



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 Site Addr: 05/04/25 W CLINTON TWP - E TRUNK LINE-WATER RELEASE
Name:
ClientProj: 25.035
GTA ProjNo: 052125-13 Sampled By: KWB/HURON
Date Rec: 5/21/2025
Time Rec: 12:00 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	SS-7 NE SW 9' E @ 5' N @ 3' BG	5/8/2025		SOIL
2	SS-8 NE SW 9' E @ 5' N @ 5' BG	5/8/2025		SOIL
3	SS-9 N SW 6.5' NV @ 3' BG	5/8/2025		SOIL
4	SS-10 N SW 6.5' NV @ 5' BG	5/8/2025		SOIL
5	SS-11 NW SW 8' WV & 3.5' N @ 2.5' BG	5/8/2025		SOIL
6	SS-12 NW SW 8' WV & 3.5' N @ 5' BG	5/8/2025		SOIL
7	SS-13 SE SW 9' E & 6' S @ 3' BG	5/8/2025		SOIL
8	SS-14 SE SW 9' E & 6' S @ 5' BG	5/8/2025		SOIL
9	SS-15 S SW 7.5' SV @ 3' BG	5/8/2025		SOIL
10	SS-16 S SW 7.5' SV @ 5' BG	5/8/2025		SOIL
11	SS-17 SW SW 6' W & 7' S @ 2.5' BG	5/8/2025		SOIL
12	SS-18 SW SW 6' W & 7' S @ 5' BG	5/8/2025		SOIL
13	SS-19 12.5' E V @ 2' BFL	5/8/2025		SOIL
14	SS-20 8' W V @ 1.5' BFL	5/8/2025		SOIL
15	SS-36 1.5' S V @ 14' BFL	5/9/2025		SOIL
16	SS-38 12' E VALVE BETWEEN LINES @ 5' BFL	5/16/2025		SOIL
17	SS-39 12' E VALVE BETWEEN LINES @ 10' BFL	5/16/2025		SOIL
18	SS-40 12' E VALVE BETWEEN LINES @ 15' BFL	5/16/2025		SOIL
19	SS-41 9' W VALVE S SIDE GAS @ 5' BFL	5/16/2025		SOIL
20	SS-42 9' W VALVE S SIDE GAS @ 10' BFL	5/16/2025		SOIL
21	SS-43 9' W VALVE S SIDE GAS @ 15' BFL	5/16/2025		SOIL
22	SS-44 4' W VALVE BETWEEN LINES @ 7' BFL	5/16/2025		SOIL
23	RECOVERED PRODUCED WATER	5/5/2025		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
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SP: 231-590-0291
kirk@gtanalytical.com

COMPANY: LAMBDA ENERGY RESOURCES, LLC GTA PROJECT NO: 052125-13
PROJECT NO: 25.035 GTA SAMPLE NO: 2
LOCATION: W CLINTON TWP - E TRUNK LINE-WATER DATE SAMPLED: 5/8/2025
RELEASE TIME SAMPLED:
DATE RECEIVED: 5/21/2025
TIME RECEIVED: 12:00 PM
MI
SAMPLED BY: KWB/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: SS-8 NE SW 9' E @ 5' N @ 5' BG CHLORIDE EPA 300.0	ND	110	mg/Kg (PPM)	KC/AA	5/29/2025	SOIL

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: 052125-13
PROJECT NO: 25.035 GTA SAMPLE NO: 3
LOCATION: W CLINTON TWP - E TRUNK LINE-WATER DATE SAMPLED: 5/8/2025
RELEASE TIME SAMPLED:
DATE RECEIVED: 5/21/2025
TIME RECEIVED: 12:00 PM
MI
SAMPLED BY: KWB/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: SS-9 N SW 6.5' NV @ 3' BG CHLORIDE EPA 300.0	ND	110	mg/Kg (PPM)	KC/AA	5/29/2025	SOIL

