

**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: 061024-9

Site Addr: MAYFIELD 19 CPF

Sampled By: JOSHUA GERRIE/GCES

Date Rec: 6/10/2024

Time Rec: 4:05 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-105	6/10/2024		WATER
2	MW-119D	6/10/2024		WATER
3	MW-122D	6/10/2024		WATER
4	MW-121D	6/10/2024		WATER
5	MW-116D	6/10/2024		WATER
6	MW-118D	6/10/2024		WATER
7	DUPLICATE-1	6/10/2024		WATER
8	RW-6	6/10/2024		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: 061024-9
GTA SAMPLE NO: 1
DATE SAMPLED: 6/10/2024
TIME SAMPLED:
DATE RECEIVED: 6/10/2024
TIME RECEIVED: 4:05 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		6/11/2024	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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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100122.01
LOCATION: MAYFIELD 19 CPF
MI
SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 061024-9
GTA SAMPLE NO: 1
DATE SAMPLED: 6/10/2024
TIME SAMPLED:
DATE RECEIVED: 6/10/2024
TIME RECEIVED: 4:05 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	11	10	mg/L (PPM)	KC/TR	6/17/2024	WATER
CHLORIDE EPA 300.0	510	1.0	uS/cm@25C	TR	6/17/2024	WATER
CONDUCTIVITY SM2510-B						

ND = NOT DETECTED, RESULT < LOD
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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: JOSHUA GERRIE/GCES

GTA PROJECT NO: 061024-9
GTA SAMPLE NO: 2
DATE SAMPLED: 6/10/2024
TIME SAMPLED:
DATE RECEIVED: 6/10/2024
TIME RECEIVED: 4:05 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	ND	10	mg/L (PPM)	KC/TR	6/17/2024	WATER

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PROJECT NO: 2018100122.01
LOCATION: MAYFIELD 19 CPF
MI
SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 061024-9
GTA SAMPLE NO: 3
DATE SAMPLED: 6/10/2024
TIME SAMPLED:
DATE RECEIVED: 6/10/2024
TIME RECEIVED: 4:05 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-122D CHLORIDE EPA 300.0	87	10	mg/L (PPM)	KC/TR	6/17/2024	WATER

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PROJECT NO: 2018100122.01
LOCATION: MAYFIELD 19 CPF
MI
SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 061024-9
GTA SAMPLE NO: 4
DATE SAMPLED: 6/10/2024
TIME SAMPLED:
DATE RECEIVED: 6/10/2024
TIME RECEIVED: 4:05 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		22	10	mg/L (PPM)	KC/TR	6/17/2024	WATER

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PROJECT NO: 2018100122.01
LOCATION: MAYFIELD 19 CPF
MI
SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 061024-9
GTA SAMPLE NO: 5
DATE SAMPLED: 6/10/2024
TIME SAMPLED:
DATE RECEIVED: 6/10/2024
TIME RECEIVED: 4:05 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		300	10	mg/L (PPM)	KC/TR	6/17/2024	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: 061024-9
GTA SAMPLE NO: 6
DATE SAMPLED: 6/10/2024
TIME SAMPLED:
DATE RECEIVED: 6/10/2024
TIME RECEIVED: 4:05 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-118D CHLORIDE EPA 300.0	300	10	mg/L (PPM)	KC/TR	6/17/2024	WATER

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PROJECT NO: 2018100122.01
LOCATION: MAYFIELD 19 CPF
MI
SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 061024-9
GTA SAMPLE NO: 7
DATE SAMPLED: 6/10/2024
TIME SAMPLED:
DATE RECEIVED: 6/10/2024
TIME RECEIVED: 4:05 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-1 CHLORIDE EPA 300.0	300	10	mg/L (PPM)	KC/TR	6/17/2024	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: 061024-9
GTA SAMPLE NO: 8
DATE SAMPLED: 6/10/2024
TIME SAMPLED:
DATE RECEIVED: 6/10/2024
TIME RECEIVED: 4:05 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	ND	10	mg/L (PPM)	KC/TR	6/17/2024	WATER

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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 Czubak	GTA PROJECT # 061024-9

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	MW-105	6-10-24		GW	BTEX Chloride & Sp. Cond.
2	MW-119D				Chloride
3	MW-122D				
4	MW-121D				
5	MW-116D				
6	MW-118D				
7	Duplicate-1				
8	RW-C				

BILL TO: Lambda Energy Resources	TempRec: ☐ On Ice? ☒ ☐ 2.1°C	REPORT TO: Jeff Simsa
RELEASED BY 	DATE/TIME 6-10-24 / 1605	RECEIVED BY
		DATE/TIME 6/10/24 1605
REQUESTED TAT ☒ STANDARD ☐ 1 BUSINESS DAY ☐ 2 BUSINESS DAYS ☐ 3 BUSINESS DAYS		