



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: 112118-4

Site Addr: WHITEWATER 32 CPF

Sampled By: MS/MK - GCES

Date Rec: 11/21/2018

Time Rec: 3:05 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-47DD	11/19/2018		WATER
2	MW-43DD	11/19/2018		WATER
3	MW-48DD	11/19/2018		WATER
4	MW-37DD	11/19/2018		WATER
5	MW-44DD	11/19/2018		WATER
6	MW-42DD	11/19/2018		WATER
7	MW-45DD	11/19/2018		WATER
8	MW-18D	11/20/2018		WATER
9	MW-50D	11/20/2018		WATER
10	MW-34DD	11/20/2018		WATER
11	MW-29DD	11/20/2018		WATER
12	MW-33D	11/20/2018		WATER
13	MW-26D	11/20/2018		WATER
14	MW-51D	11/20/2018		WATER
15	MW-34D	11/20/2018		WATER
16	MW-14DD	11/19/2018	2:55 PM	WATER
17	MW-14D	11/19/2018	3:15 PM	WATER
18	MW-21D	11/19/2018	3:48 PM	WATER
19	MW-31D	11/20/2018	9:45 AM	WATER
20	MW-32D	11/20/2018	10:40 AM	WATER
21	MW-22D	11/20/2018	11:20 AM	WATER
22	MW-1D	11/20/2018	11:55 AM	WATER
23	MW-12D	11/20/2018	12:50 PM	WATER
24	MW-13S	11/20/2018	1:33 PM	WATER
25	MW-13D	11/20/2018	2:00 PM	WATER
26	MW-11S	11/20/2018	2:55 PM	WATER
27	MW-11D	11/20/2018	3:30 PM	WATER
28	MW-49D	11/20/2018		WATER
29	MW-19D	11/21/2018		WATER
30	MW-36DD	11/21/2018		WATER
31	MW-19DD	11/21/2018		WATER
32	MW-30DDD	11/21/2018		WATER
33	MW-35DD	11/21/2018		WATER
34	MW-17S	11/21/2018	9:26 AM	WATER
35	MW-5	11/21/2018	10:00 AM	WATER
36	MW-2	11/21/2018	10:50 AM	WATER
37	MW-10S	11/21/2018	11:30 AM	WATER
38	MW-8	11/21/2018	12:10 PM	WATER
39	MW-9M	11/21/2018	12:55 PM	WATER
40	MW-9	11/21/2018	1:10 PM	WATER
41	MW-16S	11/21/2018		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
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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-18D
GTA PROJECT NO: 112118-4
GTA SAMPLE NO: 8
DATE SAMPLED: 11/20/2018
TIME SAMPLED:
DATE RECEIVED: 11/21/2018
TIME RECEIVED: 3:05 PM
SAMPLED BY: MS/MK - 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		11/30/2018	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-50D

GTA PROJECT NO: 112118-4
GTA SAMPLE NO: 9
DATE SAMPLED: 11/20/2018
TIME SAMPLED:
DATE RECEIVED: 11/21/2018
TIME RECEIVED: 3:05 PM
SAMPLED BY: MS/MK - 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		11/30/2018	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: 112118-4
GTA SAMPLE NO: 12
DATE SAMPLED: 11/20/2018
TIME SAMPLED:
DATE RECEIVED: 11/21/2018
TIME RECEIVED: 3:05 PM
SAMPLED BY: MS/MK - 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		11/26/2018	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: 112118-4
GTA SAMPLE NO: 13
DATE SAMPLED: 11/20/2018
TIME SAMPLED:
DATE RECEIVED: 11/21/2018
TIME RECEIVED: 3:05 PM
SAMPLED BY: MS/MK - 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		11/26/2018	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: 112118-4
GTA SAMPLE NO: 14
DATE SAMPLED: 11/20/2018
TIME SAMPLED:
DATE RECEIVED: 11/21/2018
TIME RECEIVED: 3:05 PM
SAMPLED BY: MS/MK - 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	3.1	1.0	ug/L (PPB)	MR		11/26/2018	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					

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PROJECT NO: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-34D

GTA PROJECT NO: 112118-4
GTA SAMPLE NO: 15
DATE SAMPLED: 11/20/2018
TIME SAMPLED:
DATE RECEIVED: 11/21/2018
TIME RECEIVED: 3:05 PM
SAMPLED BY: MS/MK - 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	2.6	1.0	ug/L (PPB)	MR		11/26/2018	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-14DD

GTA PROJECT NO: 112118-4
GTA SAMPLE NO: 16
DATE SAMPLED: 11/19/2018
TIME SAMPLED: 2:55 PM
DATE RECEIVED: 11/21/2018
TIME RECEIVED: 3:05 PM
SAMPLED BY: MS/MK - 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		11/26/2018	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					

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PROJECT NO: 2018100140.01

LOCATION: WHITEWATER 32 CPF

MI

SAMPLE MATRIX: WATER

SAMPLE ID: MW-14D

GTA PROJECT NO: 112118-4

GTA SAMPLE NO: 17

DATE SAMPLED: 11/19/2018

TIME SAMPLED: 3:15 PM

DATE RECEIVED: 11/21/2018

TIME RECEIVED: 3:05 PM

SAMPLED BY: MS/MK - 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	3.7	1.0	ug/L (PPB)	MR		11/26/2018	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	140	5.0					
Xylene(Total)	119	11					
1,2,4-Trimethylbenzene	17	1.0					
1,3,5-Trimethylbenzene	5.6	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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PROJECT NO: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-21D

