

**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

Site Addr: COLD SPINGS 29A

GTA ProjNo: 042525-13

Sampled By: ANDREW PUFFPAFF/OMPC
Date Rec: 4/25/2025
Time Rec: 2:10 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-2D	4/24/2025		WATER
2	MW-3	4/25/2025		WATER
3	MW-8-37	4/25/2025		WATER
4	MW-8-70	4/25/2025		WATER
5	MW-14A	4/25/2025		WATER
6	MW-14B	4/25/2025		WATER
7	MW-14C	4/25/2025		WATER
8	MW-14D	4/24/2025		WATER
9	MW-15A	4/24/2025		WATER
10	MW-15D	4/24/2025		WATER
11	MW-16A	4/24/2025		WATER
12	MW-16C	4/24/2025		WATER
13	MW-17-70	4/25/2025		WATER
14	MW-17-83	4/24/2025		WATER
15	MW-18-70	4/24/2025		WATER
16	MW-19-35	4/24/2025		WATER
17	MW-19-55	4/24/2025		WATER
18	MW-20-55	4/24/2025		WATER
19	MW-20-69	4/24/2025		WATER
20	MW-26	4/25/2025		WATER
21	MW-27	4/25/2025		WATER
22	EW-2	4/24/2025		WATER
23	EW-5	4/24/2025		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: 20-120
LOCATION: COLD SPINGS 29A
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-2D

GTA PROJECT NO: 042525-13
GTA SAMPLE NO: 1
DATE SAMPLED: 4/24/2025
TIME SAMPLED:
DATE RECEIVED: 4/25/2025
TIME RECEIVED: 2:10 PM
SAMPLED BY: ANDREW PUFFPAFF/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 Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		4/28/2025	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: COLD SPINGS 29A
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-3

GTA PROJECT NO: 042525-13
GTA SAMPLE NO: 2
DATE SAMPLED: 4/25/2025
TIME SAMPLED:
DATE RECEIVED: 4/25/2025
TIME RECEIVED: 2:10 PM
SAMPLED BY: ANDREW PUFFPAFF/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 Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		4/28/2025	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: COLD SPINGS 29A
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-8-37

GTA PROJECT NO: 042525-13
GTA SAMPLE NO: 3
DATE SAMPLED: 4/25/2025
TIME SAMPLED:
DATE RECEIVED: 4/25/2025
TIME RECEIVED: 2:10 PM
SAMPLED BY: ANDREW PUFFPAFF/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 Complete</u>	<u>Prep Method</u>
Benzene	150	1.0	ug/L (PPB)	MR		4/28/2025	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	59	1.0					
Xylene(Total)	45	3.0					
1,2,4-Trimethylbenzene	2.1	1.0					
1,3,5-Trimethylbenzene	1.3	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: COLD SPINGS 29A
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-8-70

GTA PROJECT NO: 042525-13
GTA SAMPLE NO: 4
DATE SAMPLED: 4/25/2025
TIME SAMPLED:
DATE RECEIVED: 4/25/2025
TIME RECEIVED: 2:10 PM
SAMPLED BY: ANDREW PUFFPAFF/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 Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		4/28/2025	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: COLD SPINGS 29A
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-14A

GTA PROJECT NO: 042525-13
GTA SAMPLE NO: 5
DATE SAMPLED: 4/25/2025
TIME SAMPLED:
DATE RECEIVED: 4/25/2025
TIME RECEIVED: 2:10 PM
SAMPLED BY: ANDREW PUFFPAFF/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 Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		4/28/2025	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: COLD SPINGS 29A
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-14B

GTA PROJECT NO: 042525-13
GTA SAMPLE NO: 6
DATE SAMPLED: 4/25/2025
TIME SAMPLED:
DATE RECEIVED: 4/25/2025
TIME RECEIVED: 2:10 PM
SAMPLED BY: ANDREW PUFFPAFF/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 Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		4/28/2025	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: COLD SPINGS 29A
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-14C

GTA PROJECT NO: 042525-13
GTA SAMPLE NO: 7
DATE SAMPLED: 4/25/2025
TIME SAMPLED:
DATE RECEIVED: 4/25/2025
TIME RECEIVED: 2:10 PM
SAMPLED BY: ANDREW PUFFPAFF/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 Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		4/28/2025	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: COLD SPINGS 29A
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-14D

