

**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: 2022704005

GTA ProjNo: 061522-3

Site Addr: FRED SHEAHAN 3-A

Sampled By: E. VINCKE/GCES

Date Rec: 6/15/2022

Time Rec: 10:20 AM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	SW-1	6/14/2022	4:28 PM	SOIL
2	SW-2	6/14/2022	4:31 PM	SOIL
3	SW-3	6/14/2022	4:36 PM	SOIL
4	SW-4	6/14/2022	4:46 PM	SOIL
5	FLR-1	6/14/2022	4:50 PM	SOIL
6	FLR-2	6/14/2022	4:56 PM	SOIL
7	FLR-3	6/14/2022	5:02 PM	SOIL
8	FLR-4	6/14/2022	5:07 PM	SOIL
9	FLR-5	6/14/2022	5:15 PM	SOIL
10	FLR-6	6/14/2022	5:21 PM	SOIL

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
Ph: 231-929-0905
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COMPANY: MILLER ENERGY COMPANY II, LLC

PROJECT NO: 2022704005

LOCATION: FRED SHEAHAN 3-A

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: SW-1

GTA PROJECT NO: 061522-3

GTA SAMPLE NO: 1

DATE SAMPLED: 6/14/2022

TIME SAMPLED: 4:28 PM

DATE RECEIVED: 6/15/2022

TIME RECEIVED: 10:20 AM

SAMPLED BY: E. VINCKE/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>Complete</u>	<u>Prep Method</u>
Benzene	140	50	ug/Kg (PPB)	MR	6/14/2022	6/16/2022	EPA 5035A
Toluene	130	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					

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: 2022704005

LOCATION: FRED SHEAHAN 3-A

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: SW-2

GTA PROJECT NO: 061522-3

GTA SAMPLE NO: 2

DATE SAMPLED: 6/14/2022

TIME SAMPLED: 4:31 PM

DATE RECEIVED: 6/15/2022

TIME RECEIVED: 10:20 AM

SAMPLED BY: E. VINCKE/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>Complete</u>	<u>Prep Method</u>
Benzene	8,100	100	ug/Kg (PPB)	MR	6/14/2022	6/16/2022	EPA 5035A
Toluene	33,000	1,000					
Ethylbenzene	9,500	1,000					
Xylene(Total)	50,000	3,000					
1,2,4-Trimethylbenzene	20,000	1,000					
1,3,5-Trimethylbenzene	11,000	1,000					
Naphthalene	820	500					
2-Methylnaphthalene	2,700	500					

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COMPANY: MILLER ENERGY COMPANY II, LLC

PROJECT NO: 2022704005

LOCATION: FRED SHEAHAN 3-A

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: SW-3

GTA PROJECT NO: 061522-3

GTA SAMPLE NO: 3

DATE SAMPLED: 6/14/2022

TIME SAMPLED: 4:36 PM

DATE RECEIVED: 6/15/2022

TIME RECEIVED: 10:20 AM

SAMPLED BY: E. VINCKE/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>Complete</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	6/14/2022	6/15/2022	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: 2022704005

LOCATION: FRED SHEAHAN 3-A

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: SW-4

GTA PROJECT NO: 061522-3

GTA SAMPLE NO: 4

DATE SAMPLED: 6/14/2022

TIME SAMPLED: 4:46 PM

DATE RECEIVED: 6/15/2022

TIME RECEIVED: 10:20 AM

SAMPLED BY: E. VINCKE/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>Complete</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	6/14/2022	6/15/2022	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: 2022704005

LOCATION: FRED SHEAHAN 3-A

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: FLR-1

GTA PROJECT NO: 061522-3

GTA SAMPLE NO: 5

DATE SAMPLED: 6/14/2022

TIME SAMPLED: 4:50 PM

DATE RECEIVED: 6/15/2022

TIME RECEIVED: 10:20 AM

SAMPLED BY: E. VINCKE/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>Complete</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	6/14/2022	6/15/2022	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					

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

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COMPANY: MILLER ENERGY COMPANY II, LLC

PROJECT NO: 2022704005

LOCATION: FRED SHEAHAN 3-A

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: FLR-2

GTA PROJECT NO: 061522-3

GTA SAMPLE NO: 6

DATE SAMPLED: 6/14/2022

TIME SAMPLED: 4:56 PM

DATE RECEIVED: 6/15/2022

TIME RECEIVED: 10:20 AM

SAMPLED BY: E. VINCKE/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>Complete</u>	<u>Prep Method</u>
Benzene	67	50	ug/Kg (PPB)	MR	6/14/2022	6/16/2022	EPA 5035A
Toluene	200	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					

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

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COMPANY: MILLER ENERGY COMPANY II, LLC