GTA PROJECT NO: 112118-4
GTA SAMPLE NO: 18
DATE SAMPLED: 11/19/2018
TIME SAMPLED: 3:48 PM
DATE RECEIVED: 11/21/2018
TIME RECEIVED: 3:05 PM
SAMPLED BY: MS/MK - 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		11/26/2018	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: 112118-4
GTA SAMPLE NO: 19
DATE SAMPLED: 11/20/2018
TIME SAMPLED: 9:45 AM
DATE RECEIVED: 11/21/2018
TIME RECEIVED: 3:05 PM
SAMPLED BY: MS/MK - 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	3.1	1.0	ug/L (PPB)	MR		11/26/2018	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	4.1	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: 112118-4

GTA SAMPLE NO: 20

DATE SAMPLED: 11/20/2018

TIME SAMPLED: 10:40 AM

DATE RECEIVED: 11/21/2018

TIME RECEIVED: 3:05 PM

SAMPLED BY: MS/MK - 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	43	1.0	ug/L (PPB)	MR		11/26/2018	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	108	5.0					
Xylene(Total)	316	11					
1,2,4-Trimethylbenzene	131	5.0					
1,3,5-Trimethylbenzene	31	1.0					
Naphthalene	7.1	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-22D

GTA PROJECT NO: 112118-4
GTA SAMPLE NO: 21
DATE SAMPLED: 11/20/2018
TIME SAMPLED: 11:20 AM
DATE RECEIVED: 11/21/2018
TIME RECEIVED: 3:05 PM
SAMPLED BY: MS/MK - 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	24	1.0	ug/L (PPB)	MR		11/26/2018	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	148	5.0					
Xylene(Total)	448	11					
1,2,4-Trimethylbenzene	78	5.0					
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-1D
GTA PROJECT NO: 112118-4
GTA SAMPLE NO: 22
DATE SAMPLED: 11/20/2018
TIME SAMPLED: 11:55 AM
DATE RECEIVED: 11/21/2018
TIME RECEIVED: 3:05 PM
SAMPLED BY: MS/MK - 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		11/26/2018	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	8.3	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-12D
GTA PROJECT NO: 112118-4
GTA SAMPLE NO: 23
DATE SAMPLED: 11/20/2018
TIME SAMPLED: 12:50 PM
DATE RECEIVED: 11/21/2018
TIME RECEIVED: 3:05 PM
SAMPLED BY: MS/MK - 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		11/26/2018	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-13S
GTA PROJECT NO: 112118-4
GTA SAMPLE NO: 24
DATE SAMPLED: 11/20/2018
TIME SAMPLED: 1:33 PM
DATE RECEIVED: 11/21/2018
TIME RECEIVED: 3:05 PM
SAMPLED BY: MS/MK - 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		11/26/2018	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-13D

GTA PROJECT NO: 112118-4
GTA SAMPLE NO: 25
DATE SAMPLED: 11/20/2018
TIME SAMPLED: 2:00 PM
DATE RECEIVED: 11/21/2018
TIME RECEIVED: 3:05 PM
SAMPLED BY: MS/MK - 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		11/26/2018	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-11S

GTA PROJECT NO: 112118-4
GTA SAMPLE NO: 26
DATE SAMPLED: 11/20/2018
TIME SAMPLED: 2:55 PM
DATE RECEIVED: 11/21/2018
TIME RECEIVED: 3:05 PM
SAMPLED BY: MS/MK - 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		11/26/2018	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

www.gtanalytical.com

COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-11D
GTA PROJECT NO: 112118-4
GTA SAMPLE NO: 27
DATE SAMPLED: 11/20/2018
TIME SAMPLED: 3:30 PM
DATE RECEIVED: 11/21/2018
TIME RECEIVED: 3:05 PM
SAMPLED BY: MS/MK - 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		11/26/2018	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-49D

GTA PROJECT NO: 112118-4
GTA SAMPLE NO: 28
DATE SAMPLED: 11/20/2018
TIME SAMPLED:
DATE RECEIVED: 11/21/2018
TIME RECEIVED: 3:05 PM
SAMPLED BY: MS/MK - 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	3.8	1.0	ug/L (PPB)	MR		11/27/2018	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	63	5.0					
Xylene(Total)	318	11					
1,2,4-Trimethylbenzene	74	5.0					
1,3,5-Trimethylbenzene	21	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-19D

GTA PROJECT NO: 112118-4
GTA SAMPLE NO: 29
DATE SAMPLED: 11/21/2018
TIME SAMPLED:
DATE RECEIVED: 11/21/2018
TIME RECEIVED: 3:05 PM
SAMPLED BY: MS/MK - 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	10	1.0	ug/L (PPB)	MR		11/27/2018	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	937	10					
Xylene(Total)	1,900	21					
1,2,4-Trimethylbenzene	154	10					
1,3,5-Trimethylbenzene	19	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-17S
GTA PROJECT NO: 112118-4
GTA SAMPLE NO: 34
DATE SAMPLED: 11/21/2018
TIME SAMPLED: 9:26 AM
DATE RECEIVED: 11/21/2018
TIME RECEIVED: 3:05 PM
SAMPLED BY: MS/MK - 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		11/26/2018	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: 112118-4
GTA SAMPLE NO: 35
DATE SAMPLED: 11/21/2018
TIME SAMPLED: 10:00 AM
DATE RECEIVED: 11/21/2018
TIME RECEIVED: 3:05 PM
SAMPLED BY: MS/MK - 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		11/26/2018	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-2

