



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: 2018100140.01

GTA ProjNo: 082819-7

Site Addr: WHITEWATER 32 CPF

Sampled By: JG/MS/BR - GCES

Date Rec: 8/28/2019

Time Rec: 4:55 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-47DD	8/26/2019		WATER
2	MW-30DDD	8/26/2019		WATER
3	MW-29DD	8/26/2019		WATER
4	MW-42DD	8/26/2019		WATER
5	MW-45DD	8/26/2019		WATER
6	MW-46DD	8/26/2019		WATER
7	MW-14S	8/27/2019		WATER
8	MW-14D	8/27/2019		WATER
9	MW-19D	8/27/2019		WATER
10	MW-49D	8/28/2019		WATER
11	MW-9M	8/28/2019		WATER
12	MW-9	8/28/2019		WATER
13	MW-51D	8/28/2019		WATER
14	MW-16S	8/28/2019		WATER
15	MW-22D	8/28/2019		WATER
16	MW-36DD	8/26/2019		WATER
17	MW-37DD	8/26/2019		WATER
18	MW-48DD	8/26/2019		WATER
19	MW-43DD	8/26/2019		WATER
20	MW-35DD	8/26/2019		WATER
21	MW-44DD	8/26/2019		WATER
22	MW-18D	8/27/2019		WATER
23	MW-19DD	8/27/2019		WATER
24	MW-34DD	8/27/2019		WATER
25	MW-41DD	8/27/2019		WATER
26	MW-14DD	8/27/2019		WATER
27	MW-33D	8/27/2019		WATER
28	MW-50D	8/27/2019		WATER
29	MW-26D	8/27/2019		WATER
30	MW-34D	8/27/2019		WATER
31	MW-20S	8/28/2019		WATER
32	MW-23S	8/28/2019		WATER
33	MW-52S	8/28/2019		WATER
34	MW-13S	8/27/2019	11:30 AM	WATER
35	MW-13D	8/27/2019	12:00 PM	WATER
36	MW-12D	8/27/2019	12:30 PM	WATER
37	MW-12S	8/27/2019	1:00 PM	WATER
38	MW-5	8/27/2019	1:30 PM	WATER
39	MW-2	8/27/2019	2:00 PM	WATER
40	MW-8	8/27/2019	2:40 PM	WATER
41	MW-17S	8/27/2019	3:20 PM	WATER
42	MW-11S	8/27/2019	4:00 PM	WATER
43	MW-11D	8/27/2019	4:30 PM	WATER
44	MW-10S	8/28/2019	9:45 AM	WATER
45	MW-10D	8/28/2019	10:15 AM	WATER
46	MW-1D	8/28/2019	10:45 AM	WATER
47	MW-25S	8/28/2019	11:30 AM	WATER
48	MW-25D	8/28/2019	12:00 PM	WATER
49	MW-4D	8/28/2019	12:40 PM	WATER
50	MW-4S	8/28/2019	1:20 PM	WATER
51	MW-6	8/28/2019	1:40 PM	WATER
52	MW-31D	8/28/2019	2:00 PM	WATER
53	MW-32D	8/28/2019	2:30 PM	WATER



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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: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-14S
GTA PROJECT NO: 082819-7
GTA SAMPLE NO: 7
DATE SAMPLED: 8/27/2019
TIME SAMPLED:
DATE RECEIVED: 8/28/2019
TIME RECEIVED: 4:55 PM
SAMPLED BY: JG/MS/BR - GCS

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		9/3/2019	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

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-14D

GTA PROJECT NO: 082819-7
GTA SAMPLE NO: 8
DATE SAMPLED: 8/27/2019
TIME SAMPLED:
DATE RECEIVED: 8/28/2019
TIME RECEIVED: 4:55 PM
SAMPLED BY: JG/MS/BR - 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	1.4	1.0	ug/L (PPB)	MR		9/4/2019	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	100	1.0					
Xylene(Total)	130	3.0					
1,2,4-Trimethylbenzene	3.6	1.0					
1,3,5-Trimethylbenzene	1.4	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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COMPANY:	LAMBDA ENERGY RESOURCES, LLC	GTA PROJECT NO:	082819-7
PROJECT NO:	2018100140.01	GTA SAMPLE NO:	9
LOCATION:	WHITEWATER 32 CPF	DATE SAMPLED:	8/27/2019
		TIME SAMPLED:	
		DATE RECEIVED:	8/28/2019
	MI	TIME RECEIVED:	4:55 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-19D	SAMPLED BY:	JG/MS/BR - 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	3.2	1.0	ug/L (PPB)	MR		9/4/2019	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	490	25					
Xylene(Total)	940	51					
1,2,4-Trimethylbenzene	55	1.0					
1,3,5-Trimethylbenzene	10	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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COMPANY:	LAMBDA ENERGY RESOURCES, LLC	GTA PROJECT NO:	082819-7
PROJECT NO:	2018100140.01	GTA SAMPLE NO:	10
LOCATION:	WHITEWATER 32 CPF	DATE SAMPLED:	8/28/2019
		TIME SAMPLED:	
	MI	DATE RECEIVED:	8/28/2019
		TIME RECEIVED:	4:55 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-49D	SAMPLED BY:	JG/MS/BR - 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	1.1	1.0	ug/L (PPB)	MR		9/4/2019	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	2.3	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: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-9M

GTA PROJECT NO: 082819-7
GTA SAMPLE NO: 11
DATE SAMPLED: 8/28/2019
TIME SAMPLED:
DATE RECEIVED: 8/28/2019
TIME RECEIVED: 4:55 PM
SAMPLED BY: JG/MS/BR - GCS

