

**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: 2020704025

GTA ProjNo: 061825-11

Site Addr: CURT PFUHL #2

Sampled By: JFR/GCES

Date Rec: 6/18/2025

Time Rec: 10:00 AM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-1 (4')	6/16/2025	1:00 PM	SOIL
2	MW-1 (6')	6/16/2025	1:10 PM	SOIL
3	MW-2 (5.5')	6/16/2025	3:15 PM	SOIL
4	MW-2 (7.5')	6/17/2025	8:30 AM	SOIL
5	HA-2 (4')	6/17/2025	10:50 AM	SOIL
6	HA-2 (5.5')	6/17/2025	11:00 AM	SOIL
7	HA-3 (4')	6/17/2025	11:30 AM	SOIL
8	HA-4 (2')	6/17/2025	11:55 AM	SOIL
9	HA-4 (5')	6/17/2025	12:05 PM	SOIL
10	MW-4 (3.5')	6/17/2025	12:50 PM	SOIL
11	MW-4B (4')	6/17/2025	1:40 PM	SOIL
12	MW-4B (8.5')	6/17/2025	2:15 PM	SOIL
13	HA-5 (2')	6/17/2025	4:30 PM	SOIL
14	HA-5 (5')	6/17/2025	3:05 PM	SOIL
15	HA-6 (2')	6/17/2025	3:40 PM	SOIL
16	HA-6 (5.5')	6/17/2025	4:10 PM	SOIL
17	MW-1	6/17/2025	4:55 PM	WATER
18	MW-2	6/17/2025	5:05 PM	WATER
19	MW-3	6/17/2025	5:10 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
Traverse City, MI 49686
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COMPANY: MILLER ENERGY COMPANY II, LLC

PROJECT NO: 2020704025

LOCATION: CURT PFUHL #2

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: MW-1 (4')

GTA PROJECT NO: 061825-11

GTA SAMPLE NO: 1

DATE SAMPLED: 6/16/2025

TIME SAMPLED: 1:00 PM

DATE RECEIVED: 6/18/2025

TIME RECEIVED: 10:00 AM

SAMPLED BY: JFR/GCES

**THIS SAMPLE WAS RECEIVED MEOH PRESERVED.

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>Completed</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	6/16/2025	6/24/2025	EPA 5035A
Toluene	ND	50					
Ethylbenzene	ND	50					
Xylene(Total)	ND	150					
1,2,4-Trimethylbenzene	1,600	50					
1,3,5-Trimethylbenzene	83	50					
Naphthalene	ND	250					
2-Methylnaphthalene	800	250					

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: 2020704025

LOCATION: CURT PFUHL #2

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: MW-1 (6')

GTA PROJECT NO: 061825-11

GTA SAMPLE NO: 2

DATE SAMPLED: 6/16/2025

TIME SAMPLED: 1:10 PM

DATE RECEIVED: 6/18/2025

TIME RECEIVED: 10:00 AM

SAMPLED BY: JFR/GCES

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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>Completed</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	6/16/2025	6/24/2025	EPA 5035A
Toluene	ND	50					
Ethylbenzene	ND	50					
Xylene(Total)	ND	150					
1,2,4-Trimethylbenzene	340	50					
1,3,5-Trimethylbenzene	ND	50					
Naphthalene	ND	250					
2-Methylnaphthalene	ND	250					

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COMPANY: MILLER ENERGY COMPANY II, LLC

PROJECT NO: 2020704025

LOCATION: CURT PFUHL #2

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: MW-2 (5.5')

GTA PROJECT NO: 061825-11

GTA SAMPLE NO: 3

DATE SAMPLED: 6/16/2025

TIME SAMPLED: 3:15 PM

DATE RECEIVED: 6/18/2025

TIME RECEIVED: 10:00 AM

SAMPLED BY: JFR/GCES

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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>Completed</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	6/16/2025	6/24/2025	EPA 5035A
Toluene	ND	50					
Ethylbenzene	ND	50					
Xylene(Total)	ND	150					
1,2,4-Trimethylbenzene	ND	50					
1,3,5-Trimethylbenzene	ND	50					
Naphthalene	ND	250					
2-Methylnaphthalene	ND	250					