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:	052125-13
PROJECT NO:	25.035	GTA SAMPLE NO:	4
LOCATION:	W CLINTON TWP - E TRUNK LINE-WATER RELEASE	DATE SAMPLED:	5/8/2025
		TIME SAMPLED:	
		DATE RECEIVED:	5/21/2025
		TIME RECEIVED:	12:00 PM
	MI		
SAMPLED BY:	KWB/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: SS-10 N SW 6.5' NV @ 5' BG CHLORIDE EPA 300.0	ND	110	mg/Kg (PPM)	KC/AA	5/29/2025	SOIL

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: 052125-13
PROJECT NO: 25.035 GTA SAMPLE NO: 5
LOCATION: W CLINTON TWP - E TRUNK LINE-WATER DATE SAMPLED: 5/8/2025
RELEASE TIME SAMPLED:
DATE RECEIVED: 5/21/2025
TIME RECEIVED: 12:00 PM
MI
SAMPLED BY: KWB/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: SS-11 NW SW 8' WV & 3.5'N @ 2.5'BG CHLORIDE EPA 300.0	ND	100	mg/Kg (PPM)	KC/AA	5/29/2025	SOIL

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: 052125-13
PROJECT NO: 25.035 GTA SAMPLE NO: 6
LOCATION: W CLINTON TWP - E TRUNK LINE-WATER DATE SAMPLED: 5/8/2025
RELEASE TIME SAMPLED:
DATE RECEIVED: 5/21/2025
TIME RECEIVED: 12:00 PM
MI
SAMPLED BY: KWB/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: SS-12 NW SW 8' WV & 3.5'N @ 5'BG CHLORIDE EPA 300.0	ND	110	mg/Kg (PPM)	KC/AA	5/29/2025	SOIL

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: 052125-13
PROJECT NO: 25.035 GTA SAMPLE NO: 7
LOCATION: W CLINTON TWP - E TRUNK LINE-WATER DATE SAMPLED: 5/8/2025
RELEASE TIME SAMPLED:
DATE RECEIVED: 5/21/2025
TIME RECEIVED: 12:00 PM
MI
SAMPLED BY: KWB/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: SS-13 SE SW 9' E & 6' S @ 3'BG CHLORIDE EPA 300.0	ND	100	mg/Kg (PPM)	KC/AA	5/29/2025	SOIL

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

COMPANY: LAMBDA ENERGY RESOURCES, LLC GTA PROJECT NO: 052125-13
PROJECT NO: 25.035 GTA SAMPLE NO: 8
LOCATION: W CLINTON TWP - E TRUNK LINE-WATER DATE SAMPLED: 5/8/2025
RELEASE TIME SAMPLED:
DATE RECEIVED: 5/21/2025
TIME RECEIVED: 12:00 PM
MI
SAMPLED BY: KWB/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: SS-14 SE SW 9' E & 6' S @ 5' BG						
	CHLORIDE EPA 300.0	130	110	mg/Kg (PPM)	KC/AA	5/29/2025	SOIL

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: 052125-13
PROJECT NO: 25.035 GTA SAMPLE NO: 9
LOCATION: W CLINTON TWP - E TRUNK LINE-WATER DATE SAMPLED: 5/8/2025
RELEASE TIME SAMPLED:
DATE RECEIVED: 5/21/2025
TIME RECEIVED: 12:00 PM
MI
SAMPLED BY: KWB/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: SS-15 S SW 7.5' SV @ 3' BG CHLORIDE EPA 300.0	ND	110	mg/Kg (PPM)	KC/AA	5/29/2025	SOIL

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: 052125-13
PROJECT NO: 25.035 GTA SAMPLE NO: 11
LOCATION: W CLINTON TWP - E TRUNK LINE-WATER DATE SAMPLED: 5/8/2025
RELEASE TIME SAMPLED:
DATE RECEIVED: 5/21/2025
TIME RECEIVED: 12:00 PM
MI
SAMPLED BY: KWB/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: SS-17 SW SW 6' W & 7' S @ 2.5' BG CHLORIDE EPA 300.0	ND	100	mg/Kg (PPM)	KC/AA	5/29/2025	SOIL

