

**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: 2018100119.01

GTA ProjNo: 011625-13

Site Addr: MANCELONA B CPF

Sampled By: JOSHUA GERRIE/GCES

Date Rec: 1/16/2025

Time Rec: 3:15 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-16	1/14/2025	12:35 PM	WATER
2	MW-28	1/14/2025	11:35 AM	WATER
3	MW-18	1/15/2025	12:05 PM	WATER
4	MW-20	1/15/2025	2:35 PM	WATER
5	MW-21	1/15/2025	11:05 AM	WATER
6	MW-27	1/15/2025	10:30 AM	WATER
7	MW-30	1/15/2025	1:40 PM	WATER
8	MW-31	1/15/2025	3:35 PM	WATER
9	MW-33	1/15/2025	12:55 PM	WATER
10	MW-23	1/16/2025	1:00 PM	WATER
11	MW-25	1/16/2025	11:55 AM	WATER
12	MW-34	1/16/2025	10:55 AM	WATER
13	DUPLICATE	1/16/2025		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: 2018100119.01
LOCATION: MANCELONA B CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-16

GTA PROJECT NO: 011625-13
GTA SAMPLE NO: 1
DATE SAMPLED: 1/14/2025
TIME SAMPLED: 12:35 PM
DATE RECEIVED: 1/16/2025
TIME RECEIVED: 3:15 PM
SAMPLED BY: JOSHUA GERRIE/GCES

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		1/17/2025	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: 2018100119.01
LOCATION: MANCERLONA B CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-28

GTA PROJECT NO: 011625-13
GTA SAMPLE NO: 2
DATE SAMPLED: 1/14/2025
TIME SAMPLED: 11:35 AM
DATE RECEIVED: 1/16/2025
TIME RECEIVED: 3:15 PM
SAMPLED BY: JOSHUA GERRIE/GCES

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		1/17/2025	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: 2018100119.01
LOCATION: MANCERLONA B CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-18

GTA PROJECT NO: 011625-13
GTA SAMPLE NO: 3
DATE SAMPLED: 1/15/2025
TIME SAMPLED: 12:05 PM
DATE RECEIVED: 1/16/2025
TIME RECEIVED: 3:15 PM
SAMPLED BY: JOSHUA GERRIE/GCES

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		1/17/2025	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: 2018100119.01
LOCATION: MANCERLONA B CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-20

GTA PROJECT NO: 011625-13
GTA SAMPLE NO: 4
DATE SAMPLED: 1/15/2025
TIME SAMPLED: 2:35 PM
DATE RECEIVED: 1/16/2025
TIME RECEIVED: 3:15 PM
SAMPLED BY: JOSHUA GERRIE/GCES

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		1/17/2025	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: 2018100119.01
LOCATION: MANCELONA B CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-21

GTA PROJECT NO: 011625-13
GTA SAMPLE NO: 5
DATE SAMPLED: 1/15/2025
TIME SAMPLED: 11:05 AM
DATE RECEIVED: 1/16/2025
TIME RECEIVED: 3:15 PM
SAMPLED BY: JOSHUA GERRIE/GCES

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		1/17/2025	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: 2018100119.01
LOCATION: MANCELONA B CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-27

GTA PROJECT NO: 011625-13
GTA SAMPLE NO: 6
DATE SAMPLED: 1/15/2025
TIME SAMPLED: 10:30 AM
DATE RECEIVED: 1/16/2025
TIME RECEIVED: 3:15 PM
SAMPLED BY: JOSHUA GERRIE/GCES

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		1/17/2025	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: 2018100119.01
LOCATION: MANCERLONA B CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-30

GTA PROJECT NO: 011625-13
GTA SAMPLE NO: 7
DATE SAMPLED: 1/15/2025
TIME SAMPLED: 1:40 PM
DATE RECEIVED: 1/16/2025
TIME RECEIVED: 3:15 PM
SAMPLED BY: JOSHUA GERRIE/GCES

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		1/17/2025	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: 2018100119.01
LOCATION: MANCELONA B CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-31

GTA PROJECT NO: 011625-13
GTA SAMPLE NO: 8
DATE SAMPLED: 1/15/2025
TIME SAMPLED: 3:35 PM
DATE RECEIVED: 1/16/2025
TIME RECEIVED: 3:15 PM
SAMPLED BY: JOSHUA GERRIE/GCES

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		1/17/2025	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: 2018100119.01
LOCATION: MANCERLONA B CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-33

GTA PROJECT NO: 011625-13
GTA SAMPLE NO: 9
DATE SAMPLED: 1/15/2025
TIME SAMPLED: 12:55 PM
DATE RECEIVED: 1/16/2025
TIME RECEIVED: 3:15 PM
SAMPLED BY: JOSHUA GERRIE/GCES