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COMPANY: MILLER ENERGY COMPANY II, LLC

PROJECT NO: 2020704025

LOCATION: CURT PFUHL #2

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: MW-2 (7.5')

GTA PROJECT NO: 061825-11

GTA SAMPLE NO: 4

DATE SAMPLED: 6/17/2025

TIME SAMPLED: 8:30 AM

DATE RECEIVED: 6/18/2025

TIME RECEIVED: 10:00 AM

SAMPLED BY: JFR/GCES

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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>Completed</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	6/17/2025	6/24/2025	EPA 5035A
Toluene	ND	50					
Ethylbenzene	ND	50					
Xylene(Total)	ND	150					
1,2,4-Trimethylbenzene	1,100	50					
1,3,5-Trimethylbenzene	86	50					
Naphthalene	ND	250					
2-Methylnaphthalene	310	250					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.

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COMPANY: MILLER ENERGY COMPANY II, LLC

PROJECT NO: 2020704025

LOCATION: CURT PFUHL #2

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: HA-2 (4')

GTA PROJECT NO: 061825-11

GTA SAMPLE NO: 5

DATE SAMPLED: 6/17/2025

TIME SAMPLED: 10:50 AM

DATE RECEIVED: 6/18/2025

TIME RECEIVED: 10:00 AM

SAMPLED BY: JFR/GCES

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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>Completed</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	6/17/2025	6/24/2025	EPA 5035A
Toluene	ND	50					
Ethylbenzene	ND	50					
Xylene(Total)	ND	150					
1,2,4-Trimethylbenzene	ND	50					
1,3,5-Trimethylbenzene	ND	50					
Naphthalene	ND	250					
2-Methylnaphthalene	ND	250					

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COMPANY: MILLER ENERGY COMPANY II, LLC

PROJECT NO: 2020704025

LOCATION: CURT PFUHL #2

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: HA-2 (5.5')

GTA PROJECT NO: 061825-11

GTA SAMPLE NO: 6

DATE SAMPLED: 6/17/2025

TIME SAMPLED: 11:00 AM

DATE RECEIVED: 6/18/2025

TIME RECEIVED: 10:00 AM

SAMPLED BY: JFR/GCES

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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>Completed</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	6/17/2025	6/24/2025	EPA 5035A
Toluene	ND	50					
Ethylbenzene	ND	50					
Xylene(Total)	ND	150					
1,2,4-Trimethylbenzene	ND	50					
1,3,5-Trimethylbenzene	ND	50					
Naphthalene	ND	250					
2-Methylnaphthalene	ND	250					

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COMPANY: MILLER ENERGY COMPANY II, LLC

PROJECT NO: 2020704025

LOCATION: CURT PFUHL #2

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: HA-3 (4')

GTA PROJECT NO: 061825-11

GTA SAMPLE NO: 7

DATE SAMPLED: 6/17/2025

TIME SAMPLED: 11:30 AM

DATE RECEIVED: 6/18/2025

TIME RECEIVED: 10:00 AM

SAMPLED BY: JFR/GCES

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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>Completed</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	6/17/2025	6/24/2025	EPA 5035A
Toluene	ND	50					
Ethylbenzene	ND	50					
Xylene(Total)	ND	150					
1,2,4-Trimethylbenzene	ND	50					
1,3,5-Trimethylbenzene	ND	50					
Naphthalene	ND	250					
2-Methylnaphthalene	ND	250					

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COMPANY: MILLER ENERGY COMPANY II, LLC

PROJECT NO: 2020704025

LOCATION: CURT PFUHL #2

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: HA-4 (2')

GTA PROJECT NO: 061825-11

GTA SAMPLE NO: 8

DATE SAMPLED: 6/17/2025

TIME SAMPLED: 11:55 AM

DATE RECEIVED: 6/18/2025

TIME RECEIVED: 10:00 AM

SAMPLED BY: JFR/GCES

**THIS SAMPLE WAS RECEIVED MEOH PRESERVED.

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>Completed</u>	<u>Prep Method</u>
Benzene	1,000	50	ug/Kg (PPB)	MR	6/17/2025	6/24/2025	EPA 5035A
Toluene	110	50					
Ethylbenzene	2,400	50					
Xylene(Total)	8,900	150					
1,2,4-Trimethylbenzene	19,000	50					
1,3,5-Trimethylbenzene	6,500	50					
Naphthalene	710	250					
2-Methylnaphthalene	8,200	250					

