



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: 2018100109

GTA ProjNo: 120624-1

Site Addr: SPRINDALE 25 CPF

Sampled By: JFR/GCES

Date Rec: 12/6/2024

Time Rec: 12:05 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-10	12/6/2024	10:10 AM	WATER
2	MW-11	12/6/2024	10:35 AM	WATER
3	MW-17	12/6/2024	10:45 AM	WATER
4	MW-14R	12/6/2024	10:55 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
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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100109
LOCATION: SPRINDALE 25 CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-10

GTA PROJECT NO: 120624-1
GTA SAMPLE NO: 1
DATE SAMPLED: 12/6/2024
TIME SAMPLED: 10:10 AM
DATE RECEIVED: 12/6/2024
TIME RECEIVED: 12:05 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</u> <u>Extracted</u>	<u>Date</u> <u>Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		12/6/2024	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	GTA PROJECT NO:	120624-1
PROJECT NO:	2018100109	GTA SAMPLE NO:	2
LOCATION:	SPRINDALE 25 CPF	DATE SAMPLED:	12/6/2024
		TIME SAMPLED:	10:35 AM
		DATE RECEIVED:	12/6/2024
	MI	TIME RECEIVED:	12:05 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-11	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</u> <u>Extracted</u>	<u>Date</u> <u>Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		12/6/2024	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	1.7	1.0					
Xylene(Total)	9.1	3.0					
1,2,4-Trimethylbenzene	9.9	1.0					
1,3,5-Trimethylbenzene	1.1	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100109
LOCATION: SPRINDALE 25 CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-17

GTA PROJECT NO: 120624-1
GTA SAMPLE NO: 3
DATE SAMPLED: 12/6/2024
TIME SAMPLED: 10:45 AM
DATE RECEIVED: 12/6/2024
TIME RECEIVED: 12:05 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</u> <u>Extracted</u>	<u>Date</u> <u>Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		12/6/2024	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	27	1.0					
Xylene(Total)	43	3.0					
1,2,4-Trimethylbenzene	53	1.0					
1,3,5-Trimethylbenzene	19	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100109
LOCATION: SPRINDALE 25 CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-14R

GTA PROJECT NO: 120624-1
GTA SAMPLE NO: 4
DATE SAMPLED: 12/6/2024
TIME SAMPLED: 10:55 AM
DATE RECEIVED: 12/6/2024
TIME RECEIVED: 12:05 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		12/6/2024	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	25	3.0					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100109
LOCATION: SPRINDALE 25 CPF
MI
SAMPLED BY: JFR/GCES

GTA PROJECT NO: 120624-1
GTA SAMPLE NO: 1
DATE SAMPLED: 12/6/2024
TIME SAMPLED: 10:10 AM
DATE RECEIVED: 12/6/2024
TIME RECEIVED: 12:05 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-10	ND	10	mg/L (PPM)	TR	12/11/2024	WATER
CHLORIDE EPA 300.0						
CONDUCTIVITY SM2510-B	140	1.0	uS/cm@25C	TR	12/11/2024	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

GTA PROJECT NO: 120624-1

PROJECT NO: 2018100109

GTA SAMPLE NO: 2

LOCATION: SPRINDALE 25 CPF

DATE SAMPLED: 12/6/2024

TIME SAMPLED: 10:35 AM

DATE RECEIVED: 12/6/2024

TIME RECEIVED: 12:05 PM

MI

SAMPLED BY: JFR/GCES

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-11

CHLORIDE EPA 300.0

Concentration

ND

LOD

10

Units

mg/L (PPM)

Analyst

TR

Date Completed

12/11/2024

Sample Matrix

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

GTA PROJECT NO: 120624-1

PROJECT NO: 2018100109

GTA SAMPLE NO: 3

LOCATION: SPRINDALE 25 CPF

DATE SAMPLED: 12/6/2024

TIME SAMPLED: 10:45 AM

DATE RECEIVED: 12/6/2024

TIME RECEIVED: 12:05 PM

MI

SAMPLED BY: JFR/GCES

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-17

CHLORIDE EPA 300.0

Concentration

ND

LOD

10

Units

mg/L (PPM)

Analyst

TR

Date Completed

12/11/2024

Sample Matrix

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

GTA PROJECT NO: 120624-1

PROJECT NO: 2018100109

GTA SAMPLE NO: 4

LOCATION: SPRINDALE 25 CPF

DATE SAMPLED: 12/6/2024

TIME SAMPLED: 10:55 AM

DATE RECEIVED: 12/6/2024

TIME RECEIVED: 12:05 PM

MI

SAMPLED BY: JFR/GCES

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-14R

CHLORIDE EPA 300.0

Concentration

ND

LOD

10

Units

mg/L (PPM)

Analyst

TR

Date Completed

12/11/2024

Sample Matrix

WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

CHAIN OF CUSTODY

PROJECT NUMBER 2018100109	SITE NAME/ADDRESS Springdale 25 CPF	COMPANY/NAME Lumada Energy Resources LLC
SAMPLED BY JFR	COMPANY GCES	GTA PROJECT # 120624-1

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	MW-10	12/6/24	10:10	6W	BTEX, chloride, SC
2	MW-11		10:35		BTEX +4, chloride
3	MW-17		10:45		
4	MW-14R		10:55		BTEX, chloride

BILL TO: GCES	TempRec: ☐ 5.0°C	On Ice? ☒ Y ☐ N	REPORT TO: E. Vinke
RELEASED BY [Signature]	DATE/TIME 12/6/24 1205	RECEIVED BY [Signature]	DATE/TIME 12/6/24 1205
REQUESTED TAT ☒ STANDARD ☐ 1 BUSINESS DAY ☐ 2 BUSINESS DAYS ☐ 3 BUSINESS DAYS			