

**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: 20-120

GTA ProjNo: 031524-1

Site Addr: COLDSRINGS 29A

Sampled By: WPM/OMPC

Date Rec: 3/15/2024

Time Rec: 9:25 AM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-2D	3/13/2024	10:30 AM	WATER
2	MW-3	3/12/2024	11:15 AM	WATER
3	MW-14A	3/12/2024	11:50 AM	WATER
4	MW-14B	3/12/2024	12:20 PM	WATER
5	MW-14C	3/12/2024	11:55 AM	WATER
6	MW-14D	3/12/2024	11:20 AM	WATER
7	MW-15A	3/13/2024	9:40 AM	WATER
8	MW-15D	3/13/2024	10:00 AM	WATER
9	MW-16A	3/12/2024	2:00 PM	WATER
10	MW-16C	3/12/2024	1:45 PM	WATER
11	MW-17-70	3/12/2024	10:00 AM	WATER
12	MW-17-83	3/12/2024	10:45 AM	WATER
13	MW-18-70	3/13/2024	11:25 AM	WATER
14	MW-19-3S	3/12/2024	1:20 PM	WATER
15	MW-19-5S	3/12/2024	12:50 PM	WATER
16	MW-20-5S	3/13/2024	12:20 PM	WATER
17	MW-20-69	3/13/2024	1:00 PM	WATER
18	EW-2	3/13/2024	11:00 AM	WATER
19	EW-5	3/13/2024	11:15 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
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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 20-120
LOCATION: COLDSPRINGS 29A
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-2D

GTA PROJECT NO: 031524-1
GTA SAMPLE NO: 1
DATE SAMPLED: 3/13/2024
TIME SAMPLED: 10:30 AM
DATE RECEIVED: 3/15/2024
TIME RECEIVED: 9:25 AM
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 Extracted</u>	<u>Date Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		3/19/2024	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: 20-120
LOCATION: COLDSPRINGS 29A
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-3

GTA PROJECT NO: 031524-1
GTA SAMPLE NO: 2
DATE SAMPLED: 3/12/2024
TIME SAMPLED: 11:15 AM
DATE RECEIVED: 3/15/2024
TIME RECEIVED: 9:25 AM
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 Extracted</u>	<u>Date Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		3/19/2024	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: 20-120
LOCATION: COLDSPRINGS 29A
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-14A

GTA PROJECT NO: 031524-1
GTA SAMPLE NO: 3
DATE SAMPLED: 3/12/2024
TIME SAMPLED: 11:50 AM
DATE RECEIVED: 3/15/2024
TIME RECEIVED: 9:25 AM
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 Extracted</u>	<u>Date Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		3/19/2024	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: 20-120
LOCATION: COLDSPRINGS 29A
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-14B

GTA PROJECT NO: 031524-1
GTA SAMPLE NO: 4
DATE SAMPLED: 3/12/2024
TIME SAMPLED: 12:20 PM
DATE RECEIVED: 3/15/2024
TIME RECEIVED: 9:25 AM
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 Extracted</u>	<u>Date Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		3/19/2024	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: 20-120
LOCATION: COLDSPRINGS 29A
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-14C

GTA PROJECT NO: 031524-1
GTA SAMPLE NO: 5
DATE SAMPLED: 3/12/2024
TIME SAMPLED: 11:55 AM
DATE RECEIVED: 3/15/2024
TIME RECEIVED: 9:25 AM
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 Extracted</u>	<u>Date Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		3/19/2024	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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PROJECT NO: 20-120
LOCATION: COLDSPRINGS 29A
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-14D

GTA PROJECT NO: 031524-1
GTA SAMPLE NO: 6
DATE SAMPLED: 3/12/2024
TIME SAMPLED: 11:20 AM
DATE RECEIVED: 3/15/2024
TIME RECEIVED: 9:25 AM
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 Extracted</u>	<u>Date Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		3/19/2024	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: 20-120
LOCATION: COLDSPRINGS 29A
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-15A

GTA PROJECT NO: 031524-1
GTA SAMPLE NO: 7
DATE SAMPLED: 3/13/2024
TIME SAMPLED: 9:40 AM
DATE RECEIVED: 3/15/2024
TIME RECEIVED: 9:25 AM
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 Extracted</u>	<u>Date Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		3/19/2024	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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PROJECT NO: 20-120
LOCATION: COLDSPRINGS 29A
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-15D

