



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: 022720-2

Site Addr: WHITEWATER 32 CPF

Sampled By: MARK STOVER/GCES

Date Rec: 2/27/2020

Time Rec: 2:35 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-47DD	2/25/2020		WATER
2	MW-37DD	2/25/2020		WATER
3	MW-48DD	2/25/2020		WATER
4	MW-43DD	2/25/2020		WATER
5	MW-42DD	2/25/2020		WATER
6	MW-44DD	2/25/2020		WATER
7	MW-45DD	2/25/2020		WATER
8	MW-18D	2/26/2020		WATER
9	MW-36DD	2/26/2020		WATER
10	MW-30DDD	2/26/2020		WATER
11	MW-34DD	2/26/2020		WATER
12	MW-35DD	2/26/2020		WATER
13	MW-29DD	2/26/2020		WATER
14	MW-33D	2/26/2020		WATER
15	MW-26D	2/26/2020		WATER
16	MW-34D	2/26/2020		WATER
17	MW-31D	2/26/2020		WATER
18	MW-32D	2/26/2020		WATER
19	MW-50D	2/27/2020		WATER
20	MW-9	2/27/2020		WATER
21	MW-9M	2/27/2020		WATER
22	MW-51	2/27/2020		WATER
23	MW-16S	2/27/2020		WATER
24	MW-49D	2/27/2020		WATER
25	MW-1D	2/25/2020	11:00 AM	WATER
26	MW-11S	2/25/2020	11:30 AM	WATER
27	MW-11D	2/25/2020	12:00 PM	WATER
28	MW-13S	2/25/2020	12:30 PM	WATER
29	MW-13D	2/25/2020	1:00 PM	WATER
30	MW-5	2/25/2020	1:30 PM	WATER
31	MW-8	2/25/2020	2:00 PM	WATER
32	MW-21D	2/25/2020	2:30 PM	WATER
33	MW-2	2/25/2020	3:00 PM	WATER
34	MW-10S	2/26/2020	10:00 AM	WATER
35	MW-12D	2/26/2020	11:00 AM	WATER
36	MW-14DD	2/26/2020	11:30 AM	WATER
37	MW-14D	2/26/2020	12:00 PM	WATER
38	MW-17S	2/26/2020	1:00 PM	WATER
39	MW-22D	2/26/2020	2:00 PM	WATER
40	MW-19D	2/26/2020	2:30 PM	WATER
41	MW-19DD	2/26/2020	3:00 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 Chase

Kirk L. Chase/Chemist
Grand Traverse Analytical
830 Robinwood Court
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PH: 231-929-0905

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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: 022720-2
GTA SAMPLE NO: 14
DATE SAMPLED: 2/26/2020
TIME SAMPLED:
DATE RECEIVED: 2/27/2020
TIME RECEIVED: 2:35 PM
SAMPLED BY: MARK STOVER/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		2/28/2020	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

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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: 022720-2
GTA SAMPLE NO: 15
DATE SAMPLED: 2/26/2020
TIME SAMPLED:
DATE RECEIVED: 2/27/2020
TIME RECEIVED: 2:35 PM
SAMPLED BY: MARK STOVER/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		2/28/2020	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: 022720-2
GTA SAMPLE NO: 16
DATE SAMPLED: 2/26/2020
TIME SAMPLED:
DATE RECEIVED: 2/27/2020
TIME RECEIVED: 2:35 PM
SAMPLED BY: MARK STOVER/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	1.0	1.0	ug/L (PPB)	MR		2/28/2020	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-31D

GTA PROJECT NO: 022720-2
GTA SAMPLE NO: 17
DATE SAMPLED: 2/26/2020
TIME SAMPLED:
DATE RECEIVED: 2/27/2020
TIME RECEIVED: 2:35 PM
SAMPLED BY: MARK STOVER/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		2/28/2020	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-32D

GTA PROJECT NO: 022720-2
GTA SAMPLE NO: 18
DATE SAMPLED: 2/26/2020
TIME SAMPLED:
DATE RECEIVED: 2/27/2020
TIME RECEIVED: 2:35 PM
SAMPLED BY: MARK STOVER/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	20	1.0	ug/L (PPB)	MR		2/28/2020	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	8.8	1.0					
Xylene(Total)	110	3.0					
1,2,4-Trimethylbenzene	42	1.0					
1,3,5-Trimethylbenzene	9.2	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-50D

