

**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: Site Addr: GERALDINE 3-35

ClientProj: 20-128

GTA ProjNo: 050824-8

Sampled By: WPM/OMPC

Date Rec: 5/8/2024

Time Rec: 3:50 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-2	5/7/2024	2:00 PM	WATER
2	MW-3	5/7/2024	1:10 PM	WATER
3	MW-6	5/8/2024	12:00 PM	WATER
4	MW-10	5/8/2024	11:00 AM	WATER
5	MW-11	5/8/2024	11:45 AM	WATER
6	MW-21	5/7/2024	12:10 PM	WATER
7	MW-25	5/7/2024	2:45 PM	WATER
8	MW-34	5/7/2024	3:20 PM	WATER
9	MW-37	5/7/2024	12:00 PM	WATER
10	MW-38	5/8/2024	10:30 AM	WATER
11	MW-39	5/7/2024	3:00 PM	WATER
12	MW-40	5/7/2024	12:45 PM	WATER
13	MW-41	5/7/2024	2:15 PM	WATER
14	MW-42	5/8/2024	10:00 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
Grand Traverse Analytical
830 Robinwood Court
Traverse City, MI 49686
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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 20-128
LOCATION: GERALDINE 3-35
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-2

GTA PROJECT NO: 050824-8
GTA SAMPLE NO: 1
DATE SAMPLED: 5/7/2024
TIME SAMPLED: 2:00 PM
DATE RECEIVED: 5/8/2024
TIME RECEIVED: 3:50 PM
SAMPLED BY: WPM/OMPC

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>Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		5/10/2024	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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: 20-128
LOCATION: GERALDINE 3-35
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-3

GTA PROJECT NO: 050824-8
GTA SAMPLE NO: 2
DATE SAMPLED: 5/7/2024
TIME SAMPLED: 1:10 PM
DATE RECEIVED: 5/8/2024
TIME RECEIVED: 3:50 PM
SAMPLED BY: WPM/OMPC

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>Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		5/10/2024	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 20-128
LOCATION: GERALDINE 3-35
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-6

GTA PROJECT NO: 050824-8
GTA SAMPLE NO: 3
DATE SAMPLED: 5/8/2024
TIME SAMPLED: 12:00 PM
DATE RECEIVED: 5/8/2024
TIME RECEIVED: 3:50 PM
SAMPLED BY: WPM/OMPC

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>Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		5/10/2024	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 20-128
LOCATION: GERALDINE 3-35
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-10

GTA PROJECT NO: 050824-8
GTA SAMPLE NO: 4
DATE SAMPLED: 5/8/2024
TIME SAMPLED: 11:00 AM
DATE RECEIVED: 5/8/2024
TIME RECEIVED: 3:50 PM
SAMPLED BY: WPM/OMPC

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>Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		5/10/2024	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	2.6	1.0					
Xylene(Total)	27	3.0					
1,2,4-Trimethylbenzene	16	1.0					
1,3,5-Trimethylbenzene	ND	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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FAX: 231-929-0894

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 20-128
LOCATION: GERALDINE 3-35
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-11

GTA PROJECT NO: 050824-8
GTA SAMPLE NO: 5
DATE SAMPLED: 5/8/2024
TIME SAMPLED: 11:45 AM
DATE RECEIVED: 5/8/2024
TIME RECEIVED: 3:50 PM
SAMPLED BY: WPM/OMPC

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>Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		5/10/2024	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	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	GTA PROJECT NO:	050824-8
PROJECT NO:	20-128	GTA SAMPLE NO:	6
LOCATION:	GERALDINE 3-35	DATE SAMPLED:	5/7/2024
		TIME SAMPLED:	12:10 PM
		DATE RECEIVED:	5/8/2024
	MI	TIME RECEIVED:	3:50 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-21	SAMPLED BY:	WPM/OMPC

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>Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		5/10/2024	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	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	GTA PROJECT NO:	050824-8
PROJECT NO:	20-128	GTA SAMPLE NO:	7
LOCATION:	GERALDINE 3-35	DATE SAMPLED:	5/7/2024
		TIME SAMPLED:	2:45 PM
		DATE RECEIVED:	5/8/2024
	MI	TIME RECEIVED:	3:50 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-25	SAMPLED BY:	WPM/OMPC

