

**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: 24-072

Site Addr: MAPLE GROVE 8-INCH BLVL RELEASE

GTA ProjNo: 071924-10

Sampled By: AP/OMPC

Date Rec: 7/19/2024

Time Rec: 3:50 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-1	7/19/2024	10:30 AM	WATER
2	MW-2	7/19/2024	12:30 PM	WATER
3	MW-3	7/19/2024	11:40 AM	WATER
4	MW-5	7/19/2024	11:25 AM	WATER
5	MW-6	7/19/2024	11:15 AM	WATER
6	MW-7	7/19/2024	10:50 AM	WATER
7	MW-8	7/19/2024	1:50 PM	WATER
8	TMW-3	7/19/2024	1:15 PM	WATER
9	TMW-4	7/19/2024	1:30 PM	WATER
10	TMW-5	7/19/2024	1:40 PM	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
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COMPANY: LAMBDA ENERGY RESOURCES, LLC
PROJECT NO: 24-072
LOCATION: MAPLE GROVE 8-INCH BLVL RELEASE
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-1

GTA PROJECT NO: 071924-10
GTA SAMPLE NO: 1
DATE SAMPLED: 7/19/2024
TIME SAMPLED: 10:30 AM
DATE RECEIVED: 7/19/2024
TIME RECEIVED: 3:50 PM
SAMPLED BY: AP/OMPC

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	270	25	ug/L (PPB)	MR		7/22/2024	EPA 5030B
Toluene	3,500	25					
Ethylbenzene	550	25					
Xylene(Total)	2,100	75					
1,2,4-Trimethylbenzene	380	25					
1,3,5-Trimethylbenzene	92	1.0					
Naphthalene	9.4	5.0					
2-Methylnaphthalene	16	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	GTA PROJECT NO:	071924-10
PROJECT NO:	24-072	GTA SAMPLE NO:	2
LOCATION:	MAPLE GROVE 8-INCH BLVL RELEASE	DATE SAMPLED:	7/19/2024
		TIME SAMPLED:	12:30 PM
		DATE RECEIVED:	7/19/2024
	MI	TIME RECEIVED:	3:50 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-2	SAMPLED BY:	AP/OMPC

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	110	1.0	ug/L (PPB)	MR		7/22/2024	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	1.6	1.0					
Xylene(Total)	170	3.0					
1,2,4-Trimethylbenzene	34	1.0					
1,3,5-Trimethylbenzene	6.1	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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COMPANY:	LAMBDA ENERGY RESOURCES, LLC	GTA PROJECT NO:	071924-10
PROJECT NO:	24-072	GTA SAMPLE NO:	3
LOCATION:	MAPLE GROVE 8-INCH BLVL RELEASE	DATE SAMPLED:	7/19/2024
		TIME SAMPLED:	11:40 AM
		DATE RECEIVED:	7/19/2024
	MI	TIME RECEIVED:	3:50 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-3	SAMPLED BY:	AP/OMPC

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		7/21/2024	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	GTA PROJECT NO:	071924-10
PROJECT NO:	24-072	GTA SAMPLE NO:	4
LOCATION:	MAPLE GROVE 8-INCH BLVL RELEASE	DATE SAMPLED:	7/19/2024
		TIME SAMPLED:	11:25 AM
		DATE RECEIVED:	7/19/2024
	MI	TIME RECEIVED:	3:50 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-5	SAMPLED BY:	AP/OMPC

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		7/21/2024	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: 24-072
LOCATION: MAPLE GROVE 8-INCH BLVL RELEASE
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-6

GTA PROJECT NO: 071924-10
GTA SAMPLE NO: 5
DATE SAMPLED: 7/19/2024
TIME SAMPLED: 11:15 AM
DATE RECEIVED: 7/19/2024
TIME RECEIVED: 3:50 PM
SAMPLED BY: AP/OMPC

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	83	1.0	ug/L (PPB)	MR		7/22/2024	EPA 5030B
Toluene	760	20					
Ethylbenzene	240	20					
Xylene(Total)	1,200	60					
1,2,4-Trimethylbenzene	270	20					
1,3,5-Trimethylbenzene	71	1.0					
Naphthalene	10	5.0					
2-Methylnaphthalene	15	5.0					

