

**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: 020321-1

Site Addr: WHITEWATER 32 CPF

Sampled By: JG/MS - GCES

Date Rec: 2/3/2021

Time Rec: 2:50 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-19DD	2/1/2021		WATER
2	MW-37DD	2/1/2021		WATER
3	MW-43DD	2/1/2021		WATER
4	MW-48DD	2/1/2021		WATER
5	MW-44DD	2/2/2021		WATER
6	MW-45DD	2/2/2021		WATER
7	MW-46DD	2/2/2021		WATER
8	MW-29DD	2/2/2021		WATER
9	MW-19D	2/2/2021		WATER
10	MW-51D	2/3/2021		WATER
11	MW-31D	2/3/2021		WATER
12	MW-32D	2/3/2021		WATER
13	MW-49D	2/3/2021		WATER
14	MW-34D	2/1/2021		WATER
15	MW-30DDD	2/1/2021		WATER
16	MW-34DD	2/1/2021		WATER
17	MW-35DD	2/1/2021		WATER
18	MW-42DD	2/1/2021		WATER
19	MW-18D	2/2/2021		WATER
20	MW-50D	2/2/2021		WATER
21	MW-12S	2/2/2021		WATER
22	MW-12D	2/2/2021		WATER
23	MW-41DD	2/2/2021		WATER
24	MW-10S	2/3/2021		WATER
25	MW-9	2/3/2021		WATER
26	MW-16S	2/3/2021		WATER
27	MW-14D	2/3/2021		WATER

ELECTRONIC SIGNATURE REPORT. This is a final report for the following pages of data for the samples specified above. All analysis was performed by the methods stated and all quality control measures required were completed. All quality control information is available upon request.

Kirk Chase

Kirk L. Chase/Chemist
Grand Traverse Analytical
830 Robinwood Court
Traverse City, MI 49686
Ph: 231-929-0905
Fx: 231-929-0894
SP: 231-590-0291
kirk@gtanalytical.com

**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-19D

GTA PROJECT NO: 020321-1
GTA SAMPLE NO: 9
DATE SAMPLED: 2/2/2021
TIME SAMPLED:
DATE RECEIVED: 2/3/2021
TIME RECEIVED: 2:50 PM
SAMPLED BY: JG/MS - 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	5.0	ug/L (PPB)	MR		2/5/2021	EPA 5030B
Toluene	ND	5.0					
Ethylbenzene	800	50					
Xylene(Total)	930	110					
1,2,4-Trimethylbenzene	150	5.0					
1,3,5-Trimethylbenzene	35	5.0					
Naphthalene	ND	12					
2-Methylnaphthalene	ND	12					

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-51D

GTA PROJECT NO: 020321-1
GTA SAMPLE NO: 10
DATE SAMPLED: 2/3/2021
TIME SAMPLED:
DATE RECEIVED: 2/3/2021
TIME RECEIVED: 2:50 PM
SAMPLED BY: JG/MS - 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	2.1	1.0	ug/L (PPB)	MR		2/5/2021	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	4.6	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-31D

GTA PROJECT NO: 020321-1
GTA SAMPLE NO: 11
DATE SAMPLED: 2/3/2021
TIME SAMPLED:
DATE RECEIVED: 2/3/2021
TIME RECEIVED: 2:50 PM
SAMPLED BY: JG/MS - 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	110	1.0	ug/L (PPB)	MR		2/5/2021	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-32D

GTA PROJECT NO: 020321-1
GTA SAMPLE NO: 12
DATE SAMPLED: 2/3/2021
TIME SAMPLED:
DATE RECEIVED: 2/3/2021
TIME RECEIVED: 2:50 PM
SAMPLED BY: JG/MS - 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	2.4	1.0	ug/L (PPB)	MR		2/5/2021	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	3.6	1.0					
Xylene(Total)	45	3.0					
1,2,4-Trimethylbenzene	41	1.0					
1,3,5-Trimethylbenzene	8.9	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

www.gtanalytical.com

COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-49D

GTA PROJECT NO: 020321-1
GTA SAMPLE NO: 13
DATE SAMPLED: 2/3/2021
TIME SAMPLED:
DATE RECEIVED: 2/3/2021
TIME RECEIVED: 2:50 PM
SAMPLED BY: JG/MS - GCES