GTA PROJECT NO: 112118-4
GTA SAMPLE NO: 36
DATE SAMPLED: 11/21/2018
TIME SAMPLED: 10:50 AM
DATE RECEIVED: 11/21/2018
TIME RECEIVED: 3:05 PM
SAMPLED BY: MS/MK - 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		11/26/2018	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	12	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-10S
GTA PROJECT NO: 112118-4
GTA SAMPLE NO: 37
DATE SAMPLED: 11/21/2018
TIME SAMPLED: 11:30 AM
DATE RECEIVED: 11/21/2018
TIME RECEIVED: 3:05 PM
SAMPLED BY: MS/MK - 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		11/26/2018	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-8

GTA PROJECT NO: 112118-4
GTA SAMPLE NO: 38
DATE SAMPLED: 11/21/2018
TIME SAMPLED: 12:10 PM
DATE RECEIVED: 11/21/2018
TIME RECEIVED: 3:05 PM
SAMPLED BY: MS/MK - 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		11/27/2018	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	4.9	1.0					
Xylene(Total)	63	3.0					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.
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PROJECT NO: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-9M

GTA PROJECT NO: 112118-4
GTA SAMPLE NO: 39
DATE SAMPLED: 11/21/2018
TIME SAMPLED: 12:55 PM
DATE RECEIVED: 11/21/2018
TIME RECEIVED: 3:05 PM
SAMPLED BY: MS/MK - 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		11/26/2018	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-9

GTA PROJECT NO: 112118-4
GTA SAMPLE NO: 40
DATE SAMPLED: 11/21/2018
TIME SAMPLED: 1:10 PM
DATE RECEIVED: 11/21/2018
TIME RECEIVED: 3:05 PM
SAMPLED BY: MS/MK - 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	2.2	1.0	ug/L (PPB)	MR		11/26/2018	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	51	1.0					
Xylene(Total)	96	3.0					

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-16S

GTA PROJECT NO: 112118-4
GTA SAMPLE NO: 41
DATE SAMPLED: 11/21/2018
TIME SAMPLED:
DATE RECEIVED: 11/21/2018
TIME RECEIVED: 3:05 PM
SAMPLED BY: MS/MK - 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	78	1.0	ug/L (PPB)	MR		11/27/2018	EPA 5030B
Toluene	366	25					
Ethylbenzene	188	25					
Xylene(Total)	633	75					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.
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LOD = LIMIT OF DETECTION

**INDEPENDENT TESTING LAB**

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COMPANY: LAMBDA ENERGY RESOURCES, LLC

PROJECT NO: 2018100140.01

LOCATION: WHITEWATER 32 CPF

GTA PROJECT NO: 112118-4

GTA SAMPLE NO: 1

DATE SAMPLED: 11/19/2018

TIME SAMPLED:

DATE RECEIVED: 11/21/2018

TIME RECEIVED: 3:05 PM

SAMPLED BY: MI
MS/MK - GCES**INORGANICS****No: Analysis**

SAMPLE ID: MW-47DD

CHLORIDE EPA 300.0

Concentration

47.3

LOD

2.5

Units

mg/L (PPM)

Analyst

LV

Date

11/27/2018

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

GTA PROJECT NO: 112118-4

PROJECT NO: 2018100140.01

GTA SAMPLE NO: 2

LOCATION: WHITEWATER 32 CPF

DATE SAMPLED: 11/19/2018

TIME SAMPLED:

DATE RECEIVED: 11/21/2018

TIME RECEIVED: 3:05 PM

MI

SAMPLED BY: MS/MK - GCES

INORGANICS

No: Analysis

SAMPLE ID: MW-43DD

CHLORIDE EPA 300.0

Concentration

LOD

Units

Analyst

Date

Sample

231

2.5

mg/L (PPM)

LV

11/27/2018

WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

COMPANY: LAMBDA ENERGY RESOURCES, LLC

GTA PROJECT NO: 112118-4

PROJECT NO: 2018100140.01

GTA SAMPLE NO: 3

LOCATION: WHITEWATER 32 CPF

DATE SAMPLED: 11/19/2018

TIME SAMPLED:

DATE RECEIVED: 11/21/2018

TIME RECEIVED: 3:05 PM

MI

SAMPLED BY: MS/MK - GCES

INORGANICS

No: Analysis

SAMPLE ID: MW-48DD

CHLORIDE EPA 300.0

Concentration

LOD

Units

Analyst

Date

Sample

211

5.0

mg/L (PPM)

LV

11/27/2018

WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

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

GTA PROJECT NO: 112118-4
GTA SAMPLE NO: 4
DATE SAMPLED: 11/19/2018
TIME SAMPLED:
DATE RECEIVED: 11/21/2018
TIME RECEIVED: 3:05 PM

INORGANICS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
	SAMPLE ID: MW-37DD						
	CHLORIDE EPA 300.0	227	2.5	mg/L (PPM)	LV	11/27/2018	WATER