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

COMPANY: LAMBDA ENERGY RESOURCES, LLC GTA PROJECT NO: 052125-13
PROJECT NO: 25.035 GTA SAMPLE NO: 12
LOCATION: W CLINTON TWP - E TRUNK LINE-WATER DATE SAMPLED: 5/8/2025
RELEASE TIME SAMPLED:
DATE RECEIVED: 5/21/2025
TIME RECEIVED: 12:00 PM
MI
SAMPLED BY: KWB/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: SS-18 SW SW 6' W & 7' S @ 5' BG						
	CHLORIDE EPA 300.0	490	100	mg/Kg (PPM)	KC/AA	5/29/2025	SOIL

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: 052125-13
PROJECT NO: 25.035 GTA SAMPLE NO: 13
LOCATION: W CLINTON TWP - E TRUNK LINE-WATER DATE SAMPLED: 5/8/2025
RELEASE TIME SAMPLED:
DATE RECEIVED: 5/21/2025
TIME RECEIVED: 12:00 PM
MI
SAMPLED BY: KWB/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: SS-19 12.5' E V @ 2' BFL CHLORIDE EPA 300.0	3,300	110	mg/Kg (PPM)	KC/AA	5/29/2025	SOIL

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COMPANY: LAMBDA ENERGY RESOURCES, LLC GTA PROJECT NO: 052125-13
PROJECT NO: 25.035 GTA SAMPLE NO: 14
LOCATION: W CLINTON TWP - E TRUNK LINE-WATER DATE SAMPLED: 5/8/2025
RELEASE TIME SAMPLED:
DATE RECEIVED: 5/21/2025
TIME RECEIVED: 12:00 PM
MI
SAMPLED BY: KWB/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: SS-20 8' W V @ 1.5' BFL CHLORIDE EPA 300.0	ND	110	mg/Kg (PPM)	KC/AA	5/29/2025	SOIL

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: 052125-13
PROJECT NO: 25.035 GTA SAMPLE NO: 15
LOCATION: W CLINTON TWP - E TRUNK LINE-WATER DATE SAMPLED: 5/9/2025
RELEASE TIME SAMPLED:
DATE RECEIVED: 5/21/2025
TIME RECEIVED: 12:00 PM
MI
SAMPLED BY: KWB/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: SS-36 1.5' S V @ 14' BFL CHLORIDE EPA 300.0	3,900	100	mg/Kg (PPM)	KC/AA	5/29/2025	SOIL

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: 052125-13
PROJECT NO: 25.035 GTA SAMPLE NO: 16
LOCATION: W CLINTON TWP - E TRUNK LINE-WATER DATE SAMPLED: 5/16/2025
RELEASE TIME SAMPLED:
DATE RECEIVED: 5/21/2025
TIME RECEIVED: 12:00 PM
MI
SAMPLED BY: KWB/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: SS-38 12' E VALVE BETWEEN LINES @ 5' BFL						
	CHLORIDE EPA 300.0	3,600	110	mg/Kg (PPM)	KC/AA	5/29/2025	SOIL

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COMPANY:	LAMBDA ENERGY RESOURCES, LLC	GTA PROJECT NO:	052125-13
PROJECT NO:	25.035	GTA SAMPLE NO:	17
LOCATION:	W CLINTON TWP - E TRUNK LINE-WATER RELEASE	DATE SAMPLED:	5/16/2025
		TIME SAMPLED:	
		DATE RECEIVED:	5/21/2025
		TIME RECEIVED:	12:00 PM
	MI		
SAMPLED BY:	KWB/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: SS-39 12' E VALVE BETWEEN LINES @ 10' BFL						
	CHLORIDE EPA 300.0	4,600	100	mg/Kg (PPM)	KC/AA	5/29/2025	SOIL

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 LOD = LIMIT OF DETECTION
 s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: LAMBDA ENERGY RESOURCES, LLC GTA PROJECT NO: 052125-13
PROJECT NO: 25.035 GTA SAMPLE NO: 18
LOCATION: W CLINTON TWP - E TRUNK LINE-WATER DATE SAMPLED: 5/16/2025
RELEASE TIME SAMPLED:
DATE RECEIVED: 5/21/2025
TIME RECEIVED: 12:00 PM
MI
SAMPLED BY: KWB/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: SS-40 12' E VALVE BETWEEN LINES @ 15' BFL						
	CHLORIDE EPA 300.0	2,800	100	mg/Kg (PPM)	KC/AA	5/29/2025	SOIL

