

**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: 091319-7

Site Addr: NORWICH UNIT TRACT 4-156

Sampled By: MARK STOVER/GCES

Date Rec: 9/13/2019

Time Rec: 2:25 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-11D	9/12/2019		WATER
2	MW-9D	9/12/2019		WATER
3	MW-4D	9/12/2019		WATER
4	MW-10	9/12/2019		WATER
5	MW-15	9/12/2019		WATER
6	MW-20	9/12/2019		WATER
7	MW-13	9/12/2019		WATER
8	SUMP #2	9/12/2019		WATER
9	GS-1	9/12/2019		WATER
10	GS-14	9/12/2019		WATER
11	SUMP #1	9/12/2019		WATER
12	MW-22	9/12/2019		WATER
13	MW-23	9/12/2019		WATER
14	MW-3	9/12/2019		WATER
15	MW-21	9/12/2019		WATER
16	MW-11S	9/12/2019		WATER
17	MW-16	9/12/2019		WATER
18	GS-13	9/12/2019		WATER
19	MW-19	9/12/2019		WATER
20	MW-17	9/12/2019		WATER
21	MW-18	9/12/2019		WATER
22	MW-1	9/13/2019		WATER
23	MW-8 (20')	9/13/2019		WATER
24	MW-5	9/13/2019		WATER
25	MW-14 (40')	9/13/2019		WATER
26	MW-14 (8')	9/13/2019		WATER
27	MW-6	9/13/2019		WATER
28	MW-7 (8')	9/13/2019		WATER
29	MW-8 (5')	9/13/2019		WATER
30	MW-7 (40')	9/13/2019		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
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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100153.01
LOCATION: NORWICH UNIT TRACT 4-156
MI
SAMPLED BY: MARK STOVER/GCES

GTA PROJECT NO: 091319-7
GTA SAMPLE NO: 1
DATE SAMPLED: 9/12/2019
TIME SAMPLED:
DATE RECEIVED: 9/13/2019
TIME RECEIVED: 2:25 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	9/18/2019	WATER

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

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PROJECT NO: 2018100153.01
LOCATION: NORWICH UNIT TRACT 4-156
MI
SAMPLED BY: MARK STOVER/GCES

GTA PROJECT NO: 091319-7
GTA SAMPLE NO: 2
DATE SAMPLED: 9/12/2019
TIME SAMPLED:
DATE RECEIVED: 9/13/2019
TIME RECEIVED: 2:25 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	9/18/2019	WATER

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LOCATION: NORWICH UNIT TRACT 4-156
MI
SAMPLED BY: MARK STOVER/GCES

GTA PROJECT NO: 091319-7
GTA SAMPLE NO: 3
DATE SAMPLED: 9/12/2019
TIME SAMPLED:
DATE RECEIVED: 9/13/2019
TIME RECEIVED: 2:25 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	9/18/2019	WATER

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100153.01
LOCATION: NORWICH UNIT TRACT 4-156
MI
SAMPLED BY: MARK STOVER/GCES

GTA PROJECT NO: 091319-7
GTA SAMPLE NO: 4
DATE SAMPLED: 9/12/2019
TIME SAMPLED:
DATE RECEIVED: 9/13/2019
TIME RECEIVED: 2:25 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		91	10	mg/L (PPM)	LV	9/18/2019	WATER
CHLORIDE EPA 300.0							

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100153.01
LOCATION: NORWICH UNIT TRACT 4-156
MI
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GTA PROJECT NO: 091319-7
GTA SAMPLE NO: 5
DATE SAMPLED: 9/12/2019
TIME SAMPLED:
DATE RECEIVED: 9/13/2019
TIME RECEIVED: 2:25 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	9/18/2019	WATER

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LOCATION: NORWICH UNIT TRACT 4-156
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GTA PROJECT NO: 091319-7
GTA SAMPLE NO: 6
DATE SAMPLED: 9/12/2019
TIME SAMPLED:
DATE RECEIVED: 9/13/2019
TIME RECEIVED: 2:25 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		110	10	mg/L (PPM)	LV	9/18/2019	WATER

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COMPANY: LAMBDA ENERGY RESOURCES, LLC

GTA PROJECT NO: 091319-7

PROJECT NO: 2018100153.01

GTA SAMPLE NO: 7

LOCATION: NORWICH UNIT TRACT 4-156

DATE SAMPLED: 9/12/2019

TIME SAMPLED:

DATE RECEIVED: 9/13/2019

TIME RECEIVED: 2:25 PM

MI

SAMPLED BY: MARK STOVER/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-13							
CHLORIDE EPA 300.0		630	20	mg/L (PPM)	LV	9/20/2019	WATER

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PROJECT NO: 2018100153.01
LOCATION: NORWICH UNIT TRACT 4-156
MI
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GTA PROJECT NO: 091319-7
GTA SAMPLE NO: 8
DATE SAMPLED: 9/12/2019
TIME SAMPLED:
DATE RECEIVED: 9/13/2019
TIME RECEIVED: 2:25 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 #2							
CHLORIDE EPA 300.0		120	10	mg/L (PPM)	LV	9/20/2019	WATER

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SAMPLED BY: MARK STOVER/GCES

GTA PROJECT NO: 091319-7
GTA SAMPLE NO: 9
DATE SAMPLED: 9/12/2019
TIME SAMPLED:
DATE RECEIVED: 9/13/2019
TIME RECEIVED: 2:25 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	170	10	mg/L (PPM)	LV	9/20/2019	WATER

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GTA PROJECT NO: 091319-7
GTA SAMPLE NO: 10
DATE SAMPLED: 9/12/2019
TIME SAMPLED:
DATE RECEIVED: 9/13/2019
TIME RECEIVED: 2:25 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		32	10	mg/L (PPM)	LV	9/20/2019	WATER

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PROJECT NO: 2018100153.01
LOCATION: NORWICH UNIT TRACT 4-156
MI
SAMPLED BY: MARK STOVER/GCES

GTA PROJECT NO: 091319-7
GTA SAMPLE NO: 11
DATE SAMPLED: 9/12/2019
TIME SAMPLED:
DATE RECEIVED: 9/13/2019
TIME RECEIVED: 2:25 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		110	10	mg/L (PPM)	LV	9/20/2019	WATER

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GTA PROJECT NO: 091319-7
GTA SAMPLE NO: 12
DATE SAMPLED: 9/12/2019
TIME SAMPLED:
DATE RECEIVED: 9/13/2019
TIME RECEIVED: 2:25 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		66	10	mg/L (PPM)	LV	9/20/2019	WATER

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PROJECT NO: 2018100153.01
LOCATION: NORWICH UNIT TRACT 4-156
MI
SAMPLED BY: MARK STOVER/GCES

GTA PROJECT NO: 091319-7
GTA SAMPLE NO: 13
DATE SAMPLED: 9/12/2019
TIME SAMPLED:
DATE RECEIVED: 9/13/2019
TIME RECEIVED: 2:25 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	78	10	mg/L (PPM)	LV	9/20/2019	WATER

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PROJECT NO: 2018100153.01
LOCATION: NORWICH UNIT TRACT 4-156
MI
SAMPLED BY: MARK STOVER/GCES

GTA PROJECT NO: 091319-7
GTA SAMPLE NO: 14
DATE SAMPLED: 9/12/2019
TIME SAMPLED:
DATE RECEIVED: 9/13/2019
TIME RECEIVED: 2:25 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	420	10	mg/L (PPM)	LV	9/20/2019	WATER

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MI
SAMPLED BY: MARK STOVER/GCES

GTA PROJECT NO: 091319-7
GTA SAMPLE NO: 15
DATE SAMPLED: 9/12/2019
TIME SAMPLED:
DATE RECEIVED: 9/13/2019
TIME RECEIVED: 2:25 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		120	10	mg/L (PPM)	LV	9/20/2019	WATER

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PROJECT NO: 2018100153.01
LOCATION: NORWICH UNIT TRACT 4-156
MI
SAMPLED BY: MARK STOVER/GCES

GTA PROJECT NO: 091319-7
GTA SAMPLE NO: 16
DATE SAMPLED: 9/12/2019
TIME SAMPLED:
DATE RECEIVED: 9/13/2019
TIME RECEIVED: 2:25 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-11S						
	CHLORIDE EPA 300.0	440	20	mg/L (PPM)	LV	9/20/2019	WATER

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100153.01
LOCATION: NORWICH UNIT TRACT 4-156
MI
SAMPLED BY: MARK STOVER/GCES

GTA PROJECT NO: 091319-7
GTA SAMPLE NO: 17
DATE SAMPLED: 9/12/2019
TIME SAMPLED:
DATE RECEIVED: 9/13/2019
TIME RECEIVED: 2:25 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		95	10	mg/L (PPM)	LV	9/20/2019	WATER

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SAMPLED BY: MARK STOVER/GCES

