



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: 2018100125.01
GTA ProjNo: 090925-6

Site Addr: PARADISE 19 CPF

Sampled By: JOSHUA GERRIE/GCES
Date Rec: 9/9/2025
Time Rec: 1:30 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-3	9/9/2025	10:50 AM	WATER
2	MW-3D	9/9/2025	10:35 AM	WATER
3	MW-13	9/9/2025	12:35 PM	WATER
4	MW-14	9/9/2025	11:30 AM	WATER
5	MW-16	9/9/2025	11:15 AM	WATER
6	MW-17	9/9/2025	11:55 AM	WATER
7	MW-18	9/9/2025	12:15 PM	WATER
8	PUMP BLANK	9/9/2025	8:55 AM	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
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COMPANY: LAMBDA ENERGY RESOURCES, LLC

PROJECT NO: 2018100125.01

LOCATION: PARADISE 19 CPF

MI

SAMPLE MATRIX: WATER

SAMPLE ID: MW-3

GTA PROJECT NO: 090925-6

GTA SAMPLE NO: 1

DATE SAMPLED: 9/9/2025

TIME SAMPLED: 10:50 AM

DATE RECEIVED: 9/9/2025

TIME RECEIVED: 1:30 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 Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		9/9/2025	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	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



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 PROJECT NO: 2018100125.01
 LOCATION: PARADISE 19 CPF
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-3D

GTA PROJECT NO: 090925-6
 GTA SAMPLE NO: 2
 DATE SAMPLED: 9/9/2025
 TIME SAMPLED: 10:35 AM
 DATE RECEIVED: 9/9/2025
 TIME RECEIVED: 1:30 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 Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		9/9/2025	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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 LOD = LIMIT OF DETECTION

COMPANY: LAMBDA ENERGY RESOURCES, LLC

PROJECT NO: 2018100125.01

LOCATION: PARADISE 19 CPF

MI

SAMPLE MATRIX: WATER

SAMPLE ID: MW-13

GTA PROJECT NO: 090925-6

GTA SAMPLE NO: 3

DATE SAMPLED: 9/9/2025

TIME SAMPLED: 12:35 PM

DATE RECEIVED: 9/9/2025

TIME RECEIVED: 1:30 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 Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		9/9/2025	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
 PROJECT NO: 2018100125.01
 LOCATION: PARADISE 19 CPF
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-14

GTA PROJECT NO: 090925-6
 GTA SAMPLE NO: 4
 DATE SAMPLED: 9/9/2025
 TIME SAMPLED: 11:30 AM
 DATE RECEIVED: 9/9/2025
 TIME RECEIVED: 1:30 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 Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		9/9/2025	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
 PROJECT NO: 2018100125.01
 LOCATION: PARADISE 19 CPF
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-16

GTA PROJECT NO: 090925-6
 GTA SAMPLE NO: 5
 DATE SAMPLED: 9/9/2025
 TIME SAMPLED: 11:15 AM
 DATE RECEIVED: 9/9/2025
 TIME RECEIVED: 1:30 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 Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		9/9/2025	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
 PROJECT NO: 2018100125.01
 LOCATION: PARADISE 19 CPF
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-17

GTA PROJECT NO: 090925-6
 GTA SAMPLE NO: 6
 DATE SAMPLED: 9/9/2025
 TIME SAMPLED: 11:55 AM
 DATE RECEIVED: 9/9/2025
 TIME RECEIVED: 1:30 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 Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		9/9/2025	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
 PROJECT NO: 2018100125.01
 LOCATION: PARADISE 19 CPF
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-18

GTA PROJECT NO: 090925-6
 GTA SAMPLE NO: 7
 DATE SAMPLED: 9/9/2025
 TIME SAMPLED: 12:15 PM
 DATE RECEIVED: 9/9/2025
 TIME RECEIVED: 1:30 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 Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		9/9/2025	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
 PROJECT NO: 2018100125.01
 LOCATION: PARADISE 19 CPF
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: PUMP BLANK

GTA PROJECT NO: 090925-6
 GTA SAMPLE NO: 8
 DATE SAMPLED: 9/9/2025
 TIME SAMPLED: 8:55 AM
 DATE RECEIVED: 9/9/2025
 TIME RECEIVED: 1:30 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 Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		9/9/2025	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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COMPANY: LAMBDA ENERGY RESOURCES, LLC

PROJECT NO: 2018100125.01

LOCATION: PARADISE 19 CPF

GTA PROJECT NO: 090925-6

GTA SAMPLE NO: 6

DATE SAMPLED: 9/9/2025

TIME SAMPLED: 11:55 AM

DATE RECEIVED: 9/9/2025

TIME RECEIVED: 1:30 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-17	ND	10	mg/L (PPM)	KC/TR	9/15/2025	WATER
	CHLORIDE EPA 300.0						

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: 2018100125.01
LOCATION: PARADISE 19 CPF

GTA PROJECT NO: 090925-6
GTA SAMPLE NO: 7
DATE SAMPLED: 9/9/2025
TIME SAMPLED: 12:15 PM
DATE RECEIVED: 9/9/2025
TIME RECEIVED: 1:30 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		ND	10	mg/L (PPM)	KC/TR	9/15/2025	WATER

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

