

**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: 2020704015.01

GTA ProjNo: 121622-23

Site Addr: GEERS MARK

Sampled By: DJT/GCES

Date Rec: 12/16/2022

Time Rec: 2:24 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-2	12/16/2022	9:30 AM	WATER
2	MW-4	12/16/2022	9:50 AM	WATER
3	MW-5	12/16/2022	10:10 AM	WATER
4	MW-1	12/16/2022	10:30 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
PROJECT NO: 2020704015.01
LOCATION: GEERS MARK
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-2

GTA PROJECT NO: 121622-23
GTA SAMPLE NO: 1
DATE SAMPLED: 12/16/2022
TIME SAMPLED: 9:30 AM
DATE RECEIVED: 12/16/2022
TIME RECEIVED: 2:24 PM
SAMPLED BY: DJT/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		12/20/2022	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: 2020704015.01
LOCATION: GEERS MARK
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-4

GTA PROJECT NO: 121622-23
GTA SAMPLE NO: 2
DATE SAMPLED: 12/16/2022
TIME SAMPLED: 9:50 AM
DATE RECEIVED: 12/16/2022
TIME RECEIVED: 2:24 PM
SAMPLED BY: DJT/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	280	10	ug/L (PPB)	MR		12/20/2022	EPA 5030B
Toluene	6.1	1.0					
Ethylbenzene	4.1	1.0					
Xylene(Total)	26	3.0					
1,2,4-Trimethylbenzene	7.8	1.0					
1,3,5-Trimethylbenzene	4.7	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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COMPANY: MILLER ENERGY COMPANY II, LLC
PROJECT NO: 2020704015.01
LOCATION: GEERS MARK
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-5

GTA PROJECT NO: 121622-23
GTA SAMPLE NO: 3
DATE SAMPLED: 12/16/2022
TIME SAMPLED: 10:10 AM
DATE RECEIVED: 12/16/2022
TIME RECEIVED: 2:24 PM
SAMPLED BY: DJT/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	580	10	ug/L (PPB)	MR		12/20/2022	EPA 5030B
Toluene	1.2	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	GTA PROJECT NO:	121622-23
PROJECT NO:	2020704015.01	GTA SAMPLE NO:	4
LOCATION:	GEERS MARK	DATE SAMPLED:	12/16/2022
		TIME SAMPLED:	10:30 AM
		DATE RECEIVED:	12/16/2022
	MI	TIME RECEIVED:	2:24 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-1	SAMPLED BY:	DJT/GCES

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u> <u>Extracted</u>	<u>Date</u> <u>Complete</u>	<u>Prep Method</u>
Benzene	33,000	100	ug/L (PPB)	MR		12/20/2022	EPA 5030B
Toluene	20,000	100					
Ethylbenzene	4,400	100					
Xylene(Total)	36,000	300					
1,2,4-Trimethylbenzene	960	10					
1,3,5-Trimethylbenzene	450	10					
Naphthalene	170	10					
2-Methylnaphthalene	500	10					

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COMPANY: MILLER ENERGY COMPANY II, LLC

GTA PROJECT NO: 121622-23

PROJECT NO: 2020704015.01

GTA SAMPLE NO: 1

LOCATION: GEERS MARK

DATE SAMPLED: 12/16/2022

TIME SAMPLED: 9:30 AM

DATE RECEIVED: 12/16/2022

TIME RECEIVED: 2:24 PM

MI

SAMPLED BY: DJT/GCES

SAMPLE ANALYSIS**No: Analysis**

SAMPLE ID: MW-2

CHLORIDE EPA 300.0

Concentration**LOD****Units****Analyst****Date Completed****Sample Matrix**

ND

10

mg/L (PPM)

KC/TR

12/29/2022

WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

s.u. = STANDARD pH UNITS REPORTED AT 25 C

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COMPANY: MILLER ENERGY COMPANY II, LLC

GTA PROJECT NO: 121622-23

PROJECT NO: 2020704015.01

GTA SAMPLE NO: 2

LOCATION: GEERS MARK

DATE SAMPLED: 12/16/2022

TIME SAMPLED: 9:50 AM

DATE RECEIVED: 12/16/2022

TIME RECEIVED: 2:24 PM

SAMPLED BY: MI
DJT/GCES**SAMPLE ANALYSIS****No: Analysis**

SAMPLE ID: MW-4

CHLORIDE EPA 300.0

<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
ND	10	mg/L (PPM)	KC/TR	12/29/2022	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

GTA PROJECT NO: 121622-23

PROJECT NO: 2020704015.01

GTA SAMPLE NO: 3

LOCATION: GEERS MARK

DATE SAMPLED: 12/16/2022

TIME SAMPLED: 10:10 AM

DATE RECEIVED: 12/16/2022

TIME RECEIVED: 2:24 PM

MI

SAMPLED BY: DJT/GCES

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-5

CHLORIDE EPA 300.0

<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
12	10	mg/L (PPM)	KC/TR	12/29/2022	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

GTA PROJECT NO: 121622-23

PROJECT NO: 2020704015.01

GTA SAMPLE NO: 4

LOCATION: GEERS MARK

DATE SAMPLED: 12/16/2022

TIME SAMPLED: 10:30 AM

DATE RECEIVED: 12/16/2022

TIME RECEIVED: 2:24 PM

SAMPLED BY: MI
DJT/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	14	10	mg/L (PPM)	KC/TR	12/29/2022	WATER
	CHLORIDE EPA 300.0						

ND = NOT DETECTED, RESULT < LOD

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s.u. = STANDARD pH UNITS REPORTED AT 25 C

CHAIN OF CUSTODY

PROJECT NUMBER 2020704015,01	SITE NAME/ADDRESS Geers Mark	COMPANY/NAME Miller
SAMPLED BY DJT	COMPANY GCEs	GTA PROJECT # 121622-23

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
	mw-2	12/16/22	9 30	W	BTEx+4, CI-
	mw-4		9 50		
	mw-5		10 10		
	mw-1		10 30		

BILL TO: GCEs	TempRec: ☐ 2.6°C	On Ice? ☒ Y ☐ N	REPORT TO: E. Vincke
RELEASED BY Daniel J...	DATE/TIME 12/16/22	RECEIVED BY K. M...	DATE/TIME 12/16/22 2:24p
REQUESTED TAT ☒ STANDARD ☐ 1 BUSINESS DAY ☐ 2 BUSINESS DAYS ☐ 3 BUSINESS DAYS			