



**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: 2018100122.01  
GTA ProjNo: 040725-10

Site Addr: MAYFIELD 19 CPF

Sampled By: T. ACKLER/GCES  
Date Rec: 4/7/2025  
Time Rec: 4:10 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-105	4/7/2025	2:58 PM	WATER
2	MW-119D	4/7/2025	2:18 PM	WATER
3	MW-122D	4/7/2025	12:58 PM	WATER
4	MW-121D	4/7/2025	3:36 PM	WATER
5	MW-116D	4/7/2025	1:55 PM	WATER
6	MW-118D	4/7/2025	12:14 PM	WATER
7	MW-117D	4/7/2025	2:38 PM	WATER
8	DUPLICATE 1	4/7/2025		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  
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SP: 231-590-0291  
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COMPANY: LAMBDA ENERGY RESOURCES, LLC  
PROJECT NO: 2018100122.01  
LOCATION: MAYFIELD 19 CPF  
MI  
SAMPLE MATRIX: WATER  
SAMPLE ID: MW-105

GTA PROJECT NO: 040725-10  
GTA SAMPLE NO: 1  
DATE SAMPLED: 4/7/2025  
TIME SAMPLED: 2:58 PM  
DATE RECEIVED: 4/7/2025  
TIME RECEIVED: 4:10 PM  
SAMPLED BY: T. ACKLER/GCES

**EPA 8260B VOLATILE ORGANICS**

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u> <u>Extracted</u>	<u>Date</u> <u>Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		4/8/2025	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: 2018100122.01  
 LOCATION: MAYFIELD 19 CPF  
 MI  
 SAMPLED BY: T. ACKLER/GCES

GTA PROJECT NO: 040725-10  
 GTA SAMPLE NO: 1  
 DATE SAMPLED: 4/7/2025  
 TIME SAMPLED: 2:58 PM  
 DATE RECEIVED: 4/7/2025  
 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-105						
	CHLORIDE EPA 300.0	15	10	mg/L (PPM)	KC/TR	4/15/2025	WATER
	CONDUCTIVITY SM2510-B	520	1.0	uS/cm@25C	TR	4/14/2025	WATER

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



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COMPANY: LAMBDA ENERGY RESOURCES, LLC  
PROJECT NO: 2018100122.01  
LOCATION: MAYFIELD 19 CPF  
MI  
SAMPLED BY: T. ACKLER/GCES

GTA PROJECT NO: 040725-10  
GTA SAMPLE NO: 2  
DATE SAMPLED: 4/7/2025  
TIME SAMPLED: 2:18 PM  
DATE RECEIVED: 4/7/2025  
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-119D CHLORIDE EPA 300.0	12	10	mg/L (PPM)	KC/TR	4/15/2025	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: 2018100122.01

LOCATION: MAYFIELD 19 CPF

GTA PROJECT NO: 040725-10

GTA SAMPLE NO: 3

DATE SAMPLED: 4/7/2025

TIME SAMPLED: 12:58 PM

DATE RECEIVED: 4/7/2025

TIME RECEIVED: 4:10 PM

MI

SAMPLED BY: T. ACKLER/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-122D	CHLORIDE EPA 300.0	250	10	mg/L (PPM)	KC/TR	4/15/2025	WATER

ND = NOT DETECTED, RESULT < LOD  
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COMPANY: LAMBDA ENERGY RESOURCES, LLC  
PROJECT NO: 2018100122.01  
LOCATION: MAYFIELD 19 CPF

GTA PROJECT NO: 040725-10  
GTA SAMPLE NO: 4  
DATE SAMPLED: 4/7/2025  
TIME SAMPLED: 3:36 PM  
DATE RECEIVED: 4/7/2025  
TIME RECEIVED: 4:10 PM

MI  
SAMPLED BY: T. ACKLER/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-121D CHLORIDE EPA 300.0	28	10	mg/L (PPM)	KC/TR	4/15/2025	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: 2018100122.01

LOCATION: MAYFIELD 19 CPF

GTA PROJECT NO: 040725-10

GTA SAMPLE NO: 5

DATE SAMPLED: 4/7/2025

TIME SAMPLED: 1:55 PM

DATE RECEIVED: 4/7/2025

TIME RECEIVED: 4:10 PM

MI

SAMPLED BY: T. ACKLER/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-116D CHLORIDE EPA 300.0	270	10	mg/L (PPM)	KC/TR	4/15/2025	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: 2018100122.01  
 LOCATION: MAYFIELD 19 CPF

GTA PROJECT NO: 040725-10  
 GTA SAMPLE NO: 6  
 DATE SAMPLED: 4/7/2025  
 TIME SAMPLED: 12:14 PM  
 DATE RECEIVED: 4/7/2025  
 TIME RECEIVED: 4:10 PM

MI  
 SAMPLED BY: T. ACKLER/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-118D CHLORIDE EPA 300.0	350	10	mg/L (PPM)	KC/TR	4/15/2025	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: 2018100122.01  
 LOCATION: MAYFIELD 19 CPF  
 MI  
 SAMPLED BY: T. ACKLER/GCES

GTA PROJECT NO: 040725-10  
 GTA SAMPLE NO: 8  
 DATE SAMPLED: 4/7/2025  
 TIME SAMPLED:  
 DATE RECEIVED: 4/7/2025  
 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: <b>DUPLICATE 1</b> CHLORIDE EPA 300.0	360	10	mg/L (PPM)	KC/TR	4/15/2025	WATER

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

**CHAIN OF CUSTODY**

PROJECT NUMBER 2018100122.01	SITE NAME/ADDRESS Mayfield 19 CPF	COMPANY/NAME Lambda Energy Resources, LLC
SAMPLED BY T. Ackler	COMPANY Gosling Czubak	GTA PROJECT # 040725-10

**SAMPLE INFORMATION**

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS	
1	MW-105	4-7-25	14:58	GW	BTEX, Chloride, Spec. Cond.	
2	MW-119d	↓	14:18	↓	Chloride	
3	MW-122d		12:58			
4	MW-121d		15:36			
5	MW-116d		13:55			
6	MW-118d		12:14			
7	MW-117d		14:38			
8	Duplicate-1					

BILL TO: LER	TempRec: <input type="checkbox"/> 1.9°C	On Ice? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	REPORT TO: J. Simsa
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RELEASED BY Trevor Ackler	DATE/TIME 4-7-25@16:10	RECEIVED BY A. Alpers	DATE/TIME 4/7/25 16:10
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REQUESTED TAT  STANDARD  1 BUSINESS DAY  2 BUSINESS DAYS  3 BUSINESS DAYS