



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: WEDHOLM MCCAGUE 1-31

GTA ProjNo: 091523-2

Sampled By: N. SUMMERLAND/LER
Date Rec: 9/15/2023
Time Rec: 8:18 AM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	VSR-19 SW	9/14/2023	4:15 PM	SOIL
2	VSR-20 FL	9/14/2023	4:20 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

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COMPANY: LAMBDA ENERGY RESOURCES, LLC

PROJECT NO:

LOCATION: WEDHOLM MCCAGUE 1-31

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: VSR-19 SW

GTA PROJECT NO: 091523-2

GTA SAMPLE NO: 1

DATE SAMPLED: 9/14/2023

TIME SAMPLED: 4:15 PM

DATE RECEIVED: 9/15/2023

TIME RECEIVED: 8:18 AM

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>Completed</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	9/14/2023	9/16/2023	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: WEDHOLM MCCAGUE 1-31

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: VSR-20 FL

GTA PROJECT NO: 091523-2

GTA SAMPLE NO: 2

DATE SAMPLED: 9/14/2023

TIME SAMPLED: 4:20 PM

DATE RECEIVED: 9/15/2023

TIME RECEIVED: 8:18 AM

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>Completed</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB) MR		9/14/2023	9/16/2023	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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PROJECT NO:
LOCATION: WEDHOLM MCCAGUE 1-31
MI
SAMPLED BY: N. SUMMERLAND/LER

GTA PROJECT NO: 091523-2
GTA SAMPLE NO: 1
DATE SAMPLED: 9/14/2023
TIME SAMPLED: 4:15 PM
DATE RECEIVED: 9/15/2023
TIME RECEIVED: 8:18 AM

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: VSR-19 SW CHLORIDE EPA 300.0	120	100	mg/Kg (PPM)	KC/AS	9/20/2023	SOIL

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: GTA PROJECT NO: 091523-2
LOCATION: WEDHOLM MCCAGUE 1-31
DATE SAMPLED: 9/14/2023
TIME SAMPLED: 4:20 PM
DATE RECEIVED: 9/15/2023
TIME RECEIVED: 8:18 AM
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 Completed</u>	<u>Sample Matrix</u>
	SAMPLE ID: VSR-20 FL CHLORIDE EPA 300.0	140	98	mg/Kg (PPM)	KC/AS	9/20/2023	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

GTA PROJECT NO: 091523-2

NAME:

SAMPLED BY: N. SUMMERLAND/LER

PROJECT NO:

DATE SAMPLED: 9/14/2023

LOCATION: WEDHOLM MCCAGUE 1-31

SAMPLE SOIL

DATE RECEIVED: 9/15/2023

TIME RECEIVED: 8:18 AM

MI

MOISTURE**No: Analysis**

SAMPLE ID: VSR-19 SW

% MOISTURE EPA 3550C

SAMPLE ID: VSR-20 FL

% MOISTURE EPA 3550C

<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>
6.0	0.10	% OF SAMPLE	AS	9/15/2023
9.8	0.10	% OF SAMPLE	AS	9/15/2023

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CHAIN OF CUSTODY

PROJECT NUMBER	SITE NAME/ADDRESS	COMPANY/NAME
	Wedholm McCague 1-31	Lambda Energy
SAMPLED BY	COMPANY	GTA PROJECT #
N. Summerland	Lambda	091523-2

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	VSR-19 SW	9-14-23	4:15P	Soil	BTEX + Y, Chlorides
2	VSR-20 CL	↓	4:20P	↓	↓

BILL TO:	TempRec: ☐	On Ice? ☒ Y ☐ N	REPORT TO:
Lambda	- 04°C		N Summerland
RELEASED BY	DATE/TIME	RECEIVED BY	DATE/TIME
Mick Friel	9-15-23 8:18A	Trevor Friel	9-15-23 8:18A
REQUESTED TAT	☒ STANDARD ☐ 1 BUSINESS DAY ☐ 2 BUSINESS DAYS ☐ 3 BUSINESS DAYS		