



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: 073025-20

Site Addr: MANCELONA B CPF

Sampled By: JOSHUA GERRIE/GCES
Date Rec: 7/30/2025
Time Rec: 4:10 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-18	7/29/2025	11:45 AM	WATER
2	MW-19	7/29/2025	8:55 AM	WATER
3	MW-21	7/29/2025	10:20 AM	WATER
4	MW-24	7/29/2025	8:35 AM	WATER
5	MW-26	7/29/2025	8:45 AM	WATER
6	MW-27	7/29/2025	9:50 AM	WATER
7	MW-28	7/29/2025	11:05 AM	WATER
8	MW-16	7/30/2025	9:40 AM	WATER
9	MW-20	7/30/2025	12:45 PM	WATER
10	MW-23	7/30/2025	3:00 PM	WATER
11	MW-25	7/30/2025	11:30 AM	WATER
12	MW-30	7/30/2025	1:25 PM	WATER
13	MW-31	7/30/2025	12:05 PM	WATER
14	MW-33	7/30/2025	10:25 AM	WATER
15	MW-34	7/30/2025	11:05 AM	WATER
16	DUPLICATE	7/30/2025		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



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COMPANY:	LAMBDA ENERGY RESOURCES, LLC	GTA PROJECT NO:	073025-20
PROJECT NO:	2018100119.01	GTA SAMPLE NO:	1
LOCATION:	MANCELONA B CPF	DATE SAMPLED:	7/29/2025
		TIME SAMPLED:	11:45 AM
		DATE RECEIVED:	7/30/2025
	MI	TIME RECEIVED:	4:10 PM
SAMPLE MATRIX:	WATER	SAMPLED BY:	JOSHUA GERRIE/GCES
SAMPLE ID:	MW-18		

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		7/31/2025	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:	073025-20
PROJECT NO:	2018100119.01	GTA SAMPLE NO:	2
LOCATION:	MANCELONA B CPF	DATE SAMPLED:	7/29/2025
		TIME SAMPLED:	8:55 AM
	MI	DATE RECEIVED:	7/30/2025
		TIME RECEIVED:	4:10 PM
SAMPLE MATRIX:	WATER	SAMPLED BY:	JOSHUA GERRIE/GCES
SAMPLE ID:	MW-19		

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	3.4	1.0	ug/L (PPB)	MR		7/31/2025	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-21

GTA PROJECT NO: 073025-20
GTA SAMPLE NO: 3
DATE SAMPLED: 7/29/2025
TIME SAMPLED: 10:20 AM
DATE RECEIVED: 7/30/2025
TIME RECEIVED: 4:10 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		7/31/2025	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-24

GTA PROJECT NO: 073025-20
 GTA SAMPLE NO: 4
 DATE SAMPLED: 7/29/2025
 TIME SAMPLED: 8:35 AM
 DATE RECEIVED: 7/30/2025
 TIME RECEIVED: 4:10 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		7/31/2025	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
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COMPANY: LAMBDA ENERGY RESOURCES, LLC
 PROJECT NO: 2018100119.01
 LOCATION: MANCELONA B CPF
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-26

GTA PROJECT NO: 073025-20
 GTA SAMPLE NO: 5
 DATE SAMPLED: 7/29/2025
 TIME SAMPLED: 8:45 AM
 DATE RECEIVED: 7/30/2025
 TIME RECEIVED: 4:10 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		7/31/2025	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-27

GTA PROJECT NO: 073025-20
 GTA SAMPLE NO: 6
 DATE SAMPLED: 7/29/2025
 TIME SAMPLED: 9:50 AM
 DATE RECEIVED: 7/30/2025
 TIME RECEIVED: 4:10 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		7/31/2025	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-28

GTA PROJECT NO: 073025-20
GTA SAMPLE NO: 7
DATE SAMPLED: 7/29/2025
TIME SAMPLED: 11:05 AM
DATE RECEIVED: 7/30/2025
TIME RECEIVED: 4:10 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		7/31/2025	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	GTA PROJECT NO:	073025-20
PROJECT NO:	2018100119.01	GTA SAMPLE NO:	8
LOCATION:	MANCELONA B CPF	DATE SAMPLED:	7/30/2025
		TIME SAMPLED:	9:40 AM
		DATE RECEIVED:	7/30/2025
	MI	TIME RECEIVED:	4:10 PM
SAMPLE MATRIX:	WATER	SAMPLED BY:	JOSHUA GERRIE/GCES
SAMPLE ID:	MW-16		

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		7/31/2025	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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 PROJECT NO: 2018100119.01
 LOCATION: MANCELONA B CPF
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-20