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COMPANY: MILLER ENERGY COMPANY II, LLC

PROJECT NO: 2020704025

LOCATION: CURT PFUHL #2

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: HA-4 (5')

GTA PROJECT NO: 061825-11

GTA SAMPLE NO: 9

DATE SAMPLED: 6/17/2025

TIME SAMPLED: 12:05 PM

DATE RECEIVED: 6/18/2025

TIME RECEIVED: 10:00 AM

SAMPLED BY: JFR/GCES

**THIS SAMPLE WAS RECEIVED MEOH PRESERVED.

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>Completed</u>	<u>Prep Method</u>
Benzene	150	50	ug/Kg (PPB)	MR	6/17/2025	6/24/2025	EPA 5035A
Toluene	ND	50					
Ethylbenzene	110	50					
Xylene(Total)	260	150					
1,2,4-Trimethylbenzene	460	50					
1,3,5-Trimethylbenzene	130	50					
Naphthalene	ND	250					
2-Methylnaphthalene	ND	250					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.

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LOD = LIMIT OF DETECTION

COMPANY: MILLER ENERGY COMPANY II, LLC

PROJECT NO: 2020704025

LOCATION: CURT PFUHL #2

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: MW-4 (3.5')

GTA PROJECT NO: 061825-11

GTA SAMPLE NO: 10

DATE SAMPLED: 6/17/2025

TIME SAMPLED: 12:50 PM

DATE RECEIVED: 6/18/2025

TIME RECEIVED: 10:00 AM

SAMPLED BY: JFR/GCES

**THIS SAMPLE WAS RECEIVED MEOH PRESERVED.

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>Completed</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	6/17/2025	6/24/2025	EPA 5035A
Toluene	ND	50					
Ethylbenzene	ND	50					
Xylene(Total)	ND	150					
1,2,4-Trimethylbenzene	910	50					
1,3,5-Trimethylbenzene	60	50					
Naphthalene	ND	250					
2-Methylnaphthalene	ND	250					

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COMPANY: MILLER ENERGY COMPANY II, LLC

PROJECT NO: 2020704025

LOCATION: CURT PFUHL #2

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: MW-4B (4')

GTA PROJECT NO: 061825-11

GTA SAMPLE NO: 11

DATE SAMPLED: 6/17/2025

TIME SAMPLED: 1:40 PM

DATE RECEIVED: 6/18/2025

TIME RECEIVED: 10:00 AM

SAMPLED BY: JFR/GCES

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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>Completed</u>	<u>Prep Method</u>
Benzene	98	50	ug/Kg (PPB)	MR	6/17/2025	6/24/2025	EPA 5035A
Toluene	ND	50					
Ethylbenzene	2,400	50					
Xylene(Total)	1,800	150					
1,2,4-Trimethylbenzene	16,000	50					
1,3,5-Trimethylbenzene	390	50					
Naphthalene	3,400	250					
2-Methylnaphthalene	31,000	250					

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COMPANY: MILLER ENERGY COMPANY II, LLC

PROJECT NO: 2020704025

LOCATION: CURT PFUHL #2

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: MW-4B (8.5')

GTA PROJECT NO: 061825-11

GTA SAMPLE NO: 12

DATE SAMPLED: 6/17/2025

TIME SAMPLED: 2:15 PM

DATE RECEIVED: 6/18/2025

TIME RECEIVED: 10:00 AM

SAMPLED BY: JFR/GCES

**THIS SAMPLE WAS RECEIVED MEOH PRESERVED.

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>Completed</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	6/17/2025	6/24/2025	EPA 5035A
Toluene	ND	50					
Ethylbenzene	190	50					
Xylene(Total)	180	150					
1,2,4-Trimethylbenzene	1,100	50					
1,3,5-Trimethylbenzene	240	50					
Naphthalene	ND	250					
2-Methylnaphthalene	320	250					

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COMPANY: MILLER ENERGY COMPANY II, LLC

PROJECT NO: 2020704025

LOCATION: CURT PFUHL #2

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: HA-5 (2')

