



**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      Site Addr: WHITEWATER 32 CPF  
Name:  
ClientProj: 2018100140  
GTA ProjNo: 031325-6      Sampled By: JFR/GCES  
Date Rec: 3/13/2025  
Time Rec: 1:15 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-14D	3/13/2025	9:35 AM	WATER
2	MW-16S	3/13/2025	9:50 AM	WATER
3	MW-9	3/13/2025	10:00 AM	WATER
4	MW-10S	3/13/2025	10:20 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  
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COMPANY: LAMBDA ENERGY RESOURCES, LLC  
PROJECT NO: 2018100140  
LOCATION: WHITEWATER 32 CPF  
MI  
SAMPLE MATRIX: WATER  
SAMPLE ID: MW-14D

GTA PROJECT NO: 031325-6  
GTA SAMPLE NO: 1  
DATE SAMPLED: 3/13/2025  
TIME SAMPLED: 9:35 AM  
DATE RECEIVED: 3/13/2025  
TIME RECEIVED: 1:15 PM  
SAMPLED BY: JFR/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		3/14/2025	EPA 5030B
Toluene	1.9	1.0					
Ethylbenzene	2,400	25					
Xylene(Total)	6,800	75					
1,2,4-Trimethylbenzene	410	25					
1,3,5-Trimethylbenzene	170	1.0					
Naphthalene	9.7	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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COMPANY: LAMBDA ENERGY RESOURCES, LLC  
PROJECT NO: 2018100140  
LOCATION: WHITEWATER 32 CPF  
MI  
SAMPLE MATRIX: WATER  
SAMPLE ID: MW-16S

GTA PROJECT NO: 031325-6  
GTA SAMPLE NO: 2  
DATE SAMPLED: 3/13/2025  
TIME SAMPLED: 9:50 AM  
DATE RECEIVED: 3/13/2025  
TIME RECEIVED: 1:15 PM  
SAMPLED BY: JFR/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	90	5.0	ug/L (PPB)	MR		3/16/2025	EPA 5030B
Toluene	9,500	5.0					
Ethylbenzene	1,800	5.0					
Xylene(Total)	8,000	15					

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COMPANY:	LAMBDA ENERGY RESOURCES, LLC	GTA PROJECT NO:	031325-6
PROJECT NO:	2018100140	GTA SAMPLE NO:	3
LOCATION:	WHITEWATER 32 CPF	DATE SAMPLED:	3/13/2025
		TIME SAMPLED:	10:00 AM
		DATE RECEIVED:	3/13/2025
	MI	TIME RECEIVED:	1:15 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-9	SAMPLED BY:	JFR/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		3/14/2025	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: 2018100140  
 LOCATION: WHITEWATER 32 CPF  
 MI  
 SAMPLE MATRIX: WATER  
 SAMPLE ID: MW-10S

GTA PROJECT NO: 031325-6  
 GTA SAMPLE NO: 4  
 DATE SAMPLED: 3/13/2025  
 TIME SAMPLED: 10:20 AM  
 DATE RECEIVED: 3/13/2025  
 TIME RECEIVED: 1:15 PM  
 SAMPLED BY: JFR/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		3/14/2025	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: 2018100140  
LOCATION: WHITEWATER 32 CPF  
MI  
SAMPLED BY: JFR/GCES

GTA PROJECT NO: 031325-6  
GTA SAMPLE NO: 1  
DATE SAMPLED: 3/13/2025  
TIME SAMPLED: 9:35 AM  
DATE RECEIVED: 3/13/2025  
TIME RECEIVED: 1:15 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-14D CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	KC/TR	3/19/2025	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: 2018100140  
 LOCATION: WHITEWATER 32 CPF

GTA PROJECT NO: 031325-6  
 GTA SAMPLE NO: 2  
 DATE SAMPLED: 3/13/2025  
 TIME SAMPLED: 9:50 AM  
 DATE RECEIVED: 3/13/2025  
 TIME RECEIVED: 1:15 PM

SAMPLED BY: MI  
 JFR/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-16S CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	KC/TR	3/19/2025	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: 2018100140  
 LOCATION: WHITEWATER 32 CPF

GTA PROJECT NO: 031325-6  
 GTA SAMPLE NO: 3  
 DATE SAMPLED: 3/13/2025  
 TIME SAMPLED: 10:00 AM  
 DATE RECEIVED: 3/13/2025  
 TIME RECEIVED: 1:15 PM

MI  
 SAMPLED BY: JFR/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-9	CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	KC/TR	3/19/2025	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: 2018100140  
LOCATION: WHITEWATER 32 CPF

GTA PROJECT NO: 031325-6  
GTA SAMPLE NO: 4  
DATE SAMPLED: 3/13/2025  
TIME SAMPLED: 10:20 AM  
DATE RECEIVED: 3/13/2025  
TIME RECEIVED: 1:15 PM

MI  
SAMPLED BY: JFR/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-10S						
	CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	KC/TR	3/19/2025	WATER
	CONDUCTIVITY SM2510-B	390	1.0	uS/cm@25C	TR	3/19/2025	WATER

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

**CHAIN OF CUSTODY**

PROJECT NUMBER 2018100140	SITE NAME/ADDRESS White water 32 CPF	COMPANY/NAME Lambda Energy Resources
SAMPLED BY JFR	COMPANY GCS	GTA PROJECT # 031325-6

**SAMPLE INFORMATION**

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	MW-14D	3/13/25	9:35	GW	BTEX +4, Chloride
2	MW-16S		9:50		BTEX, chloride
3	MW-9		1000		BTEX, chloride
4	MW-10S		1020		BTEX, chloride, SC

BILL TO: Lambda	TempRec: <input type="checkbox"/> 2-5°C	On Ice? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	REPORT TO: J. Simsa
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RELEASED BY 	DATE/TIME 3-13-25 / 1315	RECEIVED BY K. Olan	DATE/TIME 3/13/25 1315
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REQUESTED TAT  STANDARD  1 BUSINESS DAY  2 BUSINESS DAYS  3 BUSINESS DAYS