



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 Site Addr: EPA-UIC ANALYSIS
Name:
ClientProj: QUARTERLY INJECTION FLUID ANALYSIS -
GTA ProjNo: 092922-12 Sampled By: JOHN LORIA/MECII
Date Rec: 9/29/2022
Time Rec: 4:40 PM

| Sample No. | Sample ID | Date Sampled | Time Sampled | Sample Matrix |
|------------|---------------------|--------------|--------------|---------------|
| 1 | ST. HELEN UNIT #2-1 | 9/25/2022 | 9:00 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 | GTA PROJECT NO: | 092922-12 |
| PROJECT NO: | QUARTERLY INJECTION FLUID ANALYSIS - | GTA SAMPLE NO: | 1 |
| LOCATION: | EPA-UIC ANALYSIS | DATE RECEIVED: | 9/29/2022 |
| | | TIME RECEIVED: | 4:40 PM |
| | MI | DATE SAMPLED: | 9/25/2022 |
| SAMPLED BY: | JOHN LORIA/MECII | TIME SAMPLED: | 9:00 AM |
| | | SAMPLE MATRIX: | WATER |
| SAMPLE ID: | ST. HELEN UNIT #2-1 | | |

SAMPLE ANALYSIS

| <u>Analysis</u> | <u>Concentration</u> | <u>LOD</u> | <u>Units</u> | <u>Analyst</u> | <u>Date Completed</u> |
|--------------------------------------|----------------------|------------|--------------|----------------|-----------------------|
| ALKALINITY SM 4500CO2D (BICARBONATE) | 44 | 10 | mg/L (PPM) | TR | 10/19/2022 |
| ALKALINITY SM 4500CO2D (CARBONATE) | ND | 10 | mg/L (PPM) | TR | 10/19/2022 |
| CHLORIDE EPA 300.0 | 100,000 | 2,000 | mg/L (PPM) | KC/TR | 10/17/2022 |
| pH EPA 150.1 - LAB | 5.1 | 0.10 | s.u. | TR | 10/19/2022 |
| RESISTIVITY SM 2510A | 2.7 | - | ohms x cm | AS | 10/9/2022 |
| SULFATE EPA 300.0 | 270 | 50 | mg/L (PPM) | KC/TR | 10/17/2022 |
| SULFIDE SM 4500S D | ND | 1.0 | mg/L (PPM) | KC | 9/30/2022 |
| TOTAL DISSOLVED SOLIDS EPA 160.1 | 220,000 | 5.0 | mg/L (PPM) | TR | 10/20/2022 |

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