GTA PROJECT NO: 022720-2
GTA SAMPLE NO: 19
DATE SAMPLED: 2/27/2020
TIME SAMPLED:
DATE RECEIVED: 2/27/2020
TIME RECEIVED: 2:35 PM
SAMPLED BY: MARK STOVER/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		2/28/2020	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: 022720-2
GTA SAMPLE NO: 20
DATE SAMPLED: 2/27/2020
TIME SAMPLED:
DATE RECEIVED: 2/27/2020
TIME RECEIVED: 2:35 PM
SAMPLED BY: MARK STOVER/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		2/28/2020	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-9M

GTA PROJECT NO: 022720-2
GTA SAMPLE NO: 21
DATE SAMPLED: 2/27/2020
TIME SAMPLED:
DATE RECEIVED: 2/27/2020
TIME RECEIVED: 2:35 PM
SAMPLED BY: MARK STOVER/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		2/28/2020	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-51
GTA PROJECT NO: 022720-2
GTA SAMPLE NO: 22
DATE SAMPLED: 2/27/2020
TIME SAMPLED:
DATE RECEIVED: 2/27/2020
TIME RECEIVED: 2:35 PM
SAMPLED BY: MARK STOVER/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		2/28/2020	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.

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LOD = LIMIT OF DETECTION

COMPANY:	LAMBDA ENERGY RESOURCES, LLC	GTA PROJECT NO:	022720-2
PROJECT NO:	2018100140.01	GTA SAMPLE NO:	23
LOCATION:	WHITEWATER 32 CPF	DATE SAMPLED:	2/27/2020
		TIME SAMPLED:	
	MI	DATE RECEIVED:	2/27/2020
		TIME RECEIVED:	2:35 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-16S	SAMPLED BY:	MARK STOVER/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	11	1.0	ug/L (PPB)	MR		2/28/2020	EPA 5030B
Toluene	140	10					
Ethylbenzene	25	1.0					
Xylene(Total)	92	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-49D

GTA PROJECT NO: 022720-2
GTA SAMPLE NO: 24
DATE SAMPLED: 2/27/2020
TIME SAMPLED:
DATE RECEIVED: 2/27/2020
TIME RECEIVED: 2:35 PM
SAMPLED BY: MARK STOVER/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		2/28/2020	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	1.8	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					

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

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LOD = LIMIT OF DETECTION

COMPANY:	LAMBDA ENERGY RESOURCES, LLC	GTA PROJECT NO:	022720-2
PROJECT NO:	2018100140.01	GTA SAMPLE NO:	25
LOCATION:	WHITEWATER 32 CPF	DATE SAMPLED:	2/25/2020
		TIME SAMPLED:	11:00 AM
		DATE RECEIVED:	2/27/2020
	MI	TIME RECEIVED:	2:35 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-1D	SAMPLED BY:	MARK STOVER/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		2/28/2020	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	1.5	1.0					
Xylene(Total)	4.0	3.0					
1,2,4-Trimethylbenzene	2.3	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-11S

GTA PROJECT NO: 022720-2
GTA SAMPLE NO: 26
DATE SAMPLED: 2/25/2020
TIME SAMPLED: 11:30 AM
DATE RECEIVED: 2/27/2020
TIME RECEIVED: 2:35 PM
SAMPLED BY: MARK STOVER/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		2/28/2020	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	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					

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

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-11D

GTA PROJECT NO: 022720-2
GTA SAMPLE NO: 27
DATE SAMPLED: 2/25/2020
TIME SAMPLED: 12:00 PM
DATE RECEIVED: 2/27/2020
TIME RECEIVED: 2:35 PM
SAMPLED BY: MARK STOVER/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		2/28/2020	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	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					

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:	022720-2
PROJECT NO:	2018100140.01	GTA SAMPLE NO:	28
LOCATION:	WHITEWATER 32 CPF	DATE SAMPLED:	2/25/2020
		TIME SAMPLED:	12:30 PM
		DATE RECEIVED:	2/27/2020
	MI	TIME RECEIVED:	2:35 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-13S	SAMPLED BY:	MARK STOVER/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		2/28/2020	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	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					