GTA PROJECT NO: 031524-1
GTA SAMPLE NO: 8
DATE SAMPLED: 3/13/2024
TIME SAMPLED: 10:00 AM
DATE RECEIVED: 3/15/2024
TIME RECEIVED: 9:25 AM
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 Extracted</u>	<u>Date Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		3/19/2024	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: 20-120
LOCATION: COLDSPRINGS 29A
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-16A

GTA PROJECT NO: 031524-1
GTA SAMPLE NO: 9
DATE SAMPLED: 3/12/2024
TIME SAMPLED: 2:00 PM
DATE RECEIVED: 3/15/2024
TIME RECEIVED: 9:25 AM
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 Extracted</u>	<u>Date Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		3/19/2024	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: 20-120
LOCATION: COLDSPRINGS 29A
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-16C

GTA PROJECT NO: 031524-1
GTA SAMPLE NO: 10
DATE SAMPLED: 3/12/2024
TIME SAMPLED: 1:45 PM
DATE RECEIVED: 3/15/2024
TIME RECEIVED: 9:25 AM
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 Extracted</u>	<u>Date Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		3/19/2024	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

COMPANY:	LAMBDA ENERGY RESOURCES, LLC	GTA PROJECT NO:	031524-1
PROJECT NO:	20-120	GTA SAMPLE NO:	11
LOCATION:	COLDSPRINGS 29A	DATE SAMPLED:	3/12/2024
		TIME SAMPLED:	10:00 AM
		DATE RECEIVED:	3/15/2024
	MI	TIME RECEIVED:	9:25 AM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-17-70	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 Extracted</u>	<u>Date Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		3/19/2024	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

COMPANY:	LAMBDA ENERGY RESOURCES, LLC	GTA PROJECT NO:	031524-1
PROJECT NO:	20-120	GTA SAMPLE NO:	12
LOCATION:	COLDSPRINGS 29A	DATE SAMPLED:	3/12/2024
		TIME SAMPLED:	10:45 AM
		DATE RECEIVED:	3/15/2024
	MI	TIME RECEIVED:	9:25 AM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-17-83	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		3/19/2024	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: 20-120
LOCATION: COLDSPRINGS 29A
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-18-70

GTA PROJECT NO: 031524-1
GTA SAMPLE NO: 13
DATE SAMPLED: 3/13/2024
TIME SAMPLED: 11:25 AM
DATE RECEIVED: 3/15/2024
TIME RECEIVED: 9:25 AM
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 Extracted</u>	<u>Date Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		3/19/2024	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: 20-120
LOCATION: COLDSPRINGS 29A
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-19-3S

GTA PROJECT NO: 031524-1
GTA SAMPLE NO: 14
DATE SAMPLED: 3/12/2024
TIME SAMPLED: 1:20 PM
DATE RECEIVED: 3/15/2024
TIME RECEIVED: 9:25 AM
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 Extracted</u>	<u>Date Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		3/19/2024	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: 20-120
LOCATION: COLDSPRINGS 29A
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-19-5S

GTA PROJECT NO: 031524-1
GTA SAMPLE NO: 15
DATE SAMPLED: 3/12/2024
TIME SAMPLED: 12:50 PM
DATE RECEIVED: 3/15/2024
TIME RECEIVED: 9:25 AM
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 Extracted</u>	<u>Date Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		3/19/2024	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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ND = NOT DETECTED, RESULT < LOD
LOD = LIMIT OF DETECTION

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 20-120
LOCATION: COLDSPRINGS 29A
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-20-5S

GTA PROJECT NO: 031524-1
GTA SAMPLE NO: 16
DATE SAMPLED: 3/13/2024
TIME SAMPLED: 12:20 PM
DATE RECEIVED: 3/15/2024
TIME RECEIVED: 9:25 AM
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 Extracted</u>	<u>Date Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		3/19/2024	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**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 20-120
LOCATION: COLDSPRINGS 29A
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-20-69

GTA PROJECT NO: 031524-1
GTA SAMPLE NO: 17
DATE SAMPLED: 3/13/2024
TIME SAMPLED: 1:00 PM
DATE RECEIVED: 3/15/2024
TIME RECEIVED: 9:25 AM
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 Extracted</u>	<u>Date Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		3/19/2024	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: 20-120
LOCATION: COLDSPRINGS 29A
MI
SAMPLE MATRIX: WATER
SAMPLE ID: EW-2

