



**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

[www.gtanalytical.com](http://www.gtanalytical.com)

Company: LAMBDA ENERGY RESOURCES, LLC  
Name:  
ClientProj: 2018100119.01  
GTA ProjNo: 100325-8

Site Addr: MANCELONA B CPF

Sampled By: JOSHUA GERRIE/GCES  
Date Rec: 10/3/2025  
Time Rec: 2:20 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-16	10/2/2025	2:05 PM	WATER
2	MW-18	10/2/2025	1:30 PM	WATER
3	MW-19	10/2/2025	11:50 AM	WATER
4	MW-21	10/2/2025	11:40 AM	WATER
5	MW-24	10/2/2025	12:05 PM	WATER
6	MW-26	10/2/2025	11:55 AM	WATER
7	MW-27	10/2/2025	11:05 AM	WATER
8	MW-28	10/2/2025	12:50 PM	WATER
9	MW-30	10/2/2025	3:30 PM	WATER
10	MW-33	10/2/2025	2:50 PM	WATER
11	MW-20	10/3/2025	11:10 AM	WATER
12	MW-23	10/3/2025	12:40 PM	WATER
13	MW-25	10/3/2025	9:45 AM	WATER
14	MW-31	10/3/2025	10:30 AM	WATER
15	MW-34	10/3/2025	9:20 AM	WATER
16	DUPLICATE	10/3/2025		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](mailto:kirk@gtanalytical.com)



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COMPANY: LAMBDA ENERGY RESOURCES, LLC

PROJECT NO: 2018100119.01

LOCATION: MANCELONA B CPF

MI

SAMPLE MATRIX: WATER

SAMPLE ID: MW-16

GTA PROJECT NO: 100325-8

GTA SAMPLE NO: 1

DATE SAMPLED: 10/2/2025

TIME SAMPLED: 2:05 PM

DATE RECEIVED: 10/3/2025

TIME RECEIVED: 2:20 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		10/12/2025	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



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COMPANY: LAMBDA ENERGY RESOURCES, LLC  
 PROJECT NO: 2018100119.01  
 LOCATION: MANCELONA B CPF  
 MI  
 SAMPLE MATRIX: WATER  
 SAMPLE ID: MW-18

GTA PROJECT NO: 100325-8  
 GTA SAMPLE NO: 2  
 DATE SAMPLED: 10/2/2025  
 TIME SAMPLED: 1:30 PM  
 DATE RECEIVED: 10/3/2025  
 TIME RECEIVED: 2:20 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		10/12/2025	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



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COMPANY: LAMBDA ENERGY RESOURCES, LLC  
 PROJECT NO: 2018100119.01  
 LOCATION: MANCELONA B CPF  
 MI  
 SAMPLE MATRIX: WATER  
 SAMPLE ID: MW-19

GTA PROJECT NO: 100325-8  
 GTA SAMPLE NO: 3  
 DATE SAMPLED: 10/2/2025  
 TIME SAMPLED: 11:50 AM  
 DATE RECEIVED: 10/3/2025  
 TIME RECEIVED: 2:20 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	1.9	1.0	ug/L (PPB)	MR		10/13/2025	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



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COMPANY: LAMBDA ENERGY RESOURCES, LLC  
 PROJECT NO: 2018100119.01  
 LOCATION: MANCELONA B CPF  
 MI  
 SAMPLE MATRIX: WATER  
 SAMPLE ID: MW-21

GTA PROJECT NO: 100325-8  
 GTA SAMPLE NO: 4  
 DATE SAMPLED: 10/2/2025  
 TIME SAMPLED: 11:40 AM  
 DATE RECEIVED: 10/3/2025  
 TIME RECEIVED: 2:20 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		10/13/2025	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: MANCELONA B CPF  
 MI  
 SAMPLE MATRIX: WATER  
 SAMPLE ID: MW-24

GTA PROJECT NO: 100325-8  
 GTA SAMPLE NO: 5  
 DATE SAMPLED: 10/2/2025  
 TIME SAMPLED: 12:05 PM  
 DATE RECEIVED: 10/3/2025  
 TIME RECEIVED: 2:20 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		10/13/2025	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



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COMPANY:	LAMBDA ENERGY RESOURCES, LLC	GTA PROJECT NO:	100325-8
PROJECT NO:	2018100119.01	GTA SAMPLE NO:	6
LOCATION:	MANCELONA B CPF	DATE SAMPLED:	10/2/2025
		TIME SAMPLED:	11:55 AM
		DATE RECEIVED:	10/3/2025
	MI	TIME RECEIVED:	2:20 PM
SAMPLE MATRIX:	WATER	SAMPLED BY:	JOSHUA GERRIE/GCES
SAMPLE ID:	MW-26		

