



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: 051723-5

Site Addr: S. BUCKEYE
Sampled By: TSA/GCES
Date Rec: 5/17/2023
Time Rec: 1:00 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-4	5/16/2023	10:45 AM	WATER
2	MW-3	5/16/2023	10:55 AM	WATER
3	MW-2	5/16/2023	11:10 AM	WATER
4	MW-7S	5/16/2023	11:20 AM	WATER
5	MW-7D	5/16/2023	11:25 AM	WATER
6	MW-1	5/16/2023	11:40 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-1

GTA PROJECT NO: 051723-5
 GTA SAMPLE NO: 6
 DATE SAMPLED: 5/16/2023
 TIME SAMPLED: 11:40 AM
 DATE RECEIVED: 5/17/2023
 TIME RECEIVED: 1:00 PM

SAMPLED BY: TSA/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		5/18/2023	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: 2020704003.01
 LOCATION: S. BUCKEYE

GTA PROJECT NO: 051723-5
 GTA SAMPLE NO: 1
 DATE SAMPLED: 5/16/2023
 TIME SAMPLED: 10:45 AM
 DATE RECEIVED: 5/17/2023
 TIME RECEIVED: 1:00 PM

MI
 SAMPLED BY: TSA/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-4						
	CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	KC/TR	5/23/2023	WATER
	CONDUCTIVITY SM2510-B	130	1.0	uS/cm@25C	TR	5/22/2023	WATER

ND = NOT DETECTED, RESULT < LOD
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 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: 051723-5
 GTA SAMPLE NO: 2
 DATE SAMPLED: 5/16/2023
 TIME SAMPLED: 10:55 AM
 DATE RECEIVED: 5/17/2023
 TIME RECEIVED: 1:00 PM

MI
 SAMPLED BY: TSA/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	170	10	mg/L (PPM)	KC/TR	5/23/2023	WATER
	CONDUCTIVITY SM2510-B	700	1.0	uS/cm@25C	TR	5/22/2023	WATER

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

GTA PROJECT NO: 051723-5
GTA SAMPLE NO: 3
DATE SAMPLED: 5/16/2023
TIME SAMPLED: 11:10 AM
DATE RECEIVED: 5/17/2023
TIME RECEIVED: 1:00 PM

MI
SAMPLED BY: TSA/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	36	10	mg/L (PPM)	KC/TR	5/23/2023	WATER
	CONDUCTIVITY SM2510-B	280	1.0	uS/cm@25C	TR	5/22/2023	WATER

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

GTA PROJECT NO: 051723-5
 GTA SAMPLE NO: 4
 DATE SAMPLED: 5/16/2023
 TIME SAMPLED: 11:20 AM
 DATE RECEIVED: 5/17/2023
 TIME RECEIVED: 1:00 PM

MI
 SAMPLED BY: TSA/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						
	CHLORIDE EPA 300.0	120	10	mg/L (PPM)	KC/TR	5/23/2023	WATER
	CONDUCTIVITY SM2510-B	1,100	1.0	uS/cm@25C	TR	5/22/2023	WATER

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LOCATION: S. BUCKEYE

GTA PROJECT NO: 051723-5
GTA SAMPLE NO: 5
DATE SAMPLED: 5/16/2023
TIME SAMPLED: 11:25 AM
DATE RECEIVED: 5/17/2023
TIME RECEIVED: 1:00 PM

MI
SAMPLED BY: TSA/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	400	10	mg/L (PPM)	KC/TR	5/23/2023	WATER
	CONDUCTIVITY SM2510-B	1,600	1.0	uS/cm@25C	TR	5/22/2023	WATER

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

GTA PROJECT NO: 051723-5
 GTA SAMPLE NO: 6
 DATE SAMPLED: 5/16/2023
 TIME SAMPLED: 11:40 AM
 DATE RECEIVED: 5/17/2023
 TIME RECEIVED: 1:00 PM

MI
 SAMPLED BY: TSA/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	880	50	mg/L (PPM)	KC/TR	5/23/2023	WATER
	CONDUCTIVITY SM2510-B	3,100	1.0	uS/cm@25C	TR	5/22/2023	WATER

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