GTA PROJECT NO: 061825-11

GTA SAMPLE NO: 13

DATE SAMPLED: 6/17/2025

TIME SAMPLED: 4:30 PM

DATE RECEIVED: 6/18/2025

TIME RECEIVED: 10:00 AM

SAMPLED BY: JFR/GCES

**THIS SAMPLE WAS RECEIVED MEOH PRESERVED.

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>Completed</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	6/17/2025	6/24/2025	EPA 5035A
Toluene	ND	50					
Ethylbenzene	ND	50					
Xylene(Total)	ND	150					
1,2,4-Trimethylbenzene	ND	50					
1,3,5-Trimethylbenzene	ND	50					
Naphthalene	ND	250					
2-Methylnaphthalene	ND	250					

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COMPANY: MILLER ENERGY COMPANY II, LLC

PROJECT NO: 2020704025

LOCATION: CURT PFUHL #2

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: HA-5 (5')

GTA PROJECT NO: 061825-11

GTA SAMPLE NO: 14

DATE SAMPLED: 6/17/2025

TIME SAMPLED: 3:05 PM

DATE RECEIVED: 6/18/2025

TIME RECEIVED: 10:00 AM

SAMPLED BY: JFR/GCES

**THIS SAMPLE WAS RECEIVED MEOH PRESERVED.

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>Completed</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	6/17/2025	6/24/2025	EPA 5035A
Toluene	ND	50					
Ethylbenzene	360	50					
Xylene(Total)	1,100	150					
1,2,4-Trimethylbenzene	1,800	50					
1,3,5-Trimethylbenzene	270	50					
Naphthalene	ND	250					
2-Methylnaphthalene	570	250					

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**INDEPENDENT TESTING LAB**

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COMPANY: MILLER ENERGY COMPANY II, LLC

PROJECT NO: 2020704025

LOCATION: CURT PFUHL #2

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: HA-6 (2')

GTA PROJECT NO: 061825-11

GTA SAMPLE NO: 15

DATE SAMPLED: 6/17/2025

TIME SAMPLED: 3:40 PM

DATE RECEIVED: 6/18/2025

TIME RECEIVED: 10:00 AM

SAMPLED BY: JFR/GCES

**THIS SAMPLE WAS RECEIVED MEOH PRESERVED.

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>Completed</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	6/17/2025	6/24/2025	EPA 5035A
Toluene	ND	50					
Ethylbenzene	1,200	50					
Xylene(Total)	8,900	150					
1,2,4-Trimethylbenzene	16,000	50					
1,3,5-Trimethylbenzene	4,400	50					
Naphthalene	710	250					
2-Methylnaphthalene	5,100	250					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

**INDEPENDENT TESTING LAB**

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PH: 231-929-0905

FAX: 231-929-0894

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COMPANY: MILLER ENERGY COMPANY II, LLC

PROJECT NO: 2020704025

LOCATION: CURT PFUHL #2

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: HA-6 (5.5')

GTA PROJECT NO: 061825-11

GTA SAMPLE NO: 16

DATE SAMPLED: 6/17/2025

TIME SAMPLED: 4:10 PM

DATE RECEIVED: 6/18/2025

TIME RECEIVED: 10:00 AM

SAMPLED BY: JFR/GCES

**THIS SAMPLE WAS RECEIVED MEOH PRESERVED.

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>Completed</u>	<u>Prep Method</u>
Benzene	360	50	ug/Kg (PPB)	MR	6/17/2025	6/24/2025	EPA 5035A
Toluene	ND	50					
Ethylbenzene	ND	50					
Xylene(Total)	1,400	150					
1,2,4-Trimethylbenzene	1,100	50					
1,3,5-Trimethylbenzene	210	50					
Naphthalene	ND	250					
2-Methylnaphthalene	ND	250					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.