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		9/3/2019	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-9
GTA PROJECT NO: 082819-7
GTA SAMPLE NO: 12
DATE SAMPLED: 8/28/2019
TIME SAMPLED:
DATE RECEIVED: 8/28/2019
TIME RECEIVED: 4:55 PM
SAMPLED BY: JG/MS/BR - 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		9/3/2019	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-51D
GTA PROJECT NO: 082819-7
GTA SAMPLE NO: 13
DATE SAMPLED: 8/28/2019
TIME SAMPLED:
DATE RECEIVED: 8/28/2019
TIME RECEIVED: 4:55 PM
SAMPLED BY: JG/MS/BR - 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	1.1	1.0	ug/L (PPB)	MR		9/3/2019	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-16S

GTA PROJECT NO: 082819-7
GTA SAMPLE NO: 14
DATE SAMPLED: 8/28/2019
TIME SAMPLED:
DATE RECEIVED: 8/28/2019
TIME RECEIVED: 4:55 PM
SAMPLED BY: JG/MS/BR - 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	3.2	1.0	ug/L (PPB)	MR		9/3/2019	EPA 5030B
Toluene	25	1.0					
Ethylbenzene	5.7	1.0					
Xylene(Total)	16	3.0					

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PROJECT NO: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-22D

GTA PROJECT NO: 082819-7
GTA SAMPLE NO: 15
DATE SAMPLED: 8/28/2019
TIME SAMPLED:
DATE RECEIVED: 8/28/2019
TIME RECEIVED: 4:55 PM
SAMPLED BY: JG/MS/BR - 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	5.2	1.0	ug/L (PPB)	MR		9/4/2019	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	56	1.0					
Xylene(Total)	220	21					
1,2,4-Trimethylbenzene	71	1.0					
1,3,5-Trimethylbenzene	3.1	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-14DD
GTA PROJECT NO: 082819-7
GTA SAMPLE NO: 26
DATE SAMPLED: 8/27/2019
TIME SAMPLED:
DATE RECEIVED: 8/28/2019
TIME RECEIVED: 4:55 PM
SAMPLED BY: JG/MS/BR - 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		9/3/2019	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-33D

GTA PROJECT NO: 082819-7
GTA SAMPLE NO: 27
DATE SAMPLED: 8/27/2019
TIME SAMPLED:
DATE RECEIVED: 8/28/2019
TIME RECEIVED: 4:55 PM
SAMPLED BY: JG/MS/BR - 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		9/3/2019	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-50D
GTA PROJECT NO: 082819-7
GTA SAMPLE NO: 28
DATE SAMPLED: 8/27/2019
TIME SAMPLED:
DATE RECEIVED: 8/28/2019
TIME RECEIVED: 4:55 PM
SAMPLED BY: JG/MS/BR - 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		9/3/2019	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-26D

GTA PROJECT NO: 082819-7
GTA SAMPLE NO: 29
DATE SAMPLED: 8/27/2019
TIME SAMPLED:
DATE RECEIVED: 8/28/2019
TIME RECEIVED: 4:55 PM
SAMPLED BY: JG/MS/BR - 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		9/3/2019	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-34D

GTA PROJECT NO: 082819-7
GTA SAMPLE NO: 30
DATE SAMPLED: 8/27/2019
TIME SAMPLED:
DATE RECEIVED: 8/28/2019
TIME RECEIVED: 4:55 PM
SAMPLED BY: JG/MS/BR - 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	1.9	1.0	ug/L (PPB)	MR		9/3/2019	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-20S

GTA PROJECT NO: 082819-7
GTA SAMPLE NO: 31
DATE SAMPLED: 8/28/2019
TIME SAMPLED:
DATE RECEIVED: 8/28/2019
TIME RECEIVED: 4:55 PM
SAMPLED BY: JG/MS/BR - 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		9/3/2019	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					

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LOD = LIMIT OF DETECTION

COMPANY:	LAMBDA ENERGY RESOURCES, LLC	GTA PROJECT NO:	082819-7
PROJECT NO:	2018100140.01	GTA SAMPLE NO:	32
LOCATION:	WHITEWATER 32 CPF	DATE SAMPLED:	8/28/2019
		TIME SAMPLED:	
	MI	DATE RECEIVED:	8/28/2019
		TIME RECEIVED:	4:55 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-23S	SAMPLED BY:	JG/MS/BR - 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		9/3/2019	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.

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COMPANY:	LAMBDA ENERGY RESOURCES, LLC	GTA PROJECT NO:	082819-7
PROJECT NO:	2018100140.01	GTA SAMPLE NO:	33
LOCATION:	WHITEWATER 32 CPF	DATE SAMPLED:	8/28/2019
		TIME SAMPLED:	
	MI	DATE RECEIVED:	8/28/2019
		TIME RECEIVED:	4:55 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-52S	SAMPLED BY:	JG/MS/BR - 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		9/3/2019	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

**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-13S

GTA PROJECT NO: 082819-7
GTA SAMPLE NO: 34
DATE SAMPLED: 8/27/2019
TIME SAMPLED: 11:30 AM
DATE RECEIVED: 8/28/2019
TIME RECEIVED: 4:55 PM
SAMPLED BY: JG/MS/BR - 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		9/3/2019	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

**INDEPENDENT TESTING LAB**

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PH: 231-929-0905

FAX: 231-929-0894

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-13D

GTA PROJECT NO: 082819-7
GTA SAMPLE NO: 35
DATE SAMPLED: 8/27/2019
TIME SAMPLED: 12:00 PM
DATE RECEIVED: 8/28/2019
TIME RECEIVED: 4:55 PM
SAMPLED BY: JG/MS/BR - 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		9/3/2019	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:	082819-7
PROJECT NO:	2018100140.01	GTA SAMPLE NO:	36
LOCATION:	WHITEWATER 32 CPF	DATE SAMPLED:	8/27/2019
		TIME SAMPLED:	12:30 PM
		DATE RECEIVED:	8/28/2019
	MI	TIME RECEIVED:	4:55 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-12D	SAMPLED BY:	JG/MS/BR - 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		9/3/2019	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