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

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

GTA PROJECT NO: 112118-4
GTA SAMPLE NO: 5
DATE SAMPLED: 11/19/2018
TIME SAMPLED:
DATE RECEIVED: 11/21/2018
TIME RECEIVED: 3:05 PM

INORGANICS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
SAMPLE ID: MW-44DD							
CHLORIDE EPA 300.0		562	50	mg/L (PPM)	LV	11/27/2018	WATER

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

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

GTA PROJECT NO: 112118-4
GTA SAMPLE NO: 6
DATE SAMPLED: 11/19/2018
TIME SAMPLED:
DATE RECEIVED: 11/21/2018
TIME RECEIVED: 3:05 PM

INORGANICS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
SAMPLE ID: MW-42DD							
CHLORIDE EPA 300.0		892	50	mg/L (PPM)	LV	11/27/2018	WATER

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

COMPANY: LAMBDA ENERGY RESOURCES, LLC

GTA PROJECT NO: 112118-4

PROJECT NO: 2018100140.01

GTA SAMPLE NO: 7

LOCATION: WHITEWATER 32 CPF

DATE SAMPLED: 11/19/2018

TIME SAMPLED:

DATE RECEIVED: 11/21/2018

TIME RECEIVED: 3:05 PM

MI

SAMPLED BY: MS/MK - GCES

INORGANICS

No: Analysis

SAMPLE ID: MW-45DD

CHLORIDE EPA 300.0

Concentration

LOD

Units

Analyst

Date

Sample

926

50

mg/L (PPM)

LV

11/27/2018

WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

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

GTA PROJECT NO: 112118-4
GTA SAMPLE NO: 8
DATE SAMPLED: 11/20/2018
TIME SAMPLED:
DATE RECEIVED: 11/21/2018
TIME RECEIVED: 3:05 PM

INORGANICS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
SAMPLE ID: MW-18D							
CHLORIDE EPA 300.0		159	5.0	mg/L (PPM)	LV	11/27/2018	WATER

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

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

GTA PROJECT NO: 112118-4
GTA SAMPLE NO: 9
DATE SAMPLED: 11/20/2018
TIME SAMPLED:
DATE RECEIVED: 11/21/2018
TIME RECEIVED: 3:05 PM

INORGANICS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
SAMPLE ID: MW-50D							
CHLORIDE EPA 300.0		15.4	2.5	mg/L (PPM)	LV	11/27/2018	WATER

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

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

GTA PROJECT NO: 112118-4
GTA SAMPLE NO: 10
DATE SAMPLED: 11/20/2018
TIME SAMPLED:
DATE RECEIVED: 11/21/2018
TIME RECEIVED: 3:05 PM

INORGANICS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
SAMPLE ID: MW-34DD							
CHLORIDE EPA 300.0		464	20	mg/L (PPM)	LV	11/27/2018	WATER

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

COMPANY: LAMBDA ENERGY RESOURCES, LLC

GTA PROJECT NO: 112118-4

PROJECT NO: 2018100140.01

GTA SAMPLE NO: 11

LOCATION: WHITEWATER 32 CPF

DATE SAMPLED: 11/20/2018

TIME SAMPLED:

DATE RECEIVED: 11/21/2018

TIME RECEIVED: 3:05 PM

MI

SAMPLED BY: MS/MK - GCES

INORGANICS

No: Analysis

SAMPLE ID: MW-29DD

CHLORIDE EPA 300.0

Concentration

LOD

Units

Analyst

Date

Sample

466

10

mg/L (PPM)

LV

11/27/2018

WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

COMPANY: LAMBDA ENERGY RESOURCES, LLC

GTA PROJECT NO: 112118-4

PROJECT NO: 2018100140.01

GTA SAMPLE NO: 12

LOCATION: WHITEWATER 32 CPF

DATE SAMPLED: 11/20/2018

TIME SAMPLED:

DATE RECEIVED: 11/21/2018

TIME RECEIVED: 3:05 PM

MI

SAMPLED BY: MS/MK - GCES

INORGANICS

No: Analysis

SAMPLE ID: MW-33D

CHLORIDE EPA 300.0

Concentration

LOD

Units

Analyst

Date

Sample

13.3

2.5

mg/L (PPM)

LV

11/27/2018

WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

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

GTA PROJECT NO: 112118-4
GTA SAMPLE NO: 13
DATE SAMPLED: 11/20/2018
TIME SAMPLED:
DATE RECEIVED: 11/21/2018
TIME RECEIVED: 3:05 PM

INORGANICS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
SAMPLE ID: MW-26D							
CHLORIDE EPA 300.0		56.2	2.5	mg/L (PPM)	LV	11/27/2018	WATER

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

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

GTA PROJECT NO: 112118-4
GTA SAMPLE NO: 14
DATE SAMPLED: 11/20/2018
TIME SAMPLED:
DATE RECEIVED: 11/21/2018
TIME RECEIVED: 3:05 PM

INORGANICS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
	SAMPLE ID: MW-51D CHLORIDE EPA 300.0	ND	2.5	mg/L (PPM)	LV	11/27/2018	WATER

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

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

GTA PROJECT NO: 112118-4
GTA SAMPLE NO: 15
DATE SAMPLED: 11/20/2018
TIME SAMPLED:
DATE RECEIVED: 11/21/2018
TIME RECEIVED: 3:05 PM

