

**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: 022422-4

Site Addr: ST. HELEN BIOCELL

Sampled By: JOSHUA GERRIE/GCES
Date Rec: 2/24/2022
Time Rec: 3:50 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-1	2/24/2022		WATER
2	MW-NORTH	2/24/2022		WATER
3	MW-WEST	2/24/2022		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
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COMPANY: MILLER ENERGY COMPANY II, LLC

PROJECT NO: 2021704006.08

LOCATION: ST. HELEN BIOCELL

MI

SAMPLE MATRIX: WATER

SAMPLE ID: MW-1

GTA PROJECT NO: 022422-4

GTA SAMPLE NO: 1

DATE SAMPLED: 2/24/2022

TIME SAMPLED:

DATE RECEIVED: 2/24/2022

TIME RECEIVED: 3:50 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>Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		2/25/2022	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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PROJECT NO: 2021704006.08

LOCATION: ST. HELEN BIOCELL

MI

SAMPLE MATRIX: WATER

SAMPLE ID: MW-NORTH

GTA PROJECT NO: 022422-4

GTA SAMPLE NO: 2

DATE SAMPLED: 2/24/2022

TIME SAMPLED:

DATE RECEIVED: 2/24/2022

TIME RECEIVED: 3:50 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 Extracted</u>	<u>Date Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		2/25/2022	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: 2021704006.08
LOCATION: ST. HELEN BIOCELL
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-WEST

GTA PROJECT NO: 022422-4
GTA SAMPLE NO: 3
DATE SAMPLED: 2/24/2022
TIME SAMPLED:
DATE RECEIVED: 2/24/2022
TIME RECEIVED: 3:50 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 Extracted</u>	<u>Date Complete</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		2/25/2022	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

GTA PROJECT NO: 022422-4

GTA SAMPLE NO: 1

DATE SAMPLED: 2/24/2022

TIME SAMPLED:

DATE RECEIVED: 2/24/2022

TIME RECEIVED: 3:50 PM

SAMPLED BY: MI
JOSHUA GERRIE/GCES**SAMPLE ANALYSIS****No: Analysis**

SAMPLE ID: MW-1

CHLORIDE EPA 300.0

Concentration

ND

LOD

10

Units

mg/L (PPM)

Analyst

TR

Date Completed

3/1/2022

Sample

WATER

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

PROJECT NO: 2021704006.08

LOCATION: ST. HELEN BIOCELL

GTA PROJECT NO: 022422-4

GTA SAMPLE NO: 2

DATE SAMPLED: 2/24/2022

TIME SAMPLED:

DATE RECEIVED: 2/24/2022

TIME RECEIVED: 3:50 PM

SAMPLED BY: MI
JOSHUA GERRIE/GCES

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-NORTH

CHLORIDE EPA 300.0

Concentration

15

LOD

10

Units

mg/L (PPM)

Analyst

TR

Date Completed

3/1/2022

Sample

WATER

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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: 022422-4

PROJECT NO: 2021704006.08

GTA SAMPLE NO: 3

LOCATION: ST. HELEN BIOCELL

DATE SAMPLED: 2/24/2022

TIME SAMPLED:

DATE RECEIVED: 2/24/2022

TIME RECEIVED: 3:50 PM

MI

SAMPLED BY: JOSHUA GERRIE/GCES

SAMPLE ANALYSIS**No: Analysis**

SAMPLE ID: MW-WEST

CHLORIDE EPA 300.0

Concentration

35

LOD

10

Units

mg/L (PPM)

Analyst

TR

Date Completed

3/1/2022

Sample

WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

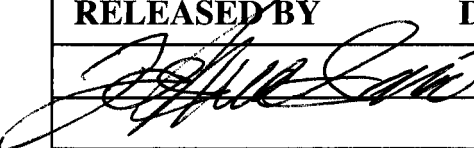
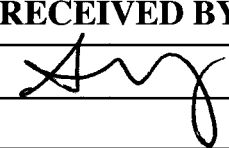
s.u. = STANDARD pH UNITS REPORTED AT 25 C

CHAIN OF CUSTODY

PROJECT NUMBER 2021704006.08	SITE NAME/ADDRESS St. Helen Biocell	COMPANY/NAME Miller Energy Co.
SAMPLED BY Joshua Gerrie	COMPANY Gosling Czubak	GTA PROJECT # 022422-4

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	MW-1	2-24-22		GW	BTEX & Chloride
2	MW-North	↓		↓	↓ ↓
3	MW-West	↓		↓	↓ ↓

BILL TO: Miller Energy Co.	TempRec: ☐ 3.6 °C	On Ice? ☒ Y ☐ N	REPORT TO: Eric Vincke - GCES Laura Dyke - Miller Energy Co.
RELEASED BY 	DATE/TIME 2-24-22/1550	RECEIVED BY 	DATE/TIME 2/24/22 1550
REQUESTED TAT ☒ STANDARD ☐ 1 BUSINESS DAY ☐ 2 BUSINESS DAYS ☐ 3 BUSINESS DAYS			