



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: QUARTERLY INJECTION FLUID ANALYSIS -
GTA ProjNo: 062922-10

Site Addr: EPA-UIC ANALYSIS
Sampled By: DEAN YOST/MECII
Date Rec: 6/29/2022
Time Rec: 10:00 AM

| Sample No. | Sample ID | Date Sampled | Time Sampled | Sample Matrix |
|------------|--------------------|--------------|--------------|---------------|
| 1 | MT. PLEASANT 54-1 | 6/23/2022 | 8:00 AM | WATER |
| 2 | MT. PLEASANT 53-2 | 6/23/2022 | 8:10 AM | WATER |
| 3 | MT. PLEASANT 52-2 | 6/23/2022 | 8:15 AM | WATER |
| 4 | MT. PLEASANT 122-4 | 6/23/2022 | 8:23 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
Ph: 231-929-0905
Fx: 231-929-0894
SP: 231-590-0291
kirk@gtanalytical.com



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| | | | |
|-------------|--------------------------------------|-----------------|-----------|
| COMPANY: | MILLER ENERGY COMPANY II, LLC | GTA PROJECT NO: | 062922-10 |
| PROJECT NO: | QUARTERLY INJECTION FLUID ANALYSIS - | GTA SAMPLE NO: | 1 |
| LOCATION: | EPA-UIC ANALYSIS | DATE SAMPLED: | 6/23/2022 |
| | | TIME SAMPLED: | 8:00 AM |
| | | DATE RECEIVED: | 6/29/2022 |
| | MI | TIME RECEIVED: | 10:00 AM |
| SAMPLED BY: | DEAN YOST/MECH | SAMPLE MATRIX: | WATER |
| SAMPLE ID: | MT. PLEASANT 54-1 | | |

METALS

| <u>Analysis</u> | <u>Concentration</u> | <u>LOD</u> | <u>Units</u> | <u>Analyst</u> | <u>Date Completed</u> | <u>Digestion Method</u> |
|--------------------------|----------------------|------------|--------------|----------------|-----------------------|-------------------------|
| BARIUM DISS EPA 6020A | ND | 1.0 | mg/L (PPM) | MR | 7/21/2022 | EPA 3005A |
| CALCIUM DISS EPA 6020A | 21,000 | 100 | mg/L (PPM) | MR | 7/21/2022 | EPA 3005A |
| IRON TOTAL EPA 6020A | ND | 10 | mg/L (PPM) | MR | 7/21/2022 | EPA 3020A |
| MAGNESIUM DISS EPA 6020A | 4,800 | 100 | mg/L (PPM) | MR | 7/21/2022 | EPA 3005A |
| SODIUM DISS EPA 6020A | 40,000 | 100 | mg/L (PPM) | MR | 7/21/2022 | EPA 3005A |

ND = NOT DETECTED, RESULT < LOD
 LOD = LIMIT OF DETECTION
 DISS = DISSOLVED



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| | | | |
|-------------|--------------------------------------|-----------------|-----------|
| COMPANY: | MILLER ENERGY COMPANY II, LLC | GTA PROJECT NO: | 062922-10 |
| PROJECT NO: | QUARTERLY INJECTION FLUID ANALYSIS - | GTA SAMPLE NO: | 2 |
| LOCATION: | EPA-UIC ANALYSIS | DATE SAMPLED: | 6/23/2022 |
| | | TIME SAMPLED: | 8:10 AM |
| | | DATE RECEIVED: | 6/29/2022 |
| | MI | TIME RECEIVED: | 10:00 AM |
| SAMPLED BY: | DEAN YOST/MECH | SAMPLE MATRIX: | WATER |
| SAMPLE ID: | MT. PLEASANT 53-2 | | |

METALS

| <u>Analysis</u> | <u>Concentration</u> | <u>LOD</u> | <u>Units</u> | <u>Analyst</u> | <u>Date Completed</u> | <u>Digestion Method</u> |
|--------------------------|----------------------|------------|--------------|----------------|-----------------------|-------------------------|
| BARIUM DISS EPA 6020A | ND | 1.0 | mg/L (PPM) | MR | 7/21/2022 | EPA 3005A |
| CALCIUM DISS EPA 6020A | 19,000 | 100 | mg/L (PPM) | MR | 7/21/2022 | EPA 3005A |
| IRON TOTAL EPA 6020A | ND | 10 | mg/L (PPM) | MR | 7/21/2022 | EPA 3020A |
| MAGNESIUM DISS EPA 6020A | 4,400 | 100 | mg/L (PPM) | MR | 7/21/2022 | EPA 3005A |
| SODIUM DISS EPA 6020A | 34,000 | 100 | mg/L (PPM) | MR | 7/21/2022 | EPA 3005A |

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

DISS = DISSOLVED