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: 052125-13
PROJECT NO: 25.035 GTA SAMPLE NO: 19
LOCATION: W CLINTON TWP - E TRUNK LINE-WATER DATE SAMPLED: 5/16/2025
RELEASE TIME SAMPLED:
DATE RECEIVED: 5/21/2025
TIME RECEIVED: 12:00 PM
MI
SAMPLED BY: KWB/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: SS-41 9' W VALVE S SIDE GAS @ 5' BFL CHLORIDE EPA 300.0	ND	110	mg/Kg (PPM)	KC/AA	5/29/2025	SOIL

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LOD = LIMIT OF DETECTION
s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: LAMBDA ENERGY RESOURCES, LLC GTA PROJECT NO: 052125-13
PROJECT NO: 25.035 GTA SAMPLE NO: 20
LOCATION: W CLINTON TWP - E TRUNK LINE-WATER DATE SAMPLED: 5/16/2025
RELEASE TIME SAMPLED:
DATE RECEIVED: 5/21/2025
TIME RECEIVED: 12:00 PM
MI
SAMPLED BY: KWB/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: SS-42 9' W VALVE S SIDE GAS @ 10' BFL CHLORIDE EPA 300.0	ND	100	mg/Kg (PPM)	KC/AA	5/29/2025	SOIL

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: 052125-13
PROJECT NO: 25.035 GTA SAMPLE NO: 21
LOCATION: W CLINTON TWP - E TRUNK LINE-WATER DATE SAMPLED: 5/16/2025
RELEASE TIME SAMPLED:
DATE RECEIVED: 5/21/2025
TIME RECEIVED: 12:00 PM
MI
SAMPLED BY: KWB/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: SS-43 9' W VALVE S SIDE GAS @ 15' BFL CHLORIDE EPA 300.0	ND	100	mg/Kg (PPM)	KC/AA	5/29/2025	SOIL

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

COMPANY: LAMBDA ENERGY RESOURCES, LLC GTA PROJECT NO: 052125-13
PROJECT NO: 25.035 GTA SAMPLE NO: 22
LOCATION: W CLINTON TWP - E TRUNK LINE-WATER DATE SAMPLED: 5/16/2025
RELEASE TIME SAMPLED:
DATE RECEIVED: 5/21/2025
TIME RECEIVED: 12:00 PM
MI
SAMPLED BY: KWB/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: SS-44 4' W VALVE BETWEEN LINES @ 7' BFL						
	CHLORIDE EPA 300.0	410	110	mg/Kg (PPM)	KC/AA	5/29/2025	SOIL

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INDEPENDENT TESTING LAB

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 25.035
LOCATION: 05/04/25 W CLINTON TWP - E TRUNK LINE-
WATER RELEASE
MI
SAMPLED BY: KWB/HURON

GTA PROJECT NO: 052125-13
GTA SAMPLE NO: 23
DATE SAMPLED: 5/5/2025
TIME SAMPLED:
DATE RECEIVED: 5/21/2025
TIME RECEIVED: 12:00 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: RECOVERED PRODUCED WATER							
	CHLORIDE EPA 300.0	160,000	4,000	mg/L (PPM)	KC/TR	5/29/2025	WATER
	CONDUCTIVITY SM2510-B	420,000	5.0	uS/cm@25C	KC	5/30/2025	WATER

ND = NOT DETECTED, RESULT < LOD
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s.u. = STANDARD pH UNITS REPORTED AT 25 C
DISS = DISSOLVED



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COMPANY: LAMBDA ENERGY RESOURCES, LLC