GTA PROJECT NO: 091319-7
GTA SAMPLE NO: 18
DATE SAMPLED: 9/12/2019
TIME SAMPLED:
DATE RECEIVED: 9/13/2019
TIME RECEIVED: 2:25 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		150	10	mg/L (PPM)	LV	9/20/2019	WATER

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LOCATION: NORWICH UNIT TRACT 4-156
MI
SAMPLED BY: MARK STOVER/GCES

GTA PROJECT NO: 091319-7
GTA SAMPLE NO: 19
DATE SAMPLED: 9/12/2019
TIME SAMPLED:
DATE RECEIVED: 9/13/2019
TIME RECEIVED: 2:25 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-19							
CHLORIDE EPA 300.0		540	10	mg/L (PPM)	LV	9/20/2019	WATER

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100153.01
LOCATION: NORWICH UNIT TRACT 4-156
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GTA PROJECT NO: 091319-7
GTA SAMPLE NO: 20
DATE SAMPLED: 9/12/2019
TIME SAMPLED:
DATE RECEIVED: 9/13/2019
TIME RECEIVED: 2:25 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-17							
CHLORIDE EPA 300.0		1,300	50	mg/L (PPM)	LV	9/20/2019	WATER

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PROJECT NO: 2018100153.01
LOCATION: NORWICH UNIT TRACT 4-156
MI
SAMPLED BY: MARK STOVER/GCES

GTA PROJECT NO: 091319-7
GTA SAMPLE NO: 21
DATE SAMPLED: 9/12/2019
TIME SAMPLED:
DATE RECEIVED: 9/13/2019
TIME RECEIVED: 2:25 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		1,700	50	mg/L (PPM)	LV	9/20/2019	WATER

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100153.01
LOCATION: NORWICH UNIT TRACT 4-156
MI
SAMPLED BY: MARK STOVER/GCES

GTA PROJECT NO: 091319-7
GTA SAMPLE NO: 22
DATE SAMPLED: 9/13/2019
TIME SAMPLED:
DATE RECEIVED: 9/13/2019
TIME RECEIVED: 2:25 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		51	10	mg/L (PPM)	LV	9/20/2019	WATER

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100153.01
LOCATION: NORWICH UNIT TRACT 4-156
MI
SAMPLED BY: MARK STOVER/GCES

GTA PROJECT NO: 091319-7
GTA SAMPLE NO: 23
DATE SAMPLED: 9/13/2019
TIME SAMPLED:
DATE RECEIVED: 9/13/2019
TIME RECEIVED: 2:25 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 (20')						
	CHLORIDE EPA 300.0	63	10	mg/L (PPM)	LV	9/20/2019	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 UNIT TRACT 4-156
MI
SAMPLED BY: MARK STOVER/GCES

GTA PROJECT NO: 091319-7
GTA SAMPLE NO: 24
DATE SAMPLED: 9/13/2019
TIME SAMPLED:
DATE RECEIVED: 9/13/2019
TIME RECEIVED: 2:25 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		12	10	mg/L (PPM)	LV	9/20/2019	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 UNIT TRACT 4-156
MI
SAMPLED BY: MARK STOVER/GCES

GTA PROJECT NO: 091319-7
GTA SAMPLE NO: 25
DATE SAMPLED: 9/13/2019
TIME SAMPLED:
DATE RECEIVED: 9/13/2019
TIME RECEIVED: 2:25 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	51	10	mg/L (PPM)	LV	9/20/2019	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 UNIT TRACT 4-156
MI
SAMPLED BY: MARK STOVER/GCES

GTA PROJECT NO: 091319-7
GTA SAMPLE NO: 26
DATE SAMPLED: 9/13/2019
TIME SAMPLED:
DATE RECEIVED: 9/13/2019
TIME RECEIVED: 2:25 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	130	10	mg/L (PPM)	LV	9/20/2019	WATER

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

**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
PROJECT NO: 2018100153.01
LOCATION: NORWICH UNIT TRACT 4-156
MI
SAMPLED BY: MARK STOVER/GCES

GTA PROJECT NO: 091319-7
GTA SAMPLE NO: 27
DATE SAMPLED: 9/13/2019
TIME SAMPLED:
DATE RECEIVED: 9/13/2019
TIME RECEIVED: 2:25 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	240	10	mg/L (PPM)	LV	9/20/2019	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 UNIT TRACT 4-156
MI
SAMPLED BY: MARK STOVER/GCES