PROJECT NO: 2022704005

LOCATION: FRED SHEAHAN 3-A

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: FLR-3

GTA PROJECT NO: 061522-3

GTA SAMPLE NO: 7

DATE SAMPLED: 6/14/2022

TIME SAMPLED: 5:02 PM

DATE RECEIVED: 6/15/2022

TIME RECEIVED: 10:20 AM

SAMPLED BY: E. VINCKE/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>Complete</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	6/14/2022	6/15/2022	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: 2022704005

LOCATION: FRED SHEAHAN 3-A

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: FLR-4

GTA PROJECT NO: 061522-3

GTA SAMPLE NO: 8

DATE SAMPLED: 6/14/2022

TIME SAMPLED: 5:07 PM

DATE RECEIVED: 6/15/2022

TIME RECEIVED: 10:20 AM

SAMPLED BY: E. VINCKE/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>Complete</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	6/14/2022	6/15/2022	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: 2022704005

LOCATION: FRED SHEAHAN 3-A

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: FLR-5

GTA PROJECT NO: 061522-3

GTA SAMPLE NO: 9

DATE SAMPLED: 6/14/2022

TIME SAMPLED: 5:15 PM

DATE RECEIVED: 6/15/2022

TIME RECEIVED: 10:20 AM

SAMPLED BY: E. VINCKE/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>Complete</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	6/14/2022	6/15/2022	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: 2022704005

LOCATION: FRED SHEAHAN 3-A

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: FLR-6

GTA PROJECT NO: 061522-3

GTA SAMPLE NO: 10

DATE SAMPLED: 6/14/2022

TIME SAMPLED: 5:21 PM

DATE RECEIVED: 6/15/2022

TIME RECEIVED: 10:20 AM

SAMPLED BY: E. VINCKE/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>Complete</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB)	MR	6/14/2022	6/15/2022	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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PH: 231-929-0905

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COMPANY: MILLER ENERGY COMPANY II, LLC

GTA PROJECT NO: 061522-

NAME:

SAMPLED BY: E. VINCKE/GCES

PROJECT NO: 2022704005

DATE SAMPLED: 6/14/2022

LOCATION: FRED SHEAHAN 3-A

SAMPLE MATRIX: SOIL

DATE RECEIVED: 6/15/2022

TIME RECEIVED: 10:20 AM

MI

MOISTURE

No:	Analysis	Concentration	LOD	Units	Analyst	Date Completed
SAMPLE ID: SW-1	% MOISTURE EPA 3550C	17	0.050	% OF SAMPLE	AS	6/15/2022
SAMPLE ID: SW-2	% MOISTURE EPA 3550C	18	0.050	% OF SAMPLE	AS	6/15/2022
SAMPLE ID: SW-3	% MOISTURE EPA 3550C	20	0.050	% OF SAMPLE	AS	6/15/2022
SAMPLE ID: SW-4	% MOISTURE EPA 3550C	15	0.050	% OF SAMPLE	AS	6/15/2022
SAMPLE ID: FLR-1	% MOISTURE EPA 3550C	20	0.050	% OF SAMPLE	AS	6/15/2022
SAMPLE ID: FLR-2	% MOISTURE EPA 3550C	11	0.050	% OF SAMPLE	AS	6/15/2022
SAMPLE ID: FLR-3	% MOISTURE EPA 3550C	15	0.050	% OF SAMPLE	AS	6/15/2022
SAMPLE ID: FLR-4	% MOISTURE EPA 3550C	18	0.050	% OF SAMPLE	AS	6/15/2022
SAMPLE ID: FLR-5	% MOISTURE EPA 3550C	16	0.050	% OF SAMPLE	AS	6/15/2022
SAMPLE ID: FLR-6	% MOISTURE EPA 3550C	17	0.050	% OF SAMPLE	AS	6/15/2022

INDEPENDENT TESTING LAB

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PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

CHAIN OF CUSTODY

PROJECT NUMBER 2022704005	SITE NAME/ADDRESS Fred Sheahan 3-A	COMPANY/NAME MEC
SAMPLED BY E. Vincke	COMPANY GCES	GTA PROJECT # 061522-3

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	SW-1	6-14-22	16:28	Soil	BTEX +4
2	SW-2	↓	16:31	↓	↓
3	SW-3		16:36		
4	SW-4		16:46		
5	FLR-1		16:50		
6	FLR-2		16:56		
7	FLR-3		17:02		
8	FLR-4		17:07		
9	FLR-5		17:15		
10	FLR-6		17:21		

BILL TO: MEC	TempRec: ☐ 7.10C	On Ice? ☒ Y ☐ N	REPORT TO: E. Vincke - GCES
RELEASED BY E. Vincke	DATE/TIME 6-15-22/10:20	RECEIVED BY K. Vincke	DATE/TIME 6/15/22 10:20
REQUESTED TAT ☐ STANDARD ☒ 1 BUSINESS DAY ☐ 2 BUSINESS DAYS ☐ 3 BUSINESS DAYS			