



**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

[www.gtanalytical.com](http://www.gtanalytical.com)

Company: MILLER ENERGY COMPANY II, LLC  
Name:  
ClientProj: 2021704006.07  
GTA ProjNo: 092823-15

Site Addr: ROSEBUSH BIOCELL-BC-7

Sampled By: JOSHUA GERRIE/GCES  
Date Rec: 9/28/2023  
Time Rec: 10:55 AM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-3	9/28/2023		WATER
2	MW-4	9/28/2023		WATER
3	MW-5	9/28/2023		WATER
4	BW-1	9/28/2023		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  
Ph: 231-929-0905  
Fx: 231-929-0894  
SP: 231-590-0291  
[kirk@gtanalytical.com](mailto:kirk@gtanalytical.com)



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COMPANY: MILLER ENERGY COMPANY II, LLC  
 PROJECT NO: 2021704006.07  
 LOCATION: ROSEBUSH BIOCELL-BC-7  
 MI  
 SAMPLE MATRIX: WATER  
 SAMPLE ID: MW-3

GTA PROJECT NO: 092823-15  
 GTA SAMPLE NO: 1  
 DATE SAMPLED: 9/28/2023  
 TIME SAMPLED:  
 DATE RECEIVED: 9/28/2023  
 TIME RECEIVED: 10:55 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</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	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					

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



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COMPANY: MILLER ENERGY COMPANY II, LLC  
PROJECT NO: 2021704006.07  
LOCATION: ROSEBUSH BIOCELL-BC-7  
MI  
SAMPLE MATRIX: WATER  
SAMPLE ID: MW-4  
GTA PROJECT NO: 092823-15  
GTA SAMPLE NO: 2  
DATE SAMPLED: 9/28/2023  
TIME SAMPLED:  
DATE RECEIVED: 9/28/2023  
TIME RECEIVED: 10:55 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 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					

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PROJECT NO: 2021704006.07  
LOCATION: ROSEBUSH BIOCELL-BC-7  
MI  
SAMPLE MATRIX: WATER  
SAMPLE ID: MW-5

GTA PROJECT NO: 092823-15  
GTA SAMPLE NO: 3  
DATE SAMPLED: 9/28/2023  
TIME SAMPLED:  
DATE RECEIVED: 9/28/2023  
TIME RECEIVED: 10:55 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</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	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.  
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COMPANY: MILLER ENERGY COMPANY II, LLC  
 PROJECT NO: 2021704006.07  
 LOCATION: ROSEBUSH BIOCELL-BC-7  
 MI  
 SAMPLE MATRIX: WATER  
 SAMPLE ID: BW-1

GTA PROJECT NO: 092823-15  
 GTA SAMPLE NO: 4  
 DATE SAMPLED: 9/28/2023  
 TIME SAMPLED:  
 DATE RECEIVED: 9/28/2023  
 TIME RECEIVED: 10:55 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</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	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.  
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COMPANY: MILLER ENERGY COMPANY II, LLC  
PROJECT NO: 2021704006.07  
LOCATION: ROSEBUSH BIOCELL-BC-7

GTA PROJECT NO: 092823-15  
GTA SAMPLE NO: 1

DATE SAMPLED: 9/28/2023  
TIME SAMPLED:  
DATE RECEIVED: 9/28/2023  
TIME RECEIVED: 10:55 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 Completed</u>	<u>Sample Matrix</u>
SAMPLE ID: MW-3	CHLORIDE EPA 300.0	570	50	mg/L (PPM)	KC	10/6/2023	WATER

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

COMPANY: MILLER ENERGY COMPANY II, LLC  
 PROJECT NO: 2021704006.07  
 LOCATION: ROSEBUSH BIOCELL-BC-7  
 MI  
 SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 092823-15  
 GTA SAMPLE NO: 2  
 DATE SAMPLED: 9/28/2023  
 TIME SAMPLED:  
 DATE RECEIVED: 9/28/2023  
 TIME RECEIVED: 10:55 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: MW-4	CHLORIDE EPA 300.0	36	10	mg/L (PPM)	KC	10/6/2023	WATER

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

COMPANY: MILLER ENERGY COMPANY II, LLC  
 PROJECT NO: 2021704006.07  
 LOCATION: ROSEBUSH BIOCELL-BC-7

GTA PROJECT NO: 092823-15  
 GTA SAMPLE NO: 3  
 DATE SAMPLED: 9/28/2023  
 TIME SAMPLED:  
 DATE RECEIVED: 9/28/2023  
 TIME RECEIVED: 10:55 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 Completed</u>	<u>Sample Matrix</u>
SAMPLE ID:	MW-5	26	10	mg/L (PPM)	KC	10/6/2023	WATER
	CHLORIDE EPA 300.0						

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 LOD = LIMIT OF DETECTION  
 s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: MILLER ENERGY COMPANY II, LLC  
 PROJECT NO: 2021704006.07  
 LOCATION: ROSEBUSH BIOCELL-BC-7

GTA PROJECT NO: 092823-15  
 GTA SAMPLE NO: 4

DATE SAMPLED: 9/28/2023  
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 DATE RECEIVED: 9/28/2023  
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MI  
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**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: <b>BW-1</b>	CHLORIDE EPA 300.0	94	10	mg/L (PPM)	KC	10/6/2023	WATER

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

