

**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: 20-127

GTA ProjNo: 032823-1

Site Addr: CHARLTON 4 CPF

Sampled By: JP/OMPC

Date Rec: 3/28/2023

Time Rec: 9:15 AM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	HA-8 @ 2'	3/27/2023		SOIL
2	HA-8 @ 4'	3/27/2023		SOIL
3	HA-8 @ 6'	3/27/2023		SOIL
4	HA-9 @ 2'	3/27/2023		SOIL
5	HA-9 @ 4'	3/27/2023		SOIL
6	HA-9 @ 6'	3/27/2023		SOIL
7	HA-10 @ 2'	3/27/2023		SOIL
8	HA-10 @ 4'	3/27/2023		SOIL
9	HA-10 @ 6'	3/27/2023		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: 20-127

LOCATION: CHARLTON 4 CPF

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: HA-8 @ 2'

GTA PROJECT NO: 032823-1

GTA SAMPLE NO: 1

DATE SAMPLED: 3/27/2023

TIME SAMPLED:

DATE RECEIVED: 3/28/2023

TIME RECEIVED: 9:15 AM

SAMPLED BY: JP/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>Complete</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	3/27/2023	3/29/2023	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

**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

PROJECT NO: 20-127

LOCATION: CHARLTON 4 CPF

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: HA-8 @ 4'

GTA PROJECT NO: 032823-1

GTA SAMPLE NO: 2

DATE SAMPLED: 3/27/2023

TIME SAMPLED:

DATE RECEIVED: 3/28/2023

TIME RECEIVED: 9:15 AM

SAMPLED BY: JP/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>Complete</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB) MR		3/27/2023	3/29/2023	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

COMPANY: LAMBDA ENERGY RESOURCES, LLC

PROJECT NO: 20-127

LOCATION: CHARLTON 4 CPF

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: HA-8 @ 6'

GTA PROJECT NO: 032823-1

GTA SAMPLE NO: 3

DATE SAMPLED: 3/27/2023

TIME SAMPLED:

DATE RECEIVED: 3/28/2023

TIME RECEIVED: 9:15 AM

SAMPLED BY: JP/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>Complete</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	3/27/2023	3/29/2023	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

COMPANY: LAMBDA ENERGY RESOURCES, LLC

PROJECT NO: 20-127

LOCATION: CHARLTON 4 CPF

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: HA-9 @ 2'

GTA PROJECT NO: 032823-1

GTA SAMPLE NO: 4

DATE SAMPLED: 3/27/2023

TIME SAMPLED:

DATE RECEIVED: 3/28/2023

TIME RECEIVED: 9:15 AM

SAMPLED BY: JP/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>Complete</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	3/27/2023	3/29/2023	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

COMPANY: LAMBDA ENERGY RESOURCES, LLC

PROJECT NO: 20-127

LOCATION: CHARLTON 4 CPF

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: HA-9 @ 4'

GTA PROJECT NO: 032823-1

GTA SAMPLE NO: 5

DATE SAMPLED: 3/27/2023

TIME SAMPLED:

DATE RECEIVED: 3/28/2023

TIME RECEIVED: 9:15 AM

SAMPLED BY: JP/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>Complete</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	3/27/2023	3/29/2023	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.

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

COMPANY: LAMBDA ENERGY RESOURCES, LLC

PROJECT NO: 20-127

LOCATION: CHARLTON 4 CPF

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: HA-9 @ 6'

GTA PROJECT NO: 032823-1

GTA SAMPLE NO: 6

DATE SAMPLED: 3/27/2023

TIME SAMPLED:

DATE RECEIVED: 3/28/2023

TIME RECEIVED: 9:15 AM

SAMPLED BY: JP/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>Complete</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	3/27/2023	3/29/2023	EPA 5035A
Toluene	ND	50					
Ethylbenzene	ND	50					
Xylene(Total)	ND	150					
1,2,4-Trimethylbenzene	220	50					
1,3,5-Trimethylbenzene	100	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

**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

PROJECT NO: 20-127

LOCATION: CHARLTON 4 CPF

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: HA-10 @ 2'