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Complete</u>	<u>Prep Method</u>
Benzene	5.4	1.0	ug/L (PPB)	MR		2/5/2021	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	290	10					
Xylene(Total)	270	21					
1,2,4-Trimethylbenzene	54	1.0					
1,3,5-Trimethylbenzene	14	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

www.gtanalytical.com

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

GTA PROJECT NO: 020321-1
GTA SAMPLE NO: 14
DATE SAMPLED: 2/1/2021
TIME SAMPLED:
DATE RECEIVED: 2/3/2021
TIME RECEIVED: 2:50 PM
SAMPLED BY: JG/MS - 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		2/5/2021	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-50D

GTA PROJECT NO: 020321-1
GTA SAMPLE NO: 20
DATE SAMPLED: 2/2/2021
TIME SAMPLED:
DATE RECEIVED: 2/3/2021
TIME RECEIVED: 2:50 PM
SAMPLED BY: JG/MS - 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		2/5/2021	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					

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

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100140.01
LOCATION: WHITEWATER 32 CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-12S
GTA PROJECT NO: 020321-1
GTA SAMPLE NO: 21
DATE SAMPLED: 2/2/2021
TIME SAMPLED:
DATE RECEIVED: 2/3/2021
TIME RECEIVED: 2:50 PM
SAMPLED BY: JG/MS - 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		2/5/2021	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-12D

GTA PROJECT NO: 020321-1
GTA SAMPLE NO: 22
DATE SAMPLED: 2/2/2021
TIME SAMPLED:
DATE RECEIVED: 2/3/2021
TIME RECEIVED: 2:50 PM
SAMPLED BY: JG/MS - 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		2/5/2021	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	38	1.0					
Xylene(Total)	210	21					
1,2,4-Trimethylbenzene	240	10					
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.

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-10S
GTA PROJECT NO: 020321-1
GTA SAMPLE NO: 24
DATE SAMPLED: 2/3/2021
TIME SAMPLED:
DATE RECEIVED: 2/3/2021
TIME RECEIVED: 2:50 PM
SAMPLED BY: JG/MS - 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		2/5/2021	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-9

GTA PROJECT NO: 020321-1
GTA SAMPLE NO: 25
DATE SAMPLED: 2/3/2021
TIME SAMPLED:
DATE RECEIVED: 2/3/2021
TIME RECEIVED: 2:50 PM
SAMPLED BY: JG/MS - 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		2/5/2021	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-16S

GTA PROJECT NO: 020321-1
GTA SAMPLE NO: 26
DATE SAMPLED: 2/3/2021
TIME SAMPLED:
DATE RECEIVED: 2/3/2021
TIME RECEIVED: 2:50 PM
SAMPLED BY: JG/MS - 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	31	5.0	ug/L (PPB)	MR		2/6/2021	EPA 5030B
Toluene	550	50					
Ethylbenzene	99	5.0					
Xylene(Total)	350	15					

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-14D

GTA PROJECT NO: 020321-1
GTA SAMPLE NO: 27
DATE SAMPLED: 2/3/2021
TIME SAMPLED:
DATE RECEIVED: 2/3/2021
TIME RECEIVED: 2:50 PM
SAMPLED BY: JG/MS - 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	5.0	ug/L (PPB)	MR		2/6/2021	EPA 5030B
Toluene	ND	5.0					
Ethylbenzene	1,600	50					
Xylene(Total)	1,800	100					
1,2,4-Trimethylbenzene	230	5.0					
1,3,5-Trimethylbenzene	60	5.0					
Naphthalene	ND	12					
2-Methylnaphthalene	ND	12					

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
SAMPLED BY: JG/MS - GCES

GTA PROJECT NO: 020321-1
GTA SAMPLE NO: 1
DATE SAMPLED: 2/1/2021
TIME SAMPLED:
DATE RECEIVED: 2/3/2021
TIME RECEIVED: 2:50 PM

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample</u>
	SAMPLE ID: MW-19DD						
	CHLORIDE EPA 300.0	450	10	mg/L (PPM)	LV	2/3/2021	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: JG/MS - GCES

GTA PROJECT NO: 020321-1
GTA SAMPLE NO: 2
DATE SAMPLED: 2/1/2021
TIME SAMPLED:
DATE RECEIVED: 2/3/2021
TIME RECEIVED: 2:50 PM

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample</u>
SAMPLE ID: MW-37DD							
CHLORIDE EPA 300.0		290	10	mg/L (PPM)	LV	2/3/2021	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: JG/MS - GCES

GTA PROJECT NO: 020321-1
GTA SAMPLE NO: 3
DATE SAMPLED: 2/1/2021
TIME SAMPLED:
DATE RECEIVED: 2/3/2021
TIME RECEIVED: 2:50 PM

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample</u>
SAMPLE ID: MW-43DD							
CHLORIDE EPA 300.0		250	10	mg/L (PPM)	LV	2/3/2021	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

