



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: 2018100125.01
GTA ProjNo: 092724-9

Site Addr: PARADISE 19 CPF

Sampled By: JOSHUA GERRIE/GCES
Date Rec: 9/27/2024
Time Rec: 11:35 AM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-3	9/27/2024	9:45 AM	WATER
2	MW-3D	9/27/2024	10:00 AM	WATER
3	MW-13	9/27/2024	11:15 AM	WATER
4	MW-14	9/27/2024	10:30 AM	WATER
5	MW-16	9/27/2024	10:15 AM	WATER
6	MW-17	9/27/2024	10:45 AM	WATER
7	MW-18	9/27/2024	10:55 AM	WATER

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
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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 2018100125.01
LOCATION: PARADISE 19 CPF
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-3

GTA PROJECT NO: 092724-9
GTA SAMPLE NO: 1
DATE SAMPLED: 9/27/2024
TIME SAMPLED: 9:45 AM
DATE RECEIVED: 9/27/2024
TIME RECEIVED: 11:35 AM
SAMPLED BY: JOSHUA GERRIE/GCES

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		9/27/2024	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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: 2018100125.01

LOCATION: PARADISE 19 CPF

MI

SAMPLE MATRIX: WATER

SAMPLE ID: MW-3D

GTA PROJECT NO: 092724-9

GTA SAMPLE NO: 2

DATE SAMPLED: 9/27/2024

TIME SAMPLED: 10:00 AM

DATE RECEIVED: 9/27/2024

TIME RECEIVED: 11:35 AM

SAMPLED BY: JOSHUA GERRIE/GCES

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		9/27/2024	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
 PROJECT NO: 2018100125.01
 LOCATION: PARADISE 19 CPF
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-13

GTA PROJECT NO: 092724-9
 GTA SAMPLE NO: 3
 DATE SAMPLED: 9/27/2024
 TIME SAMPLED: 11:15 AM
 DATE RECEIVED: 9/27/2024
 TIME RECEIVED: 11:35 AM

SAMPLED BY: JOSHUA GERRIE/GCES

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		9/27/2024	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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COMPANY: LAMBDA ENERGY RESOURCES, LLC
 PROJECT NO: 2018100125.01
 LOCATION: PARADISE 19 CPF
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-14

GTA PROJECT NO: 092724-9
 GTA SAMPLE NO: 4
 DATE SAMPLED: 9/27/2024
 TIME SAMPLED: 10:30 AM
 DATE RECEIVED: 9/27/2024
 TIME RECEIVED: 11:35 AM

SAMPLED BY: JOSHUA GERRIE/GCES

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		9/27/2024	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.
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COMPANY: LAMBDA ENERGY RESOURCES, LLC
 PROJECT NO: 2018100125.01
 LOCATION: PARADISE 19 CPF
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-16

GTA PROJECT NO: 092724-9
 GTA SAMPLE NO: 5
 DATE SAMPLED: 9/27/2024
 TIME SAMPLED: 10:15 AM
 DATE RECEIVED: 9/27/2024
 TIME RECEIVED: 11:35 AM

SAMPLED BY: JOSHUA GERRIE/GCES

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		9/27/2024	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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 LOD = LIMIT OF DETECTION

COMPANY: LAMBDA ENERGY RESOURCES, LLC
 PROJECT NO: 2018100125.01
 LOCATION: PARADISE 19 CPF
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-17

GTA PROJECT NO: 092724-9
 GTA SAMPLE NO: 6
 DATE SAMPLED: 9/27/2024
 TIME SAMPLED: 10:45 AM
 DATE RECEIVED: 9/27/2024
 TIME RECEIVED: 11:35 AM

SAMPLED BY: JOSHUA GERRIE/GCES

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		9/27/2024	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.
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COMPANY: LAMBDA ENERGY RESOURCES, LLC
 PROJECT NO: 2018100125.01
 LOCATION: PARADISE 19 CPF
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-18

GTA PROJECT NO: 092724-9
 GTA SAMPLE NO: 7
 DATE SAMPLED: 9/27/2024
 TIME SAMPLED: 10:55 AM
 DATE RECEIVED: 9/27/2024
 TIME RECEIVED: 11:35 AM

SAMPLED BY: JOSHUA GERRIE/GCES

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		9/27/2024	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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

COMPANY: LAMBDA ENERGY RESOURCES, LLC GTA PROJECT NO: 092724-9
PROJECT NO: 2018100125.01 GTA SAMPLE NO: 6
LOCATION: PARADISE 19 CPF DATE SAMPLED: 9/27/2024
TIME SAMPLED: 10:45 AM
DATE RECEIVED: 9/27/2024
TIME RECEIVED: 11:35 AM

MI
SAMPLED BY: JOSHUA GERRIE/GCES

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: MW-17	CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	KC/TR	10/4/2024	WATER

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
PROJECT NO: 2018100125.01
LOCATION: PARADISE 19 CPF

GTA PROJECT NO: 092724-9
GTA SAMPLE NO: 7

DATE SAMPLED: 9/27/2024
TIME SAMPLED: 10:55 AM
DATE RECEIVED: 9/27/2024
TIME RECEIVED: 11:35 AM

MI
SAMPLED BY: JOSHUA GERRIE/GCES

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: MW-18							
CHLORIDE EPA 300.0		ND	10	mg/L (PPM)	KC/TR	10/4/2024	WATER

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

CHAIN OF CUSTODY

PROJECT NUMBER 2018100125.01	SITE NAME/ADDRESS Paradise 19 CPF	COMPANY/NAME Lambda Energy Resources
SAMPLED BY Joshua Genrie	COMPANY Gosling Ezubak	GTA PROJECT # 092724-9

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS		
1	MW-3	9-27-24	0945	GW	BTEX+4		
2	MW-3D	↓	1000	↓	↓		
3	MW-13		1115				
4	MW-14		1030				
5	MW-16		1015				
6	MW-17		1045			BTEX+4 + Chloride	
7	MW-18		1055			↓	↓

BILL TO: Lambda Energy Resources	TempRec: <input type="checkbox"/> 3.8°C	On Ice? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	REPORT TO: Eric Vincke
RELEASED BY 	DATE/TIME 9-27-24/1135	RECEIVED BY K. O'H	DATE/TIME 9/27/24 1135
REQUESTED TAT <input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> 1 BUSINESS DAY <input type="checkbox"/> 2 BUSINESS DAYS <input type="checkbox"/> 3 BUSINESS DAYS			