

**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: 2018100153.01

GTA ProjNo: 120319-4

Site Addr: NORWICH 4-156 WELL SITE

Sampled By: JOSHUA GERRIE/GCES

Date Rec: 12/3/2019

Time Rec: 3:25 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-4D	12/2/2019		WATER
2	MW-15	12/2/2019		WATER
3	MW-5	12/2/2019		WATER
4	MW-1	12/2/2019		WATER
5	MW-22	12/2/2019		WATER
6	MW-23	12/2/2019		WATER
7	MW-10	12/2/2019		WATER
8	MW-16	12/2/2019		WATER
9	MW-20	12/2/2019		WATER
10	MW-21	12/2/2019		WATER
11	MW-6	12/2/2019		WATER
12	MW-19	12/2/2019		WATER
13	MW-13	12/2/2019		WATER
14	MW-17	12/2/2019		WATER
15	MW-18	12/2/2019		WATER
16	MW-24	12/3/2019		WATER
17	GS-1	12/3/2019		WATER
18	GS-13	12/3/2019		WATER
19	GS-14	12/3/2019		WATER
20	SUMP #1	12/3/2019		WATER
21	MW-11D	12/3/2019		WATER
22	MW-11S	12/3/2019		WATER
23	MW-9D	12/3/2019		WATER
24	MW-3	12/3/2019		WATER
25	MW-14 (40')	12/3/2019		WATER
26	MW-14 (8')	12/3/2019		WATER
27	MW-7 (8')	12/3/2019		WATER
28	MW-7 (40')	12/3/2019		WATER
29	MW-8 (20')	12/3/2019		WATER
30	MW-8 (5')	12/3/2019		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

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100153.01
LOCATION: NORWICH 4-156 WELL SITE
MI
SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 120319-4
GTA SAMPLE NO: 1
DATE SAMPLED: 12/2/2019
TIME SAMPLED:
DATE RECEIVED: 12/3/2019
TIME RECEIVED: 3:25 PM

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
	SAMPLE ID: MW-4D CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	LV	12/4/2019	WATER

ND = NOT DETECTED, RESULT < LOD
LOD = LIMIT OF DETECTION
s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100153.01
LOCATION: NORWICH 4-156 WELL SITE
MI
SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 120319-4
GTA SAMPLE NO: 2
DATE SAMPLED: 12/2/2019
TIME SAMPLED:
DATE RECEIVED: 12/3/2019
TIME RECEIVED: 3:25 PM

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
	SAMPLE ID: MW-15 CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	LV	12/4/2019	WATER

ND = NOT DETECTED, RESULT < LOD
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s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100153.01
LOCATION: NORWICH 4-156 WELL SITE
MI
SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 120319-4
GTA SAMPLE NO: 3
DATE SAMPLED: 12/2/2019
TIME SAMPLED:
DATE RECEIVED: 12/3/2019
TIME RECEIVED: 3:25 PM

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
	SAMPLE ID: MW-5 CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	LV	12/4/2019	WATER

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100153.01
LOCATION: NORWICH 4-156 WELL SITE
MI
SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 120319-4
GTA SAMPLE NO: 4
DATE SAMPLED: 12/2/2019
TIME SAMPLED:
DATE RECEIVED: 12/3/2019
TIME RECEIVED: 3:25 PM

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
SAMPLE ID: MW-1							
CHLORIDE EPA 300.0		ND	10	mg/L (PPM)	LV	12/4/2019	WATER

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100153.01
LOCATION: NORWICH 4-156 WELL SITE
MI
SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 120319-4
GTA SAMPLE NO: 5
DATE SAMPLED: 12/2/2019
TIME SAMPLED:
DATE RECEIVED: 12/3/2019
TIME RECEIVED: 3:25 PM

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
SAMPLE ID: MW-22							
CHLORIDE EPA 300.0		59	10	mg/L (PPM)	LV	12/4/2019	WATER

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100153.01
LOCATION: NORWICH 4-156 WELL SITE
MI
SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 120319-4
GTA SAMPLE NO: 6
DATE SAMPLED: 12/2/2019
TIME SAMPLED:
DATE RECEIVED: 12/3/2019
TIME RECEIVED: 3:25 PM

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
SAMPLE ID: MW-23							
CHLORIDE EPA 300.0		73	10	mg/L (PPM)	LV	12/4/2019	WATER

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100153.01
LOCATION: NORWICH 4-156 WELL SITE
MI
SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 120319-4
GTA SAMPLE NO: 7
DATE SAMPLED: 12/2/2019
TIME SAMPLED:
DATE RECEIVED: 12/3/2019
TIME RECEIVED: 3:25 PM