NAME:
PROJECT NO: 25.035

LOCATION: 05/04/25 W CLINTON TWP - E TRUNK LINE-
WATER RELEASE
MI

GTA PROJECT NO: 052125-
SAMPLED BY: KWB/HURON

DATE SAMPLED: 5/8/2025

SAMPLE MATRIX: SOIL

DATE RECEIVED: 5/21/2025
TIME RECEIVED: 12:00 PM

MOISTURE

<u>No:</u> <u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>
SAMPLE ID: SS-7 NE SW 9' E @ 5' N @ 3' BG % MOISTURE EPA 3550C	5.4	0.10	% OF SAMPLE	AA	5/21/2025
SAMPLE ID: SS-8 NE SW 9' E @ 5' N @ 5' BG % MOISTURE EPA 3550C	5.4	0.10	% OF SAMPLE	AA	5/21/2025
SAMPLE ID: SS-9 N SW 6.5' NV @ 3' BG % MOISTURE EPA 3550C	6.2	0.10	% OF SAMPLE	AA	5/21/2025
SAMPLE ID: SS-10 N SW 6.5' NV @ 5' BG % MOISTURE EPA 3550C	5.9	0.10	% OF SAMPLE	AA	5/21/2025
SAMPLE ID: SS-11 NW SW 8' WV & 3.5'N @ 2.5'BG % MOISTURE EPA 3550C	5.4	0.10	% OF SAMPLE	AA	5/21/2025
SAMPLE ID: SS-12 NW SW 8' WV & 3.5'N @ 5'BG % MOISTURE EPA 3550C	5.1	0.10	% OF SAMPLE	AA	5/21/2025
SAMPLE ID: SS-13 SE SW 9' E & 6' S @ 3'BG % MOISTURE EPA 3550C	7.2	0.10	% OF SAMPLE	AA	5/21/2025
SAMPLE ID: SS-14 SE SW 9' E & 6' S @ 5' BG % MOISTURE EPA 3550C	5.8	0.10	% OF SAMPLE	AA	5/21/2025
SAMPLE ID: SS-15 S SW 7.5' SV @ 3' BG % MOISTURE EPA 3550C	6.9	0.10	% OF SAMPLE	AA	5/21/2025
SAMPLE ID: SS-16 S SW 7.5' SV @ 5' BG % MOISTURE EPA 3550C	7.6	0.10	% OF SAMPLE	AA	5/21/2025
SAMPLE ID: SS-17 SW SW 6' W & 7' S @ 2.5' BG % MOISTURE EPA 3550C	7.2	0.10	% OF SAMPLE	AA	5/21/2025
SAMPLE ID: SS-18 SW SW 6' W & 7' S @ 5' BG % MOISTURE EPA 3550C	6.1	0.10	% OF SAMPLE	AA	5/21/2025
SAMPLE ID: SS-19 12.5' E V @ 2' BFL % MOISTURE EPA 3550C	2.8	0.10	% OF SAMPLE	AA	5/21/2025
SAMPLE ID: SS-20 8' W V @ 1.5' BFL % MOISTURE EPA 3550C	4.3	0.10	% OF SAMPLE	AA	5/21/2025



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:
PROJECT NO: 25.035

LOCATION: 05/04/25 W CLINTON TWP - E TRUNK LINE-
WATER RELEASE

MI

GTA PROJECT NO: 052125-
SAMPLED BY: KWB/HURON

DATE SAMPLED: 5/8/2025

SAMPLE MATRIX: SOIL

DATE RECEIVED: 5/21/2025
TIME RECEIVED: 12:00 PM

MOISTURE

<u>No:</u> <u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>
SAMPLE ID: SS-36 1.5' S V @ 14' BFL % MOISTURE EPA 3550C	3.4	0.10	% OF SAMPLE	AA	5/21/2025
SAMPLE ID: SS-38 12' E VALVE BETWEEN LINES @ 5' BFL % MOISTURE EPA 3550C	3.7	0.10	% OF SAMPLE	AA	5/21/2025
SAMPLE ID: SS-39 12' E VALVE BETWEEN LINES @ 10' BFL % MOISTURE EPA 3550C	3.6	0.10	% OF SAMPLE	AA	5/21/2025
SAMPLE ID: SS-40 12' E VALVE BETWEEN LINES @ 15' BFL % MOISTURE EPA 3550C	3.6	0.10	% OF SAMPLE	AA	5/21/2025
SAMPLE ID: SS-41 9' W VALVE S SIDE GAS @ 5' BFL % MOISTURE EPA 3550C	3.1	0.10	% OF SAMPLE	AA	5/21/2025
SAMPLE ID: SS-42 9' W VALVE S SIDE GAS @ 10' BFL % MOISTURE EPA 3550C	2.5	0.10	% OF SAMPLE	AA	5/21/2025
SAMPLE ID: SS-43 9' W VALVE S SIDE GAS @ 15' BFL % MOISTURE EPA 3550C	2.8	0.10	% OF SAMPLE	AA	5/21/2025
SAMPLE ID: SS-44 4' W VALVE BETWEEN LINES @ 7' BFL % MOISTURE EPA 3550C	2.9	0.10	% OF SAMPLE	AA	5/21/2025

