



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: 130685-1700
GTA ProjNo: 090519-13

Site Addr: ENTERPRISE CPF
Sampled By: BJB/JSL - ECT
Date Rec: 9/5/2019
Time Rec: 4:40 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-3	9/5/2019	8:51 PM	WATER
2	MW-1	9/5/2019	9:05 PM	WATER
3	MW-11	9/5/2019	9:15 AM	WATER
4	MW-9	9/5/2019	10:06 AM	WATER
5	MW-4	9/5/2019	10:26 AM	WATER
6	MW-12	9/5/2019	10:50 AM	WATER
7	MW-10D	9/5/2019	11:24 AM	WATER
8	MW-10	9/5/2019	12:01 PM	WATER
9	MW-2	9/5/2019	11:40 AM	WATER
10	MW-2D	9/5/2019	12:26 PM	WATER
11	DUP-2	9/5/2019		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 L Chase

Kirk L. Chase/Chemist
Grand Traverse Analytical
830 Robinwood Court
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COMPANY: LAMBDA ENERGY RESOURCES, LLC
 PROJECT NO: 130685-1700
 LOCATION: ENTERPRISE CPF
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-3

GTA PROJECT NO: 090519-13
 GTA SAMPLE NO: 1
 DATE SAMPLED: 9/5/2019
 TIME SAMPLED: 8:51 PM
 DATE RECEIVED: 9/5/2019
 TIME RECEIVED: 4:40 PM

SAMPLED BY: BJB/JSL - ECT

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		9/8/2019	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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 PROJECT NO: 130685-1700
 LOCATION: ENTERPRISE CPF
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-1

GTA PROJECT NO: 090519-13
 GTA SAMPLE NO: 2
 DATE SAMPLED: 9/5/2019
 TIME SAMPLED: 9:05 PM
 DATE RECEIVED: 9/5/2019
 TIME RECEIVED: 4:40 PM

SAMPLED BY: BJB/JSL - ECT

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		9/8/2019	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	1.1	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	1.3	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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 PROJECT NO: 130685-1700
 LOCATION: ENTERPRISE CPF
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-11

GTA PROJECT NO: 090519-13
 GTA SAMPLE NO: 3
 DATE SAMPLED: 9/5/2019
 TIME SAMPLED: 9:15 AM
 DATE RECEIVED: 9/5/2019
 TIME RECEIVED: 4:40 PM

SAMPLED BY: BJB/JSL - ECT

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	200	5.0	ug/L (PPB)	MR		9/8/2019	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	11	1.0					
Xylene(Total)	4.4	3.0					
1,2,4-Trimethylbenzene	6.2	1.0					
1,3,5-Trimethylbenzene	1.2	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
 PROJECT NO: 130685-1700
 LOCATION: ENTERPRISE CPF
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-9

GTA PROJECT NO: 090519-13
 GTA SAMPLE NO: 4
 DATE SAMPLED: 9/5/2019
 TIME SAMPLED: 10:06 AM
 DATE RECEIVED: 9/5/2019
 TIME RECEIVED: 4:40 PM

SAMPLED BY: BJB/JSL - ECT

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		9/8/2019	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: 130685-1700
 LOCATION: ENTERPRISE CPF
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-4

GTA PROJECT NO: 090519-13
 GTA SAMPLE NO: 5
 DATE SAMPLED: 9/5/2019
 TIME SAMPLED: 10:26 AM
 DATE RECEIVED: 9/5/2019
 TIME RECEIVED: 4:40 PM

SAMPLED BY: BJB/JSL - ECT

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	750	10	ug/L (PPB)	MR		9/8/2019	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	890	10					
Xylene(Total)	2,100	21					
1,2,4-Trimethylbenzene	120	10					
1,3,5-Trimethylbenzene	49	1.0					
Naphthalene	5.6	5.0					
2-Methylnaphthalene	6.1	5.0					

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
 PROJECT NO: 130685-1700
 LOCATION: ENTERPRISE CPF
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-12

GTA PROJECT NO: 090519-13
 GTA SAMPLE NO: 6
 DATE SAMPLED: 9/5/2019
 TIME SAMPLED: 10:50 AM
 DATE RECEIVED: 9/5/2019
 TIME RECEIVED: 4:40 PM