GTA PROJECT NO: 031524-1
GTA SAMPLE NO: 18
DATE SAMPLED: 3/13/2024
TIME SAMPLED: 11:00 AM
DATE RECEIVED: 3/15/2024
TIME RECEIVED: 9:25 AM
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 Extracted</u>	<u>Date Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		3/19/2024	EPA 5030B
Toluene	5.5	1.0					
Ethylbenzene	39	1.0					
Xylene(Total)	220	3.0					
1,2,4-Trimethylbenzene	29	1.0					
1,3,5-Trimethylbenzene	8.5	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: 20-120
LOCATION: COLDSPRINGS 29A
MI
SAMPLE MATRIX: WATER
SAMPLE ID: EW-5

GTA PROJECT NO: 031524-1
GTA SAMPLE NO: 19
DATE SAMPLED: 3/13/2024
TIME SAMPLED: 11:15 AM
DATE RECEIVED: 3/15/2024
TIME RECEIVED: 9:25 AM
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 Extracted</u>	<u>Date Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		3/19/2024	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	1.2	1.0					
Xylene(Total)	9.6	3.0					
1,2,4-Trimethylbenzene	1.5	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: 031524-1

PROJECT NO: 20-120

GTA SAMPLE NO: 1

LOCATION: COLDSPRINGS 29A

DATE SAMPLED: 3/13/2024

TIME SAMPLED: 10:30 AM

DATE RECEIVED: 3/15/2024

TIME RECEIVED: 9:25 AM

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-2D							
CHLORIDE EPA 300.0		ND	10	mg/L (PPM)	KC/TR	3/20/2024	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: 031524-1

PROJECT NO: 20-120

GTA SAMPLE NO: 2

LOCATION: COLDSPRINGS 29A

DATE SAMPLED: 3/12/2024

TIME SAMPLED: 11:15 AM

DATE RECEIVED: 3/15/2024

TIME RECEIVED: 9:25 AM

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		ND	10	mg/L (PPM)	KC/TR	3/20/2024	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: 031524-1

PROJECT NO: 20-120

GTA SAMPLE NO: 3

LOCATION: COLDSPRINGS 29A

DATE SAMPLED: 3/12/2024

TIME SAMPLED: 11:50 AM

DATE RECEIVED: 3/15/2024

TIME RECEIVED: 9:25 AM

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-14A							
CHLORIDE EPA 300.0		ND	10	mg/L (PPM)	KC/TR	3/20/2024	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: 031524-1

PROJECT NO: 20-120

GTA SAMPLE NO: 4

LOCATION: COLDSPRINGS 29A

DATE SAMPLED: 3/12/2024

TIME SAMPLED: 12:20 PM

DATE RECEIVED: 3/15/2024

TIME RECEIVED: 9:25 AM

MI

SAMPLED BY: WPM/OMPC

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-14B

CHLORIDE EPA 300.0

Concentration

ND

LOD

10

Units

mg/L (PPM)

Analyst

KC/TR

Date Completed

3/20/2024

Sample Matrix

WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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



INDEPENDENT TESTING LAB

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COMPANY: LAMBDA ENERGY RESOURCES, LLC

GTA PROJECT NO: 031524-1

PROJECT NO: 20-120

GTA SAMPLE NO: 5

LOCATION: COLDSPRINGS 29A

DATE SAMPLED: 3/12/2024

TIME SAMPLED: 11:55 AM

DATE RECEIVED: 3/15/2024

TIME RECEIVED: 9:25 AM

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-14C						
	CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	KC/TR	3/21/2024	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: 031524-1

PROJECT NO: 20-120

GTA SAMPLE NO: 6

LOCATION: COLDSPRINGS 29A

DATE SAMPLED: 3/12/2024

TIME SAMPLED: 11:20 AM

DATE RECEIVED: 3/15/2024

TIME RECEIVED: 9:25 AM

MI

SAMPLED BY: WPM/OMPC

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-14D

CHLORIDE EPA 300.0

Concentration

LOD

Units

Analyst

Date Completed

Sample Matrix

ND

10

mg/L (PPM)