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COMPANY:	LAMBDA ENERGY RESOURCES, LLC	GTA PROJECT NO:	071924-10
PROJECT NO:	24-072	GTA SAMPLE NO:	6
LOCATION:	MAPLE GROVE 8-INCH BLVL RELEASE	DATE SAMPLED:	7/19/2024
		TIME SAMPLED:	10:50 AM
		DATE RECEIVED:	7/19/2024
	MI	TIME RECEIVED:	3:50 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-7	SAMPLED BY:	AP/OMPC

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	6.2	1.0	ug/L (PPB)	MR		7/22/2024	EPA 5030B
Toluene	38	1.0					
Ethylbenzene	34	1.0					
Xylene(Total)	190	3.0					
1,2,4-Trimethylbenzene	140	1.0					
1,3,5-Trimethylbenzene	39	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: 24-072
LOCATION: MAPLE GROVE 8-INCH BLVL RELEASE
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-8

GTA PROJECT NO: 071924-10
GTA SAMPLE NO: 7
DATE SAMPLED: 7/19/2024
TIME SAMPLED: 1:50 PM
DATE RECEIVED: 7/19/2024
TIME RECEIVED: 3:50 PM
SAMPLED BY: AP/OMPC

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	2.4	1.0	ug/L (PPB)	MR		7/22/2024	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	5.5	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	GTA PROJECT NO:	071924-10
PROJECT NO:	24-072	GTA SAMPLE NO:	8
LOCATION:	MAPLE GROVE 8-INCH BLVL RELEASE	DATE SAMPLED:	7/19/2024
		TIME SAMPLED:	1:15 PM
		DATE RECEIVED:	7/19/2024
	MI	TIME RECEIVED:	3:50 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	TMW-3	SAMPLED BY:	AP/OMPC

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		7/21/2024	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: 24-072
LOCATION: MAPLE GROVE 8-INCH BLVL RELEASE
MI
SAMPLE MATRIX: WATER
SAMPLE ID: TMW-4

GTA PROJECT NO: 071924-10
GTA SAMPLE NO: 9
DATE SAMPLED: 7/19/2024
TIME SAMPLED: 1:30 PM
DATE RECEIVED: 7/19/2024
TIME RECEIVED: 3:50 PM
SAMPLED BY: AP/OMPC

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		7/21/2024	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: 24-072
LOCATION: MAPLE GROVE 8-INCH BLVL RELEASE
MI
SAMPLE MATRIX: WATER
SAMPLE ID: TMW-5

GTA PROJECT NO: 071924-10
GTA SAMPLE NO: 10
DATE SAMPLED: 7/19/2024
TIME SAMPLED: 1:40 PM
DATE RECEIVED: 7/19/2024
TIME RECEIVED: 3:50 PM
SAMPLED BY: AP/OMPC

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		7/21/2024	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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CHAIN OF CUSTODY

PROJECT NUMBER 24-072	SITE NAME/ADDRESS Maple Grove 8-inch BLVL Release	COMPANY/NAME Ottwell Mawby P.C.
SAMPLED BY Andrew Puffratt	COMPANY Ottwell Mawby P.C.	GTA PROJECT # 071924-10

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	MW-1	7/19/24	10:30	H ₂ O	HIPS
2	MW-2		12:30		
3	MW-3		11:40		
4	MW-5		11:25		
5	MW-6		11:15		
6	MW-7		10:50		
7	MW-8		13:50		
8	TMW-3		13:15		
9	TMW-4		13:30		
10	TMW-5		13:40		

BILL TO: OMPC	TempRec: ☐ 9.7°C	On Ice? ☒ Y ☐ N	REPORT TO: Dan Barton dbarton@ottwellmawby.com 231-946-5200
RELEASED BY Andrew Puffratt	DATE/TIME 7/19/24 3:50p	RECEIVED BY K. L. L.	DATE/TIME 7/19/24 3:50p
REQUESTED TAT ☒ STANDARD ☐ 1 BUSINESS DAY ☐ 2 BUSINESS DAYS ☐ 3 BUSINESS DAYS			