GTA PROJECT NO: 073025-20
 GTA SAMPLE NO: 9
 DATE SAMPLED: 7/30/2025
 TIME SAMPLED: 12:45 PM
 DATE RECEIVED: 7/30/2025
 TIME RECEIVED: 4:10 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		7/31/2025	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
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COMPANY: LAMBDA ENERGY RESOURCES, LLC
 PROJECT NO: 2018100119.01
 LOCATION: MANCELONA B CPF
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-23

GTA PROJECT NO: 073025-20
 GTA SAMPLE NO: 10
 DATE SAMPLED: 7/30/2025
 TIME SAMPLED: 3:00 PM
 DATE RECEIVED: 7/30/2025
 TIME RECEIVED: 4:10 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		7/31/2025	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: 073025-20
 GTA SAMPLE NO: 11
 DATE SAMPLED: 7/30/2025
 TIME SAMPLED: 11:30 AM
 DATE RECEIVED: 7/30/2025
 TIME RECEIVED: 4:10 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		7/31/2025	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

COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100119.01
LOCATION: MANCELONA B CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-30

GTA PROJECT NO: 073025-20
GTA SAMPLE NO: 12
DATE SAMPLED: 7/30/2025
TIME SAMPLED: 1:25 PM
DATE RECEIVED: 7/30/2025
TIME RECEIVED: 4:10 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		7/31/2025	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-31

GTA PROJECT NO: 073025-20
 GTA SAMPLE NO: 13
 DATE SAMPLED: 7/30/2025
 TIME SAMPLED: 12:05 PM
 DATE RECEIVED: 7/30/2025
 TIME RECEIVED: 4:10 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		7/31/2025	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-33

GTA PROJECT NO: 073025-20
 GTA SAMPLE NO: 14
 DATE SAMPLED: 7/30/2025
 TIME SAMPLED: 10:25 AM
 DATE RECEIVED: 7/30/2025
 TIME RECEIVED: 4:10 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		7/31/2025	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:	073025-20
PROJECT NO:	2018100119.01	GTA SAMPLE NO:	15
LOCATION:	MANCELONA B CPF	DATE SAMPLED:	7/30/2025
		TIME SAMPLED:	11:05 AM
	MI	DATE RECEIVED:	7/30/2025
		TIME RECEIVED:	4:10 PM
SAMPLE MATRIX:	WATER	SAMPLED BY:	JOSHUA GERRIE/GCES
SAMPLE ID:	MW-34		

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		7/31/2025	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: 073025-20
GTA SAMPLE NO: 16
DATE SAMPLED: 7/30/2025
TIME SAMPLED:
DATE RECEIVED: 7/30/2025
TIME RECEIVED: 4:10 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		7/31/2025	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

GTA PROJECT NO: 073025-20
GTA SAMPLE NO: 1

DATE SAMPLED: 7/29/2025
TIME SAMPLED: 11:45 AM
DATE RECEIVED: 7/30/2025
TIME RECEIVED: 4:10 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-18	CHLORIDE EPA 300.0	500	20	mg/L (PPM)	KC/TR	8/6/2025	WATER

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

COMPANY: LAMBDA ENERGY RESOURCES, LLC GTA PROJECT NO: 073025-20
PROJECT NO: 2018100119.01 GTA SAMPLE NO: 2
LOCATION: MANCELONA B CPF DATE SAMPLED: 7/29/2025
TIME SAMPLED: 8:55 AM
DATE RECEIVED: 7/30/2025
TIME RECEIVED: 4:10 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-19	CHLORIDE EPA 300.0	3,100	100	mg/L (PPM)	KC/TR	8/6/2025	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: 073025-20
 GTA SAMPLE NO: 3
 DATE SAMPLED: 7/29/2025
 TIME SAMPLED: 10:20 AM
 DATE RECEIVED: 7/30/2025
 TIME RECEIVED: 4:10 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	20	10	mg/L (PPM)	KC/TR	8/6/2025	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: 073025-20
 GTA SAMPLE NO: 4
 DATE SAMPLED: 7/29/2025
 TIME SAMPLED: 8:35 AM
 DATE RECEIVED: 7/30/2025
 TIME RECEIVED: 4:10 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-24	CHLORIDE EPA 300.0	650	50	mg/L (PPM)	KC/TR	8/6/2025	WATER

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

COMPANY: LAMBDA ENERGY RESOURCES, LLC GTA PROJECT NO: 073025-20
PROJECT NO: 2018100119.01 GTA SAMPLE NO: 5
LOCATION: MANCELONA B CPF DATE SAMPLED: 7/29/2025
TIME SAMPLED: 8:45 AM
DATE RECEIVED: 7/30/2025
TIME RECEIVED: 4:10 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-26	1,700	50	mg/L (PPM)	KC/TR	8/6/2025	WATER
	CHLORIDE EPA 300.0						