KC/TR

3/21/2024

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: 031524-1

PROJECT NO: 20-120

GTA SAMPLE NO: 7

LOCATION: COLDSPRINGS 29A

DATE SAMPLED: 3/13/2024

TIME SAMPLED: 9:40 AM

DATE RECEIVED: 3/15/2024

TIME RECEIVED: 9:25 AM

MI

SAMPLED BY: WPM/OMPC

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-15A

CHLORIDE EPA 300.0

Concentration

LOD

Units

Analyst

Date Completed

Sample Matrix

ND

10

mg/L (PPM)

KC/TR

3/21/2024

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: 031524-1

PROJECT NO: 20-120

GTA SAMPLE NO: 8

LOCATION: COLDSPRINGS 29A

DATE SAMPLED: 3/13/2024

TIME SAMPLED: 10:00 AM

DATE RECEIVED: 3/15/2024

TIME RECEIVED: 9:25 AM

MI

SAMPLED BY: WPM/OMPC

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-15D

CHLORIDE EPA 300.0

Concentration

25

LOD

10

Units

mg/L (PPM)

Analyst

KC/TR

Date Completed

3/21/2024

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: 031524-1

PROJECT NO: 20-120

GTA SAMPLE NO: 9

LOCATION: COLDSPRINGS 29A

DATE SAMPLED: 3/12/2024

TIME SAMPLED: 2:00 PM

DATE RECEIVED: 3/15/2024

TIME RECEIVED: 9:25 AM

MI

SAMPLED BY: WPM/OMPC

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-16A

CHLORIDE EPA 300.0

Concentration

LOD

Units

Analyst

Date Completed

Sample Matrix

ND

10

mg/L (PPM)

KC/TR

3/21/2024

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: 031524-1

PROJECT NO: 20-120

GTA SAMPLE NO: 10

LOCATION: COLDSPRINGS 29A

DATE SAMPLED: 3/12/2024

TIME SAMPLED: 1:45 PM

DATE RECEIVED: 3/15/2024

TIME RECEIVED: 9:25 AM

MI

SAMPLED BY: WPM/OMPC

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-16C

CHLORIDE EPA 300.0

Concentration

LOD

Units

Analyst

Date Completed

Sample Matrix

ND

10

mg/L (PPM)

KC/TR

3/21/2024

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: 031524-1

PROJECT NO: 20-120

GTA SAMPLE NO: 11

LOCATION: COLDSPRINGS 29A

DATE SAMPLED: 3/12/2024

TIME SAMPLED: 10:00 AM

DATE RECEIVED: 3/15/2024

TIME RECEIVED: 9:25 AM

MI

SAMPLED BY: WPM/OMPC

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-17-70

CHLORIDE EPA 300.0

Concentration

LOD

Units

Analyst

Date Completed

Sample Matrix

ND

10

mg/L (PPM)

KC/TR

3/21/2024

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: 031524-1

PROJECT NO: 20-120

GTA SAMPLE NO: 12

LOCATION: COLDSPRINGS 29A

DATE SAMPLED: 3/12/2024

TIME SAMPLED: 10:45 AM

DATE RECEIVED: 3/15/2024

TIME RECEIVED: 9:25 AM

MI

SAMPLED BY: WPM/OMPC

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-17-83

CHLORIDE EPA 300.0

Concentration

24

LOD

10

Units

mg/L (PPM)

Analyst

KC/TR

Date Completed

3/21/2024

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: 031524-1

PROJECT NO: 20-120

GTA SAMPLE NO: 13

LOCATION: COLDSPRINGS 29A

DATE SAMPLED: 3/13/2024

TIME SAMPLED: 11:25 AM

DATE RECEIVED: 3/15/2024

TIME RECEIVED: 9:25 AM

MI

SAMPLED BY: WPM/OMPC

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-18-70

CHLORIDE EPA 300.0

Concentration

LOD

Units

Analyst

Date Completed

Sample Matrix

ND

10

mg/L (PPM)

KC/TR

3/21/2024

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: 031524-1

PROJECT NO: 20-120

GTA SAMPLE NO: 14

LOCATION: COLDSPRINGS 29A

DATE SAMPLED: 3/12/2024

TIME SAMPLED: 1:20 PM

DATE RECEIVED: 3/15/2024

TIME RECEIVED: 9:25 AM

MI

SAMPLED BY: WPM/OMPC

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-19-3S

CHLORIDE EPA 300.0

Concentration

LOD

Units

Analyst

Date Completed

Sample Matrix

ND

10

mg/L (PPM)