GTA PROJECT NO: 020321-1

GTA SAMPLE NO: 4

DATE SAMPLED: 2/1/2021

TIME SAMPLED:

DATE RECEIVED: 2/3/2021

TIME RECEIVED: 2:50 PM

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

SAMPLE ID: MW-48DD

CHLORIDE EPA 300.0

Concentration

130

LOD

10

Units

mg/L (PPM)

Analyst

LV

Date Completed

2/3/2021

Sample

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

GTA PROJECT NO: 020321-1

GTA SAMPLE NO: 5

DATE SAMPLED: 2/2/2021

TIME SAMPLED:

DATE RECEIVED: 2/3/2021

TIME RECEIVED: 2:50 PM

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

SAMPLE ID: MW-44DD

CHLORIDE EPA 300.0

Concentration

630

LOD

50

Units

mg/L (PPM)

Analyst

LV

Date Completed

2/3/2021

Sample

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

GTA PROJECT NO: 020321-1

PROJECT NO: 2018100140.01

GTA SAMPLE NO: 6

LOCATION: WHITEWATER 32 CPF

DATE SAMPLED: 2/2/2021

TIME SAMPLED:

DATE RECEIVED: 2/3/2021

TIME RECEIVED: 2:50 PM

MI

SAMPLED BY: JG/MS - GCES

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-45DD

CHLORIDE EPA 300.0

Concentration

820

LOD

50

Units

mg/L (PPM)

Analyst

LV

Date Completed

2/3/2021

Sample

WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

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

GTA PROJECT NO: 020321-1
GTA SAMPLE NO: 7
DATE SAMPLED: 2/2/2021
TIME SAMPLED:
DATE RECEIVED: 2/3/2021
TIME RECEIVED: 2:50 PM

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample</u>
	SAMPLE ID: MW-46DD CHLORIDE EPA 300.0	88	10	mg/L (PPM)	LV	2/3/2021	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: JG/MS - GCES

GTA PROJECT NO: 020321-1
GTA SAMPLE NO: 8
DATE SAMPLED: 2/2/2021
TIME SAMPLED:
DATE RECEIVED: 2/3/2021
TIME RECEIVED: 2:50 PM

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample</u>
	SAMPLE ID: MW-29DD						
	CHLORIDE EPA 300.0	610	50	mg/L (PPM)	LV	2/3/2021	WATER

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

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

GTA PROJECT NO: 020321-1
GTA SAMPLE NO: 9
DATE SAMPLED: 2/2/2021
TIME SAMPLED:
DATE RECEIVED: 2/3/2021
TIME RECEIVED: 2:50 PM

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample</u>
SAMPLE ID: MW-19D							
CHLORIDE EPA 300.0		ND	10	mg/L (PPM)	LV	2/4/2021	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: JG/MS - GCES

GTA PROJECT NO: 020321-1
GTA SAMPLE NO: 10
DATE SAMPLED: 2/3/2021
TIME SAMPLED:
DATE RECEIVED: 2/3/2021
TIME RECEIVED: 2:50 PM

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample</u>
	SAMPLE ID: MW-51D CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	LV	2/4/2021	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: JG/MS - GCES

GTA PROJECT NO: 020321-1
GTA SAMPLE NO: 11
DATE SAMPLED: 2/3/2021
TIME SAMPLED:
DATE RECEIVED: 2/3/2021
TIME RECEIVED: 2:50 PM

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample</u>
	SAMPLE ID: MW-31D CHLORIDE EPA 300.0	62	10	mg/L (PPM)	LV	2/4/2021	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: JG/MS - GCES

GTA PROJECT NO: 020321-1
GTA SAMPLE NO: 12
DATE SAMPLED: 2/3/2021
TIME SAMPLED:
DATE RECEIVED: 2/3/2021
TIME RECEIVED: 2:50 PM

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample</u>
	SAMPLE ID: MW-32D						
	CHLORIDE EPA 300.0	27	10	mg/L (PPM)	LV	2/4/2021	WATER

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

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

GTA PROJECT NO: 020321-1
GTA SAMPLE NO: 13
DATE SAMPLED: 2/3/2021
TIME SAMPLED:
DATE RECEIVED: 2/3/2021
TIME RECEIVED: 2:50 PM

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample</u>
	SAMPLE ID: MW-49D						
	CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	LV	2/4/2021	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: JG/MS - GCES

GTA PROJECT NO: 020321-1
GTA SAMPLE NO: 14
DATE SAMPLED: 2/1/2021
TIME SAMPLED:
DATE RECEIVED: 2/3/2021
TIME RECEIVED: 2:50 PM