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-12S

GTA PROJECT NO: 082819-7
GTA SAMPLE NO: 37
DATE SAMPLED: 8/27/2019
TIME SAMPLED: 1:00 PM
DATE RECEIVED: 8/28/2019
TIME RECEIVED: 4:55 PM
SAMPLED BY: JG/MS/BR - 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		9/3/2019	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

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-5

GTA PROJECT NO: 082819-7
GTA SAMPLE NO: 38
DATE SAMPLED: 8/27/2019
TIME SAMPLED: 1:30 PM
DATE RECEIVED: 8/28/2019
TIME RECEIVED: 4:55 PM
SAMPLED BY: JG/MS/BR - 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		9/3/2019	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:	082819-7
PROJECT NO:	2018100140.01	GTA SAMPLE NO:	39
LOCATION:	WHITEWATER 32 CPF	DATE SAMPLED:	8/27/2019
		TIME SAMPLED:	2:00 PM
		DATE RECEIVED:	8/28/2019
	MI	TIME RECEIVED:	4:55 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-2	SAMPLED BY:	JG/MS/BR - 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		9/3/2019	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

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-8

GTA PROJECT NO: 082819-7
GTA SAMPLE NO: 40
DATE SAMPLED: 8/27/2019
TIME SAMPLED: 2:40 PM
DATE RECEIVED: 8/28/2019
TIME RECEIVED: 4:55 PM
SAMPLED BY: JG/MS/BR - 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		9/3/2019	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

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-17S

GTA PROJECT NO: 082819-7
GTA SAMPLE NO: 41
DATE SAMPLED: 8/27/2019
TIME SAMPLED: 3:20 PM
DATE RECEIVED: 8/28/2019
TIME RECEIVED: 4:55 PM
SAMPLED BY: JG/MS/BR - 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		9/3/2019	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:	082819-7
PROJECT NO:	2018100140.01	GTA SAMPLE NO:	42
LOCATION:	WHITEWATER 32 CPF	DATE SAMPLED:	8/27/2019
		TIME SAMPLED:	4:00 PM
		DATE RECEIVED:	8/28/2019
	MI	TIME RECEIVED:	4:55 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-11S	SAMPLED BY:	JG/MS/BR - 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		9/3/2019	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:	082819-7
PROJECT NO:	2018100140.01	GTA SAMPLE NO:	43
LOCATION:	WHITEWATER 32 CPF	DATE SAMPLED:	8/27/2019
		TIME SAMPLED:	4:30 PM
		DATE RECEIVED:	8/28/2019
	MI	TIME RECEIVED:	4:55 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-11D	SAMPLED BY:	JG/MS/BR - 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		9/3/2019	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:	082819-7
PROJECT NO:	2018100140.01	GTA SAMPLE NO:	44
LOCATION:	WHITEWATER 32 CPF	DATE SAMPLED:	8/28/2019
		TIME SAMPLED:	9:45 AM
		DATE RECEIVED:	8/28/2019
	MI	TIME RECEIVED:	4:55 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-10S	SAMPLED BY:	JG/MS/BR - 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		9/3/2019	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: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-10D
GTA PROJECT NO: 082819-7
GTA SAMPLE NO: 45
DATE SAMPLED: 8/28/2019
TIME SAMPLED: 10:15 AM
DATE RECEIVED: 8/28/2019
TIME RECEIVED: 4:55 PM
SAMPLED BY: JG/MS/BR - 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		9/3/2019	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:	082819-7
PROJECT NO:	2018100140.01	GTA SAMPLE NO:	46
LOCATION:	WHITEWATER 32 CPF	DATE SAMPLED:	8/28/2019
		TIME SAMPLED:	10:45 AM
		DATE RECEIVED:	8/28/2019
	MI	TIME RECEIVED:	4:55 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-1D	SAMPLED BY:	JG/MS/BR - 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		9/4/2019	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:	082819-7
PROJECT NO:	2018100140.01	GTA SAMPLE NO:	47
LOCATION:	WHITEWATER 32 CPF	DATE SAMPLED:	8/28/2019
		TIME SAMPLED:	11:30 AM
		DATE RECEIVED:	8/28/2019
	MI	TIME RECEIVED:	4:55 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-25S	SAMPLED BY:	JG/MS/BR - 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		9/3/2019	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: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-25D
GTA PROJECT NO: 082819-7
GTA SAMPLE NO: 48
DATE SAMPLED: 8/28/2019
TIME SAMPLED: 12:00 PM
DATE RECEIVED: 8/28/2019
TIME RECEIVED: 4:55 PM
SAMPLED BY: JG/MS/BR - 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		9/3/2019	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

**INDEPENDENT TESTING LAB**

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-4D

GTA PROJECT NO: 082819-7
GTA SAMPLE NO: 49
DATE SAMPLED: 8/28/2019
TIME SAMPLED: 12:40 PM
DATE RECEIVED: 8/28/2019
TIME RECEIVED: 4:55 PM
SAMPLED BY: JG/MS/BR - 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		9/3/2019	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:	082819-7
PROJECT NO:	2018100140.01	GTA SAMPLE NO:	50
LOCATION:	WHITEWATER 32 CPF	DATE SAMPLED:	8/28/2019
		TIME SAMPLED:	1:20 PM
	MI	DATE RECEIVED:	8/28/2019
		TIME RECEIVED:	4:55 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-4S	SAMPLED BY:	JG/MS/BR - 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		9/4/2019	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:	082819-7
PROJECT NO:	2018100140.01	GTA SAMPLE NO:	51
LOCATION:	WHITEWATER 32 CPF	DATE SAMPLED:	8/28/2019
		TIME SAMPLED:	1:40 PM
		DATE RECEIVED:	8/28/2019
	MI	TIME RECEIVED:	4:55 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-6	SAMPLED BY:	JG/MS/BR - 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		9/4/2019	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:	082819-7
PROJECT NO:	2018100140.01	GTA SAMPLE NO:	52
LOCATION:	WHITEWATER 32 CPF	DATE SAMPLED:	8/28/2019
		TIME SAMPLED:	2:00 PM
		DATE RECEIVED:	8/28/2019
	MI	TIME RECEIVED:	4:55 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-31D	SAMPLED BY:	JG/MS/BR - 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		9/4/2019	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