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

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LOD = LIMIT OF DETECTION

COMPANY:	LAMBDA ENERGY RESOURCES, LLC	GTA PROJECT NO:	022720-2
PROJECT NO:	2018100140.01	GTA SAMPLE NO:	29
LOCATION:	WHITEWATER 32 CPF	DATE SAMPLED:	2/25/2020
		TIME SAMPLED:	1:00 PM
		DATE RECEIVED:	2/27/2020
	MI	TIME RECEIVED:	2:35 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-13D	SAMPLED BY:	MARK STOVER/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		2/28/2020	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	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					

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
SAMPLE MATRIX: WATER
SAMPLE ID: MW-5

GTA PROJECT NO: 022720-2
GTA SAMPLE NO: 30
DATE SAMPLED: 2/25/2020
TIME SAMPLED: 1:30 PM
DATE RECEIVED: 2/27/2020
TIME RECEIVED: 2:35 PM
SAMPLED BY: MARK STOVER/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		2/28/2020	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	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					

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-8

GTA PROJECT NO: 022720-2
GTA SAMPLE NO: 31
DATE SAMPLED: 2/25/2020
TIME SAMPLED: 2:00 PM
DATE RECEIVED: 2/27/2020
TIME RECEIVED: 2:35 PM
SAMPLED BY: MARK STOVER/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		2/28/2020	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	2.4	1.0					
Xylene(Total)	17	3.0					
1,2,4-Trimethylbenzene	22	1.0					
1,3,5-Trimethylbenzene	15	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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

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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-21D

GTA PROJECT NO: 022720-2
GTA SAMPLE NO: 32
DATE SAMPLED: 2/25/2020
TIME SAMPLED: 2:30 PM
DATE RECEIVED: 2/27/2020
TIME RECEIVED: 2:35 PM
SAMPLED BY: MARK STOVER/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		2/28/2020	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	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					

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

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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-2

GTA PROJECT NO: 022720-2
GTA SAMPLE NO: 33
DATE SAMPLED: 2/25/2020
TIME SAMPLED: 3:00 PM
DATE RECEIVED: 2/27/2020
TIME RECEIVED: 2:35 PM
SAMPLED BY: MARK STOVER/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		2/28/2020	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	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					

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

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LOD = LIMIT OF DETECTION

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PROJECT NO: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-10S

GTA PROJECT NO: 022720-2
GTA SAMPLE NO: 34
DATE SAMPLED: 2/26/2020
TIME SAMPLED: 10:00 AM
DATE RECEIVED: 2/27/2020
TIME RECEIVED: 2:35 PM
SAMPLED BY: MARK STOVER/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		2/28/2020	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

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

GTA PROJECT NO: 022720-2
GTA SAMPLE NO: 35
DATE SAMPLED: 2/26/2020
TIME SAMPLED: 11:00 AM
DATE RECEIVED: 2/27/2020
TIME RECEIVED: 2:35 PM
SAMPLED BY: MARK STOVER/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		2/28/2020	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.

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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-14DD

GTA PROJECT NO: 022720-2
GTA SAMPLE NO: 36
DATE SAMPLED: 2/26/2020
TIME SAMPLED: 11:30 AM
DATE RECEIVED: 2/27/2020
TIME RECEIVED: 2:35 PM
SAMPLED BY: MARK STOVER/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		2/28/2020	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

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PROJECT NO: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-14D

GTA PROJECT NO: 022720-2
GTA SAMPLE NO: 37
DATE SAMPLED: 2/26/2020
TIME SAMPLED: 12:00 PM
DATE RECEIVED: 2/27/2020
TIME RECEIVED: 2:35 PM
SAMPLED BY: MARK STOVER/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	7.0	1.0	ug/L (PPB)	MR		3/2/2020	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	870	10					
Xylene(Total)	1,590	21					
1,2,4-Trimethylbenzene	68	10					
1,3,5-Trimethylbenzene	27	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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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-17S

GTA PROJECT NO: 022720-2
GTA SAMPLE NO: 38
DATE SAMPLED: 2/26/2020
TIME SAMPLED: 1:00 PM
DATE RECEIVED: 2/27/2020
TIME RECEIVED: 2:35 PM
SAMPLED BY: MARK STOVER/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		2/28/2020	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.