GTA PROJECT NO: 042525-13
GTA SAMPLE NO: 8
DATE SAMPLED: 4/24/2025
TIME SAMPLED:
DATE RECEIVED: 4/25/2025
TIME RECEIVED: 2:10 PM
SAMPLED BY: ANDREW PUFFPAFF/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 Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		4/28/2025	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: COLD SPINGS 29A
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-15A

GTA PROJECT NO: 042525-13
GTA SAMPLE NO: 9
DATE SAMPLED: 4/24/2025
TIME SAMPLED:
DATE RECEIVED: 4/25/2025
TIME RECEIVED: 2:10 PM
SAMPLED BY: ANDREW PUFFPAFF/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 Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		4/28/2025	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: COLD SPINGS 29A
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-15D

GTA PROJECT NO: 042525-13
GTA SAMPLE NO: 10
DATE SAMPLED: 4/24/2025
TIME SAMPLED:
DATE RECEIVED: 4/25/2025
TIME RECEIVED: 2:10 PM
SAMPLED BY: ANDREW PUFFPAFF/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 Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		4/28/2025	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: COLD SPINGS 29A
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-16A

GTA PROJECT NO: 042525-13
GTA SAMPLE NO: 11
DATE SAMPLED: 4/24/2025
TIME SAMPLED:
DATE RECEIVED: 4/25/2025
TIME RECEIVED: 2:10 PM
SAMPLED BY: ANDREW PUFFPAFF/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 Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		4/28/2025	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: COLD SPINGS 29A
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-16C

GTA PROJECT NO: 042525-13
GTA SAMPLE NO: 12
DATE SAMPLED: 4/24/2025
TIME SAMPLED:
DATE RECEIVED: 4/25/2025
TIME RECEIVED: 2:10 PM
SAMPLED BY: ANDREW PUFFPAFF/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 Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		4/28/2025	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: COLD SPINGS 29A
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-17-70

GTA PROJECT NO: 042525-13
GTA SAMPLE NO: 13
DATE SAMPLED: 4/25/2025
TIME SAMPLED:
DATE RECEIVED: 4/25/2025
TIME RECEIVED: 2:10 PM
SAMPLED BY: ANDREW PUFFPAFF/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 Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		4/28/2025	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: COLD SPINGS 29A
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-17-83

GTA PROJECT NO: 042525-13
GTA SAMPLE NO: 14
DATE SAMPLED: 4/24/2025
TIME SAMPLED:
DATE RECEIVED: 4/25/2025
TIME RECEIVED: 2:10 PM
SAMPLED BY: ANDREW PUFFPAFF/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 Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		4/28/2025	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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PH: 231-929-0905

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www.gtanalytical.com

COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 20-120
LOCATION: COLD SPINGS 29A
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-18-70

GTA PROJECT NO: 042525-13
GTA SAMPLE NO: 15
DATE SAMPLED: 4/24/2025
TIME SAMPLED:
DATE RECEIVED: 4/25/2025
TIME RECEIVED: 2:10 PM
SAMPLED BY: ANDREW PUFFPAFF/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 Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		4/28/2025	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: COLD SPINGS 29A
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-19-35

GTA PROJECT NO: 042525-13
GTA SAMPLE NO: 16
DATE SAMPLED: 4/24/2025
TIME SAMPLED:
DATE RECEIVED: 4/25/2025
TIME RECEIVED: 2:10 PM
SAMPLED BY: ANDREW PUFFPAFF/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 Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		4/28/2025	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: COLD SPINGS 29A
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-19-55

GTA PROJECT NO: 042525-13
GTA SAMPLE NO: 17
DATE SAMPLED: 4/24/2025
TIME SAMPLED:
DATE RECEIVED: 4/25/2025
TIME RECEIVED: 2:10 PM
SAMPLED BY: ANDREW PUFFPAFF/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 Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		4/28/2025	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: COLD SPINGS 29A
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-20-55

GTA PROJECT NO: 042525-13
GTA SAMPLE NO: 18
DATE SAMPLED: 4/24/2025
TIME SAMPLED:
DATE RECEIVED: 4/25/2025
TIME RECEIVED: 2:10 PM
SAMPLED BY: ANDREW PUFFPAFF/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 Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		4/28/2025	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: 20-120
LOCATION: COLD SPINGS 29A
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-20-69