**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		10/13/2025	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





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COMPANY: LAMBDA ENERGY RESOURCES, LLC  
 PROJECT NO: 2018100119.01  
 LOCATION: MANCELONA B CPF  
 MI  
 SAMPLE MATRIX: WATER  
 SAMPLE ID: MW-28

GTA PROJECT NO: 100325-8  
 GTA SAMPLE NO: 8  
 DATE SAMPLED: 10/2/2025  
 TIME SAMPLED: 12:50 PM  
 DATE RECEIVED: 10/3/2025  
 TIME RECEIVED: 2:20 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		10/13/2025	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.  
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COMPANY: LAMBDA ENERGY RESOURCES, LLC  
 PROJECT NO: 2018100119.01  
 LOCATION: MANCELONA B CPF  
 MI  
 SAMPLE MATRIX: WATER  
 SAMPLE ID: MW-30

GTA PROJECT NO: 100325-8  
 GTA SAMPLE NO: 9  
 DATE SAMPLED: 10/2/2025  
 TIME SAMPLED: 3:30 PM  
 DATE RECEIVED: 10/3/2025  
 TIME RECEIVED: 2:20 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		10/13/2025	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: MANCELONA B CPF  
MI  
SAMPLE MATRIX: WATER  
SAMPLE ID: MW-33

GTA PROJECT NO: 100325-8  
GTA SAMPLE NO: 10  
DATE SAMPLED: 10/2/2025  
TIME SAMPLED: 2:50 PM  
DATE RECEIVED: 10/3/2025  
TIME RECEIVED: 2:20 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		10/13/2025	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					

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 PROJECT NO: 2018100119.01  
 LOCATION: MANCELONA B CPF  
 MI  
 SAMPLE MATRIX: WATER  
 SAMPLE ID: MW-20

GTA PROJECT NO: 100325-8  
 GTA SAMPLE NO: 11  
 DATE SAMPLED: 10/3/2025  
 TIME SAMPLED: 11:10 AM  
 DATE RECEIVED: 10/3/2025  
 TIME RECEIVED: 2:20 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		10/13/2025	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					

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 ND = NOT DETECTED, RESULT < LOD  
 LOD = LIMIT OF DETECTION

COMPANY: LAMBDA ENERGY RESOURCES, LLC  
PROJECT NO: 2018100119.01  
LOCATION: MANCELONA B CPF  
MI  
SAMPLE MATRIX: WATER  
SAMPLE ID: MW-23

GTA PROJECT NO: 100325-8  
GTA SAMPLE NO: 12  
DATE SAMPLED: 10/3/2025  
TIME SAMPLED: 12:40 PM  
DATE RECEIVED: 10/3/2025  
TIME RECEIVED: 2:20 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		10/13/2025	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



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COMPANY: LAMBDA ENERGY RESOURCES, LLC  
 PROJECT NO: 2018100119.01  
 LOCATION: MANCELONA B CPF  
 MI  
 SAMPLE MATRIX: WATER  
 SAMPLE ID: MW-25

GTA PROJECT NO: 100325-8  
 GTA SAMPLE NO: 13  
 DATE SAMPLED: 10/3/2025  
 TIME SAMPLED: 9:45 AM  
 DATE RECEIVED: 10/3/2025  
 TIME RECEIVED: 2:20 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		10/13/2025	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.  
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 LOD = LIMIT OF DETECTION



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COMPANY: LAMBDA ENERGY RESOURCES, LLC  
 PROJECT NO: 2018100119.01  
 LOCATION: MANCELONA B CPF  
 MI  
 SAMPLE MATRIX: WATER  
 SAMPLE ID: MW-31

GTA PROJECT NO: 100325-8  
 GTA SAMPLE NO: 14  
 DATE SAMPLED: 10/3/2025  
 TIME SAMPLED: 10:30 AM  
 DATE RECEIVED: 10/3/2025  
 TIME RECEIVED: 2:20 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		10/13/2025	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



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COMPANY: LAMBDA ENERGY RESOURCES, LLC  
 PROJECT NO: 2018100119.01  
 LOCATION: MANCELONA B CPF  
 MI  
 SAMPLE MATRIX: WATER  
 SAMPLE ID: MW-34