GTA PROJECT NO: 032823-1

GTA SAMPLE NO: 7

DATE SAMPLED: 3/27/2023

TIME SAMPLED:

DATE RECEIVED: 3/28/2023

TIME RECEIVED: 9:15 AM

SAMPLED BY: JP/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>Complete</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB) MR		3/27/2023	3/29/2023	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

**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

PROJECT NO: 20-127

LOCATION: CHARLTON 4 CPF

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: HA-10 @ 4'

GTA PROJECT NO: 032823-1

GTA SAMPLE NO: 8

DATE SAMPLED: 3/27/2023

TIME SAMPLED:

DATE RECEIVED: 3/28/2023

TIME RECEIVED: 9:15 AM

SAMPLED BY: JP/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>Complete</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB) MR		3/27/2023	3/29/2023	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

**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

PROJECT NO: 20-127

LOCATION: CHARLTON 4 CPF

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: HA-10 @ 6'

GTA PROJECT NO: 032823-1

GTA SAMPLE NO: 9

DATE SAMPLED: 3/27/2023

TIME SAMPLED:

DATE RECEIVED: 3/28/2023

TIME RECEIVED: 9:15 AM

SAMPLED BY: JP/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>Complete</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB) MR		3/27/2023	3/29/2023	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

**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:

PROJECT NO: 20-127

GTA PROJECT NO: 032823-
SAMPLED BY: JP/OMPC

DATE SAMPLED: 3/27/2023

LOCATION: CHARLTON 4 CPF

SAMPLE MATRIX: SOIL

DATE RECEIVED: 3/28/2023
TIME RECEIVED: 9:15 AM

MI

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: HA-8 @ 2'	% MOISTURE EPA 3550C	16	0.10	% OF SAMPLE	TR	3/28/2023
SAMPLE ID: HA-8 @ 4'	% MOISTURE EPA 3550C	14	0.10	% OF SAMPLE	TR	3/28/2023
SAMPLE ID: HA-8 @ 6'	% MOISTURE EPA 3550C	14	0.10	% OF SAMPLE	TR	3/28/2023
SAMPLE ID: HA-9 @ 2'	% MOISTURE EPA 3550C	14	0.10	% OF SAMPLE	TR	3/28/2023
SAMPLE ID: HA-9 @ 4'	% MOISTURE EPA 3550C	14	0.10	% OF SAMPLE	TR	3/28/2023
SAMPLE ID: HA-9 @ 6'	% MOISTURE EPA 3550C	14	0.10	% OF SAMPLE	TR	3/28/2023
SAMPLE ID: HA-10 @ 2'	% MOISTURE EPA 3550C	13	0.10	% OF SAMPLE	TR	3/28/2023
SAMPLE ID: HA-10 @ 4'	% MOISTURE EPA 3550C	14	0.10	% OF SAMPLE	TR	3/28/2023
SAMPLE ID: HA-10 @ 6'	% MOISTURE EPA 3550C	14	0.10	% OF SAMPLE	TR	3/28/2023

CHAIN OF CUSTODY

PROJECT NUMBER 20-127	SITE NAME/ADDRESS Chilton 12	COMPANY/NAME Lombard
SAMPLED BY Jake Palinsky	COMPANY Otwell Mawby P.C.	GTA PROJECT # 032823-1

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	HA-8 @ 2'	3/27/23		Soil	HIPS
2	HA-8 @ 4'				
3	HA-8 @ 6'				
4	HA-9 @ 2'				
5	HA-9 @ 4'				
6	HA-9 @ 6'				
7	HA-10 @ 2'				
8	HA-10 @ 4'				
9	HA-10 @ 6'				

BILL TO:	TempRec: ☐ 2.3°	On Ice? ☒ Y ☐ N	REPORT TO: d.burton@otwellmawby.com
----------	---	--	--

RELEASED BY Jake Palinsky	DATE/TIME 3/28/23 / 0915	RECEIVED BY Teresa Dine	DATE/TIME 3-28-23 9:15am
------------------------------	-----------------------------	----------------------------	-----------------------------

REQUESTED TAT ☒ STANDARD ☐ 1 BUSINESS DAY ☐ 2 BUSINESS DAYS ☐ 3 BUSINESS DAYS