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LOD = LIMIT OF DETECTION

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

GTA PROJECT NO: 022720-2
GTA SAMPLE NO: 39
DATE SAMPLED: 2/26/2020
TIME SAMPLED: 2:00 PM
DATE RECEIVED: 2/27/2020
TIME RECEIVED: 2:35 PM
SAMPLED BY: MARK STOVER/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	2.8	1.0	ug/L (PPB)	MR		2/28/2020	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	84	1.0					
Xylene(Total)	440	21					
1,2,4-Trimethylbenzene	150	10					
1,3,5-Trimethylbenzene	15	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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

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LOD = LIMIT OF DETECTION

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PROJECT NO: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-19D

GTA PROJECT NO: 022720-2
GTA SAMPLE NO: 40
DATE SAMPLED: 2/26/2020
TIME SAMPLED: 2:30 PM
DATE RECEIVED: 2/27/2020
TIME RECEIVED: 2:35 PM
SAMPLED BY: MARK STOVER/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	4.6	1.0	ug/L (PPB)	MR		2/29/2020	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	810	10					
Xylene(Total)	1,700	21					
1,2,4-Trimethylbenzene	140	10					
1,3,5-Trimethylbenzene	33	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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

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LOD = LIMIT OF DETECTION

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PROJECT NO: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLED BY: MARK STOVER/GCES

GTA PROJECT NO: 022720-2
GTA SAMPLE NO: 1
DATE SAMPLED: 2/25/2020
TIME SAMPLED:
DATE RECEIVED: 2/27/2020
TIME RECEIVED: 2:35 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	43	10	mg/L (PPM)	LV	2/27/2020	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: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLED BY: MARK STOVER/GCES

GTA PROJECT NO: 022720-2
GTA SAMPLE NO: 2
DATE SAMPLED: 2/25/2020
TIME SAMPLED:
DATE RECEIVED: 2/27/2020
TIME RECEIVED: 2:35 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	2/27/2020	WATER

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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: MARK STOVER/GCES

GTA PROJECT NO: 022720-2
GTA SAMPLE NO: 3
DATE SAMPLED: 2/25/2020
TIME SAMPLED:
DATE RECEIVED: 2/27/2020
TIME RECEIVED: 2:35 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	200	10	mg/L (PPM)	LV	2/27/2020	WATER

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LOD = LIMIT OF DETECTION
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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLED BY: MARK STOVER/GCES

GTA PROJECT NO: 022720-2
GTA SAMPLE NO: 4
DATE SAMPLED: 2/25/2020
TIME SAMPLED:
DATE RECEIVED: 2/27/2020
TIME RECEIVED: 2:35 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	190	10	mg/L (PPM)	LV	2/27/2020	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: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLED BY: MARK STOVER/GCES

GTA PROJECT NO: 022720-2
GTA SAMPLE NO: 5
DATE SAMPLED: 2/25/2020
TIME SAMPLED:
DATE RECEIVED: 2/27/2020
TIME RECEIVED: 2:35 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	680	50	mg/L (PPM)	LV	2/27/2020	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: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLED BY: MARK STOVER/GCES

GTA PROJECT NO: 022720-2
GTA SAMPLE NO: 6
DATE SAMPLED: 2/25/2020
TIME SAMPLED:
DATE RECEIVED: 2/27/2020
TIME RECEIVED: 2:35 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-44DD						
	CHLORIDE EPA 300.0	570	20	mg/L (PPM)	LV	2/27/2020	WATER

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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: MARK STOVER/GCES

GTA PROJECT NO: 022720-2
GTA SAMPLE NO: 7
DATE SAMPLED: 2/25/2020
TIME SAMPLED:
DATE RECEIVED: 2/27/2020
TIME RECEIVED: 2:35 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		900	50	mg/L (PPM)	LV	2/27/2020	WATER

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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: MARK STOVER/GCES

GTA PROJECT NO: 022720-2
GTA SAMPLE NO: 8
DATE SAMPLED: 2/26/2020
TIME SAMPLED:
DATE RECEIVED: 2/27/2020
TIME RECEIVED: 2:35 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		120	10	mg/L (PPM)	LV	2/27/2020	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: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLED BY: MARK STOVER/GCES

