



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: 100223-4

Site Addr: S. BUCKEYE
Sampled By: TSA/GCES
Date Rec: 10/2/2023
Time Rec: 3:40 PM

| Sample No. | Sample ID | Date Sampled | Time Sampled | Sample Matrix |
|------------|-----------|--------------|--------------|---------------|
| 1 | MW-4 | 10/2/2023 | 11:20 AM | WATER |
| 2 | MW-3 | 10/2/2023 | 11:26 AM | WATER |
| 3 | MW-2 | 10/2/2023 | 11:32 AM | WATER |
| 4 | MW-7S | 10/2/2023 | 11:40 AM | WATER |
| 5 | MW-7D | 10/2/2023 | 11:48 AM | WATER |
| 6 | MW-1 | 10/2/2023 | 11:55 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: 2020704003.01
LOCATION: S. BUCKEYE
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-7D

GTA PROJECT NO: 100223-4
GTA SAMPLE NO: 5
DATE SAMPLED: 10/2/2023
TIME SAMPLED: 11:48 AM
DATE RECEIVED: 10/2/2023
TIME RECEIVED: 3:40 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</u> <u>Extracted</u> | <u>Date</u> <u>Completed</u> | <u>Prep Method</u> |
|-----------------|----------------------|------------|--------------|----------------|---------------------------------|---------------------------------|--------------------|
| Benzene | ND | 1.0 | ug/L (PPB) | MR | | 10/5/2023 | 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

GTA PROJECT NO: 100223-4

PROJECT NO: 2020704003.01

GTA SAMPLE NO: 6

LOCATION: S. BUCKEYE

DATE SAMPLED: 10/2/2023

TIME SAMPLED: 11:55 AM

MI

DATE RECEIVED: 10/2/2023

TIME RECEIVED: 3:40 PM

SAMPLE MATRIX: WATER

SAMPLE ID: MW-1

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</u> <u>Extracted</u> | <u>Date</u> <u>Completed</u> | <u>Prep Method</u> |
|-----------------|----------------------|------------|--------------|----------------|---------------------------------|---------------------------------|--------------------|
| Benzene | ND | 1.0 | ug/L (PPB) | MR | | 10/5/2023 | EPA 5030B |
| Toluene | ND | 1.0 | | | | | |
| Ethylbenzene | ND | 1.0 | | | | | |
| Xylene(Total) | ND | 3.0 | | | | | |

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

GTA PROJECT NO: 100223-4
GTA SAMPLE NO: 1
DATE SAMPLED: 10/2/2023
TIME SAMPLED: 11:20 AM
DATE RECEIVED: 10/2/2023
TIME RECEIVED: 3:40 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 | 10/11/2023 | WATER |
| | CONDUCTIVITY SM2510-B | 220 | 1.0 | uS/cm@25C | TR | 10/10/2023 | WATER |

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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: 100223-4
 GTA SAMPLE NO: 2
 DATE SAMPLED: 10/2/2023
 TIME SAMPLED: 11:26 AM
 DATE RECEIVED: 10/2/2023
 TIME RECEIVED: 3:40 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 | 420 | 10 | mg/L (PPM) | KC/TR | 10/11/2023 | WATER |
| | CONDUCTIVITY SM2510-B | 1,400 | 1.0 | uS/cm@25C | TR | 10/10/2023 | WATER |

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

GTA PROJECT NO: 100223-4
 GTA SAMPLE NO: 3
 DATE SAMPLED: 10/2/2023
 TIME SAMPLED: 11:32 AM
 DATE RECEIVED: 10/2/2023
 TIME RECEIVED: 3:40 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 | ND | 10 | mg/L (PPM) | KC/TR | 10/11/2023 | WATER |
| | CONDUCTIVITY SM2510-B | 240 | 1.0 | uS/cm@25C | TR | 10/10/2023 | WATER |

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

GTA PROJECT NO: 100223-4
 GTA SAMPLE NO: 4
 DATE SAMPLED: 10/2/2023
 TIME SAMPLED: 11:40 AM
 DATE RECEIVED: 10/2/2023
 TIME RECEIVED: 3:40 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 | 320 | 10 | mg/L (PPM) | KC/TR | 10/11/2023 | WATER |
| | CONDUCTIVITY SM2510-B | 1,400 | 1.0 | uS/cm@25C | TR | 10/10/2023 | WATER |

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COMPANY: MILLER ENERGY COMPANY II, LLC
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 LOCATION: S. BUCKEYE

GTA PROJECT NO: 100223-4
 GTA SAMPLE NO: 5
 DATE SAMPLED: 10/2/2023
 TIME SAMPLED: 11:48 AM
 DATE RECEIVED: 10/2/2023
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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 | 450 | 10 | mg/L (PPM) | KC/TR | 10/11/2023 | WATER |
| | CONDUCTIVITY SM2510-B | 1,800 | 1.0 | uS/cm@25C | TR | 10/10/2023 | WATER |

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 LOCATION: S. BUCKEYE

GTA PROJECT NO: 100223-4
 GTA SAMPLE NO: 6
 DATE SAMPLED: 10/2/2023
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 TIME RECEIVED: 3:40 PM

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: MW-1 | | | | | | |
| | CHLORIDE EPA 300.0 | 710 | 50 | mg/L (PPM) | KC/TR | 10/11/2023 | WATER |
| | CONDUCTIVITY SM2510-B | 2,800 | 1.0 | uS/cm@25C | TR | 10/10/2023 | WATER |

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