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LOD = LIMIT OF DETECTION

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COMPANY: MILLER ENERGY COMPANY II, LLC
PROJECT NO: 2020704025
LOCATION: CURT PFUHL #2
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-1

GTA PROJECT NO: 061825-11
GTA SAMPLE NO: 17
DATE SAMPLED: 6/17/2025
TIME SAMPLED: 4:55 PM
DATE RECEIVED: 6/18/2025
TIME RECEIVED: 10:00 AM
SAMPLED BY: JFR/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 Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		6/20/2025	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: 2020704025

LOCATION: CURT PFUHL #2

MI

SAMPLE MATRIX: WATER

SAMPLE ID: MW-2

GTA PROJECT NO: 061825-11

GTA SAMPLE NO: 18

DATE SAMPLED: 6/17/2025

TIME SAMPLED: 5:05 PM

DATE RECEIVED: 6/18/2025

TIME RECEIVED: 10:00 AM

SAMPLED BY: JFR/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 Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		6/20/2025	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	28	1.0					
1,3,5-Trimethylbenzene	4.0	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: 2020704025

LOCATION: CURT PFUHL #2

MI

SAMPLE MATRIX: WATER

SAMPLE ID: MW-3

GTA PROJECT NO: 061825-11

GTA SAMPLE NO: 19

DATE SAMPLED: 6/17/2025

TIME SAMPLED: 5:10 PM

DATE RECEIVED: 6/18/2025

TIME RECEIVED: 10:00 AM

SAMPLED BY: JFR/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 Completed</u>	<u>Prep Method</u>
Benzene	180	1.0	ug/L (PPB)	MR		6/20/2025	EPA 5030B
Toluene	1.7	1.0					
Ethylbenzene	110	1.0					
Xylene(Total)	740	3.0					
1,2,4-Trimethylbenzene	200	1.0					
1,3,5-Trimethylbenzene	45	1.0					
Naphthalene	7.5	5.0					
2-Methylnaphthalene	7.6	5.0					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.

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GTA PROJECT NO: 061825-11

PROJECT NO: 2020704025

GTA SAMPLE NO: 1

LOCATION: CURT PFUHL #2

DATE SAMPLED: 6/16/2025

TIME SAMPLED: 1:00 PM

DATE RECEIVED: 6/18/2025

TIME RECEIVED: 10:00 AM

MI

SAMPLED BY: JFR/GCES

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-1 (4')

CHLORIDE EPA 300.0

Concentration

400

LOD

130

Units

mg/Kg (PPM)

Analyst

KC/AS

Date Completed

6/24/2025

Sample Matrix

SOIL

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: 061825-11

PROJECT NO: 2020704025

GTA SAMPLE NO: 2

LOCATION: CURT PFUHL #2

DATE SAMPLED: 6/16/2025

TIME SAMPLED: 1:10 PM

DATE RECEIVED: 6/18/2025

TIME RECEIVED: 10:00 AM

MI

SAMPLED BY: JFR/GCES

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-1 (6')

CHLORIDE EPA 300.0

Concentration

550

LOD

120

Units

mg/Kg (PPM)

Analyst

KC/AS

Date Completed

6/24/2025

Sample Matrix

SOIL

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: 061825-11

PROJECT NO: 2020704025

GTA SAMPLE NO: 3

LOCATION: CURT PFUHL #2

DATE SAMPLED: 6/16/2025

TIME SAMPLED: 3:15 PM

DATE RECEIVED: 6/18/2025

TIME RECEIVED: 10:00 AM

MI

SAMPLED BY: JFR/GCES

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-2 (5.5')

CHLORIDE EPA 300.0

Concentration

LOD

Units

Analyst

Date Completed

Sample Matrix

ND

130

mg/Kg (PPM) KC/AS

6/24/2025

SOIL

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: 061825-11

PROJECT NO: 2020704025

GTA SAMPLE NO: 4

LOCATION: CURT PFUHL #2

DATE SAMPLED: 6/17/2025

TIME SAMPLED: 8:30 AM

DATE RECEIVED: 6/18/2025

TIME RECEIVED: 10:00 AM

MI

SAMPLED BY: JFR/GCES

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-2 (7.5')

CHLORIDE EPA 300.0

Concentration

LOD

Units

Analyst

Date Completed

Sample Matrix

ND

130

mg/Kg (PPM) KC/AS

6/24/2025

SOIL

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: 061825-11

PROJECT NO: 2020704025

GTA SAMPLE NO: 5

LOCATION: CURT PFUHL #2

DATE SAMPLED: 6/17/2025

TIME SAMPLED: 10:50 AM

DATE RECEIVED: 6/18/2025

TIME RECEIVED: 10:00 AM

MI

SAMPLED BY: JFR/GCES

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: HA-2 (4')