GTA PROJECT NO: 022720-2
GTA SAMPLE NO: 9
DATE SAMPLED: 2/26/2020
TIME SAMPLED:
DATE RECEIVED: 2/27/2020
TIME RECEIVED: 2:35 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	39	10	mg/L (PPM)	LV	2/27/2020	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: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLED BY: MARK STOVER/GCES

GTA PROJECT NO: 022720-2
GTA SAMPLE NO: 10
DATE SAMPLED: 2/26/2020
TIME SAMPLED:
DATE RECEIVED: 2/27/2020
TIME RECEIVED: 2:35 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		270	10	mg/L (PPM)	LV	2/27/2020	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: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLED BY: MARK STOVER/GCES

GTA PROJECT NO: 022720-2
GTA SAMPLE NO: 11
DATE SAMPLED: 2/26/2020
TIME SAMPLED:
DATE RECEIVED: 2/27/2020
TIME RECEIVED: 2:35 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		500	20	mg/L (PPM)	LV	2/27/2020	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: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLED BY: MARK STOVER/GCES

GTA PROJECT NO: 022720-2
GTA SAMPLE NO: 12
DATE SAMPLED: 2/26/2020
TIME SAMPLED:
DATE RECEIVED: 2/27/2020
TIME RECEIVED: 2:35 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	2/27/2020	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: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLED BY: MARK STOVER/GCES

GTA PROJECT NO: 022720-2
GTA SAMPLE NO: 13
DATE SAMPLED: 2/26/2020
TIME SAMPLED:
DATE RECEIVED: 2/27/2020
TIME RECEIVED: 2:35 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		520	20	mg/L (PPM)	LV	2/28/2020	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: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLED BY: MARK STOVER/GCES

GTA PROJECT NO: 022720-2
GTA SAMPLE NO: 14
DATE SAMPLED: 2/26/2020
TIME SAMPLED:
DATE RECEIVED: 2/27/2020
TIME RECEIVED: 2:35 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	2/28/2020	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: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLED BY: MARK STOVER/GCES

GTA PROJECT NO: 022720-2
GTA SAMPLE NO: 15
DATE SAMPLED: 2/26/2020
TIME SAMPLED:
DATE RECEIVED: 2/27/2020
TIME RECEIVED: 2:35 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	55	10	mg/L (PPM)	LV	2/28/2020	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: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLED BY: MARK STOVER/GCES

GTA PROJECT NO: 022720-2
GTA SAMPLE NO: 16
DATE SAMPLED: 2/26/2020
TIME SAMPLED:
DATE RECEIVED: 2/27/2020
TIME RECEIVED: 2:35 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	57	10	mg/L (PPM)	LV	2/28/2020	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: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLED BY: MARK STOVER/GCES

GTA PROJECT NO: 022720-2
GTA SAMPLE NO: 17
DATE SAMPLED: 2/26/2020
TIME SAMPLED:
DATE RECEIVED: 2/27/2020
TIME RECEIVED: 2:35 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-31D							
CHLORIDE EPA 300.0		66	10	mg/L (PPM)	LV	2/28/2020	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: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLED BY: MARK STOVER/GCES

GTA PROJECT NO: 022720-2
GTA SAMPLE NO: 18
DATE SAMPLED: 2/26/2020
TIME SAMPLED:
DATE RECEIVED: 2/27/2020
TIME RECEIVED: 2:35 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-32D							
CHLORIDE EPA 300.0		26	10	mg/L (PPM)	LV	2/28/2020	WATER

ND = NOT DETECTED, RESULT < LOD
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PROJECT NO: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLED BY: MARK STOVER/GCES

GTA PROJECT NO: 022720-2
GTA SAMPLE NO: 19
DATE SAMPLED: 2/27/2020
TIME SAMPLED:
DATE RECEIVED: 2/27/2020
TIME RECEIVED: 2:35 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		26	10	mg/L (PPM)	LV	2/28/2020	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: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLED BY: MARK STOVER/GCES

GTA PROJECT NO: 022720-2
GTA SAMPLE NO: 20
DATE SAMPLED: 2/27/2020
TIME SAMPLED:
DATE RECEIVED: 2/27/2020
TIME RECEIVED: 2:35 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	2/28/2020	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: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLED BY: MARK STOVER/GCES

