



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: SOUTH BUCKEYE

Name:

ClientProj: 2020704003.01

Sampled By: MARK STOVER/GCES

GTA ProjNo: 102121-31

Date Rec: 10/21/2021

Time Rec: 2:44 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-4	10/21/2021		WATER
2	MW-2	10/21/2021		WATER
3	MW-3	10/21/2021		WATER
4	MW-7S	10/21/2021		WATER
5	MW-7D	10/21/2021		WATER
6	MW-1	10/21/2021		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
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COMPANY: MILLER ENERGY COMPANY II, LLC
PROJECT NO: 2020704003.01
LOCATION: SOUTH BUCKEYE
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-7D

GTA PROJECT NO: 102121-31
GTA SAMPLE NO: 5
DATE SAMPLED: 10/21/2021
TIME SAMPLED:
DATE RECEIVED: 10/21/2021
TIME RECEIVED: 2:44 PM

SAMPLED BY: MARK STOVER/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		10/22/2021	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					

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: 2020704003.01
 LOCATION: SOUTH BUCKEYE
 MI
 SAMPLE MATRIX: WATER
 SAMPLE ID: MW-1

GTA PROJECT NO: 102121-31
 GTA SAMPLE NO: 6
 DATE SAMPLED: 10/21/2021
 TIME SAMPLED:
 DATE RECEIVED: 10/21/2021
 TIME RECEIVED: 2:44 PM

SAMPLED BY: MARK STOVER/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		10/22/2021	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.
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PROJECT NO: 2020704003.01
LOCATION: SOUTH BUCKEYE
MI
SAMPLED BY: MARK STOVER/GCES

GTA PROJECT NO: 102121-31
GTA SAMPLE NO: 1
DATE SAMPLED: 10/21/2021
TIME SAMPLED:
DATE RECEIVED: 10/21/2021
TIME RECEIVED: 2:44 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</u>
SAMPLE ID: MW-4							
CHLORIDE EPA 300.0		ND	10	mg/L (PPM)	TR	10/25/2021	WATER

ND = NOT DETECTED, RESULT < LOD
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s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: MILLER ENERGY COMPANY II, LLC
 PROJECT NO: 2020704003.01
 LOCATION: SOUTH BUCKEYE
 MI
 SAMPLED BY: MARK STOVER/GCES

GTA PROJECT NO: 102121-31
 GTA SAMPLE NO: 2
 DATE SAMPLED: 10/21/2021
 TIME SAMPLED:
 DATE RECEIVED: 10/21/2021
 TIME RECEIVED: 2:44 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</u>
SAMPLE ID: MW-2	CHLORIDE EPA 300.0	190	10	mg/L (PPM)	TR	10/25/2021	WATER

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

COMPANY: MILLER ENERGY COMPANY II, LLC
 PROJECT NO: 2020704003.01
 LOCATION: SOUTH BUCKEYE

GTA PROJECT NO: 102121-31
 GTA SAMPLE NO: 3
 DATE SAMPLED: 10/21/2021
 TIME SAMPLED:
 DATE RECEIVED: 10/21/2021
 TIME RECEIVED: 2:44 PM

MI
 SAMPLED BY: MARK STOVER/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</u>
SAMPLE ID: MW-3	CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	TR	10/25/2021	WATER

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COMPANY: MILLER ENERGY COMPANY II, LLC
 PROJECT NO: 2020704003.01
 LOCATION: SOUTH BUCKEYE

GTA PROJECT NO: 102121-31
 GTA SAMPLE NO: 5
 DATE SAMPLED: 10/21/2021
 TIME SAMPLED:
 DATE RECEIVED: 10/21/2021
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MI
 SAMPLED BY: MARK STOVER/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</u>
SAMPLE ID: MW-7D	CHLORIDE EPA 300.0	1,300	50	mg/L (PPM)	TR	10/25/2021	WATER

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COMPANY: MILLER ENERGY COMPANY II, LLC
 PROJECT NO: 2020704003.01
 LOCATION: SOUTH BUCKEYE

GTA PROJECT NO: 102121-31
 GTA SAMPLE NO: 6
 DATE SAMPLED: 10/21/2021
 TIME SAMPLED:
 DATE RECEIVED: 10/21/2021
 TIME RECEIVED: 2:44 PM

SAMPLED BY: MI
 MARK STOVER/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	1,100	50	mg/L (PPM)	TR	10/25/2021	WATER
	CONDUCTIVITY SM2510-B	3,600	1.0	uS/cm@25C	TR	10/25/2021	WATER

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

