

**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: 20-128

GTA ProjNo: 021725-5

Site Addr: GERALDINE

Sampled By: ANDREW PUFFPAFF/OMPC

Date Rec: 2/17/2025

Time Rec: 1:35 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-2	2/12/2025		WATER
2	MW-3	2/12/2025		WATER
3	MW-6	2/12/2025		WATER
4	MW-10	2/12/2025		WATER
5	MW-11	2/12/2025		WATER
6	MW-21	2/12/2025		WATER
7	MW-22	2/12/2025		WATER
8	MW-25	2/12/2025		WATER
9	MW-34	2/12/2025		WATER
10	MW-37	2/12/2025		WATER
11	MW-38	2/12/2025		WATER
12	MW-39	2/12/2025		WATER
13	MW-40	2/12/2025		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
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Traverse City, MI 49686
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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 20-128
LOCATION: GERALDINE
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-2

GTA PROJECT NO: 021725-5
GTA SAMPLE NO: 1
DATE SAMPLED: 2/12/2025
TIME SAMPLED:
DATE RECEIVED: 2/17/2025
TIME RECEIVED: 1:35 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		2/19/2025	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: 20-128
LOCATION: GERALDINE
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-3

GTA PROJECT NO: 021725-5
GTA SAMPLE NO: 2
DATE SAMPLED: 2/12/2025
TIME SAMPLED:
DATE RECEIVED: 2/17/2025
TIME RECEIVED: 1:35 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		2/19/2025	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: 20-128
LOCATION: GERALDINE
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-6

GTA PROJECT NO: 021725-5
GTA SAMPLE NO: 3
DATE SAMPLED: 2/12/2025
TIME SAMPLED:
DATE RECEIVED: 2/17/2025
TIME RECEIVED: 1:35 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		2/19/2025	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

COMPANY:	LAMBDA ENERGY RESOURCES, LLC	GTA PROJECT NO:	021725-5
PROJECT NO:	20-128	GTA SAMPLE NO:	4
LOCATION:	GERALDINE	DATE SAMPLED:	2/12/2025
		TIME SAMPLED:	
	MI	DATE RECEIVED:	2/17/2025
		TIME RECEIVED:	1:35 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-10	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</u> <u>Extracted</u>	<u>Date</u> <u>Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		2/19/2025	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	2.5	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

COMPANY:	LAMBDA ENERGY RESOURCES, LLC	GTA PROJECT NO:	021725-5
PROJECT NO:	20-128	GTA SAMPLE NO:	5
LOCATION:	GERALDINE	DATE SAMPLED:	2/12/2025
		TIME SAMPLED:	
	MI	DATE RECEIVED:	2/17/2025
		TIME RECEIVED:	1:35 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-11	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		2/19/2025	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	GTA PROJECT NO:	021725-5
PROJECT NO:	20-128	GTA SAMPLE NO:	6
LOCATION:	GERALDINE	DATE SAMPLED:	2/12/2025
		TIME SAMPLED:	
		DATE RECEIVED:	2/17/2025
	MI	TIME RECEIVED:	1:35 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-21	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</u> <u>Extracted</u>	<u>Date</u> <u>Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		2/19/2025	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

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COMPANY:	LAMBDA ENERGY RESOURCES, LLC	GTA PROJECT NO:	021725-5
PROJECT NO:	20-128	GTA SAMPLE NO:	7
LOCATION:	GERALDINE	DATE SAMPLED:	2/12/2025
		TIME SAMPLED:	
		DATE RECEIVED:	2/17/2025
	MI	TIME RECEIVED:	1:35 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-22	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</u> <u>Extracted</u>	<u>Date</u> <u>Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		2/19/2025	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	GTA PROJECT NO:	021725-5
PROJECT NO:	20-128	GTA SAMPLE NO:	8
LOCATION:	GERALDINE	DATE SAMPLED:	2/12/2025
		TIME SAMPLED:	
		DATE RECEIVED:	2/17/2025
	MI	TIME RECEIVED:	1:35 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-25	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</u> <u>Extracted</u>	<u>Date</u> <u>Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		2/19/2025	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

COMPANY:	LAMBDA ENERGY RESOURCES, LLC	GTA PROJECT NO:	021725-5
PROJECT NO:	20-128	GTA SAMPLE NO:	9
LOCATION:	GERALDINE	DATE SAMPLED:	2/12/2025
		TIME SAMPLED:	
	MI	DATE RECEIVED:	2/17/2025
		TIME RECEIVED:	1:35 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-34	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		2/19/2025	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

