



**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: 2021704009.01  
GTA ProjNo: 060221-18

Site Addr: NEITZKE #4

Sampled By: JOSHUA GERRIE/GCES  
Date Rec: 6/2/2021  
Time Rec: 4:55 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-1	6/1/2021		WATER
2	MW-2	6/1/2021		WATER
3	MW-3	6/1/2021		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  
Traverse City, MI 49686  
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COMPANY: MILLER ENERGY COMPANY II, LLC  
 PROJECT NO: 2021704009.01  
 LOCATION: NEITZKE #4  
 MI  
 SAMPLE MATRIX: WATER  
 SAMPLE ID: MW-1

GTA PROJECT NO: 060221-18  
 GTA SAMPLE NO: 1  
 DATE SAMPLED: 6/1/2021  
 TIME SAMPLED:  
 DATE RECEIVED: 6/2/2021  
 TIME RECEIVED: 4:55 PM

SAMPLED BY: JOSHUA GERRIE/GCES

**EPA 8260B VOLATILE ORGANICS**

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		6/3/2021	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.  
 ND = NOT DETECTED, RESULT < LOD  
 LOD = LIMIT OF DETECTION



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COMPANY: MILLER ENERGY COMPANY II, LLC  
 PROJECT NO: 2021704009.01  
 LOCATION: NEITZKE #4  
 MI  
 SAMPLE MATRIX: WATER  
 SAMPLE ID: MW-2

GTA PROJECT NO: 060221-18  
 GTA SAMPLE NO: 2  
 DATE SAMPLED: 6/1/2021  
 TIME SAMPLED:  
 DATE RECEIVED: 6/2/2021  
 TIME RECEIVED: 4:55 PM

SAMPLED BY: JOSHUA GERRIE/GCES

**EPA 8260B VOLATILE ORGANICS**

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		6/3/2021	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.  
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COMPANY: MILLER ENERGY COMPANY II, LLC  
 PROJECT NO: 2021704009.01  
 LOCATION: NEITZKE #4  
 MI  
 SAMPLE MATRIX: WATER  
 SAMPLE ID: MW-3

GTA PROJECT NO: 060221-18  
 GTA SAMPLE NO: 3  
 DATE SAMPLED: 6/1/2021  
 TIME SAMPLED:  
 DATE RECEIVED: 6/2/2021  
 TIME RECEIVED: 4:55 PM

SAMPLED BY: JOSHUA GERRIE/GCES

**EPA 8260B VOLATILE ORGANICS**

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Extracted</u>	<u>Date Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		6/3/2021	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.  
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COMPANY: MILLER ENERGY COMPANY II, LLC  
PROJECT NO: 2021704009.01  
LOCATION: NEITZKE #4

GTA PROJECT NO: 060221-18  
GTA SAMPLE NO: 1  
DATE SAMPLED: 6/1/2021  
TIME SAMPLED:  
DATE RECEIVED: 6/2/2021  
TIME RECEIVED: 4:55 PM

MI  
SAMPLED BY: JOSHUA GERRIE/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	120	10	mg/L (PPM)	TR	6/4/2021	WATER
	TOTAL DISSOLVED SOLIDS EPA 160.1	1,000	5.0	mg/L (PPM)	TR	6/7/2021	WATER

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

COMPANY: MILLER ENERGY COMPANY II, LLC  
PROJECT NO: 2021704009.01  
LOCATION: NEITZKE #4  
MI  
SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 060221-18  
GTA SAMPLE NO: 2  
DATE SAMPLED: 6/1/2021  
TIME SAMPLED:  
DATE RECEIVED: 6/2/2021  
TIME RECEIVED: 4:55 PM

**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	89	10	mg/L (PPM)	TR	6/4/2021	WATER
	TOTAL DISSOLVED SOLIDS EPA 160.1	540	5.0	mg/L (PPM)	TR	6/7/2021	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: 2021704009.01  
LOCATION: NEITZKE #4

GTA PROJECT NO: 060221-18  
GTA SAMPLE NO: 3  
DATE SAMPLED: 6/1/2021  
TIME SAMPLED:  
DATE RECEIVED: 6/2/2021  
TIME RECEIVED: 4:55 PM

MI  
SAMPLED BY: JOSHUA GERRIE/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	10	mg/L (PPM)	TR	6/4/2021	WATER
	TOTAL DISSOLVED SOLIDS EPA 160.1	1,400	5.0	mg/L (PPM)	TR	6/7/2021	WATER

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