GTA PROJECT NO: 022720-2
GTA SAMPLE NO: 21
DATE SAMPLED: 2/27/2020
TIME SAMPLED:
DATE RECEIVED: 2/27/2020
TIME RECEIVED: 2:35 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	2/28/2020	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: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLED BY: MARK STOVER/GCES

GTA PROJECT NO: 022720-2
GTA SAMPLE NO: 22
DATE SAMPLED: 2/27/2020
TIME SAMPLED:
DATE RECEIVED: 2/27/2020
TIME RECEIVED: 2:35 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-51							
CHLORIDE EPA 300.0		ND	10	mg/L (PPM)	LV	2/28/2020	WATER

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PROJECT NO: 2018100140.01
LOCATION: WHITEWATER 32 CPF
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GTA PROJECT NO: 022720-2
GTA SAMPLE NO: 23
DATE SAMPLED: 2/27/2020
TIME SAMPLED:
DATE RECEIVED: 2/27/2020
TIME RECEIVED: 2:35 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	2/28/2020	WATER

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LOCATION: WHITEWATER 32 CPF
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GTA PROJECT NO: 022720-2
GTA SAMPLE NO: 24
DATE SAMPLED: 2/27/2020
TIME SAMPLED:
DATE RECEIVED: 2/27/2020
TIME RECEIVED: 2:35 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	2/28/2020	WATER

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LOD = LIMIT OF DETECTION
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PROJECT NO: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLED BY: MARK STOVER/GCES

GTA PROJECT NO: 022720-2
GTA SAMPLE NO: 25
DATE SAMPLED: 2/25/2020
TIME SAMPLED: 11:00 AM
DATE RECEIVED: 2/27/2020
TIME RECEIVED: 2:35 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	2/28/2020	WATER

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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: MARK STOVER/GCES

GTA PROJECT NO: 022720-2
GTA SAMPLE NO: 26
DATE SAMPLED: 2/25/2020
TIME SAMPLED: 11:30 AM
DATE RECEIVED: 2/27/2020
TIME RECEIVED: 2:35 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		ND	10	mg/L (PPM)	LV	2/28/2020	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: 022720-2

PROJECT NO: 2018100140.01

GTA SAMPLE NO: 27

LOCATION: WHITEWATER 32 CPF

DATE SAMPLED: 2/25/2020

TIME SAMPLED: 12:00 PM

DATE RECEIVED: 2/27/2020

TIME RECEIVED: 2:35 PM

MI

SAMPLED BY: MARK STOVER/GCES

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-11D

CHLORIDE EPA 300.0

Concentration

ND

LOD

10

Units

mg/L (PPM)

Analyst

LV

Date

2/28/2020

Sample

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 GTA PROJECT NO: 022720-2
PROJECT NO: 2018100140.01 GTA SAMPLE NO: 28
LOCATION: WHITEWATER 32 CPF DATE SAMPLED: 2/25/2020
TIME SAMPLED: 12:30 PM
DATE RECEIVED: 2/27/2020
TIME RECEIVED: 2:35 PM
MI
SAMPLED BY: MARK STOVER/GCES

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
SAMPLE ID: MW-13S							
CHLORIDE EPA 300.0		ND	10	mg/L (PPM)	LV	2/28/2020	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: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLED BY: MARK STOVER/GCES

GTA PROJECT NO: 022720-2
GTA SAMPLE NO: 29
DATE SAMPLED: 2/25/2020
TIME SAMPLED: 1:00 PM
DATE RECEIVED: 2/27/2020
TIME RECEIVED: 2:35 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		45	10	mg/L (PPM)	LV	2/28/2020	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: MARK STOVER/GCES

GTA PROJECT NO: 022720-2
GTA SAMPLE NO: 30
DATE SAMPLED: 2/25/2020
TIME SAMPLED: 1:30 PM
DATE RECEIVED: 2/27/2020
TIME RECEIVED: 2:35 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	2/28/2020	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: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLED BY: MARK STOVER/GCES

GTA PROJECT NO: 022720-2
GTA SAMPLE NO: 31
DATE SAMPLED: 2/25/2020
TIME SAMPLED: 2:00 PM
DATE RECEIVED: 2/27/2020
TIME RECEIVED: 2:35 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	2/28/2020	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: MARK STOVER/GCES