CHAIN OF CUSTODY

PROJECT NUMBER 25.035	SITE NAME/ADDRESS 05/04/25 W Clinton Twp - E Trunk line - Line Release water	COMPANY/NAME Lambda Energy Resources, LLC
SAMPLED BY Kim Wallis-Burke	COMPANY Huron Engineering and Surveying	GTA PROJECT # 052125-13

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	SS 7 NESW 9'E + 5'N @ 3'bg	5/8/25		SOIL	Chloride
2	SS 8 NESW 9'E + 5'N @ 5'bg	↓			
3	SS 9 N SW 6.5'N V @ 3'bg				
4	SS 10 N SW 6.5'N V @ 5'bg				
5	SS 11 NW SW 8'W V + 3.5'N @ 2.5'bg				
6	SS 12 NW SW 8'W V + 3.5'N @ 5'bg				
7	SS 13 SE SW 9'E + 6'S @ 3'bg				
8	SS 14 SE SW 9'E + 6'S @ 5'bg				
9	SS 15 S SW 7.5'S V @ 3'bg				
10	SS 16 S SW 7.5'S V @ 5'bg				
11	SS 17 SW SW 6'W + 7'S @ 2.5'bg				
12	SS 18 SW SW 6'W + 7'S @ 5'bg				
13	SS 19 12.5 E V @ 2' bFL				
14	SS 20 8'W V @ 1.5' bFL				
15	SS 36 1.5'S V @ 14' bFL		5/9/25		

BILL TO: NS Lambda	TempRec: <input type="checkbox"/> N/A <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	REPORT TO: KWB Huron
	On Ice? <input type="checkbox"/> <input checked="" type="checkbox"/>	

RELEASED BY Kimberly S Wallis-Burke	DATE/TIME	RECEIVED BY Alpena UPS	DATE/TIME 5/20/25 pm
		A Alpena 5/21/25 12:00	

REQUESTED TAT STANDARD 1 BUSINESS DAY 2 BUSINESS DAYS 3 BUSINESS DAYS

CHAIN OF CUSTODY

PROJECT NUMBER 25.035	05/04/25	SITE NAME/ADDRESS Line Release	COMPANY/NAME Lambda Energy Resources, LLC
SAMPLED BY Kim Wallis-Burke	COMPANY Huron Engineering and Surveying	GTA PROJECT # 052125-13	

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
16	SS 38 12' E Valve Between Lines @ 5' bFL	5/16/25		SOIL	Chloride
17	SS 39 12' E Valve between Lines @ 10' bFL	↓		↓	↓
18	SS 40 12' E Valve between Lines @ 15' bFL	↓		↓	↓
19	SS 41 9' W Valve S Side Gas @ 5' bFL	↓		↓	↓
20	SS 42 9' W Valve S Side Gas @ 10' bFL	↓		↓	↓
21	SS 43 9' W Valve S Side Gas @ 15' bFL	↓		↓	↓
22	SS 44 4' W Valve between Lines @ 7' bFL	↓		↓	↓
23	Recovered Produced Water	5/5/25		Brine	Chloride & Spec Cond.

BILL TO: NS Lambda	Temp Rec: <input type="checkbox"/> N/A	On Ice? <input type="checkbox"/> <input checked="" type="checkbox"/> <small>Y N</small>	REPORT TO: KWB Huron
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RELEASED BY Kimberly S Wallis-Burke	DATE/TIME	RECEIVED BY Alpena UPS	DATE/TIME 5/20/25 pm
		Alpena	5/21/25 12:00

REQUESTED TAT STANDARD 1 BUSINESS DAY 2 BUSINESS DAYS 3 BUSINESS DAYS