



**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

[www.gtanalytical.com](http://www.gtanalytical.com)

Company: MILLER ENERGY COMPANY II, LLC  
Name:  
ClientProj: QUARTERLY INJECTION FLUID ANALYSIS  
GTA ProjNo: 092922-17

Site Addr: EPA-UIC ANALYSIS

Sampled By: RAY MAILLOUX/MECH  
Date Rec: 9/29/2022  
Time Rec: 4:40 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MT. PLEASANT 54-1	9/26/2022	11:10 AM	WATER
2	MT. PLEASANT 53-2	9/26/2022	11:20 AM	WATER
3	MT. PLEASANT 52-2	9/26/2022	11:15 AM	WATER
4	MT. PLEASANT 122-4	9/26/2022	11:00 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*

Kirk L. Chase/Chemist  
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COMPANY:	MILLER ENERGY COMPANY II, LLC	GTA PROJECT NO:	092922-17
PROJECT NO:	QUARTERLY INJECTION FLUID ANALYSIS	GTA SAMPLE NO:	1
LOCATION:	EPA-UIC ANALYSIS	DATE SAMPLED:	9/26/2022
		TIME SAMPLED:	11:10 AM
		DATE RECEIVED:	9/29/2022
	MI	TIME RECEIVED:	4:40 PM
SAMPLED BY:	RAY MAILLOUX/MECII	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	10/12/2022	EPA 3005A
CALCIUM DISS EPA 6020A	14,000	100	mg/L (PPM)	MR	10/12/2022	EPA 3005A
IRON TOTAL EPA 6020A	ND	10	mg/L (PPM)	MR	10/12/2022	EPA 3020A
MAGNESIUM DISS EPA 6020A	1,600	10	mg/L (PPM)	MR	10/12/2022	EPA 3020A
SODIUM DISS EPA 6020A	23,000	100	mg/L (PPM)	MR	10/12/2022	EPA 3020A

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













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COMPANY:	MILLER ENERGY COMPANY II, LLC	GTA PROJECT NO:	092922-17
PROJECT NO:	QUARTERLY INJECTION FLUID ANALYSIS	GTA SAMPLE NO:	4
LOCATION:	EPA-UIC ANALYSIS	DATE SAMPLED:	9/26/2022
		TIME SAMPLED:	11:00 AM
		DATE RECEIVED:	9/29/2022
		TIME RECEIVED:	4:40 PM
SAMPLED BY:	RAY MAILLOUX/MECII	SAMPLE MATRIX:	WATER
SAMPLE ID:	MT. PLEASANT 122-4		

**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	10/12/2022	EPA 3005A
CALCIUM DISS EPA 6020A	9,600	100	mg/L (PPM)	MR	10/12/2022	EPA 3005A
IRON TOTAL EPA 6020A	ND	10	mg/L (PPM)	MR	10/12/2022	EPA 3020A
MAGNESIUM DISS EPA 6020A	2,100	10	mg/L (PPM)	MR	10/12/2022	EPA 3020A
SODIUM DISS EPA 6020A	17,000	100	mg/L (PPM)	MR	10/12/2022	EPA 3020A

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

DISS = DISSOLVED



