



**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: 2020704003  
GTA ProjNo: 042125-8

Site Addr: S. BUCKEYE

Sampled By: JFR/GCES

Date Rec: 4/21/2025  
Time Rec: 3:30 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-1	4/21/2025	10:15 AM	WATER
2	MW-3	4/21/2025	10:25 AM	WATER
3	MW-7S	4/21/2025	10:35 AM	WATER
4	MW-7D	4/21/2025	10:45 AM	WATER
5	MW-4	4/21/2025	10:55 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: 2020704003  
LOCATION: S. BUCKEYE

MI

SAMPLE MATRIX: WATER  
SAMPLE ID: MW-1

GTA PROJECT NO: 042125-8  
GTA SAMPLE NO: 1

DATE SAMPLED: 4/21/2025  
TIME SAMPLED: 10:15 AM  
DATE RECEIVED: 4/21/2025  
TIME RECEIVED: 3:30 PM

SAMPLED BY: JFR/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		4/22/2025	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  
 LOCATION: S. BUCKEYE

GTA PROJECT NO: 042125-8  
 GTA SAMPLE NO: 1  
 DATE SAMPLED: 4/21/2025  
 TIME SAMPLED: 10:15 AM  
 DATE RECEIVED: 4/21/2025  
 TIME RECEIVED: 3:30 PM

MI  
 SAMPLED BY: JFR/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	430	20	mg/L (PPM)	KC/TR	4/28/2025	WATER
	CONDUCTIVITY SM2510-B	1,800	1.0	uS/cm@25C	TR	4/28/2025	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  
 LOCATION: S. BUCKEYE

GTA PROJECT NO: 042125-8  
 GTA SAMPLE NO: 2  
 DATE SAMPLED: 4/21/2025  
 TIME SAMPLED: 10:25 AM  
 DATE RECEIVED: 4/21/2025  
 TIME RECEIVED: 3:30 PM

SAMPLED BY: MI  
 JFR/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	20	mg/L (PPM)	KC/TR	4/28/2025	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  
 LOCATION: S. BUCKEYE

GTA PROJECT NO: 042125-8  
 GTA SAMPLE NO: 3  
 DATE SAMPLED: 4/21/2025  
 TIME SAMPLED: 10:35 AM  
 DATE RECEIVED: 4/21/2025  
 TIME RECEIVED: 3:30 PM

SAMPLED BY: MI  
 JFR/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	180	20	mg/L (PPM)	KC/TR	4/28/2025	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  
 LOCATION: S. BUCKEYE

GTA PROJECT NO: 042125-8  
 GTA SAMPLE NO: 4  
 DATE SAMPLED: 4/21/2025  
 TIME SAMPLED: 10:45 AM  
 DATE RECEIVED: 4/21/2025  
 TIME RECEIVED: 3:30 PM

MI  
 SAMPLED BY: JFR/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	240	20	mg/L (PPM)	KC/TR	4/28/2025	WATER

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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: 2020704003  
 LOCATION: S. BUCKEYE

GTA PROJECT NO: 042125-8  
 GTA SAMPLE NO: 5  
 DATE SAMPLED: 4/21/2025  
 TIME SAMPLED: 10:55 AM  
 DATE RECEIVED: 4/21/2025  
 TIME RECEIVED: 3:30 PM

SAMPLED BY: MI  
 JFR/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	20	mg/L (PPM)	KC/TR	4/28/2025	WATER

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