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>Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		5/10/2024	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	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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LOD = LIMIT OF DETECTION

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 20-128
LOCATION: GERALDINE 3-35
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-34

GTA PROJECT NO: 050824-8
GTA SAMPLE NO: 8
DATE SAMPLED: 5/7/2024
TIME SAMPLED: 3:20 PM
DATE RECEIVED: 5/8/2024
TIME RECEIVED: 3:50 PM
SAMPLED BY: WPM/OMPC

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>Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		5/10/2024	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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LOD = LIMIT OF DETECTION

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 20-128
LOCATION: GERALDINE 3-35
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-37

GTA PROJECT NO: 050824-8
GTA SAMPLE NO: 9
DATE SAMPLED: 5/7/2024
TIME SAMPLED: 12:00 PM
DATE RECEIVED: 5/8/2024
TIME RECEIVED: 3:50 PM
SAMPLED BY: WPM/OMPC

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>Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		5/10/2024	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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FAX: 231-929-0894

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COMPANY:	LAMBDA ENERGY RESOURCES, LLC	GTA PROJECT NO:	050824-8
PROJECT NO:	20-128	GTA SAMPLE NO:	10
LOCATION:	GERALDINE 3-35	DATE SAMPLED:	5/8/2024
		TIME SAMPLED:	10:30 AM
		DATE RECEIVED:	5/8/2024
	MI	TIME RECEIVED:	3:50 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-38	SAMPLED BY:	WPM/OMPC

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>Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		5/10/2024	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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: 20-128
LOCATION: GERALDINE 3-35
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-39

GTA PROJECT NO: 050824-8
GTA SAMPLE NO: 11
DATE SAMPLED: 5/7/2024
TIME SAMPLED: 3:00 PM
DATE RECEIVED: 5/8/2024
TIME RECEIVED: 3:50 PM
SAMPLED BY: WPM/OMPC

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>Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		5/10/2024	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	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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LOD = LIMIT OF DETECTION

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 20-128
LOCATION: GERALDINE 3-35
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-40

GTA PROJECT NO: 050824-8
GTA SAMPLE NO: 12
DATE SAMPLED: 5/7/2024
TIME SAMPLED: 12:45 PM
DATE RECEIVED: 5/8/2024
TIME RECEIVED: 3:50 PM
SAMPLED BY: WPM/OMPC

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>Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		5/10/2024	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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:	050824-8
PROJECT NO:	20-128	GTA SAMPLE NO:	13
LOCATION:	GERALDINE 3-35	DATE SAMPLED:	5/7/2024
		TIME SAMPLED:	2:15 PM
		DATE RECEIVED:	5/8/2024
	MI	TIME RECEIVED:	3:50 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-41	SAMPLED BY:	WPM/OMPC

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>Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		5/10/2024	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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: 20-128
LOCATION: GERALDINE 3-35
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-42

GTA PROJECT NO: 050824-8
GTA SAMPLE NO: 14
DATE SAMPLED: 5/8/2024
TIME SAMPLED: 10:00 AM
DATE RECEIVED: 5/8/2024
TIME RECEIVED: 3:50 PM
SAMPLED BY: WPM/OMPC

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>Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		5/10/2024	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

**INDEPENDENT TESTING LAB**

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PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

COMPANY: LAMBDA ENERGY RESOURCES, LLC

PROJECT NO: 20-128

LOCATION: GERALDINE 3-35

GTA PROJECT NO: 050824-8

GTA SAMPLE NO: 1

DATE SAMPLED: 5/7/2024

TIME SAMPLED: 2:00 PM

DATE RECEIVED: 5/8/2024

TIME RECEIVED: 3:50 PM

SAMPLED BY: MI
WPM/OMPC**SAMPLE ANALYSIS****No: Analysis**

SAMPLE ID: MW-2

CHLORIDE EPA 300.0

Concentration

ND

LOD

10

Units

mg/L (PPM)