CHLORIDE EPA 300.0

Concentration

LOD

Units

Analyst

Date Completed

Sample Matrix

220

110

mg/Kg (PPM) KC/AS

6/24/2025

SOIL

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: 061825-11

PROJECT NO: 2020704025

GTA SAMPLE NO: 6

LOCATION: CURT PFUHL #2

DATE SAMPLED: 6/17/2025

TIME SAMPLED: 11:00 AM

DATE RECEIVED: 6/18/2025

TIME RECEIVED: 10:00 AM

MI

SAMPLED BY: JFR/GCES

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: HA-2 (5.5')

CHLORIDE EPA 300.0

Concentration

LOD

Units

Analyst

Date Completed

Sample Matrix

260

130

mg/Kg (PPM) KC/AS

6/24/2025

SOIL

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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



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GTA PROJECT NO: 061825-11

PROJECT NO: 2020704025

GTA SAMPLE NO: 7

LOCATION: CURT PFUHL #2

DATE SAMPLED: 6/17/2025

TIME SAMPLED: 11:30 AM

DATE RECEIVED: 6/18/2025

TIME RECEIVED: 10:00 AM

MI

SAMPLED BY: JFR/GCES

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: HA-3 (4')

CHLORIDE EPA 300.0

Concentration

440

LOD

120

Units

mg/Kg (PPM)

Analyst

KC/AS

Date Completed

6/24/2025

Sample Matrix

SOIL

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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



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GTA PROJECT NO: 061825-11

PROJECT NO: 2020704025

GTA SAMPLE NO: 8

LOCATION: CURT PFUHL #2

DATE SAMPLED: 6/17/2025

TIME SAMPLED: 11:55 AM

DATE RECEIVED: 6/18/2025

TIME RECEIVED: 10:00 AM

MI

SAMPLED BY: JFR/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: HA-4 (2')						
	CHLORIDE EPA 300.0	1,100	120	mg/Kg (PPM)	KC/AS	6/24/2025	SOIL

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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



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GTA PROJECT NO: 061825-11

PROJECT NO: 2020704025

GTA SAMPLE NO: 9

LOCATION: CURT PFUHL #2

DATE SAMPLED: 6/17/2025

TIME SAMPLED: 12:05 PM

DATE RECEIVED: 6/18/2025

TIME RECEIVED: 10:00 AM

MI

SAMPLED BY: JFR/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: HA-4 (5')						
	CHLORIDE EPA 300.0	1,100	140	mg/Kg (PPM)	KC/AS	6/24/2025	SOIL

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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



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GTA PROJECT NO: 061825-11

PROJECT NO: 2020704025

GTA SAMPLE NO: 10

LOCATION: CURT PFUHL #2

DATE SAMPLED: 6/17/2025

TIME SAMPLED: 12:50 PM

DATE RECEIVED: 6/18/2025

TIME RECEIVED: 10:00 AM

MI

SAMPLED BY: JFR/GCES

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-4 (3.5')

CHLORIDE EPA 300.0

Concentration

LOD

Units

Analyst

Date Completed

Sample Matrix

ND

120

mg/Kg (PPM) KC/AS

6/24/2025

SOIL

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: 061825-11

PROJECT NO: 2020704025

GTA SAMPLE NO: 11

LOCATION: CURT PFUHL #2

DATE SAMPLED: 6/17/2025

TIME SAMPLED: 1:40 PM

DATE RECEIVED: 6/18/2025

TIME RECEIVED: 10:00 AM

MI

SAMPLED BY: JFR/GCES

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-4B (4')

CHLORIDE EPA 300.0

Concentration

150

LOD

120

Units

mg/Kg (PPM)

Analyst

KC/AS

Date Completed

6/24/2025

Sample Matrix

SOIL

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: 2020704025

LOCATION: CURT PFUHL #2

GTA PROJECT NO: 061825-11

GTA SAMPLE NO: 12

DATE SAMPLED: 6/17/2025

TIME SAMPLED: 2:15 PM

DATE RECEIVED: 6/18/2025

TIME RECEIVED: 10:00 AM

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

SAMPLE ID: MW-4B (8.5')