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		1/17/2025	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: 2018100119.01
LOCATION: MANCERLONA B CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-23

GTA PROJECT NO: 011625-13
GTA SAMPLE NO: 10
DATE SAMPLED: 1/16/2025
TIME SAMPLED: 1:00 PM
DATE RECEIVED: 1/16/2025
TIME RECEIVED: 3:15 PM
SAMPLED BY: JOSHUA GERRIE/GCES

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		1/17/2025	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: 2018100119.01
LOCATION: MANCELONA B CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-25

GTA PROJECT NO: 011625-13
GTA SAMPLE NO: 11
DATE SAMPLED: 1/16/2025
TIME SAMPLED: 11:55 AM
DATE RECEIVED: 1/16/2025
TIME RECEIVED: 3:15 PM
SAMPLED BY: JOSHUA GERRIE/GCES

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		1/17/2025	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: 2018100119.01
LOCATION: MANCERLONA B CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-34
GTA PROJECT NO: 011625-13
GTA SAMPLE NO: 12
DATE SAMPLED: 1/16/2025
TIME SAMPLED: 10:55 AM
DATE RECEIVED: 1/16/2025
TIME RECEIVED: 3:15 PM
SAMPLED BY: JOSHUA GERRIE/GCES

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		1/17/2025	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: 2018100119.01
LOCATION: MANCERLONA B CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: DUPLICATE

GTA PROJECT NO: 011625-13
GTA SAMPLE NO: 13
DATE SAMPLED: 1/16/2025
TIME SAMPLED:
DATE RECEIVED: 1/16/2025
TIME RECEIVED: 3:15 PM
SAMPLED BY: JOSHUA GERRIE/GCES

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		1/17/2025	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

GTA PROJECT NO: 011625-13

PROJECT NO: 2018100119.01

GTA SAMPLE NO: 1

LOCATION: MANCELONA B CPF

DATE SAMPLED: 1/14/2025

TIME SAMPLED: 12:35 PM

DATE RECEIVED: 1/16/2025

TIME RECEIVED: 3:15 PM

MI

SAMPLED BY: JOSHUA GERRIE/GCES

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-16							
CHLORIDE EPA 300.0		180	10	mg/L (PPM)	KC/TR	1/22/2025	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: 2018100119.01
LOCATION: MANCELONA B CPF
MI
SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 011625-13
GTA SAMPLE NO: 2
DATE SAMPLED: 1/14/2025
TIME SAMPLED: 11:35 AM
DATE RECEIVED: 1/16/2025
TIME RECEIVED: 3:15 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-28							
CHLORIDE EPA 300.0		670	50	mg/L (PPM)	KC/TR	1/22/2025	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: 2018100119.01
LOCATION: MANCELONA B CPF
MI
SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 011625-13
GTA SAMPLE NO: 3
DATE SAMPLED: 1/15/2025
TIME SAMPLED: 12:05 PM
DATE RECEIVED: 1/16/2025
TIME RECEIVED: 3:15 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-18							
CHLORIDE EPA 300.0		460	20	mg/L (PPM)	KC/TR	1/22/2025	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: 2018100119.01
LOCATION: MANCELONA B CPF
MI
SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 011625-13
GTA SAMPLE NO: 4
DATE SAMPLED: 1/15/2025
TIME SAMPLED: 2:35 PM
DATE RECEIVED: 1/16/2025
TIME RECEIVED: 3:15 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-20							
CHLORIDE EPA 300.0		390	10	mg/L (PPM)	KC/TR	1/22/2025	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: 2018100119.01
LOCATION: MANCELONA B CPF
MI
SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 011625-13
GTA SAMPLE NO: 5
DATE SAMPLED: 1/15/2025
TIME SAMPLED: 11:05 AM
DATE RECEIVED: 1/16/2025
TIME RECEIVED: 3:15 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-21 CHLORIDE EPA 300.0	23	10	mg/L (PPM)	KC/TR	1/22/2025	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: 2018100119.01
LOCATION: MANCELONA B CPF
MI
SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 011625-13
GTA SAMPLE NO: 6
DATE SAMPLED: 1/15/2025
TIME SAMPLED: 10:30 AM
DATE RECEIVED: 1/16/2025
TIME RECEIVED: 3:15 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-27							
CHLORIDE EPA 300.0		260	10	mg/L (PPM)	KC/TR	1/22/2025	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: 2018100119.01
LOCATION: MANCELONA B CPF
MI
SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 011625-13
GTA SAMPLE NO: 7
DATE SAMPLED: 1/15/2025
TIME SAMPLED: 1:40 PM
DATE RECEIVED: 1/16/2025
TIME RECEIVED: 3:15 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-30							
CHLORIDE EPA 300.0		28	10	mg/L (PPM)	KC/TR	1/22/2025	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: 2018100119.01
LOCATION: MANCELONA B CPF
MI
SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 011625-13
GTA SAMPLE NO: 8
DATE SAMPLED: 1/15/2025
TIME SAMPLED: 3:35 PM
DATE RECEIVED: 1/16/2025
TIME RECEIVED: 3:15 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-31							
CHLORIDE EPA 300.0		ND	10	mg/L (PPM)	KC/TR	1/22/2025	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: 2018100119.01