**INDEPENDENT TESTING LAB**

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-32D

GTA PROJECT NO: 082819-7
GTA SAMPLE NO: 53
DATE SAMPLED: 8/28/2019
TIME SAMPLED: 2:30 PM
DATE RECEIVED: 8/28/2019
TIME RECEIVED: 4:55 PM
SAMPLED BY: JG/MS/BR - 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	11	1.0	ug/L (PPB)	MR		9/4/2019	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	17	1.0					
Xylene(Total)	83	3.0					
1,2,4-Trimethylbenzene	31	1.0					
1,3,5-Trimethylbenzene	6.5	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

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PH: 231-929-0905

FAX: 231-929-0894

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLED BY: JG/MS/BR - GCES

GTA PROJECT NO: 082819-7
GTA SAMPLE NO: 1
DATE SAMPLED: 8/26/2019
TIME SAMPLED:
DATE RECEIVED: 8/28/2019
TIME RECEIVED: 4:55 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-47DD CHLORIDE EPA 300.0	53	10	mg/L (PPM)	LV	8/29/2019	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: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLED BY: JG/MS/BR - GCES

GTA PROJECT NO: 082819-7
GTA SAMPLE NO: 2
DATE SAMPLED: 8/26/2019
TIME SAMPLED:
DATE RECEIVED: 8/28/2019
TIME RECEIVED: 4:55 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-30DDD CHLORIDE EPA 300.0	310	10	mg/L (PPM)	LV	8/29/2019	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: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLED BY: JG/MS/BR - GCES

GTA PROJECT NO: 082819-7
GTA SAMPLE NO: 3
DATE SAMPLED: 8/26/2019
TIME SAMPLED:
DATE RECEIVED: 8/28/2019
TIME RECEIVED: 4:55 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-29DD						
	CHLORIDE EPA 300.0	290	10	mg/L (PPM)	LV	8/29/2019	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: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLED BY: JG/MS/BR - GCES

GTA PROJECT NO: 082819-7
GTA SAMPLE NO: 4
DATE SAMPLED: 8/26/2019
TIME SAMPLED:
DATE RECEIVED: 8/28/2019
TIME RECEIVED: 4:55 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-42DD						
	CHLORIDE EPA 300.0	290	10	mg/L (PPM)	LV	8/29/2019	WATER

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLED BY: JG/MS/BR - GCES

GTA PROJECT NO: 082819-7
GTA SAMPLE NO: 5
DATE SAMPLED: 8/26/2019
TIME SAMPLED:
DATE RECEIVED: 8/28/2019
TIME RECEIVED: 4:55 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-45DD						
	CHLORIDE EPA 300.0	990	50	mg/L (PPM)	LV	8/29/2019	WATER

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**INDEPENDENT TESTING LAB**

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLED BY: JG/MS/BR - GCES

GTA PROJECT NO: 082819-7
GTA SAMPLE NO: 6
DATE SAMPLED: 8/26/2019
TIME SAMPLED:
DATE RECEIVED: 8/28/2019
TIME RECEIVED: 4:55 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-46DD CHLORIDE EPA 300.0	100	10	mg/L (PPM)	LV	8/29/2019	WATER

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PROJECT NO: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLED BY: JG/MS/BR - GCES

GTA PROJECT NO: 082819-7
GTA SAMPLE NO: 7
DATE SAMPLED: 8/27/2019
TIME SAMPLED:
DATE RECEIVED: 8/28/2019
TIME RECEIVED: 4:55 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-14S							
CHLORIDE EPA 300.0		ND	10	mg/L (PPM)	LV	8/30/2019	WATER

ND = NOT DETECTED, RESULT < LOD
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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLED BY: JG/MS/BR - GCES

GTA PROJECT NO: 082819-7
GTA SAMPLE NO: 8
DATE SAMPLED: 8/27/2019
TIME SAMPLED:
DATE RECEIVED: 8/28/2019
TIME RECEIVED: 4:55 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-14D CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	LV	8/30/2019	WATER

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

COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLED BY: JG/MS/BR - GCES

GTA PROJECT NO: 082819-7
GTA SAMPLE NO: 9
DATE SAMPLED: 8/27/2019
TIME SAMPLED:
DATE RECEIVED: 8/28/2019
TIME RECEIVED: 4:55 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-19D						
	CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	LV	8/30/2019	WATER

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLED BY: JG/MS/BR - GCES

GTA PROJECT NO: 082819-7
GTA SAMPLE NO: 10
DATE SAMPLED: 8/28/2019
TIME SAMPLED:
DATE RECEIVED: 8/28/2019
TIME RECEIVED: 4:55 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-49D						
	CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	LV	8/30/2019	WATER

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLED BY: JG/MS/BR - GCES

GTA PROJECT NO: 082819-7
GTA SAMPLE NO: 11
DATE SAMPLED: 8/28/2019
TIME SAMPLED:
DATE RECEIVED: 8/28/2019
TIME RECEIVED: 4:55 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-9M CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	LV	8/30/2019	WATER