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample</u>
	SAMPLE ID: MW-34D CHLORIDE EPA 300.0	410	10	mg/L (PPM)	LV	2/4/2021	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: JG/MS - GCES

GTA PROJECT NO: 020321-1
GTA SAMPLE NO: 15
DATE SAMPLED: 2/1/2021
TIME SAMPLED:
DATE RECEIVED: 2/3/2021
TIME RECEIVED: 2:50 PM

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample</u>
SAMPLE ID: MW-30DDD							
CHLORIDE EPA 300.0		160	10	mg/L (PPM)	LV	2/4/2021	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

GTA PROJECT NO: 020321-1

GTA SAMPLE NO: 16

DATE SAMPLED: 2/1/2021

TIME SAMPLED:

DATE RECEIVED: 2/3/2021

TIME RECEIVED: 2:50 PM

MI

SAMPLED BY: JG/MS - GCES

SAMPLE ANALYSIS**No: Analysis**

SAMPLE ID: MW-34DD

CHLORIDE EPA 300.0

Concentration

40

LOD

10

Units

mg/L (PPM)

Analyst

LV

Date Completed

2/4/2021

Sample

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

GTA PROJECT NO: 020321-1

PROJECT NO: 2018100140.01

GTA SAMPLE NO: 17

LOCATION: WHITEWATER 32 CPF

DATE SAMPLED: 2/1/2021

TIME SAMPLED:

DATE RECEIVED: 2/3/2021

TIME RECEIVED: 2:50 PM

MI

SAMPLED BY: JG/MS - GCES

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-35DD

CHLORIDE EPA 300.0

Concentration

LOD

Units

Analyst

Date Completed

Sample

510

20

mg/L (PPM)

LV

2/4/2021

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: JG/MS - GCES

GTA PROJECT NO: 020321-1
GTA SAMPLE NO: 18
DATE SAMPLED: 2/1/2021
TIME SAMPLED:
DATE RECEIVED: 2/3/2021
TIME RECEIVED: 2:50 PM

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample</u>
SAMPLE ID: MW-42DD							
CHLORIDE EPA 300.0		400	20	mg/L (PPM)	LV	2/4/2021	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

GTA PROJECT NO: 020321-1

PROJECT NO: 2018100140.01

GTA SAMPLE NO: 19

LOCATION: WHITEWATER 32 CPF

DATE SAMPLED: 2/2/2021

TIME SAMPLED:

DATE RECEIVED: 2/3/2021

TIME RECEIVED: 2:50 PM

MI

SAMPLED BY: JG/MS - GCES

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-18D

CHLORIDE EPA 300.0

Concentration

20

LOD

10

Units

mg/L (PPM)

Analyst

LV

Date Completed

2/4/2021

Sample

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

GTA PROJECT NO: 020321-1

PROJECT NO: 2018100140.01

GTA SAMPLE NO: 20

LOCATION: WHITEWATER 32 CPF

DATE SAMPLED: 2/2/2021

TIME SAMPLED:

DATE RECEIVED: 2/3/2021

TIME RECEIVED: 2:50 PM

MI

SAMPLED BY: JG/MS - GCES

SAMPLE ANALYSIS**No: Analysis**

SAMPLE ID: MW-50D

CHLORIDE EPA 300.0

Concentration

38

LOD

10

Units

mg/L (PPM)

Analyst

LV

Date Completed

2/4/2021

Sample

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: JG/MS - GCES

GTA PROJECT NO: 020321-1
GTA SAMPLE NO: 21
DATE SAMPLED: 2/2/2021
TIME SAMPLED:
DATE RECEIVED: 2/3/2021
TIME RECEIVED: 2:50 PM

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample</u>
SAMPLE ID: MW-12S							
CHLORIDE EPA 300.0		69	10	mg/L (PPM)	LV	2/4/2021	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

GTA PROJECT NO: 020321-1

GTA SAMPLE NO: 22

DATE SAMPLED: 2/2/2021

TIME SAMPLED:

DATE RECEIVED: 2/3/2021

TIME RECEIVED: 2:50 PM

MI

SAMPLED BY: JG/MS - GCES

SAMPLE ANALYSIS**No: Analysis**

SAMPLE ID: MW-12D

CHLORIDE EPA 300.0

Concentration

16

LOD

10

Units

mg/L (PPM)

Analyst

LV

Date Completed

2/4/2021

Sample

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: JG/MS - GCES

GTA PROJECT NO: 020321-1
GTA SAMPLE NO: 23
DATE SAMPLED: 2/2/2021
TIME SAMPLED:
DATE RECEIVED: 2/3/2021
TIME RECEIVED: 2:50 PM

