



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: 2021704009
GTA ProjNo: 051123-20

Site Addr: NIETZKE #4
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 | 5/10/2023 | 10:45 AM | WATER |
| 2 | MW-2 | 5/10/2023 | 11:00 AM | WATER |
| 3 | MW-3 | 5/10/2023 | 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

Kirk L. Chase/Chemist
Grand Traverse Analytical
830 Robinwood Court
Traverse City, MI 49686
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kirk@gtanalytical.com

COMPANY: MILLER ENERGY COMPANY II, LLC
 PROJECT NO: 2021704009
 LOCATION: NIETZKE #4

GTA PROJECT NO: 051123-20
 GTA SAMPLE NO: 1

DATE SAMPLED: 5/10/2023
 TIME SAMPLED: 10:45 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 | 140 | 10 | mg/L (PPM) | KC/TR | 5/21/2023 | WATER |
| | TOTAL DISSOLVED SOLIDS EPA 160.1 | 1,300 | 5.0 | mg/L (PPM) | TR | 5/16/2023 | WATER |

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



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COMPANY: MILLER ENERGY COMPANY II, LLC
PROJECT NO: 2021704009
LOCATION: NIETZKE #4

GTA PROJECT NO: 051123-20
GTA SAMPLE NO: 2
DATE SAMPLED: 5/10/2023
TIME SAMPLED: 11:00 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 | 62 | 10 | mg/L (PPM) | KC/TR | 5/21/2023 | WATER |
| | TOTAL DISSOLVED SOLIDS EPA 160.1 | 420 | 5.0 | mg/L (PPM) | TR | 5/16/2023 | WATER |

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COMPANY: MILLER ENERGY COMPANY II, LLC
PROJECT NO: 2021704009
LOCATION: NIETZKE #4

GTA PROJECT NO: 051123-20
GTA SAMPLE NO: 3
DATE SAMPLED: 5/10/2023
TIME SAMPLED: 11:15 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 | 300 | 10 | mg/L (PPM) | KC/TR | 5/21/2023 | WATER |
| | TOTAL DISSOLVED SOLIDS EPA 160.1 | 1,100 | 5.0 | mg/L (PPM) | TR | 5/16/2023 | WATER |

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LOD = LIMIT OF DETECTION
s.u. = STANDARD pH UNITS REPORTED AT 25 C
DISS = DISSOLVED