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLED BY: JG/MS/BR - GCES

GTA PROJECT NO: 082819-7
GTA SAMPLE NO: 12
DATE SAMPLED: 8/28/2019
TIME SAMPLED:
DATE RECEIVED: 8/28/2019
TIME RECEIVED: 4:55 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-9							
CHLORIDE EPA 300.0		ND	10	mg/L (PPM)	LV	8/30/2019	WATER

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLED BY: JG/MS/BR - GCES

GTA PROJECT NO: 082819-7
GTA SAMPLE NO: 13
DATE SAMPLED: 8/28/2019
TIME SAMPLED:
DATE RECEIVED: 8/28/2019
TIME RECEIVED: 4:55 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-51D CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	LV	8/30/2019	WATER

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLED BY: JG/MS/BR - GCES

GTA PROJECT NO: 082819-7
GTA SAMPLE NO: 14
DATE SAMPLED: 8/28/2019
TIME SAMPLED:
DATE RECEIVED: 8/28/2019
TIME RECEIVED: 4:55 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-16S CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	LV	8/30/2019	WATER

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLED BY: JG/MS/BR - GCES

GTA PROJECT NO: 082819-7
GTA SAMPLE NO: 15
DATE SAMPLED: 8/28/2019
TIME SAMPLED:
DATE RECEIVED: 8/28/2019
TIME RECEIVED: 4:55 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-22D							
CHLORIDE EPA 300.0		21	10	mg/L (PPM)	LV	8/30/2019	WATER

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
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GTA PROJECT NO: 082819-7
GTA SAMPLE NO: 16
DATE SAMPLED: 8/26/2019
TIME SAMPLED:
DATE RECEIVED: 8/28/2019
TIME RECEIVED: 4:55 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-36DD						
	CHLORIDE EPA 300.0	45	10	mg/L (PPM)	LV	8/30/2019	WATER

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PROJECT NO: 2018100140.01
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GTA PROJECT NO: 082819-7
GTA SAMPLE NO: 17
DATE SAMPLED: 8/26/2019
TIME SAMPLED:
DATE RECEIVED: 8/28/2019
TIME RECEIVED: 4:55 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-37DD							
CHLORIDE EPA 300.0		210	10	mg/L (PPM)	LV	8/30/2019	WATER

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PROJECT NO: 2018100140.01
LOCATION: WHITEWATER 32 CPF
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GTA PROJECT NO: 082819-7
GTA SAMPLE NO: 18
DATE SAMPLED: 8/26/2019
TIME SAMPLED:
DATE RECEIVED: 8/28/2019
TIME RECEIVED: 4:55 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-48DD CHLORIDE EPA 300.0	220	10	mg/L (PPM)	LV	8/30/2019	WATER

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PROJECT NO: 2018100140.01
LOCATION: WHITEWATER 32 CPF
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SAMPLED BY: JG/MS/BR - GCES

GTA PROJECT NO: 082819-7
GTA SAMPLE NO: 19
DATE SAMPLED: 8/26/2019
TIME SAMPLED:
DATE RECEIVED: 8/28/2019
TIME RECEIVED: 4:55 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-43DD CHLORIDE EPA 300.0	260	10	mg/L (PPM)	LV	8/30/2019	WATER

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLED BY: JG/MS/BR - GCES

GTA PROJECT NO: 082819-7
GTA SAMPLE NO: 20
DATE SAMPLED: 8/26/2019
TIME SAMPLED:
DATE RECEIVED: 8/28/2019
TIME RECEIVED: 4:55 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-35DD						
	CHLORIDE EPA 300.0	510	10	mg/L (PPM)	LV	8/30/2019	WATER

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COMPANY:	LAMBDA ENERGY RESOURCES, LLC	GTA PROJECT NO:	082819-7
PROJECT NO:	2018100140.01	GTA SAMPLE NO:	21
LOCATION:	WHITEWATER 32 CPF	DATE SAMPLED:	8/26/2019
		TIME SAMPLED:	
		DATE RECEIVED:	8/28/2019
		TIME RECEIVED:	4:55 PM
	MI		
SAMPLED BY:	JG/MS/BR - 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-44DD						
	CHLORIDE EPA 300.0	590	50	mg/L (PPM)	LV	8/30/2019	WATER

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLED BY: JG/MS/BR - GCES

GTA PROJECT NO: 082819-7
GTA SAMPLE NO: 22
DATE SAMPLED: 8/27/2019
TIME SAMPLED:
DATE RECEIVED: 8/28/2019
TIME RECEIVED: 4:55 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-18D						
	CHLORIDE EPA 300.0	230	10	mg/L (PPM)	LV	8/30/2019	WATER

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLED BY: JG/MS/BR - GCES

GTA PROJECT NO: 082819-7
GTA SAMPLE NO: 23
DATE SAMPLED: 8/27/2019
TIME SAMPLED:
DATE RECEIVED: 8/28/2019
TIME RECEIVED: 4:55 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-19DD						
	CHLORIDE EPA 300.0	400	10	mg/L (PPM)	LV	8/30/2019	WATER

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

COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLED BY: JG/MS/BR - GCES

GTA PROJECT NO: 082819-7
GTA SAMPLE NO: 24
DATE SAMPLED: 8/27/2019
TIME SAMPLED:
DATE RECEIVED: 8/28/2019
TIME RECEIVED: 4:55 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-34DD CHLORIDE EPA 300.0	470	20	mg/L (PPM)	LV	8/30/2019	WATER

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLED BY: JG/MS/BR - GCES

GTA PROJECT NO: 082819-7
GTA SAMPLE NO: 25
DATE SAMPLED: 8/27/2019
TIME SAMPLED:
DATE RECEIVED: 8/28/2019
TIME RECEIVED: 4:55 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-41DD						
	CHLORIDE EPA 300.0	200	10	mg/L (PPM)	LV	8/30/2019	WATER