GTA PROJECT NO: 042525-13
GTA SAMPLE NO: 19
DATE SAMPLED: 4/24/2025
TIME SAMPLED:
DATE RECEIVED: 4/25/2025
TIME RECEIVED: 2:10 PM
SAMPLED BY: ANDREW PUFFPAFF/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 Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		4/28/2025	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: 20-120
LOCATION: COLD SPINGS 29A
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-26

GTA PROJECT NO: 042525-13
GTA SAMPLE NO: 20
DATE SAMPLED: 4/25/2025
TIME SAMPLED:
DATE RECEIVED: 4/25/2025
TIME RECEIVED: 2:10 PM
SAMPLED BY: ANDREW PUFFPAFF/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 Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		4/28/2025	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
PROJECT NO: 20-120
LOCATION: COLD SPINGS 29A
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-27

GTA PROJECT NO: 042525-13
GTA SAMPLE NO: 21
DATE SAMPLED: 4/25/2025
TIME SAMPLED:
DATE RECEIVED: 4/25/2025
TIME RECEIVED: 2:10 PM
SAMPLED BY: ANDREW PUFFPAFF/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 Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		4/28/2025	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: COLD SPINGS 29A
MI
SAMPLE MATRIX: WATER
SAMPLE ID: EW-2

GTA PROJECT NO: 042525-13
GTA SAMPLE NO: 22
DATE SAMPLED: 4/24/2025
TIME SAMPLED:
DATE RECEIVED: 4/25/2025
TIME RECEIVED: 2:10 PM

SAMPLED BY: ANDREW PUFFPAFF/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 Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		4/28/2025	EPA 5030B
Toluene	1.2	1.0					
Ethylbenzene	3.6	1.0					
Xylene(Total)	27	3.0					
1,2,4-Trimethylbenzene	1.6	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: 20-120
LOCATION: COLD SPINGS 29A
MI
SAMPLE MATRIX: WATER
SAMPLE ID: EW-5

GTA PROJECT NO: 042525-13
GTA SAMPLE NO: 23
DATE SAMPLED: 4/24/2025
TIME SAMPLED:
DATE RECEIVED: 4/25/2025
TIME RECEIVED: 2:10 PM

SAMPLED BY: ANDREW PUFFPAFF/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 Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		4/28/2025	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	1.9	1.0					
Xylene(Total)	15	3.0					
1,2,4-Trimethylbenzene	3.8	1.0					
1,3,5-Trimethylbenzene	1.6	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: COLD SPINGS 29A

GTA PROJECT NO: 042525-13

GTA SAMPLE NO: 1

DATE SAMPLED: 4/24/2025

TIME SAMPLED:

DATE RECEIVED: 4/25/2025

TIME RECEIVED: 2:10 PM

MI

SAMPLED BY: ANDREW PUFFPAFF/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	5/2/2025	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

PROJECT NO: 20-120

LOCATION: COLD SPINGS 29A

GTA PROJECT NO: 042525-13

GTA SAMPLE NO: 2

DATE SAMPLED: 4/25/2025

TIME SAMPLED:

DATE RECEIVED: 4/25/2025

TIME RECEIVED: 2:10 PM

MI

SAMPLED BY: ANDREW PUFFPAFF/OMPC

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-3

CHLORIDE EPA 300.0

Concentration

ND

LOD

10

Units

mg/L (PPM)

Analyst

KC/TR

Date Completed

5/2/2025

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
PROJECT NO: 20-120
LOCATION: COLD SPINGS 29A
MI
SAMPLED BY: ANDREW PUFFPAFF/OMPC

GTA PROJECT NO: 042525-13
GTA SAMPLE NO: 3
DATE SAMPLED: 4/25/2025
TIME SAMPLED:
DATE RECEIVED: 4/25/2025
TIME RECEIVED: 2:10 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-8-37							
CHLORIDE EPA 300.0		ND	10	mg/L (PPM)	KC/TR	5/2/2025	WATER

ND = NOT DETECTED, RESULT < LOD
LOD = LIMIT OF DETECTION
s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 20-120
LOCATION: COLD SPINGS 29A
MI
SAMPLED BY: ANDREW PUFFPAFF/OMPC

