



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: 20.065
GTA ProjNo: 100522-7

Site Addr: FOREST 24 CPF

Sampled By: BB/MR - HURON
Date Rec: 10/5/2022
Time Rec: 2:09 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-1	10/3/2022	1:15 PM	WATER
2	MW-3	10/3/2022	11:30 AM	WATER
3	MW-3D	10/3/2022	12:40 PM	WATER
4	MW-9	10/3/2022	1:45 PM	WATER
5	MW-9D	10/3/2022	2:50 PM	WATER
6	MW-15 (S)	10/3/2022	12:15 PM	WATER
7	MW-15D	10/3/2022	2:40 PM	WATER
8	MW-17D	10/3/2022	2:15 PM	WATER
9	MW-13S	10/3/2022	10:15 AM	WATER
10	MW-13D	10/3/2022	11:15 AM	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
Ph: 231-929-0905
Fx: 231-929-0894
SP: 231-590-0291
kirk@gtanalytical.com

COMPANY: LAMBDA ENERGY RESOURCES, LLC

GTA PROJECT NO: 100522-7

PROJECT NO: 20.065

GTA SAMPLE NO: 1

LOCATION: FOREST 24 CPF

DATE SAMPLED: 10/3/2022

TIME SAMPLED: 1:15 PM

DATE RECEIVED: 10/5/2022

TIME RECEIVED: 2:09 PM

MI

SAMPLED BY: BB/MR - 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-1	CHLORIDE EPA 300.0	14	10	mg/L (PPM)	KC/TR	10/13/2022	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: 20.065
 LOCATION: FOREST 24 CPF

GTA PROJECT NO: 100522-7
 GTA SAMPLE NO: 2

DATE SAMPLED: 10/3/2022
 TIME SAMPLED: 11:30 AM
 DATE RECEIVED: 10/5/2022
 TIME RECEIVED: 2:09 PM

MI
 SAMPLED BY: BB/MR - 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	CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	KC/TR	10/13/2022	WATER

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

COMPANY: LAMBDA ENERGY RESOURCES, LLC
 PROJECT NO: 20.065
 LOCATION: FOREST 24 CPF

GTA PROJECT NO: 100522-7
 GTA SAMPLE NO: 3

DATE SAMPLED: 10/3/2022
 TIME SAMPLED: 12:40 PM
 DATE RECEIVED: 10/5/2022
 TIME RECEIVED: 2:09 PM

MI
 SAMPLED BY: BB/MR - 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	37	10	mg/L (PPM)	KC/TR	10/13/2022	WATER
	CHLORIDE EPA 300.0						

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
 PROJECT NO: 20.065
 LOCATION: FOREST 24 CPF

GTA PROJECT NO: 100522-7
 GTA SAMPLE NO: 5

DATE SAMPLED: 10/3/2022
 TIME SAMPLED: 2:50 PM
 DATE RECEIVED: 10/5/2022
 TIME RECEIVED: 2:09 PM

MI
 SAMPLED BY: BB/MR - 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-9D	CHLORIDE EPA 300.0	1,100	50	mg/L (PPM)	KC/TR	10/13/2022	WATER

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

COMPANY: LAMBDA ENERGY RESOURCES, LLC
 PROJECT NO: 20.065
 LOCATION: FOREST 24 CPF

GTA PROJECT NO: 100522-7
 GTA SAMPLE NO: 7

DATE SAMPLED: 10/3/2022
 TIME SAMPLED: 2:40 PM
 DATE RECEIVED: 10/5/2022
 TIME RECEIVED: 2:09 PM

MI
 SAMPLED BY: BB/MR - 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-15D	160	10	mg/L (PPM)	KC/TR	10/13/2022	WATER
	CHLORIDE EPA 300.0						

ND = NOT DETECTED, RESULT < LOD
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COMPANY: LAMBDA ENERGY RESOURCES, LLC

GTA PROJECT NO: 100522-7

PROJECT NO: 20.065

GTA SAMPLE NO: 8

LOCATION: FOREST 24 CPF

DATE SAMPLED: 10/3/2022

TIME SAMPLED: 2:15 PM

DATE RECEIVED: 10/5/2022

TIME RECEIVED: 2:09 PM

MI

SAMPLED BY: BB/MR - 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-17D		160	10	mg/L (PPM)	KC/TR	10/13/2022	WATER
CHLORIDE EPA 300.0							

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: 20.065

LOCATION: FOREST 24 CPF

MI

SAMPLE MATRIX: WATER

SAMPLE ID: MW-13S

GTA PROJECT NO: 100522-7

GTA SAMPLE NO: 9

DATE SAMPLED: 10/3/2022

TIME SAMPLED: 10:15 AM

DATE RECEIVED: 10/5/2022

TIME RECEIVED: 2:09 PM

SAMPLED BY: BB/MR - HURON

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		10/6/2022	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					

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: 20.065
 LOCATION: FOREST 24 CPF
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-13D

GTA PROJECT NO: 100522-7
 GTA SAMPLE NO: 10
 DATE SAMPLED: 10/3/2022
 TIME SAMPLED: 11:15 AM
 DATE RECEIVED: 10/5/2022
 TIME RECEIVED: 2:09 PM

SAMPLED BY: BB/MR - HURON

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		10/6/2022	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					

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: 20.065
LOCATION: FOREST 24 CPF

GTA PROJECT NO: 100522-7
GTA SAMPLE NO: 9
DATE SAMPLED: 10/3/2022
TIME SAMPLED: 10:15 AM
DATE RECEIVED: 10/5/2022
TIME RECEIVED: 2:09 PM

MI
SAMPLED BY: BB/MR - 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-13S						
	CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	KC/TR	10/13/2022	WATER
	CONDUCTIVITY SM2510-B	270	1.0	uS/cm@25C	TR	10/12/2022	WATER

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

CHAIN OF CUSTODY

PROJECT NUMBER 20.065	SITE NAME/ADDRESS Forest 24 CPF	COMPANY/NAME Lambda Energy Resources
SAMPLED BY Brett Burke Matt Richardson		COMPANY Huon Engineering & Surveying
		GTA PROJECT # 100522-7

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS	FC ms/cm
1	MW 1	10/3/22	1:15 p	GW	Chloride	0.33
2	MW 3	10/3/22	11:30 A	"	"	0.48
3	MW 3 D	10/3/22	12:40 p	"	"	0.54
4	MW 9	10/3/22	1:45 p	"	"	0.58
5	MW 9 D	10/3/22	2:50 p	"	"	3.4
6	MW 15 (S)	10/3/22	12:15 p	"	"	0.66
7	MW 15 D	10/3/22	2:40 p	"	"	1.63
8	MW 17 D	10/3/22	2:15 p	"	"	0.88
9	MW 13 S	10/3/22	10:15 A	"	Chloride, Cond. & BTEX	0.49
10	MW 13 D	10/3/22	11:15 A	"	"	0.43

BILL TO: Lambda c/o Nick Summerville
Report Kim Wallis-Burke, Huon Kim.wallis-burke@huonesi.com

RELEASED BY Brett Burke	DATE/TIME 10/4/22	RECEIVED BY [Signature]	DATE/TIME 10/5/22 2:09
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X Standard