



INDEPENDENT TESTING LAB

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

Company: MILLER ENERGY COMPANY II, LLC
Name:
ClientProj: 2021704006.02
GTA ProjNo: 051123-17

Site Addr: COLDWATER BIOCELL

Sampled By: BRENDAN RUPPEN/GCES
Date Rec: 5/11/2023
Time Rec: 3:30 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-1	5/11/2023	10:40 AM	WATER
2	MW-2	5/11/2023	10:55 AM	WATER
3	MW-3	5/11/2023	11:05 AM	WATER
4	BW-1	5/11/2023	11:10 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: MILLER ENERGY COMPANY II, LLC

PROJECT NO: 2021704006.02

LOCATION: COLDWATER BIOCELL

MI

SAMPLE MATRIX: WATER

SAMPLE ID: MW-1

GTA PROJECT NO: 051123-17

GTA SAMPLE NO: 1

DATE SAMPLED: 5/11/2023

TIME SAMPLED: 10:40 AM

DATE RECEIVED: 5/11/2023

TIME RECEIVED: 3:30 PM

SAMPLED BY: BRENDAN RUPPEN/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		5/12/2023	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: 2021704006.02
LOCATION: COLDWATER BIOCELL
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-2
GTA PROJECT NO: 051123-17
GTA SAMPLE NO: 2
DATE SAMPLED: 5/11/2023
TIME SAMPLED: 10:55 AM
DATE RECEIVED: 5/11/2023
TIME RECEIVED: 3:30 PM
SAMPLED BY: BRENDAN RUPPEN/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		5/12/2023	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: 2021704006.02
LOCATION: COLDWATER BIOCELL
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-3
GTA PROJECT NO: 051123-17
GTA SAMPLE NO: 3
DATE SAMPLED: 5/11/2023
TIME SAMPLED: 11:05 AM
DATE RECEIVED: 5/11/2023
TIME RECEIVED: 3:30 PM
SAMPLED BY: BRENDAN RUPPEN/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		5/12/2023	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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LOD = LIMIT OF DETECTION

COMPANY: MILLER ENERGY COMPANY II, LLC
 PROJECT NO: 2021704006.02
 LOCATION: COLDWATER BIOCELL
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: BW-1

GTA PROJECT NO: 051123-17
 GTA SAMPLE NO: 4
 DATE SAMPLED: 5/11/2023
 TIME SAMPLED: 11:10 AM
 DATE RECEIVED: 5/11/2023
 TIME RECEIVED: 3:30 PM

SAMPLED BY: BRENDAN RUPPEN/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		5/13/2023	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

COMPANY: MILLER ENERGY COMPANY II, LLC
 PROJECT NO: 2021704006.02
 LOCATION: COLDWATER BIOCELL

GTA PROJECT NO: 051123-17
 GTA SAMPLE NO: 1

DATE SAMPLED: 5/11/2023
 TIME SAMPLED: 10:40 AM
 DATE RECEIVED: 5/11/2023
 TIME RECEIVED: 3:30 PM

MI
 SAMPLED BY: BRENDAN RUPPEN/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-1	CHLORIDE EPA 300.0	17	10	mg/L (PPM)	KC/TR	5/19/2023	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: 2021704006.02
 LOCATION: COLDWATER BIOCELL

GTA PROJECT NO: 051123-17
 GTA SAMPLE NO: 2
 DATE SAMPLED: 5/11/2023
 TIME SAMPLED: 10:55 AM
 DATE RECEIVED: 5/11/2023
 TIME RECEIVED: 3:30 PM

MI
 SAMPLED BY: BRENDAN RUPPEN/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-2	CHLORIDE EPA 300.0	460	10	mg/L (PPM)	KC/TR	5/19/2023	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: 2021704006.02
 LOCATION: COLDWATER BIOCELL

GTA PROJECT NO: 051123-17
 GTA SAMPLE NO: 3

DATE SAMPLED: 5/11/2023
 TIME SAMPLED: 11:05 AM
 DATE RECEIVED: 5/11/2023
 TIME RECEIVED: 3:30 PM

MI
 SAMPLED BY: BRENDAN RUPPEN/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	ND	10	mg/L (PPM)	KC/TR	5/19/2023	WATER

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COMPANY: MILLER ENERGY COMPANY II, LLC
PROJECT NO: 2021704006.02
LOCATION: COLDWATER BIOCELL

GTA PROJECT NO: 051123-17
GTA SAMPLE NO: 4

DATE SAMPLED: 5/11/2023
TIME SAMPLED: 11:10 AM
DATE RECEIVED: 5/11/2023
TIME RECEIVED: 3:30 PM

MI
SAMPLED BY: BRENDAN RUPPEN/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: BW-1	CHLORIDE EPA 300.0	240	10	mg/L (PPM)	KC/TR	5/19/2023	WATER

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