GTA PROJECT NO: 042525-13
GTA SAMPLE NO: 4
DATE SAMPLED: 4/25/2025
TIME SAMPLED:
DATE RECEIVED: 4/25/2025
TIME RECEIVED: 2:10 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-8-70							
CHLORIDE EPA 300.0		77	10	mg/L (PPM)	KC/TR	5/2/2025	WATER

ND = NOT DETECTED, RESULT < LOD
LOD = LIMIT OF DETECTION
s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 20-120
LOCATION: COLD SPINGS 29A
MI
SAMPLED BY: ANDREW PUFFPAFF/OMPC

GTA PROJECT NO: 042525-13
GTA SAMPLE NO: 5
DATE SAMPLED: 4/25/2025
TIME SAMPLED:
DATE RECEIVED: 4/25/2025
TIME RECEIVED: 2:10 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-14A CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	KC/TR	5/2/2025	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: 042525-13

PROJECT NO: 20-120

GTA SAMPLE NO: 7

LOCATION: COLD SPINGS 29A

DATE SAMPLED: 4/25/2025

TIME SAMPLED:

DATE RECEIVED: 4/25/2025

TIME RECEIVED: 2:10 PM

MI

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SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-14C

CHLORIDE EPA 300.0

Concentration

ND

LOD

10

Units

mg/L (PPM)

Analyst

KC/TR

Date Completed

5/2/2025

Sample Matrix

WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 20-120
LOCATION: COLD SPINGS 29A
MI
SAMPLED BY: ANDREW PUFFPAFF/OMPC

GTA PROJECT NO: 042525-13
GTA SAMPLE NO: 8
DATE SAMPLED: 4/24/2025
TIME SAMPLED:
DATE RECEIVED: 4/25/2025
TIME RECEIVED: 2:10 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-14D							
CHLORIDE EPA 300.0		ND	10	mg/L (PPM)	KC/TR	5/2/2025	WATER

ND = NOT DETECTED, RESULT < LOD
LOD = LIMIT OF DETECTION
s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 20-120
LOCATION: COLD SPINGS 29A
MI
SAMPLED BY: ANDREW PUFFPAFF/OMPC

GTA PROJECT NO: 042525-13
GTA SAMPLE NO: 9
DATE SAMPLED: 4/24/2025
TIME SAMPLED:
DATE RECEIVED: 4/25/2025
TIME RECEIVED: 2:10 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-15A							
CHLORIDE EPA 300.0		ND	10	mg/L (PPM)	KC/TR	5/2/2025	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

PROJECT NO: 20-120

LOCATION: COLD SPINGS 29A

GTA PROJECT NO: 042525-13

GTA SAMPLE NO: 10

DATE SAMPLED: 4/24/2025

TIME SAMPLED:

DATE RECEIVED: 4/25/2025

TIME RECEIVED: 2:10 PM

MI

SAMPLED BY: ANDREW PUFFPAFF/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-15D							
CHLORIDE EPA 300.0		12	10	mg/L (PPM)	KC/TR	5/2/2025	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

PROJECT NO: 20-120

LOCATION: COLD SPINGS 29A

GTA PROJECT NO: 042525-13

GTA SAMPLE NO: 11

DATE SAMPLED: 4/24/2025

TIME SAMPLED:

DATE RECEIVED: 4/25/2025

TIME RECEIVED: 2:10 PM

MI

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SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-16A

CHLORIDE EPA 300.0

Concentration

ND

LOD

10

Units

mg/L (PPM)

Analyst

KC/TR

Date Completed

5/2/2025

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

PROJECT NO: 20-120

LOCATION: COLD SPINGS 29A

GTA PROJECT NO: 042525-13

GTA SAMPLE NO: 12

DATE SAMPLED: 4/24/2025

TIME SAMPLED:

DATE RECEIVED: 4/25/2025

TIME RECEIVED: 2:10 PM

MI

SAMPLED BY: ANDREW PUFFPAFF/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-16C							
CHLORIDE EPA 300.0		ND	10	mg/L (PPM)	KC/TR	5/2/2025	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

PROJECT NO: 20-120

LOCATION: COLD SPINGS 29A

GTA PROJECT NO: 042525-13

GTA SAMPLE NO: 13

DATE SAMPLED: 4/25/2025

TIME SAMPLED:

DATE RECEIVED: 4/25/2025

TIME RECEIVED: 2:10 PM

MI

SAMPLED BY: ANDREW PUFFPAFF/OMPC

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-17-70

CHLORIDE EPA 300.0

Concentration

ND

LOD

10

Units

mg/L (PPM)

Analyst

KC/TR

Date Completed

5/2/2025

Sample Matrix

WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

COMPANY: LAMBDA ENERGY RESOURCES, LLC

GTA PROJECT NO: 042525-13

PROJECT NO: 20-120

GTA SAMPLE NO: 14

LOCATION: COLD SPINGS 29A

DATE SAMPLED: 4/24/2025

TIME SAMPLED:

DATE RECEIVED: 4/25/2025

TIME RECEIVED: 2:10 PM

MI

SAMPLED BY: ANDREW PUFFPAFF/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-17-83							
CHLORIDE EPA 300.0		15	10	mg/L (PPM)	KC/TR	5/2/2025	WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

COMPANY: LAMBDA ENERGY RESOURCES, LLC

GTA PROJECT NO: 042525-13

PROJECT NO: 20-120

GTA SAMPLE NO: 15

LOCATION: COLD SPINGS 29A

DATE SAMPLED: 4/24/2025

TIME SAMPLED:

DATE RECEIVED: 4/25/2025

TIME RECEIVED: 2:10 PM

MI

SAMPLED BY: ANDREW PUFFPAFF/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

5/2/2025

WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 20-120
LOCATION: COLD SPINGS 29A
MI
SAMPLED BY: ANDREW PUFFPAFF/OMPC

GTA PROJECT NO: 042525-13
GTA SAMPLE NO: 16
DATE SAMPLED: 4/24/2025
TIME SAMPLED:
DATE RECEIVED: 4/25/2025
TIME RECEIVED: 2:10 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-19-35	CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	KC/TR	5/2/2025	WATER

ND = NOT DETECTED, RESULT < LOD
LOD = LIMIT OF DETECTION
s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 20-120
LOCATION: COLD SPINGS 29A
MI
SAMPLED BY: ANDREW PUFFPAFF/OMPC

GTA PROJECT NO: 042525-13
GTA SAMPLE NO: 17
DATE SAMPLED: 4/24/2025
TIME SAMPLED:
DATE RECEIVED: 4/25/2025
TIME RECEIVED: 2:10 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-19-55	CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	KC/TR	5/2/2025	WATER

ND = NOT DETECTED, RESULT < LOD
LOD = LIMIT OF DETECTION
s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: LAMBDA ENERGY RESOURCES, LLC

GTA PROJECT NO: 042525-13

PROJECT NO: 20-120

GTA SAMPLE NO: 18

LOCATION: COLD SPINGS 29A

DATE SAMPLED: 4/24/2025

TIME SAMPLED:

DATE RECEIVED: 4/25/2025

TIME RECEIVED: 2:10 PM

MI

SAMPLED BY: ANDREW PUFFPAFF/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-20-55							
CHLORIDE EPA 300.0		340	20	mg/L (PPM)	KC/TR	5/2/2025	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

PROJECT NO: 20-120

LOCATION: COLD SPINGS 29A

GTA PROJECT NO: 042525-13

GTA SAMPLE NO: 19

DATE SAMPLED: 4/24/2025

TIME SAMPLED:

DATE RECEIVED: 4/25/2025

TIME RECEIVED: 2:10 PM

MI

SAMPLED BY: ANDREW PUFFPAFF/OMPC

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-20-69

CHLORIDE EPA 300.0

Concentration

1,000

LOD

50

Units

mg/L (PPM)

Analyst

KC/TR

Date Completed

5/2/2025

Sample Matrix

WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 20-120
LOCATION: COLD SPINGS 29A
MI
SAMPLED BY: ANDREW PUFFPAFF/OMPC

GTA PROJECT NO: 042525-13
GTA SAMPLE NO: 20
DATE SAMPLED: 4/25/2025
TIME SAMPLED:
DATE RECEIVED: 4/25/2025
TIME RECEIVED: 2:10 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-26							
CHLORIDE EPA 300.0		120	10	mg/L (PPM)	KC/TR	5/2/2025	WATER

