

**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: 121724-3

Site Addr: MAYFIELD 19 CPF

Sampled By: FERN SEXTON/GCES

Date Rec: 12/17/2024

Time Rec: 10:30 AM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-105	12/16/2024	11:25 AM	WATER
2	MW-119D	12/16/2024	2:40 PM	WATER
3	MW-121D	12/16/2024	3:20 PM	WATER
4	MW-118D	12/16/2024	4:00 PM	WATER
5	MW-122D	12/16/2024	4:25 PM	WATER
6	MW-116D	12/16/2024	5:00 PM	WATER
7	DUPLICATE	12/16/2024		WATER
8	EQUIPMENT BLANK	12/16/2024	1:35 PM	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: 2018100122.01
LOCATION: MAYFIELD 19 CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-105

GTA PROJECT NO: 121724-3
GTA SAMPLE NO: 1
DATE SAMPLED: 12/16/2024
TIME SAMPLED: 11:25 AM
DATE RECEIVED: 12/17/2024
TIME RECEIVED: 10:30 AM
SAMPLED BY: FERN SEXTON/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		12/18/2024	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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PROJECT NO: 2018100122.01

LOCATION: MAYFIELD 19 CPF

GTA PROJECT NO: 121724-3

GTA SAMPLE NO: 1

DATE SAMPLED: 12/16/2024

TIME SAMPLED: 11:25 AM

DATE RECEIVED: 12/17/2024

TIME RECEIVED: 10:30 AM

MI
SAMPLED BY: FERN SEXTON/GCES**SAMPLE ANALYSIS****No: Analysis**

SAMPLE ID: MW-105

CHLORIDE EPA 300.0

Concentration

20

LOD

10

Units

mg/L (PPM)

Analyst

KC/TR

Date Completed

12/24/2024

Sample Matrix

WATER

CONDUCTIVITY SM2510-B

550

1.0

uS/cm@25C

TR

12/19/2024

WATER

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s.u. = STANDARD pH UNITS REPORTED AT 25 C

DISS = DISSOLVED



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PROJECT NO: 2018100122.01
LOCATION: MAYFIELD 19 CPF
MI
SAMPLED BY: FERN SEXTON/GCES

GTA PROJECT NO: 121724-3
GTA SAMPLE NO: 2
DATE SAMPLED: 12/16/2024
TIME SAMPLED: 2:40 PM
DATE RECEIVED: 12/17/2024
TIME RECEIVED: 10:30 AM

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		ND	10	mg/L (PPM)	KC/TR	12/24/2024	WATER

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PROJECT NO: 2018100122.01
LOCATION: MAYFIELD 19 CPF
MI
SAMPLED BY: FERN SEXTON/GCES

GTA PROJECT NO: 121724-3
GTA SAMPLE NO: 3
DATE SAMPLED: 12/16/2024
TIME SAMPLED: 3:20 PM
DATE RECEIVED: 12/17/2024
TIME RECEIVED: 10:30 AM

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		32	10	mg/L (PPM)	KC/TR	12/24/2024	WATER

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PROJECT NO: 2018100122.01
LOCATION: MAYFIELD 19 CPF
MI
SAMPLED BY: FERN SEXTON/GCES

GTA PROJECT NO: 121724-3
GTA SAMPLE NO: 4
DATE SAMPLED: 12/16/2024
TIME SAMPLED: 4:00 PM
DATE RECEIVED: 12/17/2024
TIME RECEIVED: 10:30 AM

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	12/24/2024	WATER

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PROJECT NO: 2018100122.01
LOCATION: MAYFIELD 19 CPF
MI
SAMPLED BY: FERN SEXTON/GCES

GTA PROJECT NO: 121724-3
GTA SAMPLE NO: 5
DATE SAMPLED: 12/16/2024
TIME SAMPLED: 4:25 PM
DATE RECEIVED: 12/17/2024
TIME RECEIVED: 10:30 AM

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	54	10	mg/L (PPM)	KC/TR	12/24/2024	WATER

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

GTA PROJECT NO: 121724-3
GTA SAMPLE NO: 6
DATE SAMPLED: 12/16/2024
TIME SAMPLED: 5:00 PM
DATE RECEIVED: 12/17/2024
TIME RECEIVED: 10:30 AM

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	280	10	mg/L (PPM)	KC/TR	12/24/2024	WATER

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PROJECT NO: 2018100122.01
LOCATION: MAYFIELD 19 CPF
MI
SAMPLED BY: FERN SEXTON/GCES

GTA PROJECT NO: 121724-3
GTA SAMPLE NO: 7
DATE SAMPLED: 12/16/2024
TIME SAMPLED:
DATE RECEIVED: 12/17/2024
TIME RECEIVED: 10:30 AM

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		14	10	mg/L (PPM)	KC/TR	12/24/2024	WATER

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PROJECT NO: 2018100122.01
LOCATION: MAYFIELD 19 CPF
MI
SAMPLED BY: FERN SEXTON/GCES

GTA PROJECT NO: 121724-3
GTA SAMPLE NO: 8
DATE SAMPLED: 12/16/2024
TIME SAMPLED: 1:35 PM
DATE RECEIVED: 12/17/2024
TIME RECEIVED: 10:30 AM

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: EQUIPMENT BLANK CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	KC/TR	12/24/2024	WATER

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CHAIN OF CUSTODY

PROJECT NUMBER 2018100122.01	SITE NAME/ADDRESS Mayfield 19 CPF	COMPANY/NAME LER
SAMPLED BY Fern Sexton	COMPANY Gosling Czuba	GTA PROJECT # 121724-3

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	MW-105	12-16-24	11:25	GW	BTEX, Chloride, & Sp. Conductivity
2	MW-119d		14:40		Chloride
3	MW-121d		15:20		
4	MW-118d		16:00		
5	MW-122d		16:25		
6	MW-116d		17:00		
7	Duplicate				
8	Equipment Bank		13:35		

BILL TO: Lambda Energy Resources	TempRec: ☐ -10C	On Ice? ☒ Y ☐ N	REPORT TO: Jeff Simsa
RELEASED BY Jeff	DATE/TIME 12-17-24 - 10:30	RECEIVED BY K. M.	DATE/TIME 12/17/24 10:30
REQUESTED TAT ☐ STANDARD ☐ 1 BUSINESS DAY ☐ 2 BUSINESS DAYS ☐ 3 BUSINESS DAYS			