

**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: 2020704013

GTA ProjNo: 112023-3

Site Addr: MARY LOMP

Sampled By: TSA/GCES

Date Rec: 11/20/2023

Time Rec: 1:37 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-2	11/20/2023	11:15 AM	WATER
2	MW-4	11/20/2023	11:25 AM	WATER
3	MW-5S (22')	11/20/2023	11:35 AM	WATER
4	MW-7S	11/20/2023	11:55 AM	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: 2020704013

LOCATION: MARY LOMP

MI

SAMPLE MATRIX: WATER

SAMPLE ID: MW-2

GTA PROJECT NO: 112023-3

GTA SAMPLE NO: 1

DATE SAMPLED: 11/20/2023

TIME SAMPLED: 11:15 AM

DATE RECEIVED: 11/20/2023

TIME RECEIVED: 1:37 PM

SAMPLED BY: TSA/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		11/21/2023	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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: 2020704013

LOCATION: MARY LOMP

MI

SAMPLE MATRIX: WATER

SAMPLE ID: MW-4

GTA PROJECT NO: 112023-3

GTA SAMPLE NO: 2

DATE SAMPLED: 11/20/2023

TIME SAMPLED: 11:25 AM

DATE RECEIVED: 11/20/2023

TIME RECEIVED: 1:37 PM

SAMPLED BY: TSA/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		11/21/2023	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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

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COMPANY: MILLER ENERGY COMPANY II, LLC

PROJECT NO: 2020704013
LOCATION: MARY LOMP

MI

SAMPLE MATRIX: WATER
SAMPLE ID: MW-5S (22')GTA PROJECT NO: 112023-3
GTA SAMPLE NO: 3DATE SAMPLED: 11/20/2023
TIME SAMPLED: 11:35 AM
DATE RECEIVED: 11/20/2023
TIME RECEIVED: 1:37 PM

SAMPLED BY: TSA/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		11/21/2023	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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

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COMPANY: MILLER ENERGY COMPANY II, LLC

PROJECT NO: 2020704013
LOCATION: MARY LOMP

MI

SAMPLE MATRIX: WATER
SAMPLE ID: MW-7SGTA PROJECT NO: 112023-3
GTA SAMPLE NO: 4DATE SAMPLED: 11/20/2023
TIME SAMPLED: 11:55 AM
DATE RECEIVED: 11/20/2023
TIME RECEIVED: 1:37 PM

SAMPLED BY: TSA/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		11/21/2023	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	4.0	3.0					
1,2,4-Trimethylbenzene	86	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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

GTA PROJECT NO: 112023-3

PROJECT NO: 2020704013

GTA SAMPLE NO: 1

LOCATION: MARY LOMP

DATE SAMPLED: 11/20/2023

TIME SAMPLED: 11:15 AM

DATE RECEIVED: 11/20/2023

TIME RECEIVED: 1:37 PM

MI

SAMPLED BY: TSA/GCES

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-2

CHLORIDE EPA 300.0

Concentration

ND

LOD

10

Units

mg/L (PPM)

Analyst

KC/TR

Date Completed

11/27/2023

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: 112023-3

PROJECT NO: 2020704013

GTA SAMPLE NO: 2

LOCATION: MARY LOMP

DATE SAMPLED: 11/20/2023

TIME SAMPLED: 11:25 AM

DATE RECEIVED: 11/20/2023

TIME RECEIVED: 1:37 PM

MI

SAMPLED BY: TSA/GCES

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-4

CHLORIDE EPA 300.0

<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
21	10	mg/L (PPM)	KC/TR	11/27/2023	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: 112023-3

PROJECT NO: 2020704013

GTA SAMPLE NO: 3

LOCATION: MARY LOMP

DATE SAMPLED: 11/20/2023

TIME SAMPLED: 11:35 AM

DATE RECEIVED: 11/20/2023

TIME RECEIVED: 1:37 PM

MI

SAMPLED BY: TSA/GCES

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-5S (22')

CHLORIDE EPA 300.0

<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
ND	10	mg/L (PPM)	KC/TR	11/27/2023	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: 112023-3

PROJECT NO: 2020704013

GTA SAMPLE NO: 4

LOCATION: MARY LOMP

DATE SAMPLED: 11/20/2023

TIME SAMPLED: 11:55 AM

DATE RECEIVED: 11/20/2023

TIME RECEIVED: 1:37 PM

MI

SAMPLED BY: TSA/GCES

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-7S

CHLORIDE EPA 300.0

<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
ND	10	mg/L (PPM)	KC/TR	11/27/2023	WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

CHAIN OF CUSTODY

PROJECT NUMBER 2020704013	SITE NAME/ADDRESS Mary Lomp	COMPANY/NAME Miller Energy Company II, LLC
SAMPLED BY TSA	COMPANY Gosling CzubaK	GTA PROJECT # 1/2023-3

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
	MW-2	11-20-23	11:15	GW	BTEX + 4, Chloride
	MW-4		11:25		
	MW-5S (22')		11:35		
	MW-7S		11:55		

BILL TO: Miller Energy Company	TempRec: ☐ 1.1°C	On Ice? ☒ Y ☐ N	REPORT TO: E. Vmcke
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RELEASED BY Trevor Ackler	DATE/TIME 11-20-23 @ 13:35	RECEIVED BY K. Ch	DATE/TIME 11/20/23 1335
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REQUESTED TAT ☒ STANDARD ☐ 1 BUSINESS DAY ☐ 2 BUSINESS DAYS ☐ 3 BUSINESS DAYS