



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: 2018100142.03
GTA ProjNo: 092823-3A

Site Addr: WEDHOLM MCCAGUE 1-31
Sampled By: PETER KALLIOINEN/GCES
Date Rec: 9/28/2023
Time Rec: 9:25 AM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	VAP-101 (25'-30')	9/27/2023	9:30 AM	WATER
2	VAP-101 (15'-20')	9/27/2023	9:53 AM	WATER
3	VAP-101 (5'-10')	9/27/2023	10:06 AM	WATER
4	SUMP	9/27/2023	10:38 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
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COMPANY: LAMBDA ENERGY RESOURCES, LLC
 PROJECT NO: 2018100142.03
 LOCATION: WEDHOLM MCCAGUE 1-31
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: VAP-101 (25'-30')

GTA PROJECT NO: 092823-3A
 GTA SAMPLE NO: 1
 DATE SAMPLED: 9/27/2023
 TIME SAMPLED: 9:30 AM
 DATE RECEIVED: 9/28/2023
 TIME RECEIVED: 9:25 AM

SAMPLED BY: PETER KALLIOINEN/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 Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		9/30/2023	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



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COMPANY: LAMBDA ENERGY RESOURCES, LLC
 PROJECT NO: 2018100142.03
 LOCATION: WEDHOLM MCCAGUE 1-31
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: VAP-101 (5'-10')

GTA PROJECT NO: 092823-3A
 GTA SAMPLE NO: 3
 DATE SAMPLED: 9/27/2023
 TIME SAMPLED: 10:06 AM
 DATE RECEIVED: 9/28/2023
 TIME RECEIVED: 9:25 AM

SAMPLED BY: PETER KALLIOINEN/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 Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		9/30/2023	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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 LOD = LIMIT OF DETECTION

COMPANY: LAMBDA ENERGY RESOURCES, LLC

PROJECT NO: 2018100142.03

LOCATION: WEDHOLM MCCAGUE 1-31

MI

SAMPLE MATRIX: WATER

SAMPLE ID: SUMP

GTA PROJECT NO: 092823-3A

GTA SAMPLE NO: 4

DATE SAMPLED: 9/27/2023

TIME SAMPLED: 10:38 AM

DATE RECEIVED: 9/28/2023

TIME RECEIVED: 9:25 AM

SAMPLED BY: PETER KALLIOINEN/GCES

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	1.0	ug/L (PPB)	MR		9/30/2023	EPA 5030B
Toluene	1.9	1.0					
Ethylbenzene	1.0	1.0					
Xylene(Total)	3.1	3.0					
1,2,4-Trimethylbenzene	5.8	1.0					
1,3,5-Trimethylbenzene	2.5	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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LOD = LIMIT OF DETECTION

COMPANY: LAMBDA ENERGY RESOURCES, LLC
 PROJECT NO: 2018100142.03
 LOCATION: WEDHOLM MCCAGUE 1-31

GTA PROJECT NO: 092823-3A
 GTA SAMPLE NO: 2
 DATE SAMPLED: 9/27/2023
 TIME SAMPLED: 9:53 AM
 DATE RECEIVED: 9/28/2023
 TIME RECEIVED: 9:25 AM

MI
 SAMPLED BY: PETER KALLIOINEN/GCES

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: VAP-101 (15'-20') CHLORIDE EPA 300.0	70	10	mg/L (PPM)	KC/TR	10/5/2023	WATER

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

COMPANY: LAMBDA ENERGY RESOURCES, LLC
 PROJECT NO: 2018100142.03
 LOCATION: WEDHOLM MCCAGUE 1-31

GTA PROJECT NO: 092823-3A
 GTA SAMPLE NO: 3
 DATE SAMPLED: 9/27/2023
 TIME SAMPLED: 10:06 AM
 DATE RECEIVED: 9/28/2023
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MI
 SAMPLED BY: PETER KALLIOINEN/GCES

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: VAP-101 (5'-10') CHLORIDE EPA 300.0	66	10	mg/L (PPM)	KC/TR	10/5/2023	WATER

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: 2018100142.03
 LOCATION: WEDHOLM MCCAGUE 1-31

GTA PROJECT NO: 092823-3A
 GTA SAMPLE NO: 4
 DATE SAMPLED: 9/27/2023
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MI
 SAMPLED BY: PETER KALLIOINEN/GCES

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:	SUMP	590	50	mg/L (PPM)	KC/TR	10/5/2023	WATER
	CHLORIDE EPA 300.0						

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