COMPANY:	LAMBDA ENERGY RESOURCES, LLC	GTA PROJECT NO:	021725-5
PROJECT NO:	20-128	GTA SAMPLE NO:	10
LOCATION:	GERALDINE	DATE SAMPLED:	2/12/2025
		TIME SAMPLED:	
	MI	DATE RECEIVED:	2/17/2025
		TIME RECEIVED:	1:35 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-37	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		2/19/2025	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	GTA PROJECT NO:	021725-5
PROJECT NO:	20-128	GTA SAMPLE NO:	11
LOCATION:	GERALDINE	DATE SAMPLED:	2/12/2025
		TIME SAMPLED:	
		DATE RECEIVED:	2/17/2025
	MI	TIME RECEIVED:	1:35 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-38	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</u> <u>Extracted</u>	<u>Date</u> <u>Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		2/19/2025	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	GTA PROJECT NO:	021725-5
PROJECT NO:	20-128	GTA SAMPLE NO:	12
LOCATION:	GERALDINE	DATE SAMPLED:	2/12/2025
		TIME SAMPLED:	
		DATE RECEIVED:	2/17/2025
	MI	TIME RECEIVED:	1:35 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-39	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</u> <u>Extracted</u>	<u>Date</u> <u>Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		2/19/2025	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

COMPANY:	LAMBDA ENERGY RESOURCES, LLC	GTA PROJECT NO:	021725-5
PROJECT NO:	20-128	GTA SAMPLE NO:	13
LOCATION:	GERALDINE	DATE SAMPLED:	2/12/2025
		TIME SAMPLED:	
	MI	DATE RECEIVED:	2/17/2025
		TIME RECEIVED:	1:35 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-40	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		2/19/2025	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: 20-128

LOCATION: GERALDINE

GTA PROJECT NO: 021725-5

GTA SAMPLE NO: 1

DATE SAMPLED: 2/12/2025

TIME SAMPLED:

DATE RECEIVED: 2/17/2025

TIME RECEIVED: 1:35 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-2							
CHLORIDE EPA 300.0		ND	10	mg/L (PPM)	KC	2/21/2025	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: 20-128
LOCATION: GERALDINE
MI
SAMPLED BY: ANDREW PUFFPAFF/OMPC

GTA PROJECT NO: 021725-5
GTA SAMPLE NO: 2
DATE SAMPLED: 2/12/2025
TIME SAMPLED:
DATE RECEIVED: 2/17/2025
TIME RECEIVED: 1:35 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-3							
CHLORIDE EPA 300.0		ND	10	mg/L (PPM)	KC	2/21/2025	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: 20-128
LOCATION: GERALDINE
MI
SAMPLED BY: ANDREW PUFFPAFF/OMPC

GTA PROJECT NO: 021725-5
GTA SAMPLE NO: 3
DATE SAMPLED: 2/12/2025
TIME SAMPLED:
DATE RECEIVED: 2/17/2025
TIME RECEIVED: 1:35 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-6							
CHLORIDE EPA 300.0		20	10	mg/L (PPM)	KC	2/21/2025	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: 20-128
LOCATION: GERALDINE
MI
SAMPLED BY: ANDREW PUFFPAFF/OMPC

GTA PROJECT NO: 021725-5
GTA SAMPLE NO: 4
DATE SAMPLED: 2/12/2025
TIME SAMPLED:
DATE RECEIVED: 2/17/2025
TIME RECEIVED: 1:35 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							
CHLORIDE EPA 300.0		ND	10	mg/L (PPM)	KC	2/21/2025	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: 20-128
LOCATION: GERALDINE
MI
SAMPLED BY: ANDREW PUFFPAFF/OMPC

GTA PROJECT NO: 021725-5
GTA SAMPLE NO: 5
DATE SAMPLED: 2/12/2025
TIME SAMPLED:
DATE RECEIVED: 2/17/2025
TIME RECEIVED: 1:35 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-11							
CHLORIDE EPA 300.0		15	10	mg/L (PPM)	KC	2/21/2025	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: 20-128
LOCATION: GERALDINE
MI
SAMPLED BY: ANDREW PUFFPAFF/OMPC

GTA PROJECT NO: 021725-5
GTA SAMPLE NO: 6
DATE SAMPLED: 2/12/2025
TIME SAMPLED:
DATE RECEIVED: 2/17/2025
TIME RECEIVED: 1:35 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-21							
CHLORIDE EPA 300.0		ND	10	mg/L (PPM)	KC	2/21/2025	WATER