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
	SAMPLE ID: MW-10 CHLORIDE EPA 300.0	28	10	mg/L (PPM)	LV	12/4/2019	WATER

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100153.01
LOCATION: NORWICH 4-156 WELL SITE
MI
SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 120319-4
GTA SAMPLE NO: 8
DATE SAMPLED: 12/2/2019
TIME SAMPLED:
DATE RECEIVED: 12/3/2019
TIME RECEIVED: 3:25 PM

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
SAMPLE ID: MW-16							
CHLORIDE EPA 300.0		78	10	mg/L (PPM)	LV	12/4/2019	WATER

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100153.01
LOCATION: NORWICH 4-156 WELL SITE
MI
SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 120319-4
GTA SAMPLE NO: 9
DATE SAMPLED: 12/2/2019
TIME SAMPLED:
DATE RECEIVED: 12/3/2019
TIME RECEIVED: 3:25 PM

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
SAMPLE ID: MW-20							
CHLORIDE EPA 300.0		420	10	mg/L (PPM)	LV	12/4/2019	WATER

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100153.01
LOCATION: NORWICH 4-156 WELL SITE
MI
SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 120319-4
GTA SAMPLE NO: 10
DATE SAMPLED: 12/2/2019
TIME SAMPLED:
DATE RECEIVED: 12/3/2019
TIME RECEIVED: 3:25 PM

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
SAMPLE ID: MW-21							
CHLORIDE EPA 300.0		110	10	mg/L (PPM)	LV	12/4/2019	WATER

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100153.01
LOCATION: NORWICH 4-156 WELL SITE
MI
SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 120319-4
GTA SAMPLE NO: 11
DATE SAMPLED: 12/2/2019
TIME SAMPLED:
DATE RECEIVED: 12/3/2019
TIME RECEIVED: 3:25 PM

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
SAMPLE ID: MW-6							
CHLORIDE EPA 300.0		140	10	mg/L (PPM)	LV	12/4/2019	WATER

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COMPANY:	LAMBDA ENERGY RESOURCES, LLC	GTA PROJECT NO:	120319-4
PROJECT NO:	2018100153.01	GTA SAMPLE NO:	12
LOCATION:	NORWICH 4-156 WELL SITE	DATE SAMPLED:	12/2/2019
		TIME SAMPLED:	
		DATE RECEIVED:	12/3/2019
		TIME RECEIVED:	3:25 PM
	MI		
SAMPLED BY:	JOSHUA GERRIE/GCES		

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
	SAMPLE ID: MW-19						
	CHLORIDE EPA 300.0	500	10	mg/L (PPM)	LV	12/4/2019	WATER

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100153.01
LOCATION: NORWICH 4-156 WELL SITE
MI
SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 120319-4
GTA SAMPLE NO: 13
DATE SAMPLED: 12/2/2019
TIME SAMPLED:
DATE RECEIVED: 12/3/2019
TIME RECEIVED: 3:25 PM

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
	SAMPLE ID: MW-13						
	CHLORIDE EPA 300.0	480	10	mg/L (PPM)	LV	12/4/2019	WATER

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COMPANY: LAMBDA ENERGY RESOURCES, LLC

GTA PROJECT NO: 120319-4

PROJECT NO: 2018100153.01

GTA SAMPLE NO: 14

LOCATION: NORWICH 4-156 WELL SITE

DATE SAMPLED: 12/2/2019

TIME SAMPLED:

DATE RECEIVED: 12/3/2019

TIME RECEIVED: 3:25 PM

MI

SAMPLED BY: JOSHUA GERRIE/GCES

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-17

CHLORIDE EPA 300.0

Concentration

LOD

Units

Analyst

Date

Sample

570

10

mg/L (PPM)

LV

12/6/2019

WATER

ND = NOT DETECTED, RESULT < LOD

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100153.01
LOCATION: NORWICH 4-156 WELL SITE
MI
SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 120319-4
GTA SAMPLE NO: 15
DATE SAMPLED: 12/2/2019
TIME SAMPLED:
DATE RECEIVED: 12/3/2019
TIME RECEIVED: 3:25 PM

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
SAMPLE ID: MW-18							
CHLORIDE EPA 300.0		1,200	50	mg/L (PPM)	LV	12/6/2019	WATER

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100153.01
LOCATION: NORWICH 4-156 WELL SITE
MI
SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 120319-4
GTA SAMPLE NO: 16
DATE SAMPLED: 12/3/2019
TIME SAMPLED:
DATE RECEIVED: 12/3/2019
TIME RECEIVED: 3:25 PM

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
	SAMPLE ID: MW-24 CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	LV	12/6/2019	WATER