INORGANICS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
SAMPLE ID: MW-34D							
CHLORIDE EPA 300.0		29.5	2.5	mg/L (PPM)	LV	11/27/2018	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

GTA PROJECT NO: 112118-4

GTA SAMPLE NO: 16

DATE SAMPLED: 11/19/2018

TIME SAMPLED: 2:55 PM

DATE RECEIVED: 11/21/2018

TIME RECEIVED: 3:05 PM

SAMPLED BY: MI
MS/MK - GCES**INORGANICS****No: Analysis**

SAMPLE ID: MW-14DD

CHLORIDE EPA 300.0

Concentration

ND

LOD

2.5

Units

mg/L (PPM)

Analyst

LV

Date

11/27/2018

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

PROJECT NO: 2018100140.01

LOCATION: WHITEWATER 32 CPF

GTA PROJECT NO: 112118-4

GTA SAMPLE NO: 17

DATE SAMPLED: 11/19/2018

TIME SAMPLED: 3:15 PM

DATE RECEIVED: 11/21/2018

TIME RECEIVED: 3:05 PM

SAMPLED BY: MI
MS/MK - GCES**INORGANICS****No: Analysis**

SAMPLE ID: MW-14D

CHLORIDE EPA 300.0

Concentration

9.3

LOD

2.5

Units

mg/L (PPM)

Analyst

LV

Date

11/27/2018

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: MS/MK - GCES

GTA PROJECT NO: 112118-4
GTA SAMPLE NO: 18
DATE SAMPLED: 11/19/2018
TIME SAMPLED: 3:48 PM
DATE RECEIVED: 11/21/2018
TIME RECEIVED: 3:05 PM

INORGANICS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
SAMPLE ID: MW-21D							
CHLORIDE EPA 300.0		ND	2.5	mg/L (PPM)	LV	11/27/2018	WATER

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

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

GTA PROJECT NO: 112118-4
GTA SAMPLE NO: 19
DATE SAMPLED: 11/20/2018
TIME SAMPLED: 9:45 AM
DATE RECEIVED: 11/21/2018
TIME RECEIVED: 3:05 PM

INORGANICS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
SAMPLE ID: MW-31D							
CHLORIDE EPA 300.0		31.9	2.5	mg/L (PPM)	LV	11/27/2018	WATER

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

COMPANY: LAMBDA ENERGY RESOURCES, LLC

GTA PROJECT NO: 112118-4

PROJECT NO: 2018100140.01

GTA SAMPLE NO: 20

LOCATION: WHITEWATER 32 CPF

DATE SAMPLED: 11/20/2018

TIME SAMPLED: 10:40 AM

DATE RECEIVED: 11/21/2018

TIME RECEIVED: 3:05 PM

SAMPLED BY: MI
MS/MK - GCES

INORGANICS

No: Analysis

SAMPLE ID: MW-32D

CHLORIDE EPA 300.0

Concentration

LOD

Units

Analyst

Date

Sample

37.2

2.5

mg/L (PPM)

LV

11/27/2018

WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

COMPANY: LAMBDA ENERGY RESOURCES, LLC

GTA PROJECT NO: 112118-4

PROJECT NO: 2018100140.01

GTA SAMPLE NO: 21

LOCATION: WHITEWATER 32 CPF

DATE SAMPLED: 11/20/2018

TIME SAMPLED: 11:20 AM

DATE RECEIVED: 11/21/2018

TIME RECEIVED: 3:05 PM

SAMPLED BY: MI
MS/MK - GCES

INORGANICS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
SAMPLE ID: MW-22D							
CHLORIDE EPA 300.0		35.2	2.5	mg/L (PPM)	LV	11/27/2018	WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

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FAX: 231-929-0894

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COMPANY: LAMBDA ENERGY RESOURCES, LLC

PROJECT NO: 2018100140.01

LOCATION: WHITEWATER 32 CPF

GTA PROJECT NO: 112118-4

GTA SAMPLE NO: 22

DATE SAMPLED: 11/20/2018

TIME SAMPLED: 11:55 AM

DATE RECEIVED: 11/21/2018

TIME RECEIVED: 3:05 PM

SAMPLED BY: MI
MS/MK - GCES**INORGANICS****No: Analysis**

SAMPLE ID: MW-1D

CHLORIDE EPA 300.0

Concentration

11.0

LOD

2.5

Units

mg/L (PPM)

Analyst

LV

Date

11/27/2018

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

GTA PROJECT NO: 112118-4

PROJECT NO: 2018100140.01

GTA SAMPLE NO: 23

LOCATION: WHITEWATER 32 CPF

DATE SAMPLED: 11/20/2018

TIME SAMPLED: 12:50 PM

DATE RECEIVED: 11/21/2018

TIME RECEIVED: 3:05 PM

MI

SAMPLED BY: MS/MK - GCES

INORGANICS

No: Analysis

SAMPLE ID: MW-12D

CHLORIDE EPA 300.0

Concentration

LOD

Units

Analyst

Date

Sample

10.4

2.5

mg/L (PPM)

