

**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: 2018100122.01

GTA ProjNo: 061725-13

Site Addr: MAYFIELD 19 CPF

Sampled By: JOSHUA GERRIE/GCES

Date Rec: 6/17/2025

Time Rec: 3:25 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-105	6/17/2025	10:00 AM	WATER
2	MW-119D	6/17/2025	10:40 AM	WATER
3	MW-122D	6/17/2025	1:55 PM	WATER
4	MW-121D	6/17/2025	12:05 PM	WATER
5	MW-116D	6/17/2025	2:50 PM	WATER
6	MW-118D	6/17/2025	12:50 PM	WATER
7	MW-117D	6/17/2025	11:25 AM	WATER
8	RW-6	6/17/2025	9:15 AM	WATER
9	DUPLICATE	6/17/2025		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
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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: 061725-13
GTA SAMPLE NO: 1
DATE SAMPLED: 6/17/2025
TIME SAMPLED: 10:00 AM
DATE RECEIVED: 6/17/2025
TIME RECEIVED: 3:25 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		6/18/2025	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: 2018100122.01
LOCATION: MAYFIELD 19 CPF
MI
SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 061725-13
GTA SAMPLE NO: 1
DATE SAMPLED: 6/17/2025
TIME SAMPLED: 10:00 AM
DATE RECEIVED: 6/17/2025
TIME RECEIVED: 3:25 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	15	10	mg/L (PPM)	KC/TR	6/24/2025	WATER
CHLORIDE EPA 300.0	560	1.0	uS/cm@25C	TR	6/23/2025	WATER
CONDUCTIVITY SM2510-B						

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

GTA PROJECT NO: 061725-13

PROJECT NO: 2018100122.01

GTA SAMPLE NO: 2

LOCATION: MAYFIELD 19 CPF

DATE SAMPLED: 6/17/2025

TIME SAMPLED: 10:40 AM

DATE RECEIVED: 6/17/2025

TIME RECEIVED: 3:25 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-119D							
CHLORIDE EPA 300.0		12	10	mg/L (PPM)	KC/TR	6/24/2025	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: 061725-13

PROJECT NO: 2018100122.01

GTA SAMPLE NO: 3

LOCATION: MAYFIELD 19 CPF

DATE SAMPLED: 6/17/2025

TIME SAMPLED: 1:55 PM

DATE RECEIVED: 6/17/2025

TIME RECEIVED: 3:25 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-122D							
CHLORIDE EPA 300.0		270	10	mg/L (PPM)	KC/TR	6/24/2025	WATER

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100122.01
LOCATION: MAYFIELD 19 CPF
MI
SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 061725-13
GTA SAMPLE NO: 4
DATE SAMPLED: 6/17/2025
TIME SAMPLED: 12:05 PM
DATE RECEIVED: 6/17/2025
TIME RECEIVED: 3:25 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-121D CHLORIDE EPA 300.0	18	10	mg/L (PPM)	KC/TR	6/24/2025	WATER

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100122.01
LOCATION: MAYFIELD 19 CPF
MI
SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 061725-13
GTA SAMPLE NO: 5
DATE SAMPLED: 6/17/2025
TIME SAMPLED: 2:50 PM
DATE RECEIVED: 6/17/2025
TIME RECEIVED: 3:25 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-116D							
CHLORIDE EPA 300.0		210	10	mg/L (PPM)	KC/TR	6/24/2025	WATER

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COMPANY: LAMBDA ENERGY RESOURCES, LLC

GTA PROJECT NO: 061725-13

PROJECT NO: 2018100122.01

GTA SAMPLE NO: 6

LOCATION: MAYFIELD 19 CPF

DATE SAMPLED: 6/17/2025

TIME SAMPLED: 12:50 PM

DATE RECEIVED: 6/17/2025

TIME RECEIVED: 3:25 PM

MI

SAMPLED BY: JOSHUA GERRIE/GCES

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-118D

CHLORIDE EPA 300.0

Concentration

LOD

Units

Analyst

Date Completed

Sample Matrix

280

10

mg/L (PPM)

KC/TR

6/24/2025

WATER

ND = NOT DETECTED, RESULT < LOD

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COMPANY: LAMBDA ENERGY RESOURCES, LLC

GTA PROJECT NO: 061725-13

PROJECT NO: 2018100122.01

GTA SAMPLE NO: 7

LOCATION: MAYFIELD 19 CPF

DATE SAMPLED: 6/17/2025

TIME SAMPLED: 11:25 AM

DATE RECEIVED: 6/17/2025

TIME RECEIVED: 3:25 PM

MI

SAMPLED BY: JOSHUA GERRIE/GCES

SAMPLE ANALYSIS**No: Analysis**

SAMPLE ID: MW-117D

CHLORIDE EPA 300.0

Concentration

ND

LOD

10

Units

mg/L (PPM)

Analyst

KC/TR

Date Completed

6/24/2025

Sample Matrix

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: JOSHUA GERRIE/GCES

GTA PROJECT NO: 061725-13
GTA SAMPLE NO: 8
DATE SAMPLED: 6/17/2025
TIME SAMPLED: 9:15 AM
DATE RECEIVED: 6/17/2025
TIME RECEIVED: 3:25 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: RW-6 CHLORIDE EPA 300.0	46	10	mg/L (PPM)	KC/TR	6/24/2025	WATER

ND = NOT DETECTED, RESULT < LOD
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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100122.01
LOCATION: MAYFIELD 19 CPF
MI
SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 061725-13
GTA SAMPLE NO: 9
DATE SAMPLED: 6/17/2025
TIME SAMPLED:
DATE RECEIVED: 6/17/2025
TIME RECEIVED: 3:25 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	280	10	mg/L (PPM)	KC/TR	6/24/2025	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
SAMPLED BY Joshua Gervie	COMPANY Gosling Carbak	GTA PROJECT # 061725-13

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	MW-105	6-17-25	1000	GW	BTEX, Chloride, Sp. Cond
2	MW-119d	↓	1040	↓	Chloride
3	MW-122d		1355		
4	MW-121d		1205		
5	MW-116d		1450		
6	MW-118d		1250		
7	MW-117d		1125		
8	RW-6		0915		
9	Duplicate	↓	—	↓	↓

BILL TO: Lambda Energy Resources	TempRec: ☐ 4.0°C On Ice? ☒ Y ☐ N	REPORT TO: Jeff Simsa
RELEASED BY 	DATE/TIME 6-17-25 / 1525	RECEIVED BY
		DATE/TIME 6/17/25 1525
REQUESTED TAT ☒ STANDARD ☐ 1 BUSINESS DAY ☐ 2 BUSINESS DAYS ☐ 3 BUSINESS DAYS		