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100153.01
LOCATION: NORWICH 4-156 WELL SITE
MI
SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 120319-4
GTA SAMPLE NO: 17
DATE SAMPLED: 12/3/2019
TIME SAMPLED:
DATE RECEIVED: 12/3/2019
TIME RECEIVED: 3:25 PM

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
	SAMPLE ID: GS-1						
	CHLORIDE EPA 300.0	49	10	mg/L (PPM)	LV	12/6/2019	WATER

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100153.01
LOCATION: NORWICH 4-156 WELL SITE
MI
SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 120319-4
GTA SAMPLE NO: 18
DATE SAMPLED: 12/3/2019
TIME SAMPLED:
DATE RECEIVED: 12/3/2019
TIME RECEIVED: 3:25 PM

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
SAMPLE ID: GS-13							
CHLORIDE EPA 300.0		48	10	mg/L (PPM)	LV	12/6/2019	WATER

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100153.01
LOCATION: NORWICH 4-156 WELL SITE
MI
SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 120319-4
GTA SAMPLE NO: 19
DATE SAMPLED: 12/3/2019
TIME SAMPLED:
DATE RECEIVED: 12/3/2019
TIME RECEIVED: 3:25 PM

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
	SAMPLE ID: GS-14						
	CHLORIDE EPA 300.0	40	10	mg/L (PPM)	LV	12/6/2019	WATER

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**INDEPENDENT TESTING LAB**

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100153.01
LOCATION: NORWICH 4-156 WELL SITE
MI
SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 120319-4
GTA SAMPLE NO: 20
DATE SAMPLED: 12/3/2019
TIME SAMPLED:
DATE RECEIVED: 12/3/2019
TIME RECEIVED: 3:25 PM

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
SAMPLE ID: SUMP #1							
CHLORIDE EPA 300.0		140	10	mg/L (PPM)	LV	12/6/2019	WATER

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100153.01
LOCATION: NORWICH 4-156 WELL SITE
MI
SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 120319-4
GTA SAMPLE NO: 21
DATE SAMPLED: 12/3/2019
TIME SAMPLED:
DATE RECEIVED: 12/3/2019
TIME RECEIVED: 3:25 PM

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
	SAMPLE ID: MW-11D CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	LV	12/6/2019	WATER

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COMPANY: LAMBDA ENERGY RESOURCES, LLC

GTA PROJECT NO: 120319-4

PROJECT NO: 2018100153.01

GTA SAMPLE NO: 22

LOCATION: NORWICH 4-156 WELL SITE

DATE SAMPLED: 12/3/2019

TIME SAMPLED:

DATE RECEIVED: 12/3/2019

TIME RECEIVED: 3:25 PM

MI

SAMPLED BY: JOSHUA GERRIE/GCES

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
	SAMPLE ID: MW-11S						
	CHLORIDE EPA 300.0	230	10	mg/L (PPM)	LV	12/6/2019	WATER

ND = NOT DETECTED, RESULT < LOD

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100153.01
LOCATION: NORWICH 4-156 WELL SITE
MI
SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 120319-4
GTA SAMPLE NO: 23
DATE SAMPLED: 12/3/2019
TIME SAMPLED:
DATE RECEIVED: 12/3/2019
TIME RECEIVED: 3:25 PM

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
	SAMPLE ID: MW-9D CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	LV	12/6/2019	WATER

ND = NOT DETECTED, RESULT < LOD
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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100153.01
LOCATION: NORWICH 4-156 WELL SITE
MI
SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 120319-4
GTA SAMPLE NO: 24
DATE SAMPLED: 12/3/2019
TIME SAMPLED:
DATE RECEIVED: 12/3/2019
TIME RECEIVED: 3:25 PM

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
SAMPLE ID: MW-3							
CHLORIDE EPA 300.0		120	10	mg/L (PPM)	LV	12/6/2019	WATER

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100153.01
LOCATION: NORWICH 4-156 WELL SITE
MI
SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 120319-4
GTA SAMPLE NO: 25
DATE SAMPLED: 12/3/2019
TIME SAMPLED:
DATE RECEIVED: 12/3/2019
TIME RECEIVED: 3:25 PM

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
	SAMPLE ID: MW-14 (40')						
	CHLORIDE EPA 300.0	37	10	mg/L (PPM)	LV	12/6/2019	WATER

ND = NOT DETECTED, RESULT < LOD
LOD = LIMIT OF DETECTION
s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100153.01
LOCATION: NORWICH 4-156 WELL SITE
MI
SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 120319-4
GTA SAMPLE NO: 26
DATE SAMPLED: 12/3/2019
TIME SAMPLED:
DATE RECEIVED: 12/3/2019
TIME RECEIVED: 3:25 PM

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
	SAMPLE ID: MW-14 (8')						
	CHLORIDE EPA 300.0	140	10	mg/L (PPM)	LV	12/6/2019	WATER