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample</u>
	SAMPLE ID: MW-41DD CHLORIDE EPA 300.0	220	10	mg/L (PPM)	LV	2/4/2021	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: JG/MS - GCES

GTA PROJECT NO: 020321-1
GTA SAMPLE NO: 24
DATE SAMPLED: 2/3/2021
TIME SAMPLED:
DATE RECEIVED: 2/3/2021
TIME RECEIVED: 2:50 PM

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
	SAMPLE ID: MW-10S						
	CHLORIDE EPA 300.0	13	10	mg/L (PPM)	LV	2/4/2021	WATER
	CONDUCTIVITY SM2510-B	340	1.0	uS/cm@25C	LV	2/4/2021	WATER

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

**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: JG/MS - GCES

GTA PROJECT NO: 020321-1
GTA SAMPLE NO: 25
DATE SAMPLED: 2/3/2021
TIME SAMPLED:
DATE RECEIVED: 2/3/2021
TIME RECEIVED: 2:50 PM

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample</u>
SAMPLE ID: MW-9							
CHLORIDE EPA 300.0		ND	10	mg/L (PPM)	LV	2/4/2021	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: JG/MS - GCES

GTA PROJECT NO: 020321-1
GTA SAMPLE NO: 26
DATE SAMPLED: 2/3/2021
TIME SAMPLED:
DATE RECEIVED: 2/3/2021
TIME RECEIVED: 2:50 PM

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample</u>
	SAMPLE ID: MW-16S CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	LV	2/4/2021	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: JG/MS - GCES

GTA PROJECT NO: 020321-1
GTA SAMPLE NO: 27
DATE SAMPLED: 2/3/2021
TIME SAMPLED:
DATE RECEIVED: 2/3/2021
TIME RECEIVED: 2:50 PM

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample</u>
SAMPLE ID: MW-14D							
CHLORIDE EPA 300.0		ND	10	mg/L (PPM)	LV	2/4/2021	WATER

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

10/2

CHAIN OF CUSTODY

PROJECT NUMBER 2018100140.01	SITE NAME/ADDRESS Whitewater 32 CDF	COMPANY/NAME Lambda Energy Resources
SAMPLED BY Joshua Gerrie	COMPANY Gosling Czubak	GTA PROJECT # 020321-1

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	MW-19DD	2-1-21		GW	Chloride
2	MW-37DD	↓			↓
3	MW-43DD				
4	MW-48DD				
5	MW-44DD	2-2-21			
6	MW-45DD	↓			↓
7	MW-46DD				
8	MW-29DD				
9	MW-19D				BTEX+4 & Chloride
10	MW-51D	2-3-21			BTEX & Chloride
11	MW-31D	↓			↓ ↓
12	MW-32D				BTEX+4 & Chloride
13	MW-49D				↓ ↓

BILL TO:

Lambda Energy Resources

REPORT TO:

Jeff Sims

RELEASED BY

DATE/TIME

RECEIVED BY

DATE/TIME

[Signature] 2-3-21 / 1450

[Signature] 2/3/21 1750
rec'd office

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

20/2

CHAIN OF CUSTODY

PROJECT NUMBER	SITE NAME/ADDRESS	COMPANY/NAME
2018100140.01	WHITEWATER 32 CPF	LAMBDA ENERGY
SAMPLED BY	COMPANY	GTA PROJECT #
MARK STOVER	G.C.E.S.	020321-1

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
14	MW-34d	2-1-21		GW	BTEX, CHLORIDE
15	MW-30ddd				CHLORIDE
16	MW-34dd				
17	MW-35dd				
18	MW-42dd				
19	MW-18d	2-2-21			CHLORIDE
20	MW-50d				BTEX, CHLORIDE
21	MW-12S				
22	MW-22d				BTEX+4, CHLORIDE
23	MW-41dd				CHLORIDE
24	MW-10S	2-3-21			BTEX, CHLORIDE, SPEC. COND.
25	MW-9				BTEX, CHLORIDE
26	MW-16S				
27	MW-14d				BTEX+4, CHLORIDE

BILL TO:

LAMBDA ENERGY

REPORT TO:

JEFF SIMSA

RELEASED BY

DATE/TIME

RECEIVED BY

DATE/TIME

[Signature] 2-3-21/1450

[Signature] 2/3/21 1450
REC 4.00 OHM

REQUESTED TAT

☒ STANDARD

☐ 1 BUSINESS DAY

☐ 2 BUSINESS DAYS

☐ 3 BUSINESS DAYS