

**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: 2018100168.01

GTA ProjNo: 031720-9

Site Addr: JOHNSON-HILLIARD 7-26

Sampled By: JOSHUA GERRIE/GCES

Date Rec: 3/17/2020

Time Rec: 4:10 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-3D	3/16/2020		WATER
2	MW-14I	3/16/2020		WATER
3	MW-10	3/16/2020		WATER
4	MW-14D	3/16/2020		WATER
5	MW-15D	3/16/2020		WATER
6	MW-15I	3/16/2020		WATER
7	MW-18	3/16/2020		WATER
8	MW-16	3/16/2020		WATER
9	MW-19	3/16/2020		WATER
10	MW-17	3/16/2020		WATER
11	MW-1D (30')	3/17/2020		WATER
12	MW-2I	3/17/2020		WATER
13	MW-1D (52')	3/17/2020		WATER
14	MW-11S	3/17/2020		WATER
15	MW-11I	3/17/2020		WATER
16	MW-12S	3/17/2020		WATER
17	MW-12D	3/17/2020		WATER
18	MW-13D	3/17/2020		WATER
19	MW-2D	3/17/2020		WATER
20	MW-13I	3/17/2020		WATER
21	MW-11D	3/17/2020		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
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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100168.01
LOCATION: JOHNSON-HILLIARD 7-26
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-11S

GTA PROJECT NO: 031720-9
GTA SAMPLE NO: 14
DATE SAMPLED: 3/17/2020
TIME SAMPLED:
DATE RECEIVED: 3/17/2020
TIME RECEIVED: 4:10 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		3/18/2020	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

COMPANY:	LAMBDA ENERGY RESOURCES, LLC	GTA PROJECT NO:	031720-9
PROJECT NO:	2018100168.01	GTA SAMPLE NO:	15
LOCATION:	JOHNSON-HILLIARD 7-26	DATE SAMPLED:	3/17/2020
		TIME SAMPLED:	
	MI	DATE RECEIVED:	3/17/2020
		TIME RECEIVED:	4:10 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-11I	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		3/18/2020	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					

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: 2018100168.01
LOCATION: JOHNSON-HILLIARD 7-26
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-12S

GTA PROJECT NO: 031720-9
GTA SAMPLE NO: 16
DATE SAMPLED: 3/17/2020
TIME SAMPLED:
DATE RECEIVED: 3/17/2020
TIME RECEIVED: 4:10 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		3/18/2020	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					

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: 2018100168.01
LOCATION: JOHNSON-HILLIARD 7-26
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-12D

GTA PROJECT NO: 031720-9
GTA SAMPLE NO: 17
DATE SAMPLED: 3/17/2020
TIME SAMPLED:
DATE RECEIVED: 3/17/2020
TIME RECEIVED: 4:10 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		3/18/2020	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

COMPANY:	LAMBDA ENERGY RESOURCES, LLC	GTA PROJECT NO:	031720-9
PROJECT NO:	2018100168.01	GTA SAMPLE NO:	18
LOCATION:	JOHNSON-HILLIARD 7-26	DATE SAMPLED:	3/17/2020
		TIME SAMPLED:	
	MI	DATE RECEIVED:	3/17/2020
		TIME RECEIVED:	4:10 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-13D	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		3/18/2020	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					

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: 2018100168.01
LOCATION: JOHNSON-HILLIARD 7-26
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-2D

GTA PROJECT NO: 031720-9
GTA SAMPLE NO: 19
DATE SAMPLED: 3/17/2020
TIME SAMPLED:
DATE RECEIVED: 3/17/2020
TIME RECEIVED: 4:10 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		3/18/2020	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					

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: 2018100168.01
LOCATION: JOHNSON-HILLIARD 7-26
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-13I
GTA PROJECT NO: 031720-9
GTA SAMPLE NO: 20
DATE SAMPLED: 3/17/2020
TIME SAMPLED:
DATE RECEIVED: 3/17/2020
TIME RECEIVED: 4:10 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</u> <u>Extracted</u>	<u>Date</u> <u>Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		3/18/2020	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

COMPANY:	LAMBDA ENERGY RESOURCES, LLC	GTA PROJECT NO:	031720-9
PROJECT NO:	2018100168.01	GTA SAMPLE NO:	21
LOCATION:	JOHNSON-HILLIARD 7-26	DATE SAMPLED:	3/17/2020
		TIME SAMPLED:	
	MI	DATE RECEIVED:	3/17/2020
		TIME RECEIVED:	4:10 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-11D	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	1.2	1.0	ug/L (PPB)	MR		3/18/2020	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					

