



**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

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

Company: LAMBDA ENERGY RESOURCES, LLC  
Name:  
ClientProj: 20.064  
GTA ProjNo: 041125-5

Site Addr: CASE 33 CPF

Sampled By: KWB/AS/NM - HURON  
Date Rec: 4/11/2025  
Time Rec: 11:30 AM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-3D (115-120')	4/10/2025		WATER
2	MW-5 (89-99')	3/28/2025		WATER
3	MW-7D (122-127')	3/28/2025		WATER
4	MW-10 (114-119')	3/28/2025		WATER
5	MW-11D (133-138')	4/10/2025		WATER
6	MW-12D (152-157')	4/10/2025		WATER
7	MW-13D (121-126')	3/28/2025		WATER
8	MW-14D (176-181')	3/28/2025		WATER
9	MW-15D (172-177')	3/28/2025		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  
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[kirk@gtanalytical.com](mailto:kirk@gtanalytical.com)

COMPANY: LAMBDA ENERGY RESOURCES, LLC      GTA PROJECT NO: 041125-5  
PROJECT NO: 20.064      GTA SAMPLE NO: 1  
LOCATION: CASE 33 CPF      DATE SAMPLED: 4/10/2025  
TIME SAMPLED:  
DATE RECEIVED: 4/11/2025  
TIME RECEIVED: 11:30 AM

MI  
SAMPLED BY: KWB/AS/NM - 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-3D (115-120') CHLORIDE EPA 300.0	540	20	mg/L (PPM)	KC/TR	4/20/2025	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: 041125-5  
PROJECT NO: 20.064      GTA SAMPLE NO: 5  
LOCATION: CASE 33 CPF      DATE SAMPLED: 4/10/2025  
TIME SAMPLED:  
DATE RECEIVED: 4/11/2025  
TIME RECEIVED: 11:30 AM

MI  
SAMPLED BY: KWB/AS/NM - 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-11D (133-138*) CHLORIDE EPA 300.0	550	20	mg/L (PPM)	KC/TR	4/20/2025	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: 041125-5  
PROJECT NO: 20.064      GTA SAMPLE NO: 8  
LOCATION: CASE 33 CPF      DATE SAMPLED: 3/28/2025  
TIME SAMPLED:  
DATE RECEIVED: 4/11/2025  
TIME RECEIVED: 11:30 AM

MI  
SAMPLED BY: KWB/AS/NM - 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-14D (176-181') CHLORIDE EPA 300.0	13	10	mg/L (PPM)	KC/TR	4/20/2025	WATER

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



*Semi-Annual Groundwater Monitoring*  
**CHAIN OF CUSTODY**

PROJECT NUMBER (Huron) 20.064	SITE NAME/ADDRESS/LOCATION Case 33 CPF	COMPANY/NAME Lambda Energy Resources, LLC
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SAMPLED BY Kim Wallis-Burke (4/10/25) <i>Alex Struble (3/28/25 + 4/10/25)</i> <i>Nick Muller (3/28/25)</i>	COMPANY Huron Engineering & Surveying, Inc.	GTA PROJECT # 041125-5
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#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS	FC ms/cm
1	MW3D (115-120)	4/10/25		GW	Chloride	2.0
2	MW5 (89-99)	3/28/25				0.70
3	MW7D (122-127)	3/28/25				0.77
4	MW10 (114-119)	3/28/25				0.60
5	MW11D (133-138)	4/10/25				2.1
6	MW12D (152-157)	4/10/25				7.3
7	MW13D (121-126)	3/28/25				0.69
8	MW14D (176-181)	3/28/25				0.61
9	MW15D (172-177)	3/28/25				0.60

**BILL TO:** Lambda Energy Resources, Nick Summerland (nsummerland@lambdaenergyllc.com)  
**REPORT TO:** Huron Engineering & Surveying, Kim Wallis-Burke (kim.wallis-burke@huronesi.com)

<b>RELEASED BY</b> <i>Kimberly Wallis-Burke</i>	<b>DATE/TIME</b>	<b>RECEIVED BY</b> UPS Alpena <i>Alpena</i>	<b>DATE/TIME</b> 4/10/25 pm 4/11/25 11:30
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**REQUESTED TAT**  STANDARD  1 BUSINESS DAY  2 BUSINESS DAYS  3 BUSINESS DAYS