



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: 2023704006

GTA ProjNo: 091323-1

Site Addr: BUCKENBERGER T.B.

Sampled By: E. VINCKE/GCES

Date Rec: 9/13/2023

Time Rec: 9:25 AM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	FLR-1	9/12/2023	9:45 AM	WATER
2	SW-1	9/12/2023	10:27 AM	SOIL
3	SW-2	9/12/2023	10:36 AM	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
Fx: 231-929-0894
SP: 231-590-0291
kirk@gtanalytical.com

**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

PROJECT NO: 2023704006

LOCATION: BUCKENBERGER T.B.

MI

SAMPLE MATRIX: WATER

SAMPLE ID: FLR-1

GTA PROJECT NO: 091323-1

GTA SAMPLE NO: 1

DATE SAMPLED: 9/12/2023

TIME SAMPLED: 9:45 AM

DATE RECEIVED: 9/13/2023

TIME RECEIVED: 9:25 AM

SAMPLED BY: E. VINCKE/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>Completed</u>	<u>Prep Method</u>
Benzene	18	1.0	ug/L (PPB)	MR		9/13/2023	EPA 5030B
Toluene	6.3	1.0					
Ethylbenzene	5.2	1.0					
Xylene(Total)	36	3.0					
1,2,4-Trimethylbenzene	20	1.0					
1,3,5-Trimethylbenzene	8.5	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	5.8	5.0					

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

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

**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

PROJECT NO: 2023704006

LOCATION: BUCKENBERGER T.B.

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: SW-1

GTA PROJECT NO: 091323-1

GTA SAMPLE NO: 2

DATE SAMPLED: 9/12/2023

TIME SAMPLED: 10:27 AM

DATE RECEIVED: 9/13/2023

TIME RECEIVED: 9:25 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>Completed</u>	<u>Prep Method</u>
Benzene	ND	50	ug/Kg (PPB) MR		9/12/2023	9/13/2023	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

COMPANY: MILLER ENERGY COMPANY II, LLC

PROJECT NO: 2023704006

LOCATION: BUCKENBERGER T.B.

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: SW-2

GTA PROJECT NO: 091323-1

GTA SAMPLE NO: 3

DATE SAMPLED: 9/12/2023

TIME SAMPLED: 10:36 AM

DATE RECEIVED: 9/13/2023

TIME RECEIVED: 9:25 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>Completed</u>	<u>Prep Method</u>
Benzene	750	50	ug/Kg (PPB)	MR	9/12/2023	9/13/2023	EPA 5035A
Toluene	ND	50					
Ethylbenzene	610	50					
Xylene(Total)	1,600	150					
1,2,4-Trimethylbenzene	1,000	50					
1,3,5-Trimethylbenzene	300	50					
Naphthalene	280	250					
2-Methylnaphthalene	550	250					

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

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

**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

GTA PROJECT NO: 091323-1

NAME:

SAMPLED BY: E. VINCKE/GCES

PROJECT NO: 2023704006

DATE SAMPLED: 9/12/2023

LOCATION: BUCKENBERGER T.B.

SAMPLE SOIL

DATE RECEIVED: 9/13/2023

TIME RECEIVED: 9:25 AM

MI

MOISTURE**No: Analysis**

SAMPLE ID: SW-1

% MOISTURE EPA 3550C

Concentration**LOD****Units****Analyst****Date
Completed**

50

0.10

% OF SAMPLE

AS

9/13/2023

SAMPLE ID: SW-2

% MOISTURE EPA 3550C

27

0.10

% OF SAMPLE

AS

9/13/2023

CHAIN OF CUSTODY

PROJECT NUMBER 2023704006	SITE NAME/ADDRESS Buckenberger T.B.	COMPANY/NAME MEC
SAMPLED BY E. Vincke	COMPANY GCES	GTA PROJECT # 091323-1

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	FLR-1	9-12-23	09:30 ⁴⁵	GW	BTEX +4
2	SW-1	↓	10:27	Soil	↓ ↓
3	SW-2	↓	10:36	Soil	↓ ↓

BILL TO: MEC	TempRec: ☐	On Ice? ☒ ☐ 0.6°C	REPORT TO: E. Vincke / L. Dyke
RELEASED BY E. Vincke	DATE/TIME 9-13-23 / 09:20	RECEIVED BY [Signature]	DATE/TIME 9-13-23 9:25
REQUESTED TAT ☐ STANDARD ☒ 1 BUSINESS DAY ☐ 2 BUSINESS DAYS ☐ 3 BUSINESS DAYS			