



**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

[www.gtanalytical.com](http://www.gtanalytical.com)

Company: LAMBDA ENERGY RESOURCES, LLC  
Name:  
ClientProj: 24.023  
GTA ProjNo: 073024-3

Site Addr: 02/18/24 AVERY SMITH LINE RELEASE

Sampled By: AS/AS - HURON  
Date Rec: 7/30/2024  
Time Rec: 11:50 AM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	TW-1	7/29/2024		WATER
2	TW-2	7/29/2024		WATER
3	TW-3	7/29/2024		WATER
4	TW-4	7/29/2024		WATER
5	TW-5	7/29/2024		WATER
6	TW-6	7/29/2024		WATER
7	TW-7	7/29/2024		WATER
8	TW-8	7/29/2024		WATER
9	TW-9	7/29/2024		WATER
10	SUMP	7/29/2024		WATER
11	MW-3/OW-1	7/29/2024		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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Fx: 231-929-0894  
SP: 231-590-0291  
[kirk@gtanalytical.com](mailto:kirk@gtanalytical.com)



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COMPANY: LAMBDA ENERGY RESOURCES, LLC  
PROJECT NO: 24.023  
LOCATION: 02/18/24 AVERY SMITH LINE RELEASE

GTA PROJECT NO: 073024-3  
GTA SAMPLE NO: 1

DATE SAMPLED: 7/29/2024  
TIME SAMPLED:  
DATE RECEIVED: 7/30/2024  
TIME RECEIVED: 11:50 AM

MI  
SAMPLED BY: AS/AS - HURON

**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: TW-1 CHLORIDE EPA 300.0	270	10	mg/L (PPM)	KC/TR	8/6/2024	WATER

ND = NOT DETECTED, RESULT < LOD  
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PROJECT NO: 24.023  
LOCATION: 02/18/24 AVERY SMITH LINE RELEASE

GTA PROJECT NO: 073024-3  
GTA SAMPLE NO: 2  
DATE SAMPLED: 7/29/2024  
TIME SAMPLED:  
DATE RECEIVED: 7/30/2024  
TIME RECEIVED: 11:50 AM

MI  
SAMPLED BY: AS/AS - HURON

**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: TW-2 CHLORIDE EPA 300.0	120	10	mg/L (PPM)	KC/TR	8/6/2024	WATER

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COMPANY: LAMBDA ENERGY RESOURCES, LLC      GTA PROJECT NO: 073024-3  
PROJECT NO: 24.023      GTA SAMPLE NO: 3  
LOCATION: 02/18/24 AVERY SMITH LINE RELEASE      DATE SAMPLED: 7/29/2024  
TIME SAMPLED:  
DATE RECEIVED: 7/30/2024  
TIME RECEIVED: 11:50 AM

MI  
SAMPLED BY: AS/AS - HURON

**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: TW-3 CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	KC/TR	8/6/2024	WATER

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COMPANY: LAMBDA ENERGY RESOURCES, LLC  
PROJECT NO: 24.023  
LOCATION: 02/18/24 AVERY SMITH LINE RELEASE

GTA PROJECT NO: 073024-3  
GTA SAMPLE NO: 4  
DATE SAMPLED: 7/29/2024  
TIME SAMPLED:  
DATE RECEIVED: 7/30/2024  
TIME RECEIVED: 11:50 AM

MI  
SAMPLED BY: AS/AS - HURON

**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: TW-4 CHLORIDE EPA 300.0	1,000	50	mg/L (PPM)	KC/TR	8/6/2024	WATER

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COMPANY: LAMBDA ENERGY RESOURCES, LLC  
 PROJECT NO: 24.023  
 LOCATION: 02/18/24 AVERY SMITH LINE RELEASE  
 MI  
 SAMPLED BY: AS/AS - HURON

GTA PROJECT NO: 073024-3  
 GTA SAMPLE NO: 6  
 DATE SAMPLED: 7/29/2024  
 TIME SAMPLED:  
 DATE RECEIVED: 7/30/2024  
 TIME RECEIVED: 11:50 AM

**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: TW-6 CHLORIDE EPA 300.0	110	10	mg/L (PPM)	KC/TR	8/6/2024	WATER

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COMPANY: LAMBDA ENERGY RESOURCES, LLC  
 PROJECT NO: 24.023  
 LOCATION: 02/18/24 AVERY SMITH LINE RELEASE  
 MI  
 SAMPLED BY: AS/AS - HURON

GTA PROJECT NO: 073024-3  
 GTA SAMPLE NO: 9  
 DATE SAMPLED: 7/29/2024  
 TIME SAMPLED:  
 DATE RECEIVED: 7/30/2024  
 TIME RECEIVED: 11:50 AM

**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: TW-9 CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	KC/TR	8/6/2024	WATER

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 PROJECT NO: 24.023  
 LOCATION: 02/18/24 AVERY SMITH LINE RELEASE

GTA PROJECT NO: 073024-3  
 GTA SAMPLE NO: 10  
 DATE SAMPLED: 7/29/2024  
 TIME SAMPLED:  
 DATE RECEIVED: 7/30/2024  
 TIME RECEIVED: 11:50 AM

MI  
 SAMPLED BY: AS/AS - HURON

**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:	SUMP	120	10	mg/L (PPM)	KC	8/8/2024	WATER
	CHLORIDE EPA 300.0						

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PROJECT NO: 24.023  
LOCATION: 02/18/24 AVERY SMITH LINE RELEASE

GTA PROJECT NO: 073024-3  
GTA SAMPLE NO: 11  
DATE SAMPLED: 7/29/2024  
TIME SAMPLED:  
DATE RECEIVED: 7/30/2024  
TIME RECEIVED: 11:50 AM

MI  
SAMPLED BY: AS/AS - HURON

**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/OW-1 CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	KC/TR	8/6/2024	WATER

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Groundwater Monitoring

### CHAIN OF CUSTODY

PROJECT NUMBER 24.023	SITE NAME/ADDRESS 02/18/24 Avery Smith Line Release	COMPANY/NAME Lambda Energy Resources, LLC
SAMPLED BY Alex Struble, Abigail Shaver Huron Engineering and Surveying, Inc.		COMPANY GTA PROJECT # 073024-3

### SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS	Field Conductivity mS/cm
1	TW1	7/29/24		Water	Chloride	1.5
2	TW2	↓	↓	↓	↓	1.1
3	TW3					0.52
4	TW4					4.0
5	TW5					5.1
6	TW6					0.71
7	TW7					1.9
8	TW8					1.6
9	TW9					0.47
10	Sump					0.56
11	MW3 / OW1					0.54

BILL TO: Lambda, Nick Summerland	TempRec: <input type="checkbox"/> N/A	On Ice? <input type="checkbox"/> Y <input type="checkbox"/> N N/A	REPORT TO: Kim Wallis-Burke kim.wallis-burke@huronesi.com
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RELEASED BY <i>[Signature]</i>	DATE/TIME 7/29/24 1440	RECEIVED BY Alpena UPS <i>[Signature]</i>	DATE/TIME 7/29/24 7/30/24 1150
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REQUESTED TAT  STANDARD  1 BUSINESS DAY  2 BUSINESS DAYS  3 BUSINESS DAYS