

**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: 2022704005.01

GTA ProjNo: 070122-7

Site Addr: ROSEBUSH SPILL (FRED SHEEHAN 3A)

Sampled By: MAX KORNDORFER/GCES

Date Rec: 7/1/2022

Time Rec: 11:15 AM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	FLR-1	6/29/2022		SOIL
2	FLR-2	6/29/2022		SOIL
3	SW-1	6/29/2022		SOIL
4	SW-2	6/29/2022		SOIL
5	SW-3	6/29/2022		SOIL
6	SOURCE WATER - HOLD	6/30/2022		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: 2022704005.01
LOCATION: ROSEBUSH SPILL (FRED SHEEHAN 3A)

MI
SAMPLE MATRIX: SOIL
SAMPLE ID: FLR-1

GTA PROJECT NO: 070122-7
GTA SAMPLE NO: 1
DATE SAMPLED: 6/29/2022
TIME SAMPLED:
DATE RECEIVED: 7/1/2022
TIME RECEIVED: 11:15 AM

SAMPLED BY: MAX KORNDORFER/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	6/29/2022	7/5/2022	EPA 5035A
Toluene	ND	50					
Ethylbenzene	ND	50					
Xylene(Total)	ND	150					
1,2,4-Trimethylbenzene	ND	50					
1,3,5-Trimethylbenzene	130	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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PROJECT NO: 2022704005.01
LOCATION: ROSEBUSH SPILL (FRED SHEEHAN 3A)

MI
SAMPLE MATRIX: SOIL
SAMPLE ID: FLR-2

GTA PROJECT NO: 070122-7
GTA SAMPLE NO: 2
DATE SAMPLED: 6/29/2022
TIME SAMPLED:
DATE RECEIVED: 7/1/2022
TIME RECEIVED: 11:15 AM

SAMPLED BY: MAX KORNDORFER/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	6/29/2022	7/5/2022	EPA 5035A
Toluene	ND	50					
Ethylbenzene	ND	50					
Xylene(Total)	180	150					
1,2,4-Trimethylbenzene	52	50					
1,3,5-Trimethylbenzene	700	50					
Naphthalene	ND	250					
2-Methylnaphthalene	310	250					

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COMPANY: MILLER ENERGY COMPANY II, LLC
PROJECT NO: 2022704005.01
LOCATION: ROSEBUSH SPILL (FRED SHEEHAN 3A)

GTA PROJECT NO: 070122-7
GTA SAMPLE NO: 3

DATE SAMPLED: 6/29/2022
TIME SAMPLED:
DATE RECEIVED: 7/1/2022
TIME RECEIVED: 11:15 AM

MI
SAMPLE MATRIX: SOIL
SAMPLE ID: SW-1

SAMPLED BY: MAX KORNDORFER/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	130	50	ug/Kg (PPB)	MR	6/29/2022	7/5/2022	EPA 5035A
Toluene	460	50					
Ethylbenzene	73	50					
Xylene(Total)	430	150					
1,2,4-Trimethylbenzene	110	50					
1,3,5-Trimethylbenzene	140	50					
Naphthalene	ND	250					
2-Methylnaphthalene	ND	250					

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COMPANY: MILLER ENERGY COMPANY II, LLC
PROJECT NO: 2022704005.01
LOCATION: ROSEBUSH SPILL (FRED SHEEHAN 3A)

MI
SAMPLE MATRIX: SOIL
SAMPLE ID: SW-2

GTA PROJECT NO: 070122-7
GTA SAMPLE NO: 4
DATE SAMPLED: 6/29/2022
TIME SAMPLED:
DATE RECEIVED: 7/1/2022
TIME RECEIVED: 11:15 AM

SAMPLED BY: MAX KORNDORFER/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	6/29/2022	7/5/2022	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: 2022704005.01
LOCATION: ROSEBUSH SPILL (FRED SHEEHAN 3A)

MI
SAMPLE MATRIX: SOIL
SAMPLE ID: SW-3

GTA PROJECT NO: 070122-7
GTA SAMPLE NO: 5
DATE SAMPLED: 6/29/2022
TIME SAMPLED:
DATE RECEIVED: 7/1/2022
TIME RECEIVED: 11:15 AM

SAMPLED BY: MAX KORNDORFER/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	6/29/2022	7/5/2022	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

GTA PROJECT NO: 070122-

NAME:

SAMPLED BY: MAX KORNDORFER/GCES

PROJECT NO: 2022704005.01

DATE SAMPLED: 6/29/2022

LOCATION: ROSEBUSH SPILL (FRED SHEEHAN 3A)

SAMPLE MATRIX: SOIL

DATE RECEIVED: 7/1/2022

TIME RECEIVED: 11:15 AM

MI

MOISTURE

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>
SAMPLE ID: FLR-1	% MOISTURE EPA 3550C	41	0.050	% OF SAMPLE	AS	7/1/2022
SAMPLE ID: FLR-2	% MOISTURE EPA 3550C	45	0.050	% OF SAMPLE	AS	7/1/2022
SAMPLE ID: SW-1	% MOISTURE EPA 3550C	27	0.050	% OF SAMPLE	AS	7/1/2022
SAMPLE ID: SW-2	% MOISTURE EPA 3550C	33	0.050	% OF SAMPLE	AS	7/1/2022
SAMPLE ID: SW-3	% MOISTURE EPA 3550C	25	0.050	% OF SAMPLE	AS	7/1/2022

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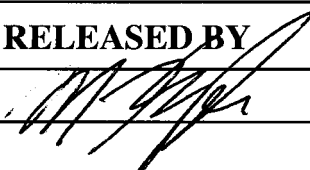
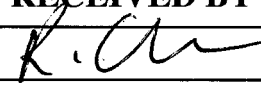
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CHAIN OF CUSTODY

PROJECT NUMBER 2022 704005.01	SITE NAME/ADDRESS Rosebush Spill (Fred Sheehan - 3A)	COMPANY/NAME Miller Energy Company
SAMPLED BY M. Kromer	COMPANY GLES.	GTA PROJECT # 070122-7

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	FLR-1	6-29-22		Soil	BTEX+4, CI
2	FLR-2	↑ ↓		Soil	↓ ↓
3	SW-1			Soil	
4	SW-2			Soil	
5	SW-3			Soil	
6	Source Water	6-30-22		Water	

BILL TO: GLES	TempRec: ☐ -6.50C	On Ice? ☒ ☐	REPORT TO: Eric Vincke
RELEASED BY 	DATE/TIME 7-1-22 11:15 a	RECEIVED BY 	DATE/TIME 7/1/22 11:15 am
REQUESTED TAT ☐ STANDARD ☐ 1 BUSINESS DAY ☐ 2 BUSINESS DAYS ☐ 3 BUSINESS DAYS			