Analyst

KC/TR

Date Completed

5/19/2024

Sample Matrix

WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

**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

GTA PROJECT NO: 050824-8

PROJECT NO: 20-128

GTA SAMPLE NO: 2

LOCATION: GERALDINE 3-35

DATE SAMPLED: 5/7/2024

TIME SAMPLED: 1:10 PM

DATE RECEIVED: 5/8/2024

TIME RECEIVED: 3:50 PM

SAMPLED BY: MI
WPM/OMPC**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-3							
CHLORIDE EPA 300.0		18	10	mg/L (PPM)	KC/TR	5/19/2024	WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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



INDEPENDENT TESTING LAB

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COMPANY: LAMBDA ENERGY RESOURCES, LLC

GTA PROJECT NO: 050824-8

PROJECT NO: 20-128

GTA SAMPLE NO: 3

LOCATION: GERALDINE 3-35

DATE SAMPLED: 5/8/2024

TIME SAMPLED: 12:00 PM

DATE RECEIVED: 5/8/2024

TIME RECEIVED: 3:50 PM

SAMPLED BY: MI
WPM/OMPC

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-6							
CHLORIDE EPA 300.0		24	10	mg/L (PPM)	KC/TR	5/19/2024	WATER

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GTA PROJECT NO: 050824-8

PROJECT NO: 20-128

GTA SAMPLE NO: 4

LOCATION: GERALDINE 3-35

DATE SAMPLED: 5/8/2024

TIME SAMPLED: 11:00 AM

DATE RECEIVED: 5/8/2024

TIME RECEIVED: 3:50 PM

MI

SAMPLED BY: WPM/OMPC

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							
CHLORIDE EPA 300.0		14	10	mg/L (PPM)	KC/TR	5/19/2024	WATER

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

COMPANY: LAMBDA ENERGY RESOURCES, LLC

GTA PROJECT NO: 050824-8

PROJECT NO: 20-128

GTA SAMPLE NO: 5

LOCATION: GERALDINE 3-35

DATE SAMPLED: 5/8/2024

TIME SAMPLED: 11:45 AM

DATE RECEIVED: 5/8/2024

TIME RECEIVED: 3:50 PM

SAMPLED BY: MI
WPM/OMPC

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-11							
CHLORIDE EPA 300.0		27	10	mg/L (PPM)	KC/TR	5/19/2024	WATER

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GTA PROJECT NO: 050824-8

PROJECT NO: 20-128

GTA SAMPLE NO: 6

LOCATION: GERALDINE 3-35

DATE SAMPLED: 5/7/2024

TIME SAMPLED: 12:10 PM

DATE RECEIVED: 5/8/2024

TIME RECEIVED: 3:50 PM

SAMPLED BY: MI
WPM/OMPC

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-21							
CHLORIDE EPA 300.0		ND	10	mg/L (PPM)	KC/TR	5/19/2024	WATER

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GTA PROJECT NO: 050824-8

PROJECT NO: 20-128

GTA SAMPLE NO: 7

LOCATION: GERALDINE 3-35

DATE SAMPLED: 5/7/2024

TIME SAMPLED: 2:45 PM

DATE RECEIVED: 5/8/2024

TIME RECEIVED: 3:50 PM

SAMPLED BY: MI
WPM/OMPC

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-25							
CHLORIDE EPA 300.0		16	10	mg/L (PPM)	KC/TR	5/19/2024	WATER

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GTA PROJECT NO: 050824-8

PROJECT NO: 20-128

GTA SAMPLE NO: 8

LOCATION: GERALDINE 3-35

DATE SAMPLED: 5/7/2024

TIME SAMPLED: 3:20 PM

DATE RECEIVED: 5/8/2024

TIME RECEIVED: 3:50 PM

MI

SAMPLED BY: WPM/OMPC

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-34

CHLORIDE EPA 300.0

Concentration

LOD

Units

Analyst

Date Completed

Sample Matrix

ND

10

mg/L (PPM)

KC/TR

5/19/2024

WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

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GTA PROJECT NO: 050824-8

PROJECT NO: 20-128

GTA SAMPLE NO: 9

LOCATION: GERALDINE 3-35

DATE SAMPLED: 5/7/2024

TIME SAMPLED: 12:00 PM

DATE RECEIVED: 5/8/2024

TIME RECEIVED: 3:50 PM

SAMPLED BY: MI
WPM/OMPC**SAMPLE ANALYSIS****No: Analysis**

SAMPLE ID: MW-37

CHLORIDE EPA 300.0

Concentration**LOD****Units****Analyst****Date Completed****Sample Matrix**

ND

10

mg/L (PPM)

