

**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

GTA ProjNo: 092622-6

Site Addr: ST. HELEN

Sampled By: BRENDAN RUPPEN/GCES

Date Rec: 9/26/2022

Time Rec: 3:40 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-NORTH	9/26/2022	1:00 PM	WATER
2	MW-WEST	9/26/2022	1:30 PM	WATER
3	MW-1	9/26/2022	2:00 PM	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
Traverse City, MI 49686
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COMPANY: MILLER ENERGY COMPANY II, LLC
PROJECT NO: 2021704006
LOCATION: ST. HELEN
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-NORTH

GTA PROJECT NO: 092622-6
GTA SAMPLE NO: 1
DATE SAMPLED: 9/26/2022
TIME SAMPLED: 1:00 PM
DATE RECEIVED: 9/26/2022
TIME RECEIVED: 3:40 PM
SAMPLED BY: BRENDAN RUPPEN/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		9/27/2022	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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COMPANY: MILLER ENERGY COMPANY II, LLC
PROJECT NO: 2021704006
LOCATION: ST. HELEN
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-WEST

GTA PROJECT NO: 092622-6
GTA SAMPLE NO: 2
DATE SAMPLED: 9/26/2022
TIME SAMPLED: 1:30 PM
DATE RECEIVED: 9/26/2022
TIME RECEIVED: 3:40 PM
SAMPLED BY: BRENDAN RUPPEN/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		9/27/2022	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

LOCATION: ST. HELEN

MI

SAMPLE MATRIX: WATER

SAMPLE ID: MW-1

GTA PROJECT NO: 092622-6

GTA SAMPLE NO: 3

DATE SAMPLED: 9/26/2022

TIME SAMPLED: 2:00 PM

DATE RECEIVED: 9/26/2022

TIME RECEIVED: 3:40 PM

SAMPLED BY: BRENDAN RUPPEN/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		9/27/2022	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

LOCATION: ST. HELEN

GTA PROJECT NO: 092622-6

GTA SAMPLE NO: 1

DATE SAMPLED: 9/26/2022

TIME SAMPLED: 1:00 PM

DATE RECEIVED: 9/26/2022

TIME RECEIVED: 3:40 PM

SAMPLED BY: MI
BRENDAN RUPPEN/GCES**SAMPLE ANALYSIS****No: Analysis**

SAMPLE ID: MW-NORTH

CHLORIDE EPA 300.0

Concentration

14

LOD

10

Units

mg/L (PPM)

Analyst

KC/TR

Date Completed

9/30/2022

Sample Matrix

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

GTA PROJECT NO: 092622-6

GTA SAMPLE NO: 2

PROJECT NO: 2021704006

LOCATION: ST. HELEN

DATE SAMPLED: 9/26/2022

TIME SAMPLED: 1:30 PM

DATE RECEIVED: 9/26/2022

TIME RECEIVED: 3:40 PM

MI

SAMPLED BY: BRENDAN RUPPEN/GCES

SAMPLE ANALYSIS**No: Analysis**

SAMPLE ID: MW-WEST

CHLORIDE EPA 300.0

Concentration

ND

LOD

10

Units

mg/L (PPM)

Analyst

KC/TR

Date Completed

9/30/2022

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: 092622-6

PROJECT NO: 2021704006

GTA SAMPLE NO: 3

LOCATION: ST. HELEN

DATE SAMPLED: 9/26/2022

TIME SAMPLED: 2:00 PM

DATE RECEIVED: 9/26/2022

TIME RECEIVED: 3:40 PM

MI

SAMPLED BY: BRENDAN RUPPEN/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

9/30/2022

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 <i>2021704000</i>	SITE NAME/ADDRESS <i>St. Helen</i>	COMPANY/NAME <i>Miller Energy</i>
SAMPLED BY <i>Brendon Ruppen</i>	COMPANY <i>GCES</i>	GTA PROJECT # <i>092622-6</i>

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
	<i>MW-North</i>	<i>9/26/22</i>	<i>1:00</i>	<i>GW</i>	<i>BTEX, Chloride</i>
	<i>MW-West</i>	<i>↓</i>	<i>1:30</i>	<i>↓</i>	<i>↓ ↓</i>
	<i>MW-1</i>	<i>↓</i>	<i>2:00</i>	<i>↓</i>	<i>↓ ↓</i>

BILL TO: <i>GCES</i>	TempRec: ☐ <i>1.9°C</i>	On Ice? ☒ ☐	REPORT TO: <i>E. Vincke</i>
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RELEASED BY <i>B. Ruppen</i>	DATE/TIME <i>9/26/22 3:40</i>	RECEIVED BY <i>[Signature]</i>	DATE/TIME <i>9/26/22 3:40</i>

REQUESTED TAT ☒ STANDARD ☐ 1 BUSINESS DAY ☐ 2 BUSINESS DAYS ☐ 3 BUSINESS DAYS