GTA PROJECT NO: 022720-2
GTA SAMPLE NO: 32
DATE SAMPLED: 2/25/2020
TIME SAMPLED: 2:30 PM
DATE RECEIVED: 2/27/2020
TIME RECEIVED: 2:35 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-21D							
CHLORIDE EPA 300.0		ND	10	mg/L (PPM)	LV	2/28/2020	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: MARK STOVER/GCES

GTA PROJECT NO: 022720-2
GTA SAMPLE NO: 33
DATE SAMPLED: 2/25/2020
TIME SAMPLED: 3:00 PM
DATE RECEIVED: 2/27/2020
TIME RECEIVED: 2:35 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	2/28/2020	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: MARK STOVER/GCES

GTA PROJECT NO: 022720-2
GTA SAMPLE NO: 34
DATE SAMPLED: 2/26/2020
TIME SAMPLED: 10:00 AM
DATE RECEIVED: 2/27/2020
TIME RECEIVED: 2:35 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-10S CHLORIDE EPA 300.0	23	10	mg/L (PPM)	LV	2/28/2020	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: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLED BY: MARK STOVER/GCES

GTA PROJECT NO: 022720-2
GTA SAMPLE NO: 35
DATE SAMPLED: 2/26/2020
TIME SAMPLED: 11:00 AM
DATE RECEIVED: 2/27/2020
TIME RECEIVED: 2:35 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	2/28/2020	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 GTA PROJECT NO: 022720-2
PROJECT NO: 2018100140.01 GTA SAMPLE NO: 36
LOCATION: WHITEWATER 32 CPF DATE SAMPLED: 2/26/2020
TIME SAMPLED: 11:30 AM
DATE RECEIVED: 2/27/2020
TIME RECEIVED: 2:35 PM
MI
SAMPLED BY: MARK STOVER/GCES

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
	SAMPLE ID: MW-14DD						
	CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	LV	2/28/2020	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 GTA PROJECT NO: 022720-2
PROJECT NO: 2018100140.01 GTA SAMPLE NO: 37
LOCATION: WHITEWATER 32 CPF DATE SAMPLED: 2/26/2020
TIME SAMPLED: 12:00 PM
DATE RECEIVED: 2/27/2020
TIME RECEIVED: 2:35 PM
MI
SAMPLED BY: MARK STOVER/GCES

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
	SAMPLE ID: MW-14D						
	CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	LV	2/28/2020	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: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLED BY: MARK STOVER/GCES

GTA PROJECT NO: 022720-2
GTA SAMPLE NO: 38
DATE SAMPLED: 2/26/2020
TIME SAMPLED: 1:00 PM
DATE RECEIVED: 2/27/2020
TIME RECEIVED: 2:35 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	2/28/2020	WATER

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

**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
SAMPLED BY: MARK STOVER/GCES

GTA PROJECT NO: 022720-2
GTA SAMPLE NO: 39
DATE SAMPLED: 2/26/2020
TIME SAMPLED: 2:00 PM
DATE RECEIVED: 2/27/2020
TIME RECEIVED: 2:35 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	24	10	mg/L (PPM)	LV	2/28/2020	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

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLED BY: MARK STOVER/GCES

GTA PROJECT NO: 022720-2
GTA SAMPLE NO: 40
DATE SAMPLED: 2/26/2020
TIME SAMPLED: 2:30 PM
DATE RECEIVED: 2/27/2020
TIME RECEIVED: 2:35 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	3/3/2020	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: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLED BY: MARK STOVER/GCES

GTA PROJECT NO: 022720-2
GTA SAMPLE NO: 41
DATE SAMPLED: 2/26/2020
TIME SAMPLED: 3:00 PM
DATE RECEIVED: 2/27/2020
TIME RECEIVED: 2:35 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	360	10	mg/L (PPM)	LV	3/3/2020	WATER

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

PG. 1 OF 4

CHAIN OF CUSTODY

PROJECT NUMBER <i>2018100140.01</i>	SITE NAME/ADDRESS <i>WHITewater 32 LPP</i>	COMPANY/NAME <i>LAMBDA ENERGY</i>
SAMPLED BY <i>MARK STOVER</i>	COMPANY <i>G.C.E.S.</i>	GTA PROJECT # <i>022720-2</i>