LV

11/27/2018

WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

COMPANY: LAMBDA ENERGY RESOURCES, LLC

GTA PROJECT NO: 112118-4

PROJECT NO: 2018100140.01

GTA SAMPLE NO: 24

LOCATION: WHITEWATER 32 CPF

DATE SAMPLED: 11/20/2018

TIME SAMPLED: 1:33 PM

DATE RECEIVED: 11/21/2018

TIME RECEIVED: 3:05 PM

SAMPLED BY: MI
MS/MK - GCES

INORGANICS

No: Analysis

SAMPLE ID: MW-13S

CHLORIDE EPA 300.0

Concentration

LOD

Units

Analyst

Date

Sample

10.8

2.5

mg/L (PPM)

LV

11/28/2018

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

GTA PROJECT NO: 112118-4

GTA SAMPLE NO: 25

DATE SAMPLED: 11/20/2018

TIME SAMPLED: 2:00 PM

DATE RECEIVED: 11/21/2018

TIME RECEIVED: 3:05 PM

SAMPLED BY: MI
MS/MK - GCES**INORGANICS****No: Analysis**

SAMPLE ID: MW-13D

CHLORIDE EPA 300.0

Concentration**LOD****Units****Analyst****Date****Sample**

69.7

2.5

mg/L (PPM)

LV

11/28/2018

WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

COMPANY: LAMBDA ENERGY RESOURCES, LLC

GTA PROJECT NO: 112118-4

PROJECT NO: 2018100140.01

GTA SAMPLE NO: 26

LOCATION: WHITEWATER 32 CPF

DATE SAMPLED: 11/20/2018

TIME SAMPLED: 2:55 PM

DATE RECEIVED: 11/21/2018

TIME RECEIVED: 3:05 PM

SAMPLED BY: MI
MS/MK - GCES

INORGANICS

No: Analysis

SAMPLE ID: MW-11S

CHLORIDE EPA 300.0

Concentration

LOD

Units

Analyst

Date

Sample

29.1

2.5

mg/L (PPM)

LV

11/28/2018

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: MS/MK - GCES

GTA PROJECT NO: 112118-4
GTA SAMPLE NO: 27
DATE SAMPLED: 11/20/2018
TIME SAMPLED: 3:30 PM
DATE RECEIVED: 11/21/2018
TIME RECEIVED: 3:05 PM

INORGANICS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
	SAMPLE ID: MW-11D						
	CHLORIDE EPA 300.0	10.8	2.5	mg/L (PPM)	LV	11/28/2018	WATER

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

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

GTA PROJECT NO: 112118-4
GTA SAMPLE NO: 28
DATE SAMPLED: 11/20/2018
TIME SAMPLED:
DATE RECEIVED: 11/21/2018
TIME RECEIVED: 3:05 PM

INORGANICS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
SAMPLE ID: MW-49D							
CHLORIDE EPA 300.0		9.4	2.5	mg/L (PPM)	LV	11/28/2018	WATER

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

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

GTA PROJECT NO: 112118-4
GTA SAMPLE NO: 29
DATE SAMPLED: 11/21/2018
TIME SAMPLED:
DATE RECEIVED: 11/21/2018
TIME RECEIVED: 3:05 PM

INORGANICS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
SAMPLE ID: MW-19D							
CHLORIDE EPA 300.0		4.8	2.5	mg/L (PPM)	LV	11/28/2018	WATER

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

COMPANY:	LAMBDA ENERGY RESOURCES, LLC	GTA PROJECT NO:	112118-4
PROJECT NO:	2018100140.01	GTA SAMPLE NO:	30
LOCATION:	WHITEWATER 32 CPF	DATE SAMPLED:	11/21/2018
		TIME SAMPLED:	
		DATE RECEIVED:	11/21/2018
		TIME RECEIVED:	3:05 PM
	MI		
SAMPLED BY:	MS/MK - GCES		

INORGANICS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
	SAMPLE ID: MW-36DD						
	CHLORIDE EPA 300.0	49.8	2.5	mg/L (PPM)	LV	11/28/2018	WATER

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

COMPANY: LAMBDA ENERGY RESOURCES, LLC

GTA PROJECT NO: 112118-4

PROJECT NO: 2018100140.01

GTA SAMPLE NO: 31

LOCATION: WHITEWATER 32 CPF

DATE SAMPLED: 11/21/2018

TIME SAMPLED:

DATE RECEIVED: 11/21/2018

TIME RECEIVED: 3:05 PM

MI

SAMPLED BY: MS/MK - GCES

INORGANICS

No: Analysis

SAMPLE ID: MW-19DD

CHLORIDE EPA 300.0

Concentration

LOD

Units

Analyst

Date

Sample

358

5.0

mg/L (PPM)

LV

11/28/2018

WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

COMPANY: LAMBDA ENERGY RESOURCES, LLC

GTA PROJECT NO: 112118-4

PROJECT NO: 2018100140.01

GTA SAMPLE NO: 32

LOCATION: WHITEWATER 32 CPF

DATE SAMPLED: 11/21/2018

TIME SAMPLED:

DATE RECEIVED: 11/21/2018

TIME RECEIVED: 3:05 PM

MI

SAMPLED BY: MS/MK - GCES

INORGANICS

No: Analysis

SAMPLE ID: MW-30DDD

CHLORIDE EPA 300.0

Concentration

LOD

Units

Analyst

Date

Sample

369

10

mg/L (PPM)

LV

11/28/2018

WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

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

GTA PROJECT NO: 112118-4
GTA SAMPLE NO: 33
DATE SAMPLED: 11/21/2018
TIME SAMPLED:
DATE RECEIVED: 11/21/2018
TIME RECEIVED: 3:05 PM

