



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: 062922-6 Sampled By: JOHN LORIA/MECII
Date Rec: 6/29/2022
Time Rec: 10:00 AM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	ST. HELEN UNIT #2-1	6/28/2022	10:50 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: 062922-6
PROJECT NO: QUARTERLY INJECTION FLUID ANALYSIS - GTA SAMPLE NO: 1
LOCATION: EPA-UIC ANALYSIS DATE RECEIVED: 6/29/2022
MI TIME RECEIVED: 10:00 AM
SAMPLED BY: JOHN LORIA/MECII DATE SAMPLED: 6/28/2022
MI TIME SAMPLED: 10:50 AM
SAMPLE ID: ST. HELEN UNIT #2-1 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)	160	10	mg/L (PPM)	TR	7/7/2022
ALKALINITY SM 4500CO2D (CARBONATE)	ND	10	mg/L (PPM)	TR	7/7/2022
CHLORIDE EPA 300.0	140,000	2,0000	mg/L (PPM)	KC/TR	7/21/2022
pH EPA 150.1 - LAB	5.8	0.10	s.u.	TR	7/7/2022
RESISTIVITY SM 2510A	1.3	-	ohms x cm	AS	7/11/2022
SULFATE EPA 300.0	420	50	mg/L (PPM)	KC/TR	7/21/2022
SULFIDE SM 4500S D	ND	1.0	mg/L (PPM)	KC	6/30/2022
TOTAL DISSOLVED SOLIDS EPA 160.1	260,000	5.0	mg/L (PPM)	TR	7/7/2022

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