SAMPLED BY: BJB/JSL - ECT

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	500	25	ug/L (PPB)	MR		9/8/2019	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	28	1.0					
Xylene(Total)	59	3.0					
1,2,4-Trimethylbenzene	9.9	1.0					
1,3,5-Trimethylbenzene	5.3	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
 PROJECT NO: 130685-1700
 LOCATION: ENTERPRISE CPF
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-10D

GTA PROJECT NO: 090519-13
 GTA SAMPLE NO: 7
 DATE SAMPLED: 9/5/2019
 TIME SAMPLED: 11:24 AM
 DATE RECEIVED: 9/5/2019
 TIME RECEIVED: 4:40 PM

SAMPLED BY: BJB/JSL - ECT

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	21	1.0	ug/L (PPB)	MR		9/8/2019	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	63	1.0					
Xylene(Total)	4.1	3.0					
1,2,4-Trimethylbenzene	2.4	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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 PROJECT NO: 130685-1700
 LOCATION: ENTERPRISE CPF
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-10

GTA PROJECT NO: 090519-13
 GTA SAMPLE NO: 8
 DATE SAMPLED: 9/5/2019
 TIME SAMPLED: 12:01 PM
 DATE RECEIVED: 9/5/2019
 TIME RECEIVED: 4:40 PM

SAMPLED BY: BJB/JSL - ECT

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	530	25	ug/L (PPB)	MR		9/8/2019	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	150	25					
Xylene(Total)	510	51					
1,2,4-Trimethylbenzene	44	1.0					
1,3,5-Trimethylbenzene	19	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
 PROJECT NO: 130685-1700
 LOCATION: ENTERPRISE CPF
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-2

GTA PROJECT NO: 090519-13
 GTA SAMPLE NO: 9
 DATE SAMPLED: 9/5/2019
 TIME SAMPLED: 11:40 AM
 DATE RECEIVED: 9/5/2019
 TIME RECEIVED: 4:40 PM

SAMPLED BY: BJB/JSL - ECT

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		9/8/2019	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: 130685-1700
 LOCATION: ENTERPRISE CPF
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-2D

GTA PROJECT NO: 090519-13
 GTA SAMPLE NO: 10
 DATE SAMPLED: 9/5/2019
 TIME SAMPLED: 12:26 PM
 DATE RECEIVED: 9/5/2019
 TIME RECEIVED: 4:40 PM

SAMPLED BY: BJB/JSL - ECT

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	38	1.0	ug/L (PPB)	MR		9/8/2019	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	22	1.0					
Xylene(Total)	35	3.0					
1,2,4-Trimethylbenzene	4.3	1.0					
1,3,5-Trimethylbenzene	1.3	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
 PROJECT NO: 130685-1700
 LOCATION: ENTERPRISE CPF
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: DUP-2

GTA PROJECT NO: 090519-13
 GTA SAMPLE NO: 11
 DATE SAMPLED: 9/5/2019
 TIME SAMPLED:
 DATE RECEIVED: 9/5/2019
 TIME RECEIVED: 4:40 PM

SAMPLED BY: BJB/JSL - ECT

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		9/8/2019	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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CHAIN OF CUSTODY

PROJECT NUMBER <i>130685-1700</i>	SITE NAME/ADDRESS <i>Enterprise CPF</i>	COMPANY/NAME <i>LER</i>
SAMPLED BY <i>BJB/JSZ</i>	COMPANY <i>ECT</i>	GTA PROJECT # <i>090519-13</i>

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	MW-3	9/5/19	8:51	GW	BTEX + 4
2	MW-1		9:05		
3	MW-11		9:15		
4	MW-9		10:06		
5	MW-4		10:26		
6	MW-12		10:50		
7	MW-10D		11:24		
8	MW-10		12:01		
9	MW-2		11:40		
10	MW-2D		12:26		
11	DUP-2				

BILL TO:

LER

REPORT TO:

*Jeremy Penn Dowd
Nick Sommerlund*

RELEASED BY

DATE/TIME

RECEIVED BY

DATE/TIME

[Signature] 9/5/19 @ 4:40p

[Signature] 9/5/19 4:40
rec 4:00

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