GTA PROJECT NO: 091319-7
GTA SAMPLE NO: 28
DATE SAMPLED: 9/13/2019
TIME SAMPLED:
DATE RECEIVED: 9/13/2019
TIME RECEIVED: 2:25 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		370	10	mg/L (PPM)	LV	9/20/2019	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: 091319-7

PROJECT NO: 2018100153.01

GTA SAMPLE NO: 29

LOCATION: NORWICH UNIT TRACT 4-156

DATE SAMPLED: 9/13/2019

TIME SAMPLED:

DATE RECEIVED: 9/13/2019

TIME RECEIVED: 2:25 PM

MI

SAMPLED BY: MARK STOVER/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 (5')						
	CHLORIDE EPA 300.0	670	50	mg/L (PPM)	LV	9/20/2019	WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100153.01
LOCATION: NORWICH UNIT TRACT 4-156
MI
SAMPLED BY: MARK STOVER/GCES

GTA PROJECT NO: 091319-7
GTA SAMPLE NO: 30
DATE SAMPLED: 9/13/2019
TIME SAMPLED:
DATE RECEIVED: 9/13/2019
TIME RECEIVED: 2:25 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	450	10	mg/L (PPM)	LV	9/23/2019	WATER

ND = NOT DETECTED, RESULT < LOD
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CHAIN OF CUSTODY

PROJECT NUMBER <i>2018100153-01</i>	SITE NAME/ADDRESS <i>NORWICH UNIT TRACT 4-156</i>	COMPANY/NAME <i>LAMBDA ENERGY</i>
SAMPLED BY <i>MARK STOVER</i>	COMPANY <i>G.C.E.S.</i>	GTA PROJECT # <i>091319-7</i>

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	<i>MW-11d</i>	<i>9-12-19</i>		<i>GW</i>	<i>CHLORIDE</i>
2	<i>MW-9d</i>				
3	<i>MW-4d</i>				
4	<i>MW-10</i>				
5	<i>MW-15</i>				
6	<i>MW-20</i>				
7	<i>MW-13</i>				
8	<i>SUMP #2</i>				
9	<i>GS-1</i>				
10	<i>GS-14</i>				
11	<i>SUMP #1</i>				
12	<i>MW-22</i>				
13	<i>MW-23</i>				
14	<i>MW-3</i>				
15	<i>MW-21</i>				

BILL TO:

LAMBDA ENERGY

REPORT TO:

JEFF SIMSA

RELEASED BY

DATE/TIME

RECEIVED BY

DATE/TIME

[Signature]

9-13-19

[Signature]

9/13/19 2:25

REQUESTED TAT



STANDARD



1 BUSINESS DAY



2 BUSINESS DAYS



3 BUSINESS DAYS

CHAIN OF CUSTODY

PROJECT NUMBER <i>201810015.3.01</i>	SITE NAME/ADDRESS <i>NORWICH UNIT TRACT 4-156</i>	COMPANY/NAME <i>LAMBDA ENERGY</i>
SAMPLED BY <i>MARK STOVER</i>	COMPANY <i>G.C.E.S.</i>	GTA PROJECT # <i>091319-7</i>

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
<i>16</i>	<i>MW-115</i>	<i>9-12-19</i>		<i>GW</i>	<i>CHLORIDE</i>
<i>17</i>	<i>MW-16</i>	<i>↓</i>			
<i>18</i>	<i>GS-13</i>				
<i>19</i>	<i>MW-19</i>				
<i>20</i>	<i>MW-17</i>				
<i>21</i>	<i>MW-18</i>				
<i>22</i>	<i>MW-1</i>				
<i>23</i>	<i>MW-8 (20')</i>				
<i>24</i>	<i>MW-5</i>				
<i>25</i>	<i>MW-14 (40')</i>				
<i>26</i>	<i>MW-14 (8')</i>				
<i>27</i>	<i>MW-6</i>				
<i>28</i>	<i>MW-7 (8')</i>				
<i>29</i>	<i>MW-8 (5')</i>				
<i>30</i>	<i>MW-7 (40')</i>	<i>↓</i>		<i>↓</i>	<i>↓</i>

BILL TO:

LAMBDA ENERGY

REPORT TO:

JEFF SIMSA

RELEASED BY

DATE/TIME

9-13-19

RECEIVED BY

DATE/TIME

9/13/19 1:35

REQUESTED TAT

☒ **STANDARD**

☐ **1 BUSINESS DAY**

☐ **2 BUSINESS DAYS**

☐ **3 BUSINESS DAYS**