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: 073025-20
 GTA SAMPLE NO: 6
 DATE SAMPLED: 7/29/2025
 TIME SAMPLED: 9:50 AM
 DATE RECEIVED: 7/30/2025
 TIME RECEIVED: 4:10 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	280	10	mg/L (PPM)	KC/TR	8/6/2025	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: 073025-20
 GTA SAMPLE NO: 7
 DATE SAMPLED: 7/29/2025
 TIME SAMPLED: 11:05 AM
 DATE RECEIVED: 7/30/2025
 TIME RECEIVED: 4:10 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	560	50	mg/L (PPM)	KC/TR	8/6/2025	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

GTA PROJECT NO: 073025-20
 GTA SAMPLE NO: 8
 DATE SAMPLED: 7/30/2025
 TIME SAMPLED: 9:40 AM
 DATE RECEIVED: 7/30/2025
 TIME RECEIVED: 4:10 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	220	10	mg/L (PPM)	KC/TR	8/6/2025	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

GTA PROJECT NO: 073025-20
 GTA SAMPLE NO: 9
 DATE SAMPLED: 7/30/2025
 TIME SAMPLED: 12:45 PM
 DATE RECEIVED: 7/30/2025
 TIME RECEIVED: 4:10 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	470	10	mg/L (PPM)	KC/TR	8/6/2025	WATER

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

COMPANY: LAMBDA ENERGY RESOURCES, LLC GTA PROJECT NO: 073025-20
PROJECT NO: 2018100119.01 GTA SAMPLE NO: 10
LOCATION: MANCELONA B CPF DATE SAMPLED: 7/30/2025
TIME SAMPLED: 3:00 PM
DATE RECEIVED: 7/30/2025
TIME RECEIVED: 4:10 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	450	10	mg/L (PPM)	KC/TR	8/6/2025	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: 073025-20
 GTA SAMPLE NO: 11
 DATE SAMPLED: 7/30/2025
 TIME SAMPLED: 11:30 AM
 DATE RECEIVED: 7/30/2025
 TIME RECEIVED: 4:10 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	690	20	mg/L (PPM)	KC/TR	8/6/2025	WATER

ND = NOT DETECTED, RESULT < LOD
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 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:	073025-20
PROJECT NO:	2018100119.01	GTA SAMPLE NO:	13
LOCATION:	MANCELONA B CPF	DATE SAMPLED:	7/30/2025
		TIME SAMPLED:	12:05 PM
		DATE RECEIVED:	7/30/2025
		TIME RECEIVED:	4:10 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	ND	10	mg/L (PPM)	KC/TR	8/6/2025	WATER
	CHLORIDE EPA 300.0						

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

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

GTA PROJECT NO: 073025-20
GTA SAMPLE NO: 14

DATE SAMPLED: 7/30/2025
TIME SAMPLED: 10:25 AM
DATE RECEIVED: 7/30/2025
TIME RECEIVED: 4:10 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-33	CHLORIDE EPA 300.0	32	10	mg/L (PPM)	KC/TR	8/6/2025	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	GTA PROJECT NO:	073025-20
PROJECT NO:	2018100119.01	GTA SAMPLE NO:	15
LOCATION:	MANCELONA B CPF	DATE SAMPLED:	7/30/2025
		TIME SAMPLED:	11:05 AM
		DATE RECEIVED:	7/30/2025
		TIME RECEIVED:	4:10 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-34	120	10	mg/L (PPM)	KC/TR	8/6/2025	WATER
	CHLORIDE EPA 300.0						

ND = NOT DETECTED, RESULT < LOD
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 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: 073025-20
 GTA SAMPLE NO: 16
 DATE SAMPLED: 7/30/2025
 TIME SAMPLED:
 DATE RECEIVED: 7/30/2025
 TIME RECEIVED: 4:10 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	680	20	mg/L (PPM)	KC/TR	8/6/2025	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 # 073025-20

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS	
1	MW-18	7-29-25	1145	GW	BTEX + Chloride	
2	MW-19	↓	0855	↓	↓	
3	MW-21		1020			
4	MW-24		0835			
5	MW-26		0845			
6	MW-27		0950			
7	MW-28		1105			
8	MW-14		7-30-25			0940
9	MW-20		1245			
10	MW-23		1500			
11	MW-25		1130			
12	MW-30		1325			
13	MW-31		1205			
14	MW-33		1025			
15	MW-34		1105			
16	Duplicate					

BILL TO: Lambda Energy Resources	TempRec: <input type="checkbox"/> On Ice? <input checked="" type="checkbox"/> 4.0°C	REPORT TO: Jeff Simsa
RELEASED BY 	DATE/TIME 7-30-25/1610	RECEIVED BY Alpus
		DATE/TIME 7/30/25 1610
REQUESTED TAT <input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> 1 BUSINESS DAY <input type="checkbox"/> 2 BUSINESS DAYS <input type="checkbox"/> 3 BUSINESS DAYS		