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: 2018100168.01
LOCATION: JOHNSON-HILLIARD 7-26
MI
SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 031720-9
GTA SAMPLE NO: 1
DATE SAMPLED: 3/16/2020
TIME SAMPLED:
DATE RECEIVED: 3/17/2020
TIME RECEIVED: 4:10 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-3D CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	LV	3/19/2020	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: 2018100168.01
LOCATION: JOHNSON-HILLIARD 7-26
MI
SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 031720-9
GTA SAMPLE NO: 2
DATE SAMPLED: 3/16/2020
TIME SAMPLED:
DATE RECEIVED: 3/17/2020
TIME RECEIVED: 4:10 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-141							
CHLORIDE EPA 300.0		ND	10	mg/L (PPM)	LV	3/19/2020	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: 2018100168.01
LOCATION: JOHNSON-HILLIARD 7-26
MI
SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 031720-9
GTA SAMPLE NO: 3
DATE SAMPLED: 3/16/2020
TIME SAMPLED:
DATE RECEIVED: 3/17/2020
TIME RECEIVED: 4:10 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		ND	10	mg/L (PPM)	LV	3/19/2020	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: 031720-9

PROJECT NO: 2018100168.01

GTA SAMPLE NO: 4

LOCATION: JOHNSON-HILLIARD 7-26

DATE SAMPLED: 3/16/2020

TIME SAMPLED:

DATE RECEIVED: 3/17/2020

TIME RECEIVED: 4:10 PM

MI

SAMPLED BY: JOSHUA GERRIE/GCES

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-14D

CHLORIDE EPA 300.0

Concentration

ND

LOD

10

Units

mg/L (PPM)

Analyst

LV

Date

3/19/2020

Sample

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: 2018100168.01
LOCATION: JOHNSON-HILLIARD 7-26
MI
SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 031720-9
GTA SAMPLE NO: 5
DATE SAMPLED: 3/16/2020
TIME SAMPLED:
DATE RECEIVED: 3/17/2020
TIME RECEIVED: 4:10 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-15D CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	LV	3/19/2020	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: 2018100168.01
LOCATION: JOHNSON-HILLIARD 7-26
MI
SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 031720-9
GTA SAMPLE NO: 6
DATE SAMPLED: 3/16/2020
TIME SAMPLED:
DATE RECEIVED: 3/17/2020
TIME RECEIVED: 4:10 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-151 CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	LV	3/19/2020	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: 2018100168.01
LOCATION: JOHNSON-HILLIARD 7-26
MI
SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 031720-9
GTA SAMPLE NO: 7
DATE SAMPLED: 3/16/2020
TIME SAMPLED:
DATE RECEIVED: 3/17/2020
TIME RECEIVED: 4:10 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	25	10	mg/L (PPM)	LV	3/19/2020	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: 2018100168.01
LOCATION: JOHNSON-HILLIARD 7-26
MI
SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 031720-9
GTA SAMPLE NO: 8
DATE SAMPLED: 3/16/2020
TIME SAMPLED:
DATE RECEIVED: 3/17/2020
TIME RECEIVED: 4:10 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	200	10	mg/L (PPM)	LV	3/19/2020	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: 2018100168.01
LOCATION: JOHNSON-HILLIARD 7-26
MI
SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 031720-9
GTA SAMPLE NO: 9
DATE SAMPLED: 3/16/2020
TIME SAMPLED:
DATE RECEIVED: 3/17/2020
TIME RECEIVED: 4:10 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		1,400	50	mg/L (PPM)	LV	3/19/2020	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: 2018100168.01
LOCATION: JOHNSON-HILLIARD 7-26
MI
SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 031720-9
GTA SAMPLE NO: 10
DATE SAMPLED: 3/16/2020
TIME SAMPLED:
DATE RECEIVED: 3/17/2020
TIME RECEIVED: 4:10 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		550	50	mg/L (PPM)	LV	3/19/2020	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: 2018100168.01
LOCATION: JOHNSON-HILLIARD 7-26
MI
SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 031720-9
GTA SAMPLE NO: 11
DATE SAMPLED: 3/17/2020
TIME SAMPLED:
DATE RECEIVED: 3/17/2020
TIME RECEIVED: 4:10 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-1D (30')							
CHLORIDE EPA 300.0		21	10	mg/L (PPM)	LV	3/19/2020	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: 2018100168.01
LOCATION: JOHNSON-HILLIARD 7-26
MI
SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 031720-9
GTA SAMPLE NO: 12
DATE SAMPLED: 3/17/2020
TIME SAMPLED:
DATE RECEIVED: 3/17/2020
TIME RECEIVED: 4:10 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-2I							
CHLORIDE EPA 300.0		52	10	mg/L (PPM)	LV	3/19/2020	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: 2018100168.01
LOCATION: JOHNSON-HILLIARD 7-26
MI
SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 031720-9
GTA SAMPLE NO: 13
DATE SAMPLED: 3/17/2020
TIME SAMPLED:
DATE RECEIVED: 3/17/2020
TIME RECEIVED: 4:10 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-1D (52')						
	CHLORIDE EPA 300.0	1,300	50	mg/L (PPM)	LV	3/19/2020	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: 2018100168.01
LOCATION: JOHNSON-HILLIARD 7-26
MI
SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 031720-9
GTA SAMPLE NO: 14
DATE SAMPLED: 3/17/2020
TIME SAMPLED:
DATE RECEIVED: 3/17/2020
TIME RECEIVED: 4:10 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	87	10	mg/L (PPM)	LV	3/19/2020	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: 2018100168.01
LOCATION: JOHNSON-HILLIARD 7-26
MI
SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 031720-9
GTA SAMPLE NO: 15
DATE SAMPLED: 3/17/2020
TIME SAMPLED:
DATE RECEIVED: 3/17/2020
TIME RECEIVED: 4:10 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-111							
CHLORIDE EPA 300.0		98	10	mg/L (PPM)	LV	3/19/2020	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: 2018100168.01
LOCATION: JOHNSON-HILLIARD 7-26
MI
SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 031720-9
GTA SAMPLE NO: 16
DATE SAMPLED: 3/17/2020
TIME SAMPLED:
DATE RECEIVED: 3/17/2020
TIME RECEIVED: 4:10 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-12S						
	CHLORIDE EPA 300.0	78	10	mg/L (PPM)	LV	3/19/2020	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: 2018100168.01
LOCATION: JOHNSON-HILLIARD 7-26
MI
SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 031720-9
GTA SAMPLE NO: 17
DATE SAMPLED: 3/17/2020
TIME SAMPLED:
DATE RECEIVED: 3/17/2020
TIME RECEIVED: 4:10 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-12D							
CHLORIDE EPA 300.0		660	50	mg/L (PPM)	LV	3/19/2020	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: 2018100168.01
LOCATION: JOHNSON-HILLIARD 7-26
MI
SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 031720-9
GTA SAMPLE NO: 18
DATE SAMPLED: 3/17/2020
TIME SAMPLED:
DATE RECEIVED: 3/17/2020
TIME RECEIVED: 4:10 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-13D							
CHLORIDE EPA 300.0		1,500	100	mg/L (PPM)	LV	3/19/2020	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: 2018100168.01
LOCATION: JOHNSON-HILLIARD 7-26
MI
SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 031720-9
GTA SAMPLE NO: 19
DATE SAMPLED: 3/17/2020
TIME SAMPLED:
DATE RECEIVED: 3/17/2020
TIME RECEIVED: 4:10 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-2D							
CHLORIDE EPA 300.0		510	10	mg/L (PPM)	LV	3/19/2020	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: 2018100168.01
LOCATION: JOHNSON-HILLIARD 7-26
MI
SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 031720-9
GTA SAMPLE NO: 20
DATE SAMPLED: 3/17/2020
TIME SAMPLED:
DATE RECEIVED: 3/17/2020
TIME RECEIVED: 4:10 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-131 CHLORIDE EPA 300.0	560	50	mg/L (PPM)	LV	3/19/2020	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: 2018100168.01
LOCATION: JOHNSON-HILLIARD 7-26
MI
SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 031720-9
GTA SAMPLE NO: 21
DATE SAMPLED: 3/17/2020
TIME SAMPLED:
DATE RECEIVED: 3/17/2020
TIME RECEIVED: 4:10 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	7,700	500	mg/L (PPM)	LV	3/19/2020	WATER

