



INDEPENDENT TESTING LAB

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

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FAX: 231-929-0894

www.gtanalytical.com

Company: MILLER ENERGY COMPANY II, LLC Site Addr: EPA-UIC ANNUAL SAMPLES
Name:
ClientProj: ANNUAL INJECTION FLUID ANALYSIS-
GTA ProjNo: 111622-6

Sampled By: ERICK MONK/MECII
Date Rec: 11/16/2022
Time Rec: 4:30 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	BORKHOLDER 4-28 SWD	11/9/2022	11:30 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
 PROJECT NO: ANNUAL INJECTION FLUID ANALYSIS-
 LOCATION: EPA-UIC ANNUAL SAMPLES
 MI
 SAMPLED BY: ERICK MONK/MECII
 SAMPLE ID: BORKHOLDER 4-28 SWD

GTA PROJECT NO: 111622-6
 GTA SAMPLE NO: 1
 DATE RECEIVED: 11/16/2022
 TIME RECEIVED: 4:30 PM
 DATE SAMPLED: 11/9/2022
 TIME SAMPLED: 11:30 AM
 SAMPLE MATRIX: WATER

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)	33	10	mg/L (PPM)	TR	12/6/2022
ALKALINITY SM 4500CO2D (CARBONATE)	ND	10	mg/L (PPM)	TR	12/6/2022
CHLORIDE EPA 300.0	290,000	2,000	mg/L (PPM)	KC/TR	12/12/2022
pH EPA 150.1 - LAB	5.6	0.10	s.u.	TR	12/6/2022
RESISTIVITY SM 2510A	8.2	-	ohms x cm	AS	12/1/2022
SPECIFIC GRAVITY SM 2710F	1.050	-	-	TR	12/6/2022
SULFATE EPA 300.0	260	50	mg/L (PPM)	KC/TR	12/12/2022
SULFIDE SM 4500S D	ND	1.0	mg/L (PPM)	KC	11/20/2022
TOTAL DISSOLVED SOLIDS EPA 160.1	300,000	5.0	mg/L (PPM)	TR	12/5/2022

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