CHLORIDE EPA 300.0

Concentration

2,600

LOD

130

Units

mg/Kg (PPM)

Analyst

KC/AS

Date Completed

6/24/2025

Sample Matrix

SOIL

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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



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GTA PROJECT NO: 061825-11

PROJECT NO: 2020704025

GTA SAMPLE NO: 13

LOCATION: CURT PFUHL #2

DATE SAMPLED: 6/17/2025

TIME SAMPLED: 4:30 PM

DATE RECEIVED: 6/18/2025

TIME RECEIVED: 10:00 AM

SAMPLED BY: MI
JFR/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: HA-5 (2')							
CHLORIDE EPA 300.0		ND	110	mg/Kg (PPM)	KC/AS	6/24/2025	SOIL

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: 061825-11

GTA SAMPLE NO: 14

PROJECT NO: 2020704025

LOCATION: CURT PFUHL #2

DATE SAMPLED: 6/17/2025

TIME SAMPLED: 3:05 PM

DATE RECEIVED: 6/18/2025

TIME RECEIVED: 10:00 AM

MI

SAMPLED BY: JFR/GCES

SAMPLE ANALYSIS**No: Analysis**

SAMPLE ID: HA-5 (5')

CHLORIDE EPA 300.0

Concentration

1,800

LOD

130

Units

mg/Kg (PPM)

Analyst

KC/AS

Date Completed

6/24/2025

Sample Matrix

SOIL

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: 2020704025

LOCATION: CURT PFUHL #2

GTA PROJECT NO: 061825-11

GTA SAMPLE NO: 15

DATE SAMPLED: 6/17/2025

TIME SAMPLED: 3:40 PM

DATE RECEIVED: 6/18/2025

TIME RECEIVED: 10:00 AM

SAMPLED BY: MI
JFR/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: HA-6 (2')							
CHLORIDE EPA 300.0		ND	110	mg/Kg (PPM)	KC/AS	6/24/2025	SOIL

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: 061825-11

PROJECT NO: 2020704025

GTA SAMPLE NO: 16

LOCATION: CURT PFUHL #2

DATE SAMPLED: 6/17/2025

TIME SAMPLED: 4:10 PM

DATE RECEIVED: 6/18/2025

TIME RECEIVED: 10:00 AM

MI

SAMPLED BY: JFR/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: HA-6 (5.5')						
	CHLORIDE EPA 300.0	580	120	mg/Kg (PPM)	KC/AS	6/24/2025	SOIL

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: 061825-11

PROJECT NO: 2020704025

GTA SAMPLE NO: 17

LOCATION: CURT PFUHL #2

DATE SAMPLED: 6/17/2025

TIME SAMPLED: 4:55 PM

DATE RECEIVED: 6/18/2025

TIME RECEIVED: 10:00 AM

MI

SAMPLED BY: JFR/GCES

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-1

CHLORIDE EPA 300.0

Concentration

LOD

Units

Analyst

Date Completed

Sample Matrix

410

10

mg/L (PPM)

KC/AA

6/24/2025

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: 2020704025

LOCATION: CURT PFUHL #2

GTA PROJECT NO: 061825-11

GTA SAMPLE NO: 18

DATE SAMPLED: 6/17/2025

TIME SAMPLED: 5:05 PM

DATE RECEIVED: 6/18/2025

TIME RECEIVED: 10:00 AM

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

SAMPLE ID: MW-2

CHLORIDE EPA 300.0

Concentration

160

LOD

10

Units

mg/L (PPM)

Analyst

KC/AA

Date Completed

6/24/2025

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: 2020704025

LOCATION: CURT PFUHL #2

GTA PROJECT NO: 061825-11

GTA SAMPLE NO: 19

DATE SAMPLED: 6/17/2025

TIME SAMPLED: 5:10 PM

DATE RECEIVED: 6/18/2025

TIME RECEIVED: 10:00 AM

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

SAMPLE ID: MW-3

CHLORIDE EPA 300.0

Concentration

8,700

LOD

100

Units

mg/L (PPM)

