

**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: 2020704024.01

GTA ProjNo: 051322-8

Site Addr: ST. HELEN 15-48

Sampled By: ERIC VINCKE/GCES

Date Rec: 5/13/2022

Time Rec: 3:05 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	SB-2022-1-2' - HOLD	5/13/2022	11:10 AM	SOIL
2	SB-2022-1-5' - HOLD	5/13/2022	11:24 AM	SOIL
3	SB-2022-1-13' - HOLD	5/13/2022	11:32 AM	SOIL
4	SB-2022-1-15'	5/13/2022	11:38 AM	SOIL
5	SB-2022-2-13'	5/13/2022	12:03 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
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COMPANY: MILLER ENERGY COMPANY II, LLC

PROJECT NO: 2020704024.01

LOCATION: ST. HELEN 15-48

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: SB-2022-1-15'

GTA PROJECT NO: 051322-8

GTA SAMPLE NO: 4

DATE SAMPLED: 5/13/2022

TIME SAMPLED: 11:38 AM

DATE RECEIVED: 5/13/2022

TIME RECEIVED: 3:05 PM

SAMPLED BY: ERIC 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		5/13/2022	5/17/2022	EPA 5035A
Toluene	ND	50					
Ethylbenzene	2,600	50					
Xylene(Total)	12,000	150					
1,2,4-Trimethylbenzene	6,900	50					
1,3,5-Trimethylbenzene	3,200	50					
Naphthalene	1,000	250					
2-Methylnaphthalene	3,800	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: 2020704024.01

LOCATION: ST. HELEN 15-48

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: SB-2022-2-13'

GTA PROJECT NO: 051322-8

GTA SAMPLE NO: 5

DATE SAMPLED: 5/13/2022

TIME SAMPLED: 12:03 PM

DATE RECEIVED: 5/13/2022

TIME RECEIVED: 3:05 PM

SAMPLED BY: ERIC 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		5/13/2022	5/17/2022	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.

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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COMPANY: MILLER ENERGY COMPANY II, LLC

NAME:

PROJECT NO: 2020704024.01

GTA PROJECT NO: 051322-

SAMPLED BY: ERIC VINCKE/GCES

DATE SAMPLED: 5/13/2022

LOCATION: ST. HELEN 15-48

SAMPLE MATRIX: SOIL

DATE RECEIVED: 5/13/2022

TIME RECEIVED: 3:05 PM

MI

MOISTURE

No:	Analysis	Concentration	LOD	Units	Analyst	Date Completed
	SAMPLE ID: SB-2022-1-2' - HOLD % MOISTURE EPA 3550C	2.7	0.050	% OF SAMPLE	AS	5/13/2022
	SAMPLE ID: SB-2022-1-5' - HOLD % MOISTURE EPA 3550C	4.8	0.050	% OF SAMPLE	AS	5/13/2022
	SAMPLE ID: SB-2022-1-13' - HOLD % MOISTURE EPA 3550C	4.5	0.050	% OF SAMPLE	AS	5/13/2022
	SAMPLE ID: SB-2022-1-15' % MOISTURE EPA 3550C	9.3	0.050	% OF SAMPLE	AS	5/13/2022
	SAMPLE ID: SB-2022-2-13' % MOISTURE EPA 3550C	5.8	0.050	% OF SAMPLE	AS	5/13/2022

CHAIN OF CUSTODY

PROJECT NUMBER 2020704024.01	SITE NAME/ADDRESS St. Helen 15-48	COMPANY/NAME MEC
SAMPLED BY E. Vincke	COMPANY GCES	GTA PROJECT # 051322-8

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
	SB-2022-1-2'	5-13-22	11:10	Soil	BTEX + 4 Hold
	SB-2022-1-5'	↓	11:24	↓	↓ Hold
	SB-2022-1-13'	↓	11:32	↓	↓ Hold
	SB-2022-1-15'	↓	11:38	↓	↓
	SB-2022-2-13'	↓	12:03	↓	↓

BILL TO: MEC	TempRec: ☐ 1.0°C	On Ice? ☒ Y ☐ N	REPORT TO: E. Vincke / GCES
RELEASED BY E. Vincke	DATE/TIME 5-13-22 / 15:05	RECEIVED BY [Signature]	DATE/TIME 5/13/22 1505
REQUESTED TAT ☒ STANDARD ☐ 1 BUSINESS DAY ☐ 2 BUSINESS DAYS ☐ 3 BUSINESS DAYS			