

**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: 092518-3

Site Addr: NORWICH 4-156 WELL SITE

Sampled By: JG/MK - GCES

Date Rec: 9/25/2018

Time Rec: 9:25 AM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-10	9/24/2018		WATER
2	MW-5	9/24/2018		WATER
3	MW-1	9/24/2018		WATER
4	MW-14 (8')	9/24/2018		WATER
5	MW-3	9/24/2018		WATER
6	MW-6	9/24/2018		WATER
7	MW-8 (20')	9/24/2018		WATER
8	MW-8 (5')	9/24/2018		WATER
9	MW-11S	9/24/2018		WATER
10	SUMP #2	9/24/2018		WATER
11	SUMP #1	9/24/2018		WATER
12	GS-13	9/24/2018		WATER
13	GS-1	9/24/2018		WATER
14	MW-7 (8')	9/24/2018		WATER
15	MW-13	9/24/2018		WATER
16	MW-19	9/24/2018	11:40 AM	WATER
17	MW-18	9/24/2018	12:18 PM	WATER
18	MW-17	9/24/2018	12:53 PM	WATER
19	MW-16	9/24/2018	1:30 PM	WATER
20	MW-15	9/24/2018	1:55 PM	WATER
21	MW-9D	9/24/2018	2:30 PM	WATER
22	MW-4D	9/24/2018	3:00 PM	WATER
23	MW-11D	9/24/2018	3:25 PM	WATER
24	MW-14 (40')	9/24/2018	3:50 AM	WATER
25	MW-7 (40')	9/24/2018	4:15 PM	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
830 Robinwood Court
Traverse City, MI 49686
Ph: 231-929-0905
Fx: 231-929-0894
SP: 231-590-0291
kirk@gtanalytical.com

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

GTA PROJECT NO: 092518-3
GTA SAMPLE NO: 1
DATE SAMPLED: 9/24/2018
TIME SAMPLED:
DATE RECEIVED: 9/25/2018
TIME RECEIVED: 9:25 AM

INORGANICS

<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	243	5.0	mg/L (PPM)	LV	10/1/2018	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 4-156 WELL SITE
MI
SAMPLED BY: JG/MK - GCES

GTA PROJECT NO: 092518-3
GTA SAMPLE NO: 2
DATE SAMPLED: 9/24/2018
TIME SAMPLED:
DATE RECEIVED: 9/25/2018
TIME RECEIVED: 9:25 AM

INORGANICS

<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	12.5	2.5	mg/L (PPM)	LV	10/1/2018	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: JG/MK - GCES

GTA PROJECT NO: 092518-3
GTA SAMPLE NO: 3
DATE SAMPLED: 9/24/2018
TIME SAMPLED:
DATE RECEIVED: 9/25/2018
TIME RECEIVED: 9:25 AM

INORGANICS

<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	99.0	2.5	mg/L (PPM)	LV	10/1/2018	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: JG/MK - GCES

GTA PROJECT NO: 092518-3
GTA SAMPLE NO: 4
DATE SAMPLED: 9/24/2018
TIME SAMPLED:
DATE RECEIVED: 9/25/2018
TIME RECEIVED: 9:25 AM

INORGANICS

<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	139	2.5	mg/L (PPM)	LV	10/1/2018	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 4-156 WELL SITE
MI
SAMPLED BY: JG/MK - GCES

GTA PROJECT NO: 092518-3
GTA SAMPLE NO: 5
DATE SAMPLED: 9/24/2018
TIME SAMPLED:
DATE RECEIVED: 9/25/2018
TIME RECEIVED: 9:25 AM

INORGANICS

<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	356	5.0	mg/L (PPM)	LV	10/1/2018	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: JG/MK - GCES

GTA PROJECT NO: 092518-3
GTA SAMPLE NO: 6
DATE SAMPLED: 9/24/2018
TIME SAMPLED:
DATE RECEIVED: 9/25/2018
TIME RECEIVED: 9:25 AM

INORGANICS

<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		288	2.5	mg/L (PPM)	LV	10/1/2018	WATER
CHLORIDE EPA 300.0							

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: JG/MK - GCES

GTA PROJECT NO: 092518-3
GTA SAMPLE NO: 7
DATE SAMPLED: 9/24/2018
TIME SAMPLED:
DATE RECEIVED: 9/25/2018
TIME RECEIVED: 9:25 AM

INORGANICS

<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	82.6	2.5	mg/L (PPM)	LV	10/1/2018	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: JG/MK - GCES