KC/TR

3/21/2024

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: 031524-1

PROJECT NO: 20-120

GTA SAMPLE NO: 15

LOCATION: COLDSPRINGS 29A

DATE SAMPLED: 3/12/2024

TIME SAMPLED: 12:50 PM

DATE RECEIVED: 3/15/2024

TIME RECEIVED: 9:25 AM

MI

SAMPLED BY: WPM/OMPC

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-19-5S

CHLORIDE EPA 300.0

Concentration

LOD

Units

Analyst

Date Completed

Sample Matrix

ND

10

mg/L (PPM)

KC/TR

3/21/2024

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: 031524-1

PROJECT NO: 20-120

GTA SAMPLE NO: 16

LOCATION: COLDSPRINGS 29A

DATE SAMPLED: 3/13/2024

TIME SAMPLED: 12:20 PM

DATE RECEIVED: 3/15/2024

TIME RECEIVED: 9:25 AM

MI

SAMPLED BY: WPM/OMPC

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-20-5S

CHLORIDE EPA 300.0

Concentration

LOD

Units

Analyst

Date Completed

Sample Matrix

360

10

mg/L (PPM)

KC/TR

3/21/2024

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: 031524-1

PROJECT NO: 20-120

GTA SAMPLE NO: 17

LOCATION: COLDSPRINGS 29A

DATE SAMPLED: 3/13/2024

TIME SAMPLED: 1:00 PM

DATE RECEIVED: 3/15/2024

TIME RECEIVED: 9:25 AM

MI

SAMPLED BY: WPM/OMPC

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-20-69

CHLORIDE EPA 300.0

Concentration

1,200

LOD

50

Units

mg/L (PPM)

Analyst

KC/TR

Date Completed

3/21/2024

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: 031524-1

PROJECT NO: 20-120

GTA SAMPLE NO: 18

LOCATION: COLDSPRINGS 29A

DATE SAMPLED: 3/13/2024

TIME SAMPLED: 11:00 AM

DATE RECEIVED: 3/15/2024

TIME RECEIVED: 9:25 AM

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: EW-2							
CHLORIDE EPA 300.0		ND	10	mg/L (PPM)	KC/TR	3/21/2024	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: 031524-1

PROJECT NO: 20-120

GTA SAMPLE NO: 19

LOCATION: COLDSPRINGS 29A

DATE SAMPLED: 3/13/2024

TIME SAMPLED: 11:15 AM

DATE RECEIVED: 3/15/2024

TIME RECEIVED: 9:25 AM

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: EW-5							
CHLORIDE EPA 300.0		ND	10	mg/L (PPM)	KC/TR	3/21/2024	WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

10/2

CHAIN OF CUSTODY

PROJECT NUMBER 20-120	SITE NAME/ADDRESS Coldsprings 29A	COMPANY/NAME Cambridge
SAMPLED BY WPM	COMPANY OMPC	GTA PROJECT # 031524-1

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	MW-2A	3/13/24	1030	H ₂ O	HIPs + Chlorides
2	MW-3	3/12/24	1115		
3	MW-14A	3/12/24	1150		
4	MW-14B		1220		
5	MW-14C		1155		
6	MW-14D	✓	1120		
7	MW-15A	3/13/24	940		
8	MW-15D	3/13/24	1000		
9	MW-16A	3/12/24	1400 1345		
10	MW-16C		1345		
11	MW-17-70		1000		
12	MW-17-83	✓	1045		
13	MW-18-70	3/13/24	1125		
14	MW-19-35	3/12/24	1320		
15	MW-19-55	✓	1250		

BILL TO:	TempRec: ☐ 3.0°C	On Ice? ☒ Y ☐ N	REPORT TO: Dan Barton
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RELEASED BY [Signature]	DATE/TIME 3-15-24 925	RECEIVED BY [Signature]	DATE/TIME 3-15-24 9:25am
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REQUESTED TAT ☒ STANDARD ☐ 1 BUSINESS DAY ☐ 2 BUSINESS DAYS ☐ 3 BUSINESS DAYS

