



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: 2021704006.08

GTA ProjNo: 092623-10

Site Addr: ST. HELEN BIOCELL-BC-1

Sampled By: JOSHUA GERRIE/GCES

Date Rec: 9/26/2023

Time Rec: 3:40 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-1	9/26/2023		WATER
2	MW-NORTH	9/26/2023		WATER
3	MW-WEST	9/26/2023		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
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COMPANY: MILLER ENERGY COMPANY II, LLC
PROJECT NO: 2021704006.08
LOCATION: ST. HELEN BIOCELL-BC-1
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-1

GTA PROJECT NO: 092623-10
GTA SAMPLE NO: 1
DATE SAMPLED: 9/26/2023
TIME SAMPLED:
DATE RECEIVED: 9/26/2023
TIME RECEIVED: 3:40 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		9/27/2023	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: 2021704006.08
LOCATION: ST. HELEN BIOCELL-BC-1
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-NORTH

GTA PROJECT NO: 092623-10
GTA SAMPLE NO: 2
DATE SAMPLED: 9/26/2023
TIME SAMPLED:
DATE RECEIVED: 9/26/2023
TIME RECEIVED: 3:40 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		9/27/2023	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.
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COMPANY: MILLER ENERGY COMPANY II, LLC
PROJECT NO: 2021704006.08
LOCATION: ST. HELEN BIOCELL-BC-1
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-WEST

GTA PROJECT NO: 092623-10
GTA SAMPLE NO: 3
DATE SAMPLED: 9/26/2023
TIME SAMPLED:
DATE RECEIVED: 9/26/2023
TIME RECEIVED: 3:40 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		9/27/2023	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
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COMPANY: MILLER ENERGY COMPANY II, LLC

GTA PROJECT NO: 092623-10

PROJECT NO: 2021704006.08

GTA SAMPLE NO: 1

LOCATION: ST. HELEN BIOCELL-BC-1

DATE SAMPLED: 9/26/2023

TIME SAMPLED:

DATE RECEIVED: 9/26/2023

TIME RECEIVED: 3:40 PM

MI

SAMPLED BY: JOSHUA GERRIE/GCES

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-1

CHLORIDE EPA 300.0

Concentration

ND

LOD

10

Units

mg/L (PPM)

Analyst

KC/TR

Date Completed

10/5/2023

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

GTA PROJECT NO: 092623-10

PROJECT NO: 2021704006.08

GTA SAMPLE NO: 2

LOCATION: ST. HELEN BIOCELL-BC-1

DATE SAMPLED: 9/26/2023

TIME SAMPLED:

DATE RECEIVED: 9/26/2023

TIME RECEIVED: 3:40 PM

MI

SAMPLED BY: JOSHUA GERRIE/GCES

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-NORTH

CHLORIDE EPA 300.0

Concentration

34

LOD

10

Units

mg/L (PPM)

Analyst

KC/TR

Date Completed

10/5/2023

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

GTA PROJECT NO: 092623-10

PROJECT NO: 2021704006.08

GTA SAMPLE NO: 3

LOCATION: ST. HELEN BIOCELL-BC-1

DATE SAMPLED: 9/26/2023

TIME SAMPLED:

DATE RECEIVED: 9/26/2023

TIME RECEIVED: 3:40 PM

MI

SAMPLED BY: JOSHUA GERRIE/GCES

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-WEST

CHLORIDE EPA 300.0

Concentration

19

LOD

10

Units

mg/L (PPM)

Analyst

KC/TR

Date Completed

10/5/2023

Sample Matrix

WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

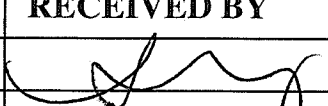
s.u. = STANDARD pH UNITS REPORTED AT 25 C

CHAIN OF CUSTODY

PROJECT NUMBER	SITE NAME/ADDRESS	COMPANY/NAME
2021704006.08	St. Helen Biocell-BC-1	Miller Energy Co.
SAMPLED BY	COMPANY	GTA PROJECT #
Joshua Gerrie	Gosling Czubak	092623-10

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	MW-1	9-26-23		GW	BTEX + Chloride
2	MW-North	↓		↓	↓
3	MW-West	↓		↓	↓

BILL TO:	TempRec: ☐	On Ice? ☒ Y ☐ N	REPORT TO:
Miller Energy Co.	31°C		Eric Vincke - GCES Laura Dyke - Miller Energy Co.
RELEASED BY	DATE/TIME	RECEIVED BY	DATE/TIME
	9-26-23 / 1540		9/26/23 1540
REQUESTED TAT ☒ STANDARD ☐ 1 BUSINESS DAY ☐ 2 BUSINESS DAYS ☐ 3 BUSINESS DAYS			