GTA PROJECT NO: 092518-3
GTA SAMPLE NO: 8
DATE SAMPLED: 9/24/2018
TIME SAMPLED:
DATE RECEIVED: 9/25/2018
TIME RECEIVED: 9:25 AM

INORGANICS

<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	832	50	mg/L (PPM)	LV	10/1/2018	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: JG/MK - GCES

GTA PROJECT NO: 092518-3
GTA SAMPLE NO: 9
DATE SAMPLED: 9/24/2018
TIME SAMPLED:
DATE RECEIVED: 9/25/2018
TIME RECEIVED: 9:25 AM

INORGANICS

<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		1,560	50	mg/L (PPM)	LV	10/1/2018	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: JG/MK - GCES

GTA PROJECT NO: 092518-3
GTA SAMPLE NO: 10
DATE SAMPLED: 9/24/2018
TIME SAMPLED:
DATE RECEIVED: 9/25/2018
TIME RECEIVED: 9:25 AM

INORGANICS

<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	340	2.5	mg/L (PPM)	LV	10/1/2018	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: JG/MK - GCES

GTA PROJECT NO: 092518-3
GTA SAMPLE NO: 11
DATE SAMPLED: 9/24/2018
TIME SAMPLED:
DATE RECEIVED: 9/25/2018
TIME RECEIVED: 9:25 AM

INORGANICS

<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		302	5.0	mg/L (PPM)	LV	10/1/2018	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: JG/MK - GCES

GTA PROJECT NO: 092518-3
GTA SAMPLE NO: 12
DATE SAMPLED: 9/24/2018
TIME SAMPLED:
DATE RECEIVED: 9/25/2018
TIME RECEIVED: 9:25 AM

INORGANICS

<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	606	10	mg/L (PPM)	LV	10/1/2018	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: JG/MK - GCES

GTA PROJECT NO: 092518-3
GTA SAMPLE NO: 13
DATE SAMPLED: 9/24/2018
TIME SAMPLED:
DATE RECEIVED: 9/25/2018
TIME RECEIVED: 9:25 AM

INORGANICS

<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	653	10	mg/L (PPM)	LV	10/1/2018	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: JG/MK - GCES

GTA PROJECT NO: 092518-3
GTA SAMPLE NO: 14
DATE SAMPLED: 9/24/2018
TIME SAMPLED:
DATE RECEIVED: 9/25/2018
TIME RECEIVED: 9:25 AM

INORGANICS

<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	219	2.5	mg/L (PPM)	LV	10/1/2018	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: JG/MK - GCES

GTA PROJECT NO: 092518-3
GTA SAMPLE NO: 15
DATE SAMPLED: 9/24/2018
TIME SAMPLED:
DATE RECEIVED: 9/25/2018
TIME RECEIVED: 9:25 AM

INORGANICS

<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	1,020	50	mg/L (PPM)	LV	10/2/2018	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: 092518-3

PROJECT NO: 2018100153.01

GTA SAMPLE NO: 16

LOCATION: NORWICH 4-156 WELL SITE

DATE SAMPLED: 9/24/2018

TIME SAMPLED: 11:40 AM

DATE RECEIVED: 9/25/2018

TIME RECEIVED: 9:25 AM

MI

SAMPLED BY: JG/MK - GCES

INORGANICS

No: Analysis

SAMPLE ID: MW-19

CHLORIDE EPA 300.0

Concentration

LOD

Units

Analyst

Date

Sample

773

50

mg/L (PPM)

LV

10/2/2018

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: 092518-3
 PROJECT NO: 2018100153.01 GTA SAMPLE NO: 17
 LOCATION: NORWICH 4-156 WELL SITE DATE SAMPLED: 9/24/2018
 TIME SAMPLED: 12:18 PM
 DATE RECEIVED: 9/25/2018
 TIME RECEIVED: 9:25 AM
 MI
 SAMPLED BY: JG/MK - GCES

INORGANICS

<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		2,360	50	mg/L (PPM)	LV	10/2/2018	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: JG/MK - GCES

GTA PROJECT NO: 092518-3
GTA SAMPLE NO: 18
DATE SAMPLED: 9/24/2018
TIME SAMPLED: 12:53 PM
DATE RECEIVED: 9/25/2018
TIME RECEIVED: 9:25 AM

INORGANICS

<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	1,960	50	mg/L (PPM)	LV	10/2/2018	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: JG/MK - GCES

GTA PROJECT NO: 092518-3
GTA SAMPLE NO: 19
DATE SAMPLED: 9/24/2018
TIME SAMPLED: 1:30 PM
DATE RECEIVED: 9/25/2018
TIME RECEIVED: 9:25 AM