KC/TR

5/19/2024

WATER

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LOD = LIMIT OF DETECTION

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



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GTA PROJECT NO: 050824-8

PROJECT NO: 20-128

GTA SAMPLE NO: 10

LOCATION: GERALDINE 3-35

DATE SAMPLED: 5/8/2024

TIME SAMPLED: 10:30 AM

DATE RECEIVED: 5/8/2024

TIME RECEIVED: 3:50 PM

SAMPLED BY: MI
WPM/OMPC

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-38							
CHLORIDE EPA 300.0		18	10	mg/L (PPM)	KC/TR	5/19/2024	WATER

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GTA PROJECT NO: 050824-8

PROJECT NO: 20-128

GTA SAMPLE NO: 11

LOCATION: GERALDINE 3-35

DATE SAMPLED: 5/7/2024

TIME SAMPLED: 3:00 PM

DATE RECEIVED: 5/8/2024

TIME RECEIVED: 3:50 PM

SAMPLED BY: MI
WPM/OMPC

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-39							
CHLORIDE EPA 300.0		13	10	mg/L (PPM)	KC/TR	5/19/2024	WATER

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GTA PROJECT NO: 050824-8

PROJECT NO: 20-128

GTA SAMPLE NO: 12

LOCATION: GERALDINE 3-35

DATE SAMPLED: 5/7/2024

TIME SAMPLED: 12:45 PM

DATE RECEIVED: 5/8/2024

TIME RECEIVED: 3:50 PM

SAMPLED BY: MI
WPM/OMPC

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-40							
CHLORIDE EPA 300.0		19	10	mg/L (PPM)	KC/TR	5/21/2024	WATER

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COMPANY: LAMBDA ENERGY RESOURCES, LLC

GTA PROJECT NO: 050824-8

PROJECT NO: 20-128

GTA SAMPLE NO: 13

LOCATION: GERALDINE 3-35

DATE SAMPLED: 5/7/2024

TIME SAMPLED: 2:15 PM

DATE RECEIVED: 5/8/2024

TIME RECEIVED: 3:50 PM

MI

SAMPLED BY: WPM/OMPC

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-41

CHLORIDE EPA 300.0

Concentration

16

LOD

10

Units

mg/L (PPM)

Analyst

KC/TR

Date Completed

5/21/2024

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: 050824-8

PROJECT NO: 20-128

GTA SAMPLE NO: 14

LOCATION: GERALDINE 3-35

DATE SAMPLED: 5/8/2024

TIME SAMPLED: 10:00 AM

DATE RECEIVED: 5/8/2024

TIME RECEIVED: 3:50 PM

MI

SAMPLED BY: WPM/OMPC

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-42

CHLORIDE EPA 300.0

Concentration

21

LOD

10

Units

mg/L (PPM)

Analyst

KC/TR

Date Completed

5/21/2024

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 20-128	SITE NAME/ADDRESS Gemline 3-35	COMPANY/NAME Lambda
SAMPLED BY WPM	COMPANY DMPC	GTA PROJECT # 050824-8

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	MW-2	5/7/24	1400	H ₂ O	HIPs + Chlorites
2	MW-3	↓	1310		
3	MW-6	5/8/24	1200		
4	MW-10	↓	1100		
5	MW-11	↓	1145		
6	MW-21	5/7/24	1210		
7	MW-25	↓	1445		
8	MW-34	↓	1520		
9	MW-37	↓	1200		
10	MW-38	5/8/24	1030		
11	MW-39	5/7/24	1500		
12	MW-40	↓	1245		
13	MW-41	↓	1415		
14	MW-42	5/8/24	1000	↓	↓

BILL TO:	TempRec: ☐ On Ice? ☒ ☐ 2.0 °C	REPORT TO: Dan Burton
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RELEASED BY [Signature]	DATE/TIME 5/8/24 1550	RECEIVED BY [Signature]	DATE/TIME 5/8/24 1550
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REQUESTED TAT ☒ STANDARD ☐ 1 BUSINESS DAY ☐ 2 BUSINESS DAYS ☐ 3 BUSINESS DAYS