

**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: 24-051

GTA ProjNo: 043024-1

Site Addr: CHESTER 18

Sampled By: STEVEN HEMSTREET/OMPC

Date Rec: 4/30/2024

Time Rec: 9:30 AM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	VSR-1 @ 25'	4/29/2024	3:20 PM	SOIL
2	VSR-2 @ 25'	4/29/2024	3:25 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
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COMPANY: LAMBDA ENERGY RESOURCES, LLC

PROJECT NO: 24-051

LOCATION: CHESTER 18

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: VSR-1 @ 25'

GTA PROJECT NO: 043024-1

GTA SAMPLE NO: 1

DATE SAMPLED: 4/29/2024

TIME SAMPLED: 3:20 PM

DATE RECEIVED: 4/30/2024

TIME RECEIVED: 9:30 AM

SAMPLED BY: STEVEN HEMSTREET/OMPC

**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	54	50	ug/Kg (PPB)	MR	4/29/2024	4/30/2024	EPA 5035A
Toluene	2,100	50					
Ethylbenzene	2,200	50					
Xylene(Total)	7,900	150					
1,2,4-Trimethylbenzene	7,200	50					
1,3,5-Trimethylbenzene	1,500	50					
Naphthalene	ND	250					
2-Methylnaphthalene	1,200	250					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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PROJECT NO: 24-051

LOCATION: CHESTER 18

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: VSR-2 @ 25'

GTA PROJECT NO: 043024-1

GTA SAMPLE NO: 2

DATE SAMPLED: 4/29/2024

TIME SAMPLED: 3:25 PM

DATE RECEIVED: 4/30/2024

TIME RECEIVED: 9:30 AM

SAMPLED BY: STEVEN HEMSTREET/OMPC

**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	4/29/2024	4/30/2024	EPA 5035A
Toluene	ND	50					
Ethylbenzene	ND	50					
Xylene(Total)	ND	150					
1,2,4-Trimethylbenzene	160	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: 24-051
LOCATION: CHESTER 18
MI
SAMPLED BY: STEVEN HEMSTREET/OMPC

GTA PROJECT NO: 043024-1
GTA SAMPLE NO: 1
DATE SAMPLED: 4/29/2024
TIME SAMPLED: 3:20 PM
DATE RECEIVED: 4/30/2024
TIME RECEIVED: 9:30 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-1 @ 25'							
CHLORIDE EPA 300.0		120	93	mg/Kg (PPM)	KC/AS	4/30/2024	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: 043024-1

PROJECT NO: 24-051

GTA SAMPLE NO: 2

LOCATION: CHESTER 18

DATE SAMPLED: 4/29/2024

TIME SAMPLED: 3:25 PM

DATE RECEIVED: 4/30/2024

TIME RECEIVED: 9:30 AM

MI

SAMPLED BY: STEVEN HEMSTREET/OMPC

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: VSR-2 @ 25'

CHLORIDE EPA 300.0

Concentration

ND

LOD

89

Units

mg/Kg (PPM)

Analyst

KC/AS

Date Completed

4/30/2024

Sample Matrix

SOIL

ND = NOT DETECTED, RESULT < LOD

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



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COMPANY: LAMBDA ENERGY RESOURCES, LLC

GTA PROJECT NO: 043024-1

NAME:

SAMPLED BY: STEVEN HEMSTREET/OMPC

PROJECT NO: 24-051

DATE SAMPLED: 4/29/2024

LOCATION: CHESTER 18

SAMPLE SOIL

DATE RECEIVED: 4/30/2024

MI

TIME RECEIVED: 9:30 AM

MOISTURE

No: Analysis

SAMPLE ID: VSR-1 @ 25'

% MOISTURE EPA 3550C

SAMPLE ID: VSR-2 @ 25'

% MOISTURE EPA 3550C

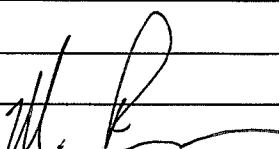
<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u> <u>Completed</u>
4.5	0.10	% OF SAMPLE	AS	4/30/2024
3.5	0.10	% OF SAMPLE	AS	4/30/2024

CHAIN OF CUSTODY

PROJECT NUMBER 24-051	SITE NAME/ADDRESS Chester 18	COMPANY/NAME Lambda
SAMPLED BY Steven Hemstreet	COMPANY Otwell Mawby	GTA PROJECT # 043024-1

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	VSR-1@25'	4/29/24	3:20pm	Soil	HIPs, Chloride
2	VSR-2@25'	4/29/24	3:25pm	Soil	HIPs, Chloride

BILL TO: Lambda	TempRec: ☐ 2.7°C	On Ice? ☒ Y ☐ N	REPORT TO: Otwell Mawby
RELEASED BY 	DATE/TIME 4/30/24 9:25am	RECEIVED BY 	DATE/TIME 4-30-24 9:30A
REQUESTED TAT ☐ STANDARD ☒ 1 BUSINESS DAY ☐ 2 BUSINESS DAYS ☐ 3 BUSINESS DAYS			