



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: 2018100169.01
GTA ProjNo: 120618-10

Site Addr: NORWICH 6-10

Sampled By: JOSHUA GERRIE/GCES
Date Rec: 12/6/2018
Time Rec: 3:30 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-8	12/6/2018		WATER
2	MW-4	12/6/2018		WATER
3	MW-5	12/6/2018		WATER
4	MW-2	12/6/2018		WATER
5	MW-3	12/6/2018		WATER
6	MW-6	12/6/2018		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
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COMPANY: LAMBDA ENERGY RESOURCES, LLC
 PROJECT NO: 2018100169.01
 LOCATION: NORWICH 6-10
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-8

GTA PROJECT NO: 120618-10
 GTA SAMPLE NO: 1
 DATE SAMPLED: 12/6/2018
 TIME SAMPLED:
 DATE RECEIVED: 12/6/2018
 TIME RECEIVED: 3:30 PM

SAMPLED BY: JOSHUA GERRIE/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		12/9/2018	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

COMPANY: LAMBDA ENERGY RESOURCES, LLC
 PROJECT NO: 2018100169.01
 LOCATION: NORWICH 6-10
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-5

GTA PROJECT NO: 120618-10
 GTA SAMPLE NO: 3
 DATE SAMPLED: 12/6/2018
 TIME SAMPLED:
 DATE RECEIVED: 12/6/2018
 TIME RECEIVED: 3:30 PM

SAMPLED BY: JOSHUA GERRIE/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	11	1.0	ug/L (PPB)	MR		12/10/2018	EPA 5030B
Toluene	6.1	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: 2018100169.01
 LOCATION: NORWICH 6-10
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-2

GTA PROJECT NO: 120618-10
 GTA SAMPLE NO: 4
 DATE SAMPLED: 12/6/2018
 TIME SAMPLED:
 DATE RECEIVED: 12/6/2018
 TIME RECEIVED: 3:30 PM

SAMPLED BY: JOSHUA GERRIE/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	3.4	1.0	ug/L (PPB)	MR		12/10/2018	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: 2018100169.01
 LOCATION: NORWICH 6-10
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-3

GTA PROJECT NO: 120618-10
 GTA SAMPLE NO: 5
 DATE SAMPLED: 12/6/2018
 TIME SAMPLED:
 DATE RECEIVED: 12/6/2018
 TIME RECEIVED: 3:30 PM

SAMPLED BY: JOSHUA GERRIE/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	13	1.0	ug/L (PPB)	MR		12/10/2018	EPA 5030B
Toluene	14	1.0					
Ethylbenzene	1.7	1.0					
Xylene(Total)	3.5	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: 2018100169.01
 LOCATION: NORWICH 6-10
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-6

GTA PROJECT NO: 120618-10
 GTA SAMPLE NO: 6
 DATE SAMPLED: 12/6/2018
 TIME SAMPLED:
 DATE RECEIVED: 12/6/2018
 TIME RECEIVED: 3:30 PM

SAMPLED BY: JOSHUA GERRIE/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	2,240	50.0	ug/L (PPB)	MR		12/10/2018	EPA 5030B
Toluene	2,980	50.0					
Ethylbenzene	200	50.0					
Xylene(Total)	546	150.0					
1,2,4-Trimethylbenzene	6.5	1.0					
1,3,5-Trimethylbenzene	3.6	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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CHAIN OF CUSTODY

PROJECT NUMBER <i>2018100169.01</i>	SITE NAME/ADDRESS <i>Norwich C-10</i>	COMPANY/NAME <i>Lambda Energy Resources</i>
SAMPLED BY <i>Joshua Gervie</i>	COMPANY <i>Gosling Lubal</i>	GTA PROJECT # <i>120618-10</i>

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
<i>1</i>	<i>MW-8</i>	<i>12-6-18</i>		<i>GW</i>	<i>BTEX+4 + Chloride</i>
<i>2</i>	<i>MW-4</i>	↓		↓	↓
<i>3</i>	<i>MW-5</i>				
<i>4</i>	<i>MW-2</i>				
<i>5</i>	<i>MW-3</i>				
<i>6</i>	<i>MW-6</i>				

BILL TO:

GLCS

REPORT TO:

Jeff Simsa

RELEASED BY

DATE/TIME

Jeff Simsa *12-6-18/1530*

RECEIVED BY

DATE/TIME

JS *12/6/18 1530*
received

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