ND = NOT DETECTED, RESULT < LOD
LOD = LIMIT OF DETECTION
s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100153.01
LOCATION: NORWICH 4-156 WELL SITE
MI
SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 120319-4
GTA SAMPLE NO: 27
DATE SAMPLED: 12/3/2019
TIME SAMPLED:
DATE RECEIVED: 12/3/2019
TIME RECEIVED: 3:25 PM

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
	SAMPLE ID: MW-7 (8')						
	CHLORIDE EPA 300.0	260	10	mg/L (PPM)	LV	12/6/2019	WATER

ND = NOT DETECTED, RESULT < LOD
LOD = LIMIT OF DETECTION
s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100153.01
LOCATION: NORWICH 4-156 WELL SITE
MI
SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 120319-4
GTA SAMPLE NO: 28
DATE SAMPLED: 12/3/2019
TIME SAMPLED:
DATE RECEIVED: 12/3/2019
TIME RECEIVED: 3:25 PM

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
	SAMPLE ID: MW-7 (40')						
	CHLORIDE EPA 300.0	340	10	mg/L (PPM)	LV	12/6/2019	WATER

ND = NOT DETECTED, RESULT < LOD
LOD = LIMIT OF DETECTION
s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: LAMBDA ENERGY RESOURCES, LLC

GTA PROJECT NO: 120319-4

PROJECT NO: 2018100153.01

GTA SAMPLE NO: 29

LOCATION: NORWICH 4-156 WELL SITE

DATE SAMPLED: 12/3/2019

TIME SAMPLED:

DATE RECEIVED: 12/3/2019

TIME RECEIVED: 3:25 PM

MI

SAMPLED BY: JOSHUA GERRIE/GCES

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
	SAMPLE ID: MW-8 (20')						
	CHLORIDE EPA 300.0	39	10	mg/L (PPM)	LV	12/6/2019	WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100153.01
LOCATION: NORWICH 4-156 WELL SITE
MI
SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 120319-4
GTA SAMPLE NO: 30
DATE SAMPLED: 12/3/2019
TIME SAMPLED:
DATE RECEIVED: 12/3/2019
TIME RECEIVED: 3:25 PM

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
	SAMPLE ID: MW-8 (5')						
	CHLORIDE EPA 300.0	480	10	mg/L (PPM)	LV	12/6/2019	WATER

ND = NOT DETECTED, RESULT < LOD
LOD = LIMIT OF DETECTION
s.u. = STANDARD pH UNITS REPORTED AT 25 C

CHAIN OF CUSTODY

PROJECT NUMBER <i>2018100153.01</i>	SITE NAME/ADDRESS <i>Normich 4-156 well site</i>	COMPANY/NAME <i>Lambda Energy Resources</i>
SAMPLED BY <i>Joshua Gennie Gosling Curbak</i>	COMPANY <i>GTA PROJECT #</i>	<i>120319-4</i>

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	MW-4D	12-2-19		GW	Chloride
2	MW-15				
3	MW-5				
4	MW-1				
5	MW-22				
6	MW-23				
7	MW-10				
8	MW-16				
9	MW-20				
10	MW-21				
11	MW-6				
12	MW-19				
13	MW-13				
14	MW-17				
15	MW-18				

BILL TO:

REPORT TO:

Lambda Energy Resources

Jeff Simsa

RELEASED BY

DATE/TIME

RECEIVED BY

DATE/TIME

[Signature] 12-3-19 / 1525

[Signature] 12/3/19 1525

REQUESTED TAT

☒ STANDARD

☐ 1 BUSINESS DAY

☐ 2 BUSINESS DAYS

☐ 3 BUSINESS DAYS

Page 2 of 2

CHAIN OF CUSTODY

PROJECT NUMBER 201810053.01	SITE NAME/ADDRESS Norwich 4-156 Well Site	COMPANY/NAME Lambda Energy Resources
SAMPLED BY Joshua Gerrie	COMPANY Gasling Czubak	GTA PROJECT # 120319-4

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
16	MW-24	12-3-19		GW	Chloride
17	GS-1				
18	GS-13				
19	GS-14				
20	Sump #1				
21	MW-11 D				
22	MW-11 S				
23	MW-9 D				
24	MW-3				
25	MW-14 (40')				
26	MW-14 (8')				
27	MW-7 (8')				
28	MW-7 (40')				
29	MW-8 (20')				
30	MW-8 (5')				

BILL TO:

Lambda Energy Resources

REPORT TO:

Jeff Simsa

RELEASED BY

DATE/TIME

RECEIVED BY

DATE/TIME

12/3/19 1525 **12/3/19 1525**

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