



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: 2020704003.01
GTA ProjNo: 120722-10

Site Addr: S. BUCKEYE
Sampled By: DJT/GCES
Date Rec: 12/7/2022
Time Rec: 3:53 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-3	12/7/2022	10:20 AM	WATER
2	MW-7S	12/7/2022	10:30 AM	WATER
3	MW-7D	12/7/2022	10:40 AM	WATER
4	MW-1	12/7/2022	10:55 AM	WATER
5	MW-4	12/7/2022	11:05 AM	WATER
6	MW-2	12/7/2022	11:15 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

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COMPANY: MILLER ENERGY COMPANY II, LLC
PROJECT NO: 2020704003.01
LOCATION: S. BUCKEYE
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-7D

GTA PROJECT NO: 120722-10
GTA SAMPLE NO: 3
DATE SAMPLED: 12/7/2022
TIME SAMPLED: 10:40 AM
DATE RECEIVED: 12/7/2022
TIME RECEIVED: 3:53 PM
SAMPLED BY: DJT/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		12/9/2022	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: 2020704003.01
LOCATION: S. BUCKEYE
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-1

GTA PROJECT NO: 120722-10
GTA SAMPLE NO: 4
DATE SAMPLED: 12/7/2022
TIME SAMPLED: 10:55 AM
DATE RECEIVED: 12/7/2022
TIME RECEIVED: 3:53 PM
SAMPLED BY: DJT/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		12/9/2022	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: 2020704003.01
 LOCATION: S. BUCKEYE

GTA PROJECT NO: 120722-10
 GTA SAMPLE NO: 1

DATE SAMPLED: 12/7/2022
 TIME SAMPLED: 10:20 AM
 DATE RECEIVED: 12/7/2022
 TIME RECEIVED: 3:53 PM

MI
 SAMPLED BY: DJT/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	380	10	mg/L (PPM)	KC/TR	12/12/2022	WATER

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

COMPANY: MILLER ENERGY COMPANY II, LLC
 PROJECT NO: 2020704003.01
 LOCATION: S. BUCKEYE

GTA PROJECT NO: 120722-10
 GTA SAMPLE NO: 2

DATE SAMPLED: 12/7/2022
 TIME SAMPLED: 10:30 AM
 DATE RECEIVED: 12/7/2022
 TIME RECEIVED: 3:53 PM

MI
 SAMPLED BY: DJT/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-7S	470	10	mg/L (PPM)	KC/TR	12/12/2022	WATER
	CHLORIDE EPA 300.0						

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: 2020704003.01
 LOCATION: S. BUCKEYE

GTA PROJECT NO: 120722-10
 GTA SAMPLE NO: 3
 DATE SAMPLED: 12/7/2022
 TIME SAMPLED: 10:40 AM
 DATE RECEIVED: 12/7/2022
 TIME RECEIVED: 3:53 PM

MI
 SAMPLED BY: DJT/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-7D	CHLORIDE EPA 300.0	1,200	50	mg/L (PPM)	KC/TR	12/12/2022	WATER

ND = NOT DETECTED, RESULT < LOD
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COMPANY: MILLER ENERGY COMPANY II, LLC
 PROJECT NO: 2020704003.01
 LOCATION: S. BUCKEYE

GTA PROJECT NO: 120722-10
 GTA SAMPLE NO: 4
 DATE SAMPLED: 12/7/2022
 TIME SAMPLED: 10:55 AM
 DATE RECEIVED: 12/7/2022
 TIME RECEIVED: 3:53 PM

MI
 SAMPLED BY: DJT/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	720	50	mg/L (PPM)	KC/TR	12/12/2022	WATER
	CONDUCTIVITY SM2510-B	2,900	1.0	uS/cm@25C	TR	12/11/2022	WATER

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

COMPANY: MILLER ENERGY COMPANY II, LLC

PROJECT NO: 2020704003.01

LOCATION: S. BUCKEYE

GTA PROJECT NO: 120722-10

GTA SAMPLE NO: 5

DATE SAMPLED: 12/7/2022

TIME SAMPLED: 11:05 AM

DATE RECEIVED: 12/7/2022

TIME RECEIVED: 3:53 PM

MI

SAMPLED BY: DJT/GCES

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-4

CHLORIDE EPA 300.0

<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
ND	10	mg/L (PPM)	KC/TR	12/12/2022	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: 2020704003.01
 LOCATION: S. BUCKEYE

GTA PROJECT NO: 120722-10
 GTA SAMPLE NO: 6

DATE SAMPLED: 12/7/2022
 TIME SAMPLED: 11:15 AM
 DATE RECEIVED: 12/7/2022
 TIME RECEIVED: 3:53 PM

MI
 SAMPLED BY: DJT/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	33	10	mg/L (PPM)	KC/TR	12/12/2022	WATER

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