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLED BY: JG/MS/BR - GCES

GTA PROJECT NO: 082819-7
GTA SAMPLE NO: 26
DATE SAMPLED: 8/27/2019
TIME SAMPLED:
DATE RECEIVED: 8/28/2019
TIME RECEIVED: 4:55 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-14DD CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	LV	8/30/2019	WATER

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

COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLED BY: JG/MS/BR - GCES

GTA PROJECT NO: 082819-7
GTA SAMPLE NO: 27
DATE SAMPLED: 8/27/2019
TIME SAMPLED:
DATE RECEIVED: 8/28/2019
TIME RECEIVED: 4:55 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-33D						
	CHLORIDE EPA 300.0	16	10	mg/L (PPM)	LV	8/30/2019	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: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLED BY: JG/MS/BR - GCES

GTA PROJECT NO: 082819-7
GTA SAMPLE NO: 28
DATE SAMPLED: 8/27/2019
TIME SAMPLED:
DATE RECEIVED: 8/28/2019
TIME RECEIVED: 4:55 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-50D						
	CHLORIDE EPA 300.0	33	10	mg/L (PPM)	LV	8/30/2019	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

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLED BY: JG/MS/BR - GCES

GTA PROJECT NO: 082819-7
GTA SAMPLE NO: 29
DATE SAMPLED: 8/27/2019
TIME SAMPLED:
DATE RECEIVED: 8/28/2019
TIME RECEIVED: 4:55 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-26D						
	CHLORIDE EPA 300.0	57	10	mg/L (PPM)	LV	8/30/2019	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: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLED BY: JG/MS/BR - GCES

GTA PROJECT NO: 082819-7
GTA SAMPLE NO: 30
DATE SAMPLED: 8/27/2019
TIME SAMPLED:
DATE RECEIVED: 8/28/2019
TIME RECEIVED: 4:55 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-34D CHLORIDE EPA 300.0	64	10	mg/L (PPM)	LV	8/30/2019	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: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLED BY: JG/MS/BR - GCES

GTA PROJECT NO: 082819-7
GTA SAMPLE NO: 31
DATE SAMPLED: 8/28/2019
TIME SAMPLED:
DATE RECEIVED: 8/28/2019
TIME RECEIVED: 4:55 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-20S CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	LV	8/30/2019	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: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLED BY: JG/MS/BR - GCES

GTA PROJECT NO: 082819-7
GTA SAMPLE NO: 32
DATE SAMPLED: 8/28/2019
TIME SAMPLED:
DATE RECEIVED: 8/28/2019
TIME RECEIVED: 4:55 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-23S						
	CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	LV	9/3/2019	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: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLED BY: JG/MS/BR - GCES

GTA PROJECT NO: 082819-7
GTA SAMPLE NO: 33
DATE SAMPLED: 8/28/2019
TIME SAMPLED:
DATE RECEIVED: 8/28/2019
TIME RECEIVED: 4:55 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-52S CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	LV	9/3/2019	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: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLED BY: JG/MS/BR - GCES

GTA PROJECT NO: 082819-7
GTA SAMPLE NO: 34
DATE SAMPLED: 8/27/2019
TIME SAMPLED: 11:30 AM
DATE RECEIVED: 8/28/2019
TIME RECEIVED: 4:55 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-13S CHLORIDE EPA 300.0	13	10	mg/L (PPM)	LV	9/3/2019	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: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLED BY: JG/MS/BR - GCES

GTA PROJECT NO: 082819-7
GTA SAMPLE NO: 35
DATE SAMPLED: 8/27/2019
TIME SAMPLED: 12:00 PM
DATE RECEIVED: 8/28/2019
TIME RECEIVED: 4:55 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	50	10	mg/L (PPM)	LV	9/3/2019	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: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLED BY: JG/MS/BR - GCES

GTA PROJECT NO: 082819-7
GTA SAMPLE NO: 36
DATE SAMPLED: 8/27/2019
TIME SAMPLED: 12:30 PM
DATE RECEIVED: 8/28/2019
TIME RECEIVED: 4:55 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	ND	10	mg/L (PPM)	LV	9/3/2019	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: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLED BY: JG/MS/BR - GCES

GTA PROJECT NO: 082819-7
GTA SAMPLE NO: 37
DATE SAMPLED: 8/27/2019
TIME SAMPLED: 1:00 PM
DATE RECEIVED: 8/28/2019
TIME RECEIVED: 4:55 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	66	10	mg/L (PPM)	LV	9/3/2019	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: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLED BY: JG/MS/BR - GCES

GTA PROJECT NO: 082819-7
GTA SAMPLE NO: 38
DATE SAMPLED: 8/27/2019
TIME SAMPLED: 1:30 PM
DATE RECEIVED: 8/28/2019
TIME RECEIVED: 4:55 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	9/3/2019	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: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLED BY: JG/MS/BR - GCES

GTA PROJECT NO: 082819-7
GTA SAMPLE NO: 39
DATE SAMPLED: 8/27/2019
TIME SAMPLED: 2:00 PM
DATE RECEIVED: 8/28/2019
TIME RECEIVED: 4:55 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-2							
CHLORIDE EPA 300.0		ND	10	mg/L (PPM)	LV	9/3/2019	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: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLED BY: JG/MS/BR - GCES

GTA PROJECT NO: 082819-7
GTA SAMPLE NO: 40
DATE SAMPLED: 8/27/2019
TIME SAMPLED: 2:40 PM
DATE RECEIVED: 8/28/2019
TIME RECEIVED: 4:55 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							
CHLORIDE EPA 300.0		ND	10	mg/L (PPM)	LV	9/3/2019	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: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLED BY: JG/MS/BR - GCES

