



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: BLUE LAKE 17

GTA ProjNo: 052119-12

Sampled By: N. SUMMERLAND/LER
Date Rec: 5/20/2019
Time Rec: 4:55 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	LINE HEATER GS	5/20/2019	10:40 AM	SOIL
2	PIPE RACK GS	5/20/2019	10:35 AM	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 L Chase

Kirk L. Chase/Chemist
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COMPANY: LAMBDA ENERGY RESOURCES, LLC
 PROJECT NO:
 LOCATION: BLUE LAKE 17
 MI
 SAMPLE MATRIX: SOIL
 SAMPLE ID: LINE HEATER GS

GTA PROJECT NO: 052119-12
 GTA SAMPLE NO: 1
 DATE SAMPLED: 5/20/2019
 TIME SAMPLED: 10:40 AM
 DATE RECEIVED: 5/20/2019
 TIME RECEIVED: 4:55 PM

SAMPLED BY: N. 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	5/20/2019	5/22/2019	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: BLUE LAKE 17
 MI
 SAMPLE MATRIX: SOIL
 SAMPLE ID: PIPE RACK GS

GTA PROJECT NO: 052119-12
 GTA SAMPLE NO: 2
 DATE SAMPLED: 5/20/2019
 TIME SAMPLED: 10:35 AM
 DATE RECEIVED: 5/20/2019
 TIME RECEIVED: 4:55 PM

SAMPLED BY: N. 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	5/20/2019	5/22/2019	EPA 5035A
Toluene	87	50					
Ethylbenzene	ND	50					
Xylene(Total)	430	150					
1,2,4-Trimethylbenzene	1,100	50					
1,3,5-Trimethylbenzene	220	50					
Naphthalene	ND	250					
2-Methylnaphthalene	1,500	250					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.
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 LOD = LIMIT OF DETECTION

COMPANY:	LAMBDA ENERGY RESOURCES, LLC	GTA PROJECT NO:	052119-12
PROJECT NO:		GTA SAMPLE NO:	1
LOCATION:	BLUE LAKE 17	DATE SAMPLED:	5/20/2019
		TIME SAMPLED:	10:40 AM
		DATE RECEIVED:	5/20/2019
		TIME RECEIVED:	4:55 PM
	MI		
SAMPLED BY:	N. SUMMERLAND/LER		

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
	SAMPLE ID: LINE HEATER GS CHLORIDE EPA 300.0	350	26	mg/Kg (PPM)	KC	5/24/2019	SOIL

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



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COMPANY: LAMBDA ENERGY RESOURCES, LLC

NAME:
PROJECT NO:

LOCATION: BLUE LAKE 17

MI

GTA PROJECT NO: 052119-
SAMPLED BY: N. SUMMERLAND/LER

DATE SAMPLED: 5/20/2019
TIME SAMPLED: 10:40 AM

SAMPLE MATRIX: SOIL

DATE RECEIVED: 5/20/2019
TIME RECEIVED: 4:55 PM

MOISTURE

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Complete</u>
	SAMPLE ID: LINE HEATER GS % MOISTURE EPA 3550C	6.9	0.050	% OF SAMPLE	AS	5/21/2019
	SAMPLE ID: PIPE RACK GS % MOISTURE EPA 3550C	11	0.050	% OF SAMPLE	AS	5/21/2019