Analyst

KC/AA

Date Completed

6/24/2025

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

GTA PROJECT NO: 061825-11

NAME:
PROJECT NO: 2020704025

SAMPLED BY: JFR/GCES

DATE SAMPLED: 6/16/2025

LOCATION: CURT PFUHL #2

SAMPLE MATRIX: SOIL

DATE RECEIVED: 6/18/2025
TIME RECEIVED: 10:00 AM

MI

MOISTURE

No: Analysis	Concentration	LOD	Units	Analyst	Date Completed
SAMPLE ID: MW-1 (4') % MOISTURE EPA 3550C	18	0.10	% OF SAMPLE	AA	6/18/2025
SAMPLE ID: MW-1 (6') % MOISTURE EPA 3550C	19	0.10	% OF SAMPLE	AA	6/18/2025
SAMPLE ID: MW-2 (5.5') % MOISTURE EPA 3550C	19	0.10	% OF SAMPLE	AA	6/18/2025
SAMPLE ID: MW-2 (7.5') % MOISTURE EPA 3550C	19	0.10	% OF SAMPLE	AA	6/18/2025
SAMPLE ID: HA-2 (4') % MOISTURE EPA 3550C	13	0.10	% OF SAMPLE	AA	6/18/2025
SAMPLE ID: HA-2 (5.5') % MOISTURE EPA 3550C	20	0.10	% OF SAMPLE	AA	6/18/2025
SAMPLE ID: HA-3 (4') % MOISTURE EPA 3550C	18	0.10	% OF SAMPLE	AA	6/18/2025
SAMPLE ID: HA-4 (2') % MOISTURE EPA 3550C	17	0.10	% OF SAMPLE	AA	6/18/2025
SAMPLE ID: HA-4 (5') % MOISTURE EPA 3550C	25	0.10	% OF SAMPLE	AA	6/18/2025
SAMPLE ID: MW-4 (3.5') % MOISTURE EPA 3550C	14	0.10	% OF SAMPLE	AA	6/18/2025
SAMPLE ID: MW-4B (4') % MOISTURE EPA 3550C	20	0.10	% OF SAMPLE	AA	6/18/2025
SAMPLE ID: MW-4B (8.5') % MOISTURE EPA 3550C	23	0.10	% OF SAMPLE	AA	6/18/2025
SAMPLE ID: HA-5 (2') % MOISTURE EPA 3550C	8.4	0.10	% OF SAMPLE	AA	6/18/2025
SAMPLE ID: HA-5 (5') % MOISTURE EPA 3550C	25	0.10	% OF SAMPLE	AA	6/18/2025



INDEPENDENT TESTING LAB

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

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MI

MOISTURE

No: Analysis

SAMPLE ID: HA-6 (2')

% MOISTURE EPA 3550C

SAMPLE ID: HA-6 (5.5')

% MOISTURE EPA 3550C

<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u> <u>Completed</u>
8.5	0.10	% OF SAMPLE	AA	6/18/2025
20	0.10	% OF SAMPLE	AA	6/18/2025

CHAIN OF CUSTODY

PROJECT NUMBER 2020704025	SITE NAME/ADDRESS Curt Pfuhl #2	COMPANY/NAME Miller Energy
SAMPLED BY JFR	COMPANY GCES	GTA PROJECT # 061825-11

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	MW-1 (4')	6/16/25	1300	Soil	BTEX + H ₂ O, chloride
2	MW-1 (6')		1310		
3	MW-2 (5.5')		1515		
4	MW-2 (7.5')	6/17/25	8:30		
5	HA-2 (4')		10:50		
6	HA-2 (5.5')		11:00		
7	HA-3 (4')		11:30		
8	HA-4 (2')		11:55		
9	HA-4 (5')		12:05		
10	MW-4 (3 1/2')		12:50		
11	MW-4b (4')		13:40		
12	MW-4b (8 1/2')		14:15		
13	HA-5 (2')		16:30		
14	HA-5 (5')		15:05		
15	HA-6 (2')		15:40		

BILL TO:

Miller Energy Company

TempRec: ☐

On Ice? ☒ ☐

2.6°C

REPORT TO:

E. Vincke

RELEASED BY

DATE/TIME

RECEIVED BY

DATE/TIME

[Signature] 6-18-25/09:59

[Signature] 6-18-25 10A

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

