

**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
Name:
ClientProj:

Site Addr: MCBAIN A-1

GTA ProjNo: 052720-3

Sampled By: JONATHAN PARKER/SS
Date Rec: 5/26/2020
Time Rec: 3:50 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-1	5/26/2020	11:51 AM	WATER
2	MW-2	5/26/2020	11:14 AM	WATER
3	MW-3	5/26/2020	12:22 PM	WATER
4	MW-4	5/26/2020	1:03 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
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Traverse City, MI 49686
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kirk@gtanalytical.com

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COMPANY: MILLER ENERGY COMPANY
PROJECT NO:
LOCATION: MCBAIN A-1
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-1

GTA PROJECT NO: 052720-3
GTA SAMPLE NO: 1
DATE SAMPLED: 5/26/2020
TIME SAMPLED: 11:51 AM
DATE RECEIVED: 5/26/2020
TIME RECEIVED: 3:50 PM
SAMPLED BY: JONATHAN PARKER/SS

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		5/28/2020	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	2.7	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

COMPANY: MILLER ENERGY COMPANY

GTA PROJECT NO: 052720-3

GTA SAMPLE NO: 2

PROJECT NO:

LOCATION: MCBAIN A-1

DATE SAMPLED: 5/26/2020

TIME SAMPLED: 11:14 AM

DATE RECEIVED: 5/26/2020

TIME RECEIVED: 3:50 PM

MI

SAMPLE MATRIX: WATER

SAMPLE ID: MW-2

SAMPLED BY: JONATHAN PARKER/SS

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		5/28/2020	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					

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COMPANY: MILLER ENERGY COMPANY

GTA PROJECT NO: 052720-3

PROJECT NO:

GTA SAMPLE NO: 3

LOCATION: MCBAIN A-1

DATE SAMPLED: 5/26/2020

TIME SAMPLED: 12:22 PM

MI

DATE RECEIVED: 5/26/2020

TIME RECEIVED: 3:50 PM

SAMPLE MATRIX: WATER

SAMPLE ID: MW-3

SAMPLED BY: JONATHAN PARKER/SS

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		5/28/2020	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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LOD = LIMIT OF DETECTION

COMPANY:	MILLER ENERGY COMPANY	GTA PROJECT NO:	052720-3
PROJECT NO:		GTA SAMPLE NO:	4
LOCATION:	MCBAIN A-1	DATE SAMPLED:	5/26/2020
		TIME SAMPLED:	1:03 PM
	MI	DATE RECEIVED:	5/26/2020
		TIME RECEIVED:	3:50 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-4	SAMPLED BY:	JONATHAN PARKER/SS

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		5/28/2020	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	32	3.0					
1,2,4-Trimethylbenzene	23	1.0					
1,3,5-Trimethylbenzene	7.7	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

GTA PROJECT NO: 052720-3

PROJECT NO:

GTA SAMPLE NO: 1

LOCATION: MCBAIN A-1

DATE SAMPLED: 5/26/2020

TIME SAMPLED: 11:51 AM

DATE RECEIVED: 5/26/2020

TIME RECEIVED: 3:50 PM

MI

SAMPLED BY: JONATHAN PARKER/SS

SAMPLE ANALYSIS**No: Analysis**

SAMPLE ID: MW-1

CHLORIDE EPA 300.0

Concentration

13

LOD

10

Units

mg/L (PPM)

Analyst

KC

Date

5/28/2020

Sample

WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

COMPANY: MILLER ENERGY COMPANY

GTA PROJECT NO: 052720-3

PROJECT NO:

GTA SAMPLE NO: 2

LOCATION: MCBAIN A-1

DATE SAMPLED: 5/26/2020

TIME SAMPLED: 11:14 AM

DATE RECEIVED: 5/26/2020

TIME RECEIVED: 3:50 PM

MI

SAMPLED BY: JONATHAN PARKER/SS

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-2

CHLORIDE EPA 300.0

Concentration

70

LOD

10

Units

mg/L (PPM)

Analyst

KC

Date

5/28/2020

Sample

WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

COMPANY: MILLER ENERGY COMPANY

GTA PROJECT NO: 052720-3

PROJECT NO:

GTA SAMPLE NO: 3

LOCATION: MCBAIN A-1

DATE SAMPLED: 5/26/2020

TIME SAMPLED: 12:22 PM

DATE RECEIVED: 5/26/2020

TIME RECEIVED: 3:50 PM

MI

SAMPLED BY: JONATHAN PARKER/SS

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
	SAMPLE ID: MW-3						
	CHLORIDE EPA 300.0	15	10	mg/L (PPM)	KC	5/28/2020	WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

COMPANY: MILLER ENERGY COMPANY

GTA PROJECT NO: 052720-3

PROJECT NO:

GTA SAMPLE NO: 4

LOCATION: MCBAIN A-1

DATE SAMPLED: 5/26/2020

TIME SAMPLED: 1:03 PM

DATE RECEIVED: 5/26/2020

TIME RECEIVED: 3:50 PM

MI

SAMPLED BY: JONATHAN PARKER/SS

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u>	<u>Sample</u>
	SAMPLE ID: MW-4						
	CHLORIDE EPA 300.0	60	10	mg/L (PPM)	KC	5/28/2020	WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

Turn Around Time

Rush? (Lab **MUST** Be Notified)

☐ Same Day ☐ Three Day

☐ Next Day ☐ Five Day

☐ Two Day ☐ Standard

4772c9ea-60f9-4b20-827e-79c99df9bbf6

052720-3

Special Instructions or Notes

Transfer History

Collected by

Sample ID



MW-1, MW-2, MW-3, MW-4

Jonathan Parker

Custody Transfer #1

Custody Transfer #2

Custody Transfer #3

Custody Transfer #4

Received at th

Relinquished By

Received by

Relinquished By

Received by

Relinquished By

Received by

Relinquished By

Received by

Received t



Jonathan Parker

05/26/2020 15:01 1545 JP
44.5503765,
-85.6515834

Sign Be

Received by Lab			
Name	Signature	Date	Time
L. Clasen	[Signature]	5/26/20	3:50p

Per 6.7% on line