INORGANICS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
	SAMPLE ID: MW-35DD CHLORIDE EPA 300.0	494	10	mg/L (PPM)	LV	11/28/2018	WATER

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

COMPANY: LAMBDA ENERGY RESOURCES, LLC

GTA PROJECT NO: 112118-4

PROJECT NO: 2018100140.01

GTA SAMPLE NO: 34

LOCATION: WHITEWATER 32 CPF

DATE SAMPLED: 11/21/2018

TIME SAMPLED: 9:26 AM

DATE RECEIVED: 11/21/2018

TIME RECEIVED: 3:05 PM

SAMPLED BY: MI
MS/MK - GCES

INORGANICS

No: Analysis

SAMPLE ID: MW-17S

CHLORIDE EPA 300.0

Concentration

LOD

Units

Analyst

Date

Sample

6.6

2.5

mg/L (PPM)

LV

11/28/2018

WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

COMPANY:	LAMBDA ENERGY RESOURCES, LLC	GTA PROJECT NO:	112118-4
PROJECT NO:	2018100140.01	GTA SAMPLE NO:	35
LOCATION:	WHITEWATER 32 CPF	DATE SAMPLED:	11/21/2018
		TIME SAMPLED:	10:00 AM
		DATE RECEIVED:	11/21/2018
		TIME RECEIVED:	3:05 PM
	MI		
SAMPLED BY:	MS/MK - GCES		

INORGANICS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
SAMPLE ID: MW-5							
CHLORIDE EPA 300.0		10.8	2.5	mg/L (PPM)	LV	11/28/2018	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

GTA PROJECT NO: 112118-4

GTA SAMPLE NO: 36

DATE SAMPLED: 11/21/2018

TIME SAMPLED: 10:50 AM

DATE RECEIVED: 11/21/2018

TIME RECEIVED: 3:05 PM

SAMPLED BY: MI
MS/MK - GCES**INORGANICS****No: Analysis**

SAMPLE ID: MW-2

CHLORIDE EPA 300.0

Concentration

7.4

LOD

2.5

Units

mg/L (PPM)

Analyst

LV

Date

11/30/2018

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

GTA PROJECT NO: 112118-4
GTA SAMPLE NO: 37
DATE SAMPLED: 11/21/2018
TIME SAMPLED: 11:30 AM
DATE RECEIVED: 11/21/2018
TIME RECEIVED: 3:05 PM

SAMPLE RESULTS

<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	19.9	2.5	mg/L (PPM)	LV	11/30/2018	WATER
	CONDUCTIVITY SM2510-B	410	1.0	uS/cm@25C	LV	11/30/2018	WATER

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



INDEPENDENT TESTING LAB

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COMPANY: LAMBDA ENERGY RESOURCES, LLC

GTA PROJECT NO: 112118-4

PROJECT NO: 2018100140.01

GTA SAMPLE NO: 38

LOCATION: WHITEWATER 32 CPF

DATE SAMPLED: 11/21/2018

TIME SAMPLED: 12:10 PM

DATE RECEIVED: 11/21/2018

TIME RECEIVED: 3:05 PM

MI

SAMPLED BY: MS/MK - GCES

INORGANICS

No: Analysis

SAMPLE ID: MW-8

CHLORIDE EPA 300.0

Concentration

ND

LOD

2.5

Units

mg/L (PPM)

Analyst

LV

Date

11/30/2018

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

GTA PROJECT NO: 112118-4

PROJECT NO: 2018100140.01

GTA SAMPLE NO: 39

LOCATION: WHITEWATER 32 CPF

DATE SAMPLED: 11/21/2018

TIME SAMPLED: 12:55 PM

DATE RECEIVED: 11/21/2018

TIME RECEIVED: 3:05 PM

SAMPLED BY: MI
MS/MK - GCES

INORGANICS

No: Analysis

SAMPLE ID: MW-9M

CHLORIDE EPA 300.0

<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
4.4	2.5	mg/L (PPM)	LV	11/30/2018	WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

COMPANY: LAMBDA ENERGY RESOURCES, LLC

GTA PROJECT NO: 112118-4

PROJECT NO: 2018100140.01

GTA SAMPLE NO: 40

LOCATION: WHITEWATER 32 CPF

DATE SAMPLED: 11/21/2018

TIME SAMPLED: 1:10 PM

DATE RECEIVED: 11/21/2018

TIME RECEIVED: 3:05 PM

SAMPLED BY: MI
MS/MK - GCES

INORGANICS

No: Analysis

SAMPLE ID: MW-9

CHLORIDE EPA 300.0

Concentration

LOD

Units

Analyst

Date

Sample

ND

2.5

mg/L (PPM)

LV

11/30/2018

WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

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

GTA PROJECT NO: 112118-4
GTA SAMPLE NO: 41
DATE SAMPLED: 11/21/2018
TIME SAMPLED:
DATE RECEIVED: 11/21/2018
TIME RECEIVED: 3:05 PM

INORGANICS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
	SAMPLE ID: MW-16S CHLORIDE EPA 300.0	ND	2.5	mg/L (PPM)	LV	11/30/2018	WATER

