



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: 2021704009
GTA ProjNo: 062222-19

Site Addr: NIETZKE #4

Sampled By: BRENDAN RUPPEN/GCES
Date Rec: 6/22/2022
Time Rec: 1:30 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-1	6/20/2022	2:10 PM	WATER
2	MW-2	6/20/2022	2:17 PM	WATER
3	MW-3	6/20/2022	2:25 PM	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
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COMPANY: MILLER ENERGY COMPANY II, LLC
PROJECT NO: 2021704009
LOCATION: NIETZKE #4

GTA PROJECT NO: 062222-19
GTA SAMPLE NO: 1
DATE SAMPLED: 6/20/2022
TIME SAMPLED: 2:10 PM
DATE RECEIVED: 6/22/2022
TIME RECEIVED: 1:30 PM

MI
SAMPLED BY: BRENDAN RUPPEN/GCES

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
	SAMPLE ID: MW-1						
	CHLORIDE EPA 300.0	170	10	mg/L (PPM)	KC/AS	6/27/2022	WATER
	TOTAL DISSOLVED SOLIDS EPA 160.1	770	5.0	mg/L (PPM)	MR	6/29/2022	WATER

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



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COMPANY: MILLER ENERGY COMPANY II, LLC
PROJECT NO: 2021704009
LOCATION: NIETZKE #4

GTA PROJECT NO: 062222-19
GTA SAMPLE NO: 2
DATE SAMPLED: 6/20/2022
TIME SAMPLED: 2:17 PM
DATE RECEIVED: 6/22/2022
TIME RECEIVED: 1:30 PM

MI
SAMPLED BY: BRENDAN RUPPEN/GCES

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
SAMPLE ID:	MW-2						
	CHLORIDE EPA 300.0	99	10	mg/L (PPM)	KC/AS	6/27/2022	WATER
	TOTAL DISSOLVED SOLIDS EPA 160.1	500	5.0	mg/L (PPM)	MR	6/29/2022	WATER

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LOD = LIMIT OF DETECTION
s.u. = STANDARD pH UNITS REPORTED AT 25 C
DISS = DISSOLVED



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COMPANY: MILLER ENERGY COMPANY II, LLC
PROJECT NO: 2021704009
LOCATION: NIETZKE #4

GTA PROJECT NO: 062222-19
GTA SAMPLE NO: 3
DATE SAMPLED: 6/20/2022
TIME SAMPLED: 2:25 PM
DATE RECEIVED: 6/22/2022
TIME RECEIVED: 1:30 PM

MI
SAMPLED BY: BRENDAN RUPPEN/GCES

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
	SAMPLE ID: MW-3						
	CHLORIDE EPA 300.0	440	50	mg/L (PPM)	KC/AS	6/27/2022	WATER
	TOTAL DISSOLVED SOLIDS EPA 160.1	1,200	5.0	mg/L (PPM)	MR	6/29/2022	WATER

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

CHAIN OF CUSTODY

PROJECT NUMBER <i>20201704009</i>	SITE NAME/ADDRESS <i>Nietzke #4</i>	COMPANY/NAME <i>Miller Energy</i>
SAMPLED BY <i>Brendan Ruppen</i>	COMPANY <i>GLCS</i>	GTA PROJECT # <i>062222-19</i>

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
	<i>MW-1</i>	<i>6/20/22</i>	<i>2:10</i>	<i>GW</i>	<i>Chloride, TDS</i>
	<i>MW-2</i>	<i>↓</i>	<i>2:17</i>	<i>↓</i>	<i>↓ ↓</i>
	<i>MW-3</i>	<i>↓</i>	<i>2:25</i>	<i>↓</i>	<i>↓ ↓</i>

BILL TO: <i>Miller Energy</i>	TempRec: <input type="checkbox"/>	On Ice? <input type="checkbox"/> <input checked="" type="checkbox"/>	REPORT TO: <i>E. Vincke</i>
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RELEASED BY <i>B. Ruppen</i>	DATE/TIME <i>6/22/22 1:30</i>	RECEIVED BY <i>K. Du</i>	DATE/TIME <i>6/22/22 1:30P</i>

REQUESTED TAT STANDARD 1 BUSINESS DAY 2 BUSINESS DAYS 3 BUSINESS DAYS