

**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: 2020704005.01

GTA ProjNo: 063023-3

Site Addr: RICHMOND TWP. PIPELINE

Sampled By: JOSHUA GERRIE/GCES

Date Rec: 6/30/2023

Time Rec: 12:30 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-4	6/30/2023		WATER
2	MW-5S	6/30/2023		WATER
3	MW-5D	6/30/2023		WATER
4	23141 US-10	6/30/2023		WATER
5	23061 US-10	6/30/2023		WATER
6	4967 230TH AVE.	6/30/2023		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: 2020704005.01

LOCATION: RICHMOND TWP. PIPELINE

MI

SAMPLE MATRIX: WATER

SAMPLE ID: MW-4

GTA PROJECT NO: 063023-3

GTA SAMPLE NO: 1

DATE SAMPLED: 6/30/2023

TIME SAMPLED:

DATE RECEIVED: 6/30/2023

TIME RECEIVED: 12:30 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</u> <u>Extracted</u>	<u>Date</u> <u>Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		7/3/2023	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: 2020704005.01

LOCATION: RICHMOND TWP. PIPELINE

MI

SAMPLE MATRIX: WATER

SAMPLE ID: MW-5S

GTA PROJECT NO: 063023-3

GTA SAMPLE NO: 2

DATE SAMPLED: 6/30/2023

TIME SAMPLED:

DATE RECEIVED: 6/30/2023

TIME RECEIVED: 12:30 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</u> <u>Extracted</u>	<u>Date</u> <u>Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		7/3/2023	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					

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LOD = LIMIT OF DETECTION

COMPANY:	MILLER ENERGY COMPANY II, LLC	GTA PROJECT NO:	063023-3
PROJECT NO:	2020704005.01	GTA SAMPLE NO:	3
LOCATION:	RICHMOND TWP. PIPELINE	DATE SAMPLED:	6/30/2023
		TIME SAMPLED:	
	MI	DATE RECEIVED:	6/30/2023
		TIME RECEIVED:	12:30 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-5D	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</u> <u>Extracted</u>	<u>Date</u> <u>Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		7/3/2023	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					

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COMPANY: MILLER ENERGY COMPANY II, LLC

PROJECT NO: 2020704005.01

LOCATION: RICHMOND TWP. PIPELINE

MI

SAMPLE MATRIX: WATER

SAMPLE ID: 23141 US-10

GTA PROJECT NO: 063023-3

GTA SAMPLE NO: 4

DATE SAMPLED: 6/30/2023

TIME SAMPLED:

DATE RECEIVED: 6/30/2023

TIME RECEIVED: 12:30 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</u> <u>Extracted</u>	<u>Date</u> <u>Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		7/3/2023	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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LOD = LIMIT OF DETECTION

COMPANY:	MILLER ENERGY COMPANY II, LLC	GTA PROJECT NO:	063023-3
PROJECT NO:	2020704005.01	GTA SAMPLE NO:	5
LOCATION:	RICHMOND TWP. PIPELINE	DATE SAMPLED:	6/30/2023
		TIME SAMPLED:	
	MI	DATE RECEIVED:	6/30/2023
		TIME RECEIVED:	12:30 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	23061 US-10	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</u> <u>Extracted</u>	<u>Date</u> <u>Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		7/3/2023	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					

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COMPANY: MILLER ENERGY COMPANY II, LLC
PROJECT NO: 2020704005.01
LOCATION: RICHMOND TWP. PIPELINE
MI
SAMPLE MATRIX: WATER
SAMPLE ID: 4967 230TH AVE.

GTA PROJECT NO: 063023-3
GTA SAMPLE NO: 6
DATE SAMPLED: 6/30/2023
TIME SAMPLED:
DATE RECEIVED: 6/30/2023
TIME RECEIVED: 12:30 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		7/3/2023	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					

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COMPANY: MILLER ENERGY COMPANY II, LLC

PROJECT NO: 2020704005.01

LOCATION: RICHMOND TWP. PIPELINE

GTA PROJECT NO: 063023-3

GTA SAMPLE NO: 1

DATE SAMPLED: 6/30/2023

TIME SAMPLED:

DATE RECEIVED: 6/30/2023

TIME RECEIVED: 12:30 PM

SAMPLED BY: MI
JOSHUA GERRIE/GCES**SAMPLE ANALYSIS****No: Analysis**

SAMPLE ID: MW-4

CHLORIDE EPA 300.0

Concentration

ND

LOD

10

Units

mg/L (PPM)

Analyst

KC

Date Completed

7/7/2023

Sample Matrix

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: 2020704005.01

LOCATION: RICHMOND TWP. PIPELINE

GTA PROJECT NO: 063023-3

GTA SAMPLE NO: 2

DATE SAMPLED: 6/30/2023

TIME SAMPLED:

DATE RECEIVED: 6/30/2023

TIME RECEIVED: 12:30 PM

MI

SAMPLED BY: JOSHUA GERRIE/GCES

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-5S

CHLORIDE EPA 300.0

Concentration

ND

LOD

10

Units

mg/L (PPM)

Analyst

KC

Date Completed

7/7/2023

Sample Matrix

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: 063023-3

PROJECT NO: 2020704005.01

GTA SAMPLE NO: 3

LOCATION: RICHMOND TWP. PIPELINE

DATE SAMPLED: 6/30/2023

TIME SAMPLED:

DATE RECEIVED: 6/30/2023

TIME RECEIVED: 12:30 PM

MI

SAMPLED BY: JOSHUA GERRIE/GCES

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-5D

CHLORIDE EPA 300.0

Concentration

2,000

LOD

50

Units

mg/L (PPM)

Analyst

KC

Date Completed

7/7/2023

Sample Matrix

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: 2020704005.01

LOCATION: RICHMOND TWP. PIPELINE

GTA PROJECT NO: 063023-3

GTA SAMPLE NO: 4

DATE SAMPLED: 6/30/2023

TIME SAMPLED:

DATE RECEIVED: 6/30/2023

TIME RECEIVED: 12:30 PM

SAMPLED BY: MI
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: 23141 US-10						
	CHLORIDE EPA 300.0	13	10	mg/L (PPM)	KC	7/7/2023	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: 2020704005.01

LOCATION: RICHMOND TWP. PIPELINE

GTA PROJECT NO: 063023-3

GTA SAMPLE NO: 5

DATE SAMPLED: 6/30/2023

TIME SAMPLED:

DATE RECEIVED: 6/30/2023

TIME RECEIVED: 12:30 PM

SAMPLED BY: MI
JOSHUA GERRIE/GCES

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: 23061 US-10

CHLORIDE EPA 300.0

Concentration

15

LOD

10

Units

mg/L (PPM)

Analyst

KC

Date Completed

7/7/2023

Sample Matrix

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

PROJECT NO: 2020704005.01

LOCATION: RICHMOND TWP. PIPELINE

GTA PROJECT NO: 063023-3

GTA SAMPLE NO: 6

DATE SAMPLED: 6/30/2023

TIME SAMPLED:

DATE RECEIVED: 6/30/2023

TIME RECEIVED: 12:30 PM

SAMPLED BY: MI
JOSHUA GERRIE/GCES

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: 4967 230TH AVE.

CHLORIDE EPA 300.0

Concentration

ND

LOD

10

Units

mg/L (PPM)

Analyst

KC

Date Completed

7/7/2023

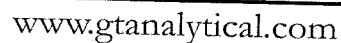
Sample Matrix

WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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



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