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

CHAIN OF CUSTODY

PROJECT NUMBER 2018100168.01	SITE NAME/ADDRESS Johnson-Hilliard 7-26	COMPANY/NAME Lambda Energy Resources
SAMPLED BY Joshua Gerrie	COMPANY Gasling Czubak	GTA PROJECT # 031720-9

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	MW-3D	3-16-20		GW	Chloride
2	MW-14I	↓			
3	MW-10				
4	MW-14D				
5	MW-15D				
6	MW-15I				
7	MW-18				
8	MW-16				
9	MW-19				
10	MW-17				
11	MW-1D(30')	3-17-20			
12	MW-2I	↓			
13	MW-1D(52')				
14	MW-11S				BTEX & Chloride
15	MW-11I				

BILL TO:

REPORT TO:

Lambda Energy Resources

Jeff Simson

RELEASED BY

DATE/TIME

RECEIVED BY

DATE/TIME

3-17-20/1610

3/17/20 1610
rec 4.0°C

REQUESTED TAT



STANDARD



1 BUSINESS DAY



2 BUSINESS DAYS



3 BUSINESS DAYS

CHAIN OF CUSTODY

PROJECT NUMBER <i>2018100168.01</i>	SITE NAME/ADDRESS <i>Johnson-Hilliard 7-26</i>	COMPANY/NAME <i>Lambda Energy Resources</i>
SAMPLED BY <i>Joshua Gervie</i>	COMPANY <i>Gosling Czubak</i>	GTA PROJECT # <i>031720-9</i>

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
16	MW-12s	3-17-20		GW	BTEX & Chloride
17	MW-12D	↓		↓	↓
18	MW-13D				
19	MW-2D				
20	MW-13I				
21	MW-11D	↓		↓	↓

BILL TO:

REPORT TO:

Lambda Energy Resources

Jeff Simsa

RELEASED BY

DATE/TIME

RECEIVED BY

DATE/TIME

[Signature] 3-17-20/1610

[Signature] 3/17/2016 10:00
rec'd

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