INORGANICS

<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	661	20	mg/L (PPM)	LV	10/2/2018	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: JG/MK - GCES

GTA PROJECT NO: 092518-3
GTA SAMPLE NO: 20
DATE SAMPLED: 9/24/2018
TIME SAMPLED: 1:55 PM
DATE RECEIVED: 9/25/2018
TIME RECEIVED: 9:25 AM

INORGANICS

<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	18.8	2.5	mg/L (PPM)	LV	10/2/2018	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:	092518-3
PROJECT NO:	2018100153.01	GTA SAMPLE NO:	21
LOCATION:	NORWICH 4-156 WELL SITE	DATE SAMPLED:	9/24/2018
		TIME SAMPLED:	2:30 PM
		DATE RECEIVED:	9/25/2018
		TIME RECEIVED:	9:25 AM
	MI		
SAMPLED BY:	JG/MK - GCES		

INORGANICS

<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	7.2	2.5	mg/L (PPM)	LV	10/2/2018	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 4-156 WELL SITE
MI
SAMPLED BY: JG/MK - GCES

GTA PROJECT NO: 092518-3
GTA SAMPLE NO: 22
DATE SAMPLED: 9/24/2018
TIME SAMPLED: 3:00 PM
DATE RECEIVED: 9/25/2018
TIME RECEIVED: 9:25 AM

INORGANICS

<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	12.1	2.5	mg/L (PPM)	LV	10/2/2018	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: JG/MK - GCES

GTA PROJECT NO: 092518-3
GTA SAMPLE NO: 23
DATE SAMPLED: 9/24/2018
TIME SAMPLED: 3:25 PM
DATE RECEIVED: 9/25/2018
TIME RECEIVED: 9:25 AM

INORGANICS

<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	2.5	mg/L (PPM)	LV	10/2/2018	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: JG/MK - GCES

GTA PROJECT NO: 092518-3
GTA SAMPLE NO: 24
DATE SAMPLED: 9/24/2018
TIME SAMPLED: 3:50 AM
DATE RECEIVED: 9/25/2018
TIME RECEIVED: 9:25 AM

INORGANICS

<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	54.2	2.5	mg/L (PPM)	LV	10/2/2018	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: JG/MK - GCES

GTA PROJECT NO: 092518-3
GTA SAMPLE NO: 25
DATE SAMPLED: 9/24/2018
TIME SAMPLED: 4:15 PM
DATE RECEIVED: 9/25/2018
TIME RECEIVED: 9:25 AM

INORGANICS

<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	865	50	mg/L (PPM)	LV	10/2/2018	WATER

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

CHAIN OF CUSTODY

#1052

PROJECT NUMBER 2010100153.01	SITE NAME/ADDRESS Norwich 4-156 Well site	COMPANY/NAME Lambda Energy Resources
SAMPLED BY Joshua Gervie	COMPANY Gasling Czubak	GTA PROJECT # 092518-3

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	MW-10	9-24-18		GW	Chloride
2	MW-5				
3	MW-1				
4	MW-14(8')				
5	MW-3				
6	MW-6				
7	MW-8(20')				
8	MW-8(5')				
9	MW-11S				
10	Scmp #2				
11	Scmp #1				
12	GS-13				
13	GS-1				
14	MW-7(8')				
15	MW-13				

BILL TO:

GLCS

REPORT TO:

Jeff Simson

RELEASED BY

DATE/TIME

RECEIVED BY

DATE/TIME

9-25-18 9:20

Trevor Paul 9-25-18 9:25am

REQUESTED TAT

☒ STANDARD

☐ 1 BUSINESS DAY

☐ 2 BUSINESS DAYS

☐ 3 BUSINESS DAYS

CHAIN OF CUSTODY

#2 of 2

PROJECT NUMBER 2018100153 01	SITE NAME/ADDRESS Norwich 4156	COMPANY/NAME Lambda Energy Resources, LLC
SAMPLED BY MK	COMPANY GCEs	GTA PROJECT # C92518-3

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
16	MW-19	9-24-18	11:40	GW	Chloride
17	MW-18		12:18		
18	MW-17		12:53		
19	MW-16		1:30		
20	MW-15		1:55		
21	MW 9d		2:30		
22	MW 4d		3:00		
23	MW 11d		3:25		
24	MW 14/40'		3:50		
25	MW 7/40'		4:15		

BILL TO:

G.C.E.S

REPORT TO:

RELEASED BY <i>[Signature]</i>	DATE/TIME 9-25-18 9:20	RECEIVED BY <i>[Signature]</i>	DATE/TIME 9-25-18 9:25am

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