



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: 2021704006.05

GTA ProjNo: 092823-16

Site Addr: PORTER FIELD BIOCELL BC-5

Sampled By: JOSHUA GERRIE/GCES

Date Rec: 9/28/2023

Time Rec: 4:55 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-1	9/28/2023		WATER
2	MW-2	9/28/2023		WATER
3	MW-3	9/28/2023		WATER
4	SS-1	9/28/2023		SOIL
5	SS-2	9/28/2023		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

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COMPANY: MILLER ENERGY COMPANY II, LLC
PROJECT NO: 2021704006.05
LOCATION: PORTER FIELD BIOCELL BC-5
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-1

GTA PROJECT NO: 092823-16
GTA SAMPLE NO: 1
DATE SAMPLED: 9/28/2023
TIME SAMPLED:
DATE RECEIVED: 9/28/2023
TIME RECEIVED: 4:55 PM
SAMPLED BY: JOSHUA GERRIE/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	ND	1.0	ug/L (PPB)	MR		9/30/2023	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					

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: 2021704006.05
LOCATION: PORTER FIELD BIOCELL BC-5
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-2

GTA PROJECT NO: 092823-16
GTA SAMPLE NO: 2
DATE SAMPLED: 9/28/2023
TIME SAMPLED:
DATE RECEIVED: 9/28/2023
TIME RECEIVED: 4:55 PM
SAMPLED BY: JOSHUA GERRIE/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	ND	1.0	ug/L (PPB)	MR		9/30/2023	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					

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COMPANY: MILLER ENERGY COMPANY II, LLC
PROJECT NO: 2021704006.05
LOCATION: PORTER FIELD BIOCELL BC-5
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-3
GTA PROJECT NO: 092823-16
GTA SAMPLE NO: 3
DATE SAMPLED: 9/28/2023
TIME SAMPLED:
DATE RECEIVED: 9/28/2023
TIME RECEIVED: 4:55 PM
SAMPLED BY: JOSHUA GERRIE/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	ND	1.0	ug/L (PPB)	MR		9/30/2023	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					

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COMPANY: MILLER ENERGY COMPANY II, LLC

PROJECT NO: 2021704006.05

LOCATION: PORTER FIELD BIOCELL BC-5

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: SS-1

GTA PROJECT NO: 092823-16

GTA SAMPLE NO: 4

DATE SAMPLED: 9/28/2023

TIME SAMPLED:

DATE RECEIVED: 9/28/2023

TIME RECEIVED: 4:55 PM

SAMPLED BY: JOSHUA GERRIE/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	9/28/2023	9/30/2023	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.

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LOD = LIMIT OF DETECTION

COMPANY: MILLER ENERGY COMPANY II, LLC

GTA PROJECT NO: 092823-16

PROJECT NO: 2021704006.05

GTA SAMPLE NO: 5

LOCATION: PORTER FIELD BIOCELL BC-5

DATE SAMPLED: 9/28/2023

TIME SAMPLED:

DATE RECEIVED: 9/28/2023

TIME RECEIVED: 4:55 PM

MI

SAMPLE MATRIX: SOIL

SAMPLE ID: SS-2

SAMPLED BY: JOSHUA GERRIE/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	9/28/2023	9/30/2023	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.

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LOD = LIMIT OF DETECTION

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COMPANY: MILLER ENERGY COMPANY II, LLC
PROJECT NO: 2021704006.05
LOCATION: PORTER FIELD BIOCELL BC-5
MI
SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 092823-16
GTA SAMPLE NO: 1
DATE SAMPLED: 9/28/2023
TIME SAMPLED:
DATE RECEIVED: 9/28/2023
TIME RECEIVED: 4:55 PM

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: MW-1							
CHLORIDE EPA 300.0		35	10	mg/L (PPM)	KC/AS	10/4/2023	WATER

ND = NOT DETECTED, RESULT < LOD
LOD = LIMIT OF DETECTION
s.u. = STANDARD pH UNITS REPORTED AT 25 C

**INDEPENDENT TESTING LAB**

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COMPANY: MILLER ENERGY COMPANY II, LLC

PROJECT NO: 2021704006.05

LOCATION: PORTER FIELD BIOCELL BC-5

GTA PROJECT NO: 092823-16

GTA SAMPLE NO: 2

DATE SAMPLED: 9/28/2023

TIME SAMPLED:

DATE RECEIVED: 9/28/2023

TIME RECEIVED: 4:55 PM

MI

SAMPLED BY: JOSHUA GERRIE/GCES

SAMPLE ANALYSIS**No: Analysis**

SAMPLE ID: MW-2

CHLORIDE EPA 300.0

Concentration

12

LOD

10

Units

mg/L (PPM)

Analyst

KC/AS

Date Completed

10/4/2023

Sample Matrix

WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

COMPANY: MILLER ENERGY COMPANY II, LLC

PROJECT NO: 2021704006.05

LOCATION: PORTER FIELD BIOCELL BC-5

GTA PROJECT NO: 092823-16

GTA SAMPLE NO: 3

DATE SAMPLED: 9/28/2023

TIME SAMPLED:

DATE RECEIVED: 9/28/2023

TIME RECEIVED: 4:55 PM

MI

SAMPLED BY: JOSHUA GERRIE/GCES

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-3

CHLORIDE EPA 300.0

Concentration

18

LOD

10

Units

mg/L (PPM)

Analyst

KC/AS

Date Completed

10/4/2023

Sample Matrix

WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

COMPANY: MILLER ENERGY COMPANY II, LLC

PROJECT NO: 2021704006.05

LOCATION: PORTER FIELD BIOCELL BC-5

GTA PROJECT NO: 092823-16

GTA SAMPLE NO: 4

DATE SAMPLED: 9/28/2023

TIME SAMPLED:

DATE RECEIVED: 9/28/2023

TIME RECEIVED: 4:55 PM

MI

SAMPLED BY: JOSHUA GERRIE/GCES

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: SS-1

CHLORIDE EPA 300.0

Concentration

ND

LOD

100

Units

mg/Kg (PPM)

Analyst

KC/AS

Date Completed

10/4/2023

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

PROJECT NO: 2021704006.05

LOCATION: PORTER FIELD BIOCELL BC-5

GTA PROJECT NO: 092823-16

GTA SAMPLE NO: 5

DATE SAMPLED: 9/28/2023

TIME SAMPLED:

DATE RECEIVED: 9/28/2023

TIME RECEIVED: 4:55 PM

MI

SAMPLED BY: JOSHUA GERRIE/GCES

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: SS-2

CHLORIDE EPA 300.0

Concentration

ND

LOD

98

Units

mg/Kg (PPM)

Analyst

KC/AS

Date Completed

10/4/2023

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: 092823-16

NAME:

SAMPLED BY: JOSHUA GERRIE/GCES

PROJECT NO: 2021704006.05

DATE SAMPLED: 9/28/2023

LOCATION: PORTER FIELD BIOCELL BC-5

SAMPLE SOIL

DATE RECEIVED: 9/28/2023

MI

TIME RECEIVED: 4:55 PM

MOISTURE**No: Analysis****Concentration LOD Units Analyst Date
Completed**

SAMPLE ID: SS-1

% MOISTURE EPA 3550C

9.3

0.10

% OF SAMPLE

AS

9/28/2023

SAMPLE ID: SS-2

% MOISTURE EPA 3550C

9.5

0.10

% OF SAMPLE

AS

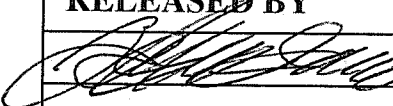
9/28/2023

CHAIN OF CUSTODY

PROJECT NUMBER	SITE NAME/ADDRESS	COMPANY/NAME
2021704006.05	Porter Field Biocell-BC-5	Miller Energy Co.
SAMPLED BY	COMPANY	GTA PROJECT #
Joshua Gerrie Gosling Czubak		092823-16

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	MW-1	9-28-23		GW	BTEX + Chloride
2	MW-2	↓		↓	↓
3	MW-3	↓		↓	↓
4	SS-1	↓		Soil	↓
5	SS-2	↓		↓	↓

BILL TO:	TempRec: ☐	On Ice? ☒ Y ☐ N	REPORT TO:
Miller Energy Co.	1.2°C		Eric Vincke - GCS
			Laura Dyke - Miller Energy Co.
RELEASED BY	DATE/TIME	RECEIVED BY	DATE/TIME
	9-28-23 / 11:55		9/28/23 1655
REQUESTED TAT ☒ STANDARD ☐ 1 BUSINESS DAY ☐ 2 BUSINESS DAYS ☐ 3 BUSINESS DAYS			