LOCATION: MANCELONA B CPF

GTA PROJECT NO: 011625-13

GTA SAMPLE NO: 9

DATE SAMPLED: 1/15/2025

TIME SAMPLED: 12:55 PM

DATE RECEIVED: 1/16/2025

TIME RECEIVED: 3:15 PM

MI

SAMPLED BY: JOSHUA GERRIE/GCES

SAMPLE ANALYSIS**No: Analysis**

SAMPLE ID: MW-33

CHLORIDE EPA 300.0

Concentration

41

LOD

10

Units

mg/L (PPM)

Analyst

KC/TR

Date Completed

1/22/2025

Sample Matrix

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: 2018100119.01
LOCATION: MANCELONA B CPF
MI
SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 011625-13
GTA SAMPLE NO: 10
DATE SAMPLED: 1/16/2025
TIME SAMPLED: 1:00 PM
DATE RECEIVED: 1/16/2025
TIME RECEIVED: 3:15 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-23							
CHLORIDE EPA 300.0		400	10	mg/L (PPM)	KC/TR	1/22/2025	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: 2018100119.01
LOCATION: MANCELONA B CPF
MI
SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 011625-13
GTA SAMPLE NO: 11
DATE SAMPLED: 1/16/2025
TIME SAMPLED: 11:55 AM
DATE RECEIVED: 1/16/2025
TIME RECEIVED: 3:15 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-25							
CHLORIDE EPA 300.0		510	20	mg/L (PPM)	KC/TR	1/22/2025	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: 2018100119.01

LOCATION: MANCELONA B CPF

MI

SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 011625-13

GTA SAMPLE NO: 12

DATE SAMPLED: 1/16/2025

TIME SAMPLED: 10:55 AM

DATE RECEIVED: 1/16/2025

TIME RECEIVED: 3:15 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-34							
CHLORIDE EPA 300.0		97	10	mg/L (PPM)	KC/TR	1/22/2025	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: 2018100119.01
LOCATION: MANCELONA B CPF
MI
SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 011625-13
GTA SAMPLE NO: 13
DATE SAMPLED: 1/16/2025
TIME SAMPLED:
DATE RECEIVED: 1/16/2025
TIME RECEIVED: 3:15 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: DUPLICATE CHLORIDE EPA 300.0	490	20	mg/L (PPM)	KC/TR	1/22/2025	WATER

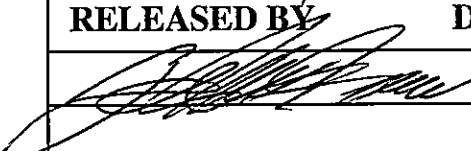
ND = NOT DETECTED, RESULT < LOD
LOD = LIMIT OF DETECTION
s.u. = STANDARD pH UNITS REPORTED AT 25 C

CHAIN OF CUSTODY

PROJECT NUMBER 2018100119.01	SITE NAME/ADDRESS Mancelona B CPF	COMPANY/NAME Lambda Energy Resources
SAMPLED BY Joshua Gervie	COMPANY Gosling Czubak	GTA PROJECT # 011625-13

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	MW-16	1-14-25	1235	GW	BTEX + Chloride
2	MW-23	↓	1135	↓	↓
3	MW-18	1-15-25	1205	↓	↓
4	MW-20	↓	1435	↓	↓
5	MW-21	↓	1105	↓	↓
6	MW-27	↓	1030	↓	↓
7	MW-30	↓	1340	↓	↓
8	MW-31	↓	1535	↓	↓
9	MW-33	↓	1255	↓	↓
10	MW-23	1-16-25	1300	↓	↓
11	MW-25	↓	1155	↓	↓
12	MW-34	↓	1055	↓	↓
13	Duplicate	↓	—	↓	↓

BILL TO: Lambda Energy Resources	TempRec: ☐ 5.7°C	On Ice? ☒ Y ☐ N	REPORT TO: Jeff Simsa
RELEASED BY: 	DATE/TIME: 1-16-25 / 1515	RECEIVED BY: R. C. M.	DATE/TIME: 1/16/25 1515
REQUESTED TAT ☒ STANDARD ☐ 1 BUSINESS DAY ☐ 2 BUSINESS DAYS ☐ 3 BUSINESS DAYS			