

**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: 2020704014

Site Addr: MCBAIN A

GTA ProjNo: 111924-4

Sampled By: JFR/GCES

Date Rec: 11/19/2024

Time Rec: 2:25 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-4	11/19/2024	9:58 AM	WATER
2	MW-3	11/19/2024	10:37 AM	WATER
3	MW-1	11/19/2024	11:14 AM	WATER
4	MW-2	11/19/2024	11:52 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
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COMPANY: MILLER ENERGY COMPANY II, LLC

PROJECT NO: 2020704014

LOCATION: MCBAIN A

MI

SAMPLE MATRIX: WATER

SAMPLE ID: MW-4

GTA PROJECT NO: 111924-4

GTA SAMPLE NO: 1

DATE SAMPLED: 11/19/2024

TIME SAMPLED: 9:58 AM

DATE RECEIVED: 11/19/2024

TIME RECEIVED: 2:25 PM

SAMPLED BY: JFR/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		11/20/2024	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	14	3.0					
1,2,4-Trimethylbenzene	8.4	1.0					
1,3,5-Trimethylbenzene	2.6	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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COMPANY: MILLER ENERGY COMPANY II, LLC

PROJECT NO: 2020704014

LOCATION: MCBAIN A

MI

SAMPLE MATRIX: WATER

SAMPLE ID: MW-3

GTA PROJECT NO: 111924-4

GTA SAMPLE NO: 2

DATE SAMPLED: 11/19/2024

TIME SAMPLED: 10:37 AM

DATE RECEIVED: 11/19/2024

TIME RECEIVED: 2:25 PM

SAMPLED BY: JFR/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		11/20/2024	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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LOD = LIMIT OF DETECTION

COMPANY:	MILLER ENERGY COMPANY II, LLC	GTA PROJECT NO:	111924-4
PROJECT NO:	2020704014	GTA SAMPLE NO:	3
LOCATION:	MCBAIN A	DATE SAMPLED:	11/19/2024
		TIME SAMPLED:	11:14 AM
		DATE RECEIVED:	11/19/2024
	MI	TIME RECEIVED:	2:25 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-1	SAMPLED BY:	JFR/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		11/20/2024	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	4.1	1.0					
1,3,5-Trimethylbenzene	1.2	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: 2020704014

LOCATION: MCBAIN A

MI

SAMPLE MATRIX: WATER

SAMPLE ID: MW-2

GTA PROJECT NO: 111924-4

GTA SAMPLE NO: 4

DATE SAMPLED: 11/19/2024

TIME SAMPLED: 11:52 AM

DATE RECEIVED: 11/19/2024

TIME RECEIVED: 2:25 PM

SAMPLED BY: JFR/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		11/20/2024	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: 2020704014

LOCATION: MCBAIN A

GTA PROJECT NO: 111924-4

GTA SAMPLE NO: 1

DATE SAMPLED: 11/19/2024

TIME SAMPLED: 9:58 AM

DATE RECEIVED: 11/19/2024

TIME RECEIVED: 2:25 PM

SAMPLED BY: MI
JFR/GCES**SAMPLE ANALYSIS****No: Analysis**

SAMPLE ID: MW-4

CHLORIDE EPA 300.0

Concentration

120

LOD

10

Units

mg/L (PPM)

Analyst

KC/TR

Date Completed

11/22/2024

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

PROJECT NO: 2020704014

LOCATION: MCBAIN A

GTA PROJECT NO: 111924-4

GTA SAMPLE NO: 2

DATE SAMPLED: 11/19/2024

TIME SAMPLED: 10:37 AM

DATE RECEIVED: 11/19/2024

TIME RECEIVED: 2:25 PM

SAMPLED BY: MI
JFR/GCES**SAMPLE ANALYSIS****No: Analysis**

SAMPLE ID: MW-3

CHLORIDE EPA 300.0

Concentration

46

LOD

10

Units

mg/L (PPM)

Analyst

KC/TR

Date Completed

11/22/2024

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: 111924-4

PROJECT NO: 2020704014

GTA SAMPLE NO: 3

LOCATION: MCBAIN A

DATE SAMPLED: 11/19/2024

TIME SAMPLED: 11:14 AM

DATE RECEIVED: 11/19/2024

TIME RECEIVED: 2:25 PM

MI

SAMPLED BY: JFR/GCES

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
SAMPLE ID: MW-1							
CHLORIDE EPA 300.0		64	10	mg/L (PPM)	KC/TR	11/22/2024	WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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



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GTA PROJECT NO: 111924-4

PROJECT NO: 2020704014

GTA SAMPLE NO: 4

LOCATION: MCBAIN A

DATE SAMPLED: 11/19/2024

TIME SAMPLED: 11:52 AM

DATE RECEIVED: 11/19/2024

TIME RECEIVED: 2:25 PM

MI

SAMPLED BY: JFR/GCES

SAMPLE ANALYSIS

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>	<u>Sample Matrix</u>
SAMPLE ID:	MW-2						
CHLORIDE EPA 300.0		32	10	mg/L (PPM)	KC/TR	11/22/2024	WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

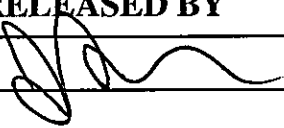
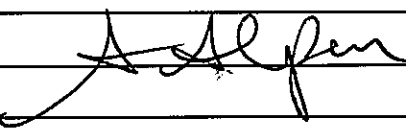
s.u. = STANDARD pH UNITS REPORTED AT 25 C

CHAIN OF CUSTODY

PROJECT NUMBER 2020704014	SITE NAME/ADDRESS McBain A	COMPANY/NAME Summit Petroleum
SAMPLED BY JFR	COMPANY GCES	GTA PROJECT # 111924-4

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	MW-4	11/19/24	9:58	GW	BTEx +4, Chloride
2	MW-3		10:37		
3	MW-1		11:14		
4	MW-2		11:52		

BILL TO: GCES	TempRec: ☐ 3.3°C	On Ice? ☒ Y ☐ N	REPORT TO: E. Vincke
RELEASED BY 	DATE/TIME 11/19/24 1425	RECEIVED BY 	DATE/TIME 11/19/24 1425
REQUESTED TAT ☒ STANDARD ☐ 1 BUSINESS DAY ☐ 2 BUSINESS DAYS ☐ 3 BUSINESS DAYS			