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

10/4

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>112118-4</i>

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	<i>mw-47dd</i>	<i>11-19-18</i>		<i>GW</i>	<i>CHLORIDE</i>
2	<i>mw-43dd</i>	↓			
3	<i>mw-48dd</i>				
4	<i>mw-37dd</i>				
5	<i>mw-44dd</i>				
6	<i>mw-42dd</i>				
7	<i>mw-45dd</i>				
8	<i>mw-18d</i>	<i>11-20-18</i>			
9	<i>mw-50d</i>	↓			
10	<i>mw-34dd</i>				
11	<i>mw-29dd</i>				
12	<i>mw-33d</i>				<i>+ BTEX</i>
13	<i>mw-26d</i>				
14	<i>mw-51d</i>				
15	<i>mw-34d</i>	↓			↓

BILL TO: *G.C.E.S.*

REPORT TO:
JEFF SIMSA

RELEASED BY <i>[Signature]</i>	DATE/TIME <i>11/21/18 3:05</i>	RECEIVED BY <i>[Signature]</i>	DATE/TIME <i>11/28/18 3:05</i>
			<i>rec'd</i>

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

244

CHAIN OF CUSTODY

PROJECT NUMBER 201810040.01	SITE NAME/ADDRESS Whitewater 32 CRF	COMPANY/NAME Lambda Energy Resources, LLC
SAMPLED BY Max Korndorfer	COMPANY G.C.E.S	GTA PROJECT # 112118-4

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
16	MW 14 DD	11/19/18	2:55	GW	BTEX, Chloride
17	MW 14 D	11/19/18	3:15	GW	BTEX +4, Chloride
18	MW 21 D	11/19/18	3:48	GW	BTEX, Chloride
19	MW 31 D	11/20/18	9:45	GW	BTEX, Chloride
20	MW 32 D		10:40	GW	BTEX +4, Chloride
21	MW 22 D		11:20	GW	BTEX +4, Chloride
22	MW 1 D		11:55	GW	BTEX, Chloride
23	MW 12 D		12:50	GW	BTEX, Chloride
24	MW BS		1:33	GW	BTEX, Chloride
25	MW 13 D		2:00	GW	BTEX, Chloride
26	MW 11 S		2:55	GW	BTEX, Chloride
27	MW 11 D		3:30	GW	BTEX, Chloride
28					
29					
30					

BILL TO:

G.C.E.S

REPORT TO:

Jeff Simsa

RELEASED BY

DATE/TIME

[Signature]

11/21/18 3:05

RECEIVED BY

DATE/TIME

[Signature]

11/21/18 3:05

received

REQUESTED TAT

☒ STANDARD

☐ 1 BUSINESS DAY

☐ 2 BUSINESS DAYS

☐ 3 BUSINESS DAYS

INDEPENDENT TESTING LAB

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

3084

CHAIN OF CUSTODY

PROJECT NUMBER <i>201810040.01</i>	SITE NAME/ADDRESS <i>WHITewater 32 CPE</i>	COMPANY/NAME <i>LAMBDA ENERGY</i>
SAMPLED BY <i>MARK STOVER</i>	COMPANY <i>G.C.E.S.</i>	GTA PROJECT # <i>112118-4</i>

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
28	<i>mw-49d</i>	<i>11-20-18</i>		<i>GW</i>	<i>BTEX + 4, CHLORIDE</i>
29	<i>mw-19d</i>	<i>11-21-18</i>			<i>↓ ↓</i>
30	<i>mw-36dd</i>	<i>↓</i>		<i>↓</i>	<i>CHLORIDE</i>
31	<i>mw-19dd</i>				<i>↓</i>
32	<i>mw-30ddd</i>				<i>↓</i>
33	<i>mw-35dd</i>	<i>↓</i>		<i>↓</i>	<i>↓</i>

BILL TO:

G.C.E.S.

REPORT TO:

JEFF SIMSA

RELEASED BY <i>[Signature]</i>	DATE/TIME <i>11/21/18 3:05</i>	RECEIVED BY <i>[Signature]</i>	DATE/TIME <i>11/21/18 3:05</i>
		<i>REC'd</i>	

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

INDEPENDENT TESTING LAB

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PH: 231-929-0905

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www.gtanalytical.com

4 of 4

CHAIN OF CUSTODY

PROJECT NUMBER 2018100140.01	SITE NAME/ADDRESS Whitewater 32 CPF	COMPANY/NAME Lambda Energy Resources, LLC
SAMPLED BY Max Kpandorfer	COMPANY G.C.E.S	GTA PROJECT # 112118-4

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
34	MW 17s	11/21/18	9:26	GW	BTEX, Chloride
35	MW 5		10:	GW	
36	MW 2		10:50	GW	
37	MW 10s		11:30	GW	BTEX, Chloride, Sp. Cond.
38	MW 8		12:10	GW	
39	MW 9m		12:55	GW	
40	MW 9		1:10	GW	
41	MW-16s			GW	BTEX +

BILL TO:

G.C.E.S

REPORT TO:

Jeff Simsa

RELEASED BY

DATE/TIME

RECEIVED BY

DATE/TIME

[Signature] 11/21/18 3:05

[Signature] 11/21/18 3:05
rec cdg

REQUESTED TAT

☒ STANDARD

☐ 1 BUSINESS DAY

☐ 2 BUSINESS DAYS

☐ 3 BUSINESS DAYS