



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:

Site Addr: HORICON 7-15

GTA ProjNo: 092820-10

Sampled By: NICK SUMMERLAND/LER
Date Rec: 9/28/2020
Time Rec: 3:20 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	FL-1-12'	9/25/2020	12:41 PM	SOIL
2	SW-N-6'	9/25/2020	1:01 PM	SOIL
3	SW-E-6'	9/25/2020	1:06 PM	SOIL
4	FL-2-5'	9/25/2020	1:11 PM	SOIL
5	SW-S-3'	9/25/2020	1:18 PM	SOIL

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
 PROJECT NO:
 LOCATION: HORICON 7-15
 MI
 SAMPLE MATRIX: SOIL
 SAMPLE ID: FL-1-12'

GTA PROJECT NO: 092820-10
 GTA SAMPLE NO: 1
 DATE SAMPLED: 9/25/2020
 TIME SAMPLED: 12:41 PM
 DATE RECEIVED: 9/28/2020
 TIME RECEIVED: 3:20 PM

SAMPLED BY: NICK SUMMERLAND/LER
 **THIS SAMPLE WAS RECEIVED MEOH PRESERVED.

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	50	ug/Kg (PPB)	MR	9/25/2020	9/29/2020	EPA 5035A
Toluene	ND	50					
Ethylbenzene	ND	50					
Xylene(Total)	ND	150					
1,2,4-Trimethylbenzene	ND	50					
1,3,5-Trimethylbenzene	ND	50					
Naphthalene	ND	250					
2-Methylnaphthalene	ND	250					

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:
 LOCATION: HORICON 7-15
 MI
 SAMPLE MATRIX: SOIL
 SAMPLE ID: SW-N-6'

GTA PROJECT NO: 092820-10
 GTA SAMPLE NO: 2
 DATE SAMPLED: 9/25/2020
 TIME SAMPLED: 1:01 PM
 DATE RECEIVED: 9/28/2020
 TIME RECEIVED: 3:20 PM

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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	50	ug/Kg (PPB)	MR	9/25/2020	9/30/2020	EPA 5035A
Toluene	2,400	50					
Ethylbenzene	ND	50					
Xylene(Total)	ND	150					
1,2,4-Trimethylbenzene	150	50					
1,3,5-Trimethylbenzene	84	50					
Naphthalene	ND	250					
2-Methylnaphthalene	ND	250					

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
 PROJECT NO:
 LOCATION: HORICON 7-15
 MI
 SAMPLE MATRIX: SOIL
 SAMPLE ID: SW-E-6'

GTA PROJECT NO: 092820-10
 GTA SAMPLE NO: 3
 DATE SAMPLED: 9/25/2020
 TIME SAMPLED: 1:06 PM
 DATE RECEIVED: 9/28/2020
 TIME RECEIVED: 3:20 PM

SAMPLED BY: NICK SUMMERLAND/LER
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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	50	ug/Kg (PPB)	MR	9/25/2020	9/29/2020	EPA 5035A
Toluene	ND	50					
Ethylbenzene	ND	50					
Xylene(Total)	ND	150					
1,2,4-Trimethylbenzene	ND	50					
1,3,5-Trimethylbenzene	ND	50					
Naphthalene	ND	250					
2-Methylnaphthalene	ND	250					

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
 PROJECT NO:
 LOCATION: HORICON 7-15
 MI
 SAMPLE MATRIX: SOIL
 SAMPLE ID: FL-2-5'

GTA PROJECT NO: 092820-10
 GTA SAMPLE NO: 4
 DATE SAMPLED: 9/25/2020
 TIME SAMPLED: 1:11 PM
 DATE RECEIVED: 9/28/2020
 TIME RECEIVED: 3:20 PM

SAMPLED BY: NICK SUMMERLAND/LER
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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	50	ug/Kg (PPB)	MR	9/25/2020	9/29/2020	EPA 5035A
Toluene	ND	50					
Ethylbenzene	ND	50					
Xylene(Total)	ND	150					
1,2,4-Trimethylbenzene	ND	50					
1,3,5-Trimethylbenzene	ND	50					
Naphthalene	ND	250					
2-Methylnaphthalene	ND	250					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.
 ND = NOT DETECTED, RESULT < LOD
 LOD = LIMIT OF DETECTION

COMPANY: LAMBDA ENERGY RESOURCES, LLC
 PROJECT NO:
 LOCATION: HORICON 7-15
 MI
 SAMPLE MATRIX: SOIL
 SAMPLE ID: SW-S-3'

GTA PROJECT NO: 092820-10
 GTA SAMPLE NO: 5
 DATE SAMPLED: 9/25/2020
 TIME SAMPLED: 1:18 PM
 DATE RECEIVED: 9/28/2020
 TIME RECEIVED: 3:20 PM

SAMPLED BY: NICK SUMMERLAND/LER
 **THIS SAMPLE WAS RECEIVED MEOH PRESERVED.

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	50	ug/Kg (PPB)	MR	9/25/2020	9/29/2020	EPA 5035A
Toluene	ND	50					
Ethylbenzene	ND	50					
Xylene(Total)	ND	150					
1,2,4-Trimethylbenzene	ND	50					
1,3,5-Trimethylbenzene	ND	50					
Naphthalene	ND	250					
2-Methylnaphthalene	ND	250					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.
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COMPANY: LAMBDA ENERGY RESOURCES, LLC

NAME:
PROJECT NO:

LOCATION: HORICON 7-15

MI

GTA PROJECT NO: 092820-
SAMPLED BY: NICK SUMMERLAND/LER

DATE SAMPLED: 9/25/2020
TIME SAMPLED: 12:41 PM

SAMPLE MATRIX: SOIL

DATE RECEIVED: 9/28/2020
TIME RECEIVED: 3:20 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: FL-1-12'	% MOISTURE EPA 3550C	5.1	0.050	% OF SAMPLE	AS	9/28/2020
SAMPLE ID: SW-N-6'	% MOISTURE EPA 3550C	4.7	0.050	% OF SAMPLE	AS	9/28/2020
SAMPLE ID: SW-E-6'	% MOISTURE EPA 3550C	3.2	0.050	% OF SAMPLE	AS	9/28/2020
SAMPLE ID: FL-2-5'	% MOISTURE EPA 3550C	4.2	0.050	% OF SAMPLE	AS	9/28/2020
SAMPLE ID: SW-S-3'	% MOISTURE EPA 3550C	7.1	0.050	% OF SAMPLE	AS	9/28/2020

CHAIN OF CUSTODY

PROJECT NUMBER	SITE NAME/ADDRESS	COMPANY/NAME
	Horicon 7-15	Cambda Energy
SAMPLED BY	COMPANY	GTA PROJECT #
N Summerland	Cambda Energy	092820-10

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	FL-1-12'	9-25-20	12:41P	Soil	BTEX +4
2	SW-11-6'	↓	1:01P	Soil	↓
3	SW-E-6'	↓	1:06P	Soil	↓
4	FL-2-5'	↓	1:11P	Soil	↓
5	SW-3-3'	↓	1:18P	Soil	↓

BILL TO: Cambda	REPORT TO: N Summerland
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RELEASED BY [Signature]	DATE/TIME 9-28-20 3:20P	RECEIVED BY [Signature]	DATE/TIME 9/28/20 3:20
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REQUESTED TAT STANDARD 1 BUSINESS DAY 2 BUSINESS DAYS 3 BUSINESS DAYS