GTA PROJECT NO: 082819-7
GTA SAMPLE NO: 41
DATE SAMPLED: 8/27/2019
TIME SAMPLED: 3:20 PM
DATE RECEIVED: 8/28/2019
TIME RECEIVED: 4:55 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-17S							
CHLORIDE EPA 300.0		ND	10	mg/L (PPM)	LV	9/3/2019	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: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLED BY: JG/MS/BR - GCES

GTA PROJECT NO: 082819-7
GTA SAMPLE NO: 42
DATE SAMPLED: 8/27/2019
TIME SAMPLED: 4:00 PM
DATE RECEIVED: 8/28/2019
TIME RECEIVED: 4:55 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	18	10	mg/L (PPM)	LV	9/3/2019	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: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLED BY: JG/MS/BR - GCES

GTA PROJECT NO: 082819-7
GTA SAMPLE NO: 43
DATE SAMPLED: 8/27/2019
TIME SAMPLED: 4:30 PM
DATE RECEIVED: 8/28/2019
TIME RECEIVED: 4:55 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	9/3/2019	WATER

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

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLED BY: JG/MS/BR - GCES

GTA PROJECT NO: 082819-7
GTA SAMPLE NO: 44
DATE SAMPLED: 8/28/2019
TIME SAMPLED: 9:45 AM
DATE RECEIVED: 8/28/2019
TIME RECEIVED: 4:55 PM

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
	SAMPLE ID: MW-10S						
	CHLORIDE EPA 300.0	13	10	mg/L (PPM)	LV	9/3/2019	WATER
	CONDUCTIVITY SM2510-B	360	1.0	uS/cm@25C	LV	9/3/2019	WATER

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

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COMPANY: LAMBDA ENERGY RESOURCES, LLC

PROJECT NO: 2018100140.01

LOCATION: WHITEWATER 32 CPF

GTA PROJECT NO: 082819-7

GTA SAMPLE NO: 45

DATE SAMPLED: 8/28/2019

TIME SAMPLED: 10:15 AM

DATE RECEIVED: 8/28/2019

TIME RECEIVED: 4:55 PM

SAMPLED BY: MI
JG/MS/BR - GCES**SAMPLE ANALYSIS****No: Analysis**

SAMPLE ID: MW-10D

CHLORIDE EPA 300.0

Concentration

ND

LOD

10

Units

mg/L (PPM)

Analyst

LV

Date

9/3/2019

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: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLED BY: JG/MS/BR - GCES

GTA PROJECT NO: 082819-7
GTA SAMPLE NO: 46
DATE SAMPLED: 8/28/2019
TIME SAMPLED: 10:45 AM
DATE RECEIVED: 8/28/2019
TIME RECEIVED: 4:55 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						
	CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	LV	9/3/2019	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: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLED BY: JG/MS/BR - GCES

GTA PROJECT NO: 082819-7
GTA SAMPLE NO: 47
DATE SAMPLED: 8/28/2019
TIME SAMPLED: 11:30 AM
DATE RECEIVED: 8/28/2019
TIME RECEIVED: 4:55 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-25S CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	LV	9/3/2019	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: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLED BY: JG/MS/BR - GCES

GTA PROJECT NO: 082819-7
GTA SAMPLE NO: 48
DATE SAMPLED: 8/28/2019
TIME SAMPLED: 12:00 PM
DATE RECEIVED: 8/28/2019
TIME RECEIVED: 4:55 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-25D						
	CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	LV	9/3/2019	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: 082819-7

PROJECT NO: 2018100140.01

GTA SAMPLE NO: 49

LOCATION: WHITEWATER 32 CPF

DATE SAMPLED: 8/28/2019

TIME SAMPLED: 12:40 PM

DATE RECEIVED: 8/28/2019

TIME RECEIVED: 4:55 PM

MI

SAMPLED BY: JG/MS/BR - 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-4D						
	CHLORIDE EPA 300.0	16	10	mg/L (PPM)	LV	9/3/2019	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: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLED BY: JG/MS/BR - GCES

GTA PROJECT NO: 082819-7
GTA SAMPLE NO: 50
DATE SAMPLED: 8/28/2019
TIME SAMPLED: 1:20 PM
DATE RECEIVED: 8/28/2019
TIME RECEIVED: 4:55 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-4S		10	10	mg/L (PPM)	LV	9/3/2019	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: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLED BY: JG/MS/BR - GCES

GTA PROJECT NO: 082819-7
GTA SAMPLE NO: 51
DATE SAMPLED: 8/28/2019
TIME SAMPLED: 1:40 PM
DATE RECEIVED: 8/28/2019
TIME RECEIVED: 4:55 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		87	10	mg/L (PPM)	LV	9/3/2019	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: 082819-7

PROJECT NO: 2018100140.01

GTA SAMPLE NO: 52

LOCATION: WHITEWATER 32 CPF

DATE SAMPLED: 8/28/2019

TIME SAMPLED: 2:00 PM

DATE RECEIVED: 8/28/2019

TIME RECEIVED: 4:55 PM

MI

SAMPLED BY: JG/MS/BR - GCES

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-31D

CHLORIDE EPA 300.0

Concentration

LOD

Units

Analyst

Date

Sample

39

10

mg/L (PPM)

LV

9/3/2019

WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

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GTA PROJECT NO: 082819-7

PROJECT NO: 2018100140.01

GTA SAMPLE NO: 53

LOCATION: WHITEWATER 32 CPF

DATE SAMPLED: 8/28/2019

TIME SAMPLED: 2:30 PM

DATE RECEIVED: 8/28/2019

TIME RECEIVED: 4:55 PM

MI

SAMPLED BY: JG/MS/BR - GCES

SAMPLE ANALYSIS**No: Analysis**

SAMPLE ID: MW-32D

CHLORIDE EPA 300.0

Concentration

19

LOD

10

Units

mg/L (PPM)