GTA PROJECT NO: 100325-8  
 GTA SAMPLE NO: 15  
 DATE SAMPLED: 10/3/2025  
 TIME SAMPLED: 9:20 AM  
 DATE RECEIVED: 10/3/2025  
 TIME RECEIVED: 2:20 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		10/13/2025	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: MANCELONA B CPF  
 MI  
 SAMPLE MATRIX: WATER  
 SAMPLE ID: DUPLICATE

GTA PROJECT NO: 100325-8  
 GTA SAMPLE NO: 16  
 DATE SAMPLED: 10/3/2025  
 TIME SAMPLED:  
 DATE RECEIVED: 10/3/2025  
 TIME RECEIVED: 2:20 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		10/13/2025	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: MANCELONA B CPF  
 MI  
 SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 100325-8  
 GTA SAMPLE NO: 3  
 DATE SAMPLED: 10/2/2025  
 TIME SAMPLED: 11:50 AM  
 DATE RECEIVED: 10/3/2025  
 TIME RECEIVED: 2:20 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-19 CHLORIDE EPA 300.0	2,700	100	mg/L (PPM)	KC/TR	10/16/2025	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: 100325-8  
 GTA SAMPLE NO: 6  
 DATE SAMPLED: 10/2/2025  
 TIME SAMPLED: 11:55 AM  
 DATE RECEIVED: 10/3/2025  
 TIME RECEIVED: 2:20 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-26	CHLORIDE EPA 300.0	1,100	50	mg/L (PPM)	KC/TR	10/16/2025	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: 2018100119.01  
LOCATION: MANCELONA B CPF

GTA PROJECT NO: 100325-8  
GTA SAMPLE NO: 11

DATE SAMPLED: 10/3/2025  
TIME SAMPLED: 11:10 AM  
DATE RECEIVED: 10/3/2025  
TIME RECEIVED: 2:20 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-20 CHLORIDE EPA 300.0	440	10	mg/L (PPM)	KC/TR	10/16/2025	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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COMPANY: LAMBDA ENERGY RESOURCES, LLC  
PROJECT NO: 2018100119.01  
LOCATION: MANCELONA B CPF

GTA PROJECT NO: 100325-8  
GTA SAMPLE NO: 12  
DATE SAMPLED: 10/3/2025  
TIME SAMPLED: 12:40 PM  
DATE RECEIVED: 10/3/2025  
TIME RECEIVED: 2:20 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-23 CHLORIDE EPA 300.0	430	10	mg/L (PPM)	KC/TR	10/16/2025	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: 100325-8  
 GTA SAMPLE NO: 13  
 DATE SAMPLED: 10/3/2025  
 TIME SAMPLED: 9:45 AM  
 DATE RECEIVED: 10/3/2025  
 TIME RECEIVED: 2:20 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-25	CHLORIDE EPA 300.0	540	20	mg/L (PPM)	KC/TR	10/16/2025	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

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COMPANY: LAMBDA ENERGY RESOURCES, LLC  
 PROJECT NO: 2018100119.01  
 LOCATION: MANCELONA B CPF

GTA PROJECT NO: 100325-8  
 GTA SAMPLE NO: 14  
 DATE SAMPLED: 10/3/2025  
 TIME SAMPLED: 10:30 AM  
 DATE RECEIVED: 10/3/2025  
 TIME RECEIVED: 2:20 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-31	CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	KC/TR	10/16/2025	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 # 100325-8

**SAMPLE INFORMATION**

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS	
1	MW-16	10-2-25	1405	GW	BTEX + Chloride	
2	MW-18	↓	1330	↓	↓	
3	MW-19		1150			
4	MW-21		1140			
5	MW-24		1205			
6	MW-26		1155			
7	MW-27		1105			
8	MW-28		1250			
9	MW-30		1530			
10	MW-33		1450			
11	MW-20 <sup>o</sup>		10-3-25			1110
12	MW-23		1240			
13	MW-25		0945			
14	MW-31		1030			
15	MW-34		0920			
100	Duplicate					

BILL TO: Lambda Energy Resources	TempRec: <input type="checkbox"/> 1.10°C	On Ice? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	REPORT TO: Jeff Simsa
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RELEASED BY 	DATE/TIME 10-3-25/1410	RECEIVED BY 	DATE/TIME 10/3/25 1420
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REQUESTED TAT  STANDARD  1 BUSINESS DAY  2 BUSINESS DAYS  3 BUSINESS DAYS