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	<i>MW-47dd</i>	<i>2-25-20</i>		<i>GW</i>	<i>CHLORIDE</i>
2	<i>MW-37dd</i>	↓			
3	<i>MW-48dd</i>				
4	<i>MW-43dd</i>				
5	<i>MW-42dd</i>				
6	<i>MW-44dd</i>				
7	<i>MW-45dd</i>				
8	<i>MW-18d</i>	<i>2-26-20</i>			
9	<i>MW-36dd</i>	↓			
10	<i>MW-30dd</i>				
11	<i>MW-34dd</i>				
12	<i>MW-35dd</i>				
13	<i>MW-29dd</i>				
14	<i>MW-33d</i>				
15	<i>MW-26d</i>	↓		↓	<i>BTEX, CHLORIDE</i>

BILL TO:

LAMBDA ENERGY

REPORT TO:

JEFF SIMS

RELEASED BY <i>[Signature]</i>	DATE/TIME <i>2-27-20</i>	RECEIVED BY <i>[Signature]</i>	DATE/TIME <i>2/27/20 3:35 PM</i>
			<i>40°C</i>

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

CHAIN OF CUSTODY

PROJECT NUMBER 2018/00140.01	SITE NAME/ADDRESS WHITEWATER 32 CFF	COMPANY/NAME LAMBDA ENERGY
SAMPLED BY MARK STOVER	COMPANY G.C.E.S.	GTA PROJECT # 002720-2

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
16	MW-34d	2-26-20		GW	BTEX, CHLORIDE
17	MW-31d	↓		↓	↓ ↓
18	MW-32d	↓		↓	BTEX+4, CHLORIDE
19	MW-50d	2-27-20			BTEX, CHLORIDE
20	MW-9	↓		↓	↓ ↓
21	MW-9M	↓		↓	
22	MW-51	↓		↓	
23	MW-165	↓		↓	↓ ↓
24	MW-49d	↓		↓	BTEX+4, CHLORIDE

BILL TO:

LAMBDA ENERGY

REPORT TO:

JEFF SIMSA

RELEASED BY

DATE/TIME

RECEIVED BY

DATE/TIME

[Signature] 2-27-20

[Signature] 2/27/20 2:38 PM 9.0°C

REQUESTED TAT



STANDARD



1 BUSINESS DAY



2 BUSINESS DAYS



3 BUSINESS DAYS

CHAIN OF CUSTODY

PROJECT NUMBER 7018100140	SITE NAME/ADDRESS Whitewater 32	COMPANY/NAME LER
SAMPLED BY Brendan P. Ruppen	COMPANY GCES	GTA PROJECT # 022720-2

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
25	MW 1 D	2/25/20	11:00	GW	BTEX+4, Chloride
26	MW 11 S		11:30		
27	MW 11 D		12:00		
28	MW 13 S		12:30		
29	MW 13 D		1:00		
30	MW 5		1:30		
31	MW 8		2:00		
32	MW 21 D		2:30		
33	MW 2		3:00		

BILL TO:

LER

REPORT TO:

J. Simsa

RELEASED BY

DATE/TIME

RECEIVED BY

DATE/TIME

B. Ruppen 2/25/20 4:00

Cold Storage 2/25/20 4:00

2-27-20

2/27/20 2:35 re 4:00

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 Ruppen	COMPANY GCES	GTA PROJECT # 002720-2

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
34	MW 10S	2/16/20	10:00	GW	BTEX, Chloride
35	MW 12D		11:00		
36	MW 14DD		11:30		
37	MW 14D		12:00		BTEX+4, chloride
38	MW 17S		1:00		BTEX, Chloride
39	MW 22D		2:00		BTEX+4, chloride
40	MW 19D		2:30		BTEX, Chloride
41	MW 19DD		3:00		Chloride

BILL TO:

LER

REPORT TO:

J. Simsa

RELEASED BY

DATE/TIME

RECEIVED BY

DATE/TIME

B. Ruppen 2/16/20 4:30
M. E. 2-27-20

Cold Storage 2/16/20 4:30
J. E. 2/27/20 2:35
rec'd 100c

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