ND = NOT DETECTED, RESULT < LOD
LOD = LIMIT OF DETECTION
s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 20-120
LOCATION: COLD SPINGS 29A
MI
SAMPLED BY: ANDREW PUFFPAFF/OMPC

GTA PROJECT NO: 042525-13
GTA SAMPLE NO: 21
DATE SAMPLED: 4/25/2025
TIME SAMPLED:
DATE RECEIVED: 4/25/2025
TIME RECEIVED: 2:10 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-27							
CHLORIDE EPA 300.0		ND	10	mg/L (PPM)	KC/TR	5/2/2025	WATER

ND = NOT DETECTED, RESULT < LOD
LOD = LIMIT OF DETECTION
s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: LAMBDA ENERGY RESOURCES, LLC

GTA PROJECT NO: 042525-13

PROJECT NO: 20-120

GTA SAMPLE NO: 22

LOCATION: COLD SPINGS 29A

DATE SAMPLED: 4/24/2025

TIME SAMPLED:

DATE RECEIVED: 4/25/2025

TIME RECEIVED: 2:10 PM

MI

SAMPLED BY: ANDREW PUFFPAFF/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	5/2/2025	WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

COMPANY: LAMBDA ENERGY RESOURCES, LLC

GTA PROJECT NO: 042525-13

PROJECT NO: 20-120

GTA SAMPLE NO: 23

LOCATION: COLD SPINGS 29A

DATE SAMPLED: 4/24/2025

TIME SAMPLED:

DATE RECEIVED: 4/25/2025

TIME RECEIVED: 2:10 PM

MI

SAMPLED BY: ANDREW PUFFPAFF/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	5/2/2025	WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

CHAIN OF CUSTODY

PROJECT NUMBER 20-120	SITE NAME/ADDRESS Cold Springs 29a	COMPANY/NAME Lambda
SAMPLED BY Andrew Puffpatt	COMPANY OMPC	GTA PROJECT # 042525-13

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	MW-2d	4/24/25		H ₂ O	HIPs, BTEX, CI ⁻
2	MW-3	4/25/25			
3	MW-8-37	4/25/25			
4	MW-8-70	4/25/25			
5	MW-14A	4/25/25			
6	MW-14B	4/25/25			HIPs, BTEX
7	MW-14C	4/25/25			HIPs, BTEX, CI ⁻
8	MW-14d	4/24/25			
9	MW-15A				
10	MW-15d				
11	MW-16A				
12	MW-16C				
13	MW-17-70	4/25/25			
14	MW-17-83	4/24/25			
15	MW-18-70				

BILL TO: OMPC	TempRec: ☐ Y ☐ N On Ice? ☒ Y ☐ N 45°C	REPORT TO: Dan Bartlett dbartlett@otraverseanalytical.com
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RELEASED BY Andrew Puffpatt	DATE/TIME 4/25/25 2:10	RECEIVED BY Alper	DATE/TIME 4/25/25 2:10
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REQUESTED TAT ☒ STANDARD ☐ 1 BUSINESS DAY ☐ 2 BUSINESS DAYS ☐ 3 BUSINESS DAYS

CHAIN OF CUSTODY

PROJECT NUMBER 20-120	SITE NAME/ADDRESS Cold Springs 29a	COMPANY/NAME Lambda
SAMPLED BY Andrew Puttapa	COMPANY OMPC	GTA PROJECT # 042525-13

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
16	MW-19-35	4/24/25		H ₂ O	HIPs, BTEX, CI-
17	MW-19-55	↓		↓	↓
18	MW-20-55	↓		↓	↓
19	MW-20-69	↓		↓	↓
20	MW-26	4/25/25		↓	↓
21	MW-27	4/25/25		↓	↓
22	EW-2	4/24/25		↓	↓
23	EW-5	↓		↓	↓

BILL TO: OMPC	TempRec: ☐ Y ☒ N 4.5°C	On Ice? ☐ Y ☒ N	REPORT TO: Dan Barton dbarton@ottawellmanlab.com
RELEASED BY Andrew Puttapa	DATE/TIME 4/25/25 2:00	RECEIVED BY A. Alpus	DATE/TIME 4/25/25 2:00
REQUESTED TAT ☒ STANDARD ☐ 1 BUSINESS DAY ☐ 2 BUSINESS DAYS ☐ 3 BUSINESS DAYS			