Analyst

LV

Date

9/3/2019

Sample

WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

CHAIN OF CUSTODY

PROJECT NUMBER 2018100140.01	SITE NAME/ADDRESS Whitewater 32 CPF	COMPANY/NAME Lambda Energy Resources
SAMPLED BY MARK STOVER, COMPANY Joshua Gervie Gosling Czubak		GTA PROJECT # 082819-7

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	MW-47DD	8-26-19		GW	Chloride
2	MW-30DD	↓		↓	↓
3	MW-29DD	↓		↓	↓
4	MW-42DD	↓		↓	↓
5	MW-45DD	↓		↓	↓
6	MW-46DD	↓		↓	↓
7	MW-14S	8-27-19			BTEX, CHLORIDE
8	MW-14d	↓			BTEX+4, CHLORIDE
9	MW-19d	↓			↓ ↓
10	MW-49d	8-28-19			BTEX+4, CHLORIDE
11	MW-9M	↓			BTEX, CHLORIDE
12	MW-9	↓			↓ ↓
13	MW-51d	↓			↓ ↓
14	MW-16S	↓			↓ ↓
15	MW-22d	↓		↓	BTEX+4, CHLORIDE

BILL TO:

REPORT TO:

Lambda Energy Resources *GRC*

Jeff Simsa

RELEASED BY

DATE/TIME

RECEIVED BY

DATE/TIME

[Signature] 8-26-19
[Signature] 8-28-19

G.C.C.S. FRIEGE 8-26-19 16:00
K. [Signature] 8/28/19 4:55p

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

CHAIN OF CUSTODY

PROJECT NUMBER <i>2018100140.01</i>	SITE NAME/ADDRESS <i>WHITEWATER 32 CPF</i>	COMPANY/NAME <i>LAMBDA ENERGY</i>
SAMPLED BY <i>MARK STOVER</i>	COMPANY <i>G.C.E.S.</i>	GTA PROJECT # <i>082819-7</i>

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
16	<i>mw-36dd</i>	<i>8-26-19</i>		<i>GW</i>	<i>CHLORIDE</i>
17	<i>mw-37dd</i>	↓			
18	<i>mw-48dd</i>				
19	<i>mw-43dd</i>				
20	<i>mw-35dd</i>				
21	<i>mw-44dd</i>				
22	<i>mw-18d</i>	<i>8-27-19</i>			
23	<i>mw-19dd</i>	↓			
24	<i>mw-34dd</i>				
25	<i>mw-41dd</i>				
26	<i>mw-14dd</i>				<i>BTEX</i>
27	<i>mw-33d</i>				
28	<i>mw-50d</i>	↓			
29	<i>mw-26d</i>				
30	<i>mw-34d</i>				

BILL TO: *LAMBDA ENERGY*

REPORT TO: *JEFF SIMSA*

see 6.90c

RELEASED BY <i>[Signature]</i>	DATE/TIME <i>8-28-19</i>	RECEIVED BY <i>KCH</i>	DATE/TIME <i>8/28/19 4:55p</i>

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

CHAIN OF CUSTODY

PROJECT NUMBER <i>2018100140.01</i>	SITE NAME/ADDRESS <i>WHITEWATER 32</i>	COMPANY/NAME <i>LAMBDA ENERGY</i>
SAMPLED BY <i>MARK STOVER</i>	COMPANY <i>G.C.E.S.</i>	GTA PROJECT # <i>082819-7</i>

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
31	<i>MW-205</i>	<i>8-28-19</i>		<i>GW</i>	<i>BTEX, CHLORIDE</i>
32	<i>MW-235</i>	↓		↓	↓
33	<i>MW-525</i>	↓		↓	↓

BILL TO:
LAMBDA ENERGY

REPORT TO:
JEFF SIMSA

for L&P

RELEASED BY <i>[Signature]</i>	DATE/TIME <i>8-28-19</i>	RECEIVED BY <i>[Signature]</i>	DATE/TIME <i>8/28/19 4:55p</i>

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

CHAIN OF CUSTODY

PROJECT NUMBER 2018100140	SITE NAME/ADDRESS whitewater 32	COMPANY/NAME LER
SAMPLED BY BPR	COMPANY GCEs	GTA PROJECT # 082819-7

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
34	MW 135	8/27/19	11:30	GW	BTEX, chloride
35	MW 13D		12:00		
36	MW 12D		12:30		
37	MW 12S		1:00		
38	MW 5		1:30		
39	MW 2		2:00		
40	MW 8		2:40		
41	MW 17S		3:20		
42	MW 11S		4:00		
43	MW 11d	✓	4:30	✓	✓

BILL TO:

LER

REPORT TO:

J. Simsa

per L.90C

RELEASED BY

DATE/TIME

RECEIVED BY

DATE/TIME

8-28-19

8/28/19 4:55p

REQUESTED TAT



STANDARD



1 BUSINESS DAY



2 BUSINESS DAYS



3 BUSINESS DAYS

CHAIN OF CUSTODY

PROJECT NUMBER 2018100140	SITE NAME/ADDRESS whitewater 32	COMPANY/NAME LER
SAMPLED BY Brendan P. Ruppen	COMPANY GCEs	GTA PROJECT # 082819-7

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
44	MW 10s	8/28/19	9:45	GW	BTEX, Chloride, Spec. Cond.
45	MW 10D		10:15		BTEX, Chloride
46	MW 1D		10:45		
47	MW 25s		11:30		
48	MW 25D		12:00		
49	MW 4D		12:40		
50	MW 4s		1:20		
51	MW 6		1:40		
52	MW 31D		2:00		
53	MW 32D		2:30		

BILL TO: **LER**

REPORT TO:
J. Simsa

RELEASED BY **DATE/TIME**
[Signature] **8-28-19**

RECEIVED BY **DATE/TIME**
[Signature] **8/28/19 4:55p**

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