMPLED: 9/12/2018
TIME SAMPLED:
DATE RECEIVED: 9/13/2018
TIME RECEIVED: 12:45 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		9/14/2018	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: 2018100129.01
 LOCATION: CHARLTON 12 CPF
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-9

GTA PROJECT NO: 091318-1
 GTA SAMPLE NO: 4
 DATE SAMPLED: 9/12/2018
 TIME SAMPLED:
 DATE RECEIVED: 9/13/2018
 TIME RECEIVED: 12:45 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		9/14/2018	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: 2018100129.01
LOCATION: CHARLTON 12 CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-10

GTA PROJECT NO: 091318-1
GTA SAMPLE NO: 5
DATE SAMPLED: 9/12/2018
TIME SAMPLED:
DATE RECEIVED: 9/13/2018
TIME RECEIVED: 12:45 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		9/14/2018	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: 2018100129.01
 LOCATION: CHARLTON 12 CPF
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-7S

GTA PROJECT NO: 091318-1
 GTA SAMPLE NO: 6
 DATE SAMPLED: 9/12/2018
 TIME SAMPLED:
 DATE RECEIVED: 9/13/2018
 TIME RECEIVED: 12:45 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	2.5	1.0	ug/L (PPB)	MR		9/14/2018	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	21	1.0					
Xylene(Total)	52	3.0					

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100129.01
LOCATION: CHARLTON 12 CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-8

GTA PROJECT NO: 091318-1
GTA SAMPLE NO: 7
DATE SAMPLED: 9/12/2018
TIME SAMPLED:
DATE RECEIVED: 9/13/2018
TIME RECEIVED: 12:45 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	2.3	1.0	ug/L (PPB)	MR		9/15/2018	EPA 5030B
Toluene	2.9	1.0					
Ethylbenzene	48	1.0					
Xylene(Total)	270	3.0					
1,2,4-Trimethylbenzene	11	1.0					
1,3,5-Trimethylbenzene	4.6	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100129.01
LOCATION: CHARLTON 12 CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-5

GTA PROJECT NO: 091318-1
GTA SAMPLE NO: 8
DATE SAMPLED: 9/12/2018
TIME SAMPLED:
DATE RECEIVED: 9/13/2018
TIME RECEIVED: 12:45 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		9/15/2018	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: 2018100129.01
LOCATION: CHARLTON 12 CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-1

GTA PROJECT NO: 091318-1
GTA SAMPLE NO: 9
DATE SAMPLED: 9/12/2018
TIME SAMPLED:
DATE RECEIVED: 9/13/2018
TIME RECEIVED: 12:45 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</u> <u>Extracted</u>	<u>Date</u> <u>Complete</u>	<u>Prep Method</u>
Benzene	7.0	5.0	ug/L (PPB)	MR		9/15/2018	EPA 5030B
Toluene	305	5.0					
Ethylbenzene	126	5.0					
Xylene(Total)	1,510	150					
1,2,4-Trimethylbenzene	55	5.0					
1,3,5-Trimethylbenzene	55	5.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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CHAIN OF CUSTODY

PROJECT NUMBER 2018100129.01	SITE NAME/ADDRESS CHARLTON 12 CPF	COMPANY/NAME Lambda Energy Resources, LLC
SAMPLED BY MARK STOVER	COMPANY G.C.E.S.	GTA PROJECT # 091318-1

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS	
1	MW-4	9-12-18		GW	BTEX	
2	MW-6	↓		↓	↓	
3	MW-7d					
4	MW-9					
5	MW-10					
6	MW-75					
7	MW-8					BTEX + 4
8	MW-5					BTEX
9	MW-1					BTEX + 4

BILL TO: G.C.E.S.

REPORT TO:

JEFF SIMSA

10-12C

RELEASED BY	DATE/TIME	RECEIVED BY	DATE/TIME
<i>[Signature]</i>	9-12-18	G.C.E.S. FRIDGE	9-12-18/18:10
GcES Cold Storage	9-13-18@1210	<i>[Signature]</i>	9-13-18@1210
<i>[Signature]</i>	9-13-18@1245	<i>[Signature]</i>	9/13/18 12:45P

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