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INDEPENDENT TESTING LAB

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 20-128
LOCATION: GERALDINE
MI
SAMPLED BY: ANDREW PUFFPAFF/OMPC

GTA PROJECT NO: 021725-5
GTA SAMPLE NO: 7
DATE SAMPLED: 2/12/2025
TIME SAMPLED:
DATE RECEIVED: 2/17/2025
TIME RECEIVED: 1:35 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-22							
CHLORIDE EPA 300.0		ND	10	mg/L (PPM)	KC	2/21/2025	WATER

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 20-128
LOCATION: GERALDINE
MI
SAMPLED BY: ANDREW PUFFPAFF/OMPC

GTA PROJECT NO: 021725-5
GTA SAMPLE NO: 8
DATE SAMPLED: 2/12/2025
TIME SAMPLED:
DATE RECEIVED: 2/17/2025
TIME RECEIVED: 1:35 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-25							
CHLORIDE EPA 300.0		ND	10	mg/L (PPM)	KC	2/21/2025	WATER

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COMPANY: LAMBDA ENERGY RESOURCES, LLC

PROJECT NO: 20-128

LOCATION: GERALDINE

GTA PROJECT NO: 021725-5

GTA SAMPLE NO: 9

DATE SAMPLED: 2/12/2025

TIME SAMPLED:

DATE RECEIVED: 2/17/2025

TIME RECEIVED: 1:35 PM

MI

SAMPLED BY: ANDREW PUFFPAFF/OMPC

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-34

CHLORIDE EPA 300.0

Concentration

ND

LOD

10

Units

mg/L (PPM)

Analyst

KC

Date Completed

2/21/2025

Sample Matrix

WATER

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LOD = LIMIT OF DETECTION

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

COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 20-128
LOCATION: GERALDINE
MI
SAMPLED BY: ANDREW PUFFPAFF/OMPC

GTA PROJECT NO: 021725-5
GTA SAMPLE NO: 10
DATE SAMPLED: 2/12/2025
TIME SAMPLED:
DATE RECEIVED: 2/17/2025
TIME RECEIVED: 1:35 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-37							
CHLORIDE EPA 300.0		ND	10	mg/L (PPM)	KC	2/21/2025	WATER

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 20-128
LOCATION: GERALDINE
MI
SAMPLED BY: ANDREW PUFFPAFF/OMPC

GTA PROJECT NO: 021725-5
GTA SAMPLE NO: 11
DATE SAMPLED: 2/12/2025
TIME SAMPLED:
DATE RECEIVED: 2/17/2025
TIME RECEIVED: 1:35 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-38							
CHLORIDE EPA 300.0		ND	10	mg/L (PPM)	KC	2/21/2025	WATER

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 20-128
LOCATION: GERALDINE
MI
SAMPLED BY: ANDREW PUFFPAFF/OMPC

GTA PROJECT NO: 021725-5
GTA SAMPLE NO: 12
DATE SAMPLED: 2/12/2025
TIME SAMPLED:
DATE RECEIVED: 2/17/2025
TIME RECEIVED: 1:35 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-39							
CHLORIDE EPA 300.0		ND	10	mg/L (PPM)	KC	2/21/2025	WATER

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

COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 20-128
LOCATION: GERALDINE
MI
SAMPLED BY: ANDREW PUFFPAFF/OMPC

GTA PROJECT NO: 021725-5
GTA SAMPLE NO: 13
DATE SAMPLED: 2/12/2025
TIME SAMPLED:
DATE RECEIVED: 2/17/2025
TIME RECEIVED: 1:35 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-40							
CHLORIDE EPA 300.0		ND	10	mg/L (PPM)	KC	2/21/2025	WATER

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CHAIN OF CUSTODY

PROJECT NUMBER 20-128	SITE NAME/ADDRESS Orvaldine	COMPANY/NAME Lambda
SAMPLED BY Andrew Putt	COMPANY OMPC	GTA PROJECT # 021725-5

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	MW-2	2/12/25		H ₂ O	HIPs, Chlorides
2	MW-3				
3	MW-6				
4	MW-10				
5	MW-11				
6	MW-21				
7	MW-22				
8	MW-25				
9	MW-34				
10	MW-37				
11	MW-38				
12	MW-39				
13	MW-40				

BILL TO: OMPC	TempRec: ☐ On Ice? ☒ -6.3°	REPORT TO: Dan Barton dbarton@stweamwby.com
RELEASED BY Andrew Putt	DATE/TIME 2/17/25	RECEIVED BY Trevor Ruhl
		DATE/TIME 2-17-25 1:35p
REQUESTED TAT ☒ STANDARD ☐ 1 BUSINESS DAY ☐ 2 BUSINESS DAYS ☐ 3 BUSINESS DAYS		