

**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: 2020704011.01

GTA ProjNo: 050421-2

Site Addr: N. BUCKEYE TANK BATTERY

Sampled By: JOSHUA GERRIE/GCES

Date Rec: 5/4/2021

Time Rec: 8:55 AM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-1	5/3/2021		WATER
2	MW-2	5/3/2021		WATER
3	MW-5	5/3/2021		WATER
4	MW-4	5/3/2021		WATER
5	MW-9D	5/3/2021		WATER
6	MW-1D	5/3/2021		WATER
7	MW-7D	5/3/2021		WATER
8	MW-8D	5/3/2021		WATER
9	MW-6D	5/3/2021		WATER
10	MW-2D	5/3/2021		WATER
11	MW-10D	5/3/2021		WATER
12	MW-4D	5/3/2021		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: 2020704011.01

LOCATION: N. BUCKEYE TANK BATTERY

MI

SAMPLE MATRIX: WATER

SAMPLE ID: MW-1

GTA PROJECT NO: 050421-2

GTA SAMPLE NO: 1

DATE SAMPLED: 5/3/2021

TIME SAMPLED:

DATE RECEIVED: 5/4/2021

TIME RECEIVED: 8:55 AM

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		5/5/2021	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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COMPANY: MILLER ENERGY COMPANY II, LLC

PROJECT NO: 2020704011.01

LOCATION: N. BUCKEYE TANK BATTERY

MI

SAMPLE MATRIX: WATER

SAMPLE ID: MW-2

GTA PROJECT NO: 050421-2

GTA SAMPLE NO: 2

DATE SAMPLED: 5/3/2021

TIME SAMPLED:

DATE RECEIVED: 5/4/2021

TIME RECEIVED: 8:55 AM

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		5/5/2021	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

COMPANY:	MILLER ENERGY COMPANY II, LLC	GTA PROJECT NO:	050421-2
PROJECT NO:	2020704011.01	GTA SAMPLE NO:	3
LOCATION:	N. BUCKEYE TANK BATTERY	DATE SAMPLED:	5/3/2021
		TIME SAMPLED:	
	MI	DATE RECEIVED:	5/4/2021
		TIME RECEIVED:	8:55 AM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-5	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		5/5/2021	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: 2020704011.01

LOCATION: N. BUCKEYE TANK BATTERY

MI

SAMPLE MATRIX: WATER

SAMPLE ID: MW-4

GTA PROJECT NO: 050421-2

GTA SAMPLE NO: 4

DATE SAMPLED: 5/3/2021

TIME SAMPLED:

DATE RECEIVED: 5/4/2021

TIME RECEIVED: 8:55 AM

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	15	1.0	ug/L (PPB)	MR		5/5/2021	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

COMPANY:	MILLER ENERGY COMPANY II, LLC	GTA PROJECT NO:	050421-2
PROJECT NO:	2020704011.01	GTA SAMPLE NO:	5
LOCATION:	N. BUCKEYE TANK BATTERY	DATE SAMPLED:	5/3/2021
		TIME SAMPLED:	
	MI	DATE RECEIVED:	5/4/2021
		TIME RECEIVED:	8:55 AM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-9D	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	42	1.0	ug/L (PPB)	MR		5/5/2021	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

COMPANY:	MILLER ENERGY COMPANY II, LLC	GTA PROJECT NO:	050421-2
PROJECT NO:	2020704011.01	GTA SAMPLE NO:	6
LOCATION:	N. BUCKEYE TANK BATTERY	DATE SAMPLED:	5/3/2021
		TIME SAMPLED:	
	MI	DATE RECEIVED:	5/4/2021
		TIME RECEIVED:	8:55 AM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-1D	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	55	1.0	ug/L (PPB)	MR		5/5/2021	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: 2020704011.01
LOCATION: N. BUCKEYE TANK BATTERY
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-7D

GTA PROJECT NO: 050421-2
GTA SAMPLE NO: 7
DATE SAMPLED: 5/3/2021
TIME SAMPLED:
DATE RECEIVED: 5/4/2021
TIME RECEIVED: 8:55 AM
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		5/5/2021	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
PROJECT NO: 2020704011.01
LOCATION: N. BUCKEYE TANK BATTERY
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-8D
GTA PROJECT NO: 050421-2
GTA SAMPLE NO: 8
DATE SAMPLED: 5/3/2021
TIME SAMPLED:
DATE RECEIVED: 5/4/2021
TIME RECEIVED: 8:55 AM
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	92	1.0	ug/L (PPB)	MR		5/5/2021	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

COMPANY:	MILLER ENERGY COMPANY II, LLC	GTA PROJECT NO:	050421-2
PROJECT NO:	2020704011.01	GTA SAMPLE NO:	9
LOCATION:	N. BUCKEYE TANK BATTERY	DATE SAMPLED:	5/3/2021
		TIME SAMPLED:	
	MI	DATE RECEIVED:	5/4/2021
		TIME RECEIVED:	8:55 AM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-6D	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	120	1.0	ug/L (PPB)	MR		5/5/2021	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

COMPANY:	MILLER ENERGY COMPANY II, LLC	GTA PROJECT NO:	050421-2
PROJECT NO:	2020704011.01	GTA SAMPLE NO:	10
LOCATION:	N. BUCKEYE TANK BATTERY	DATE SAMPLED:	5/3/2021
		TIME SAMPLED:	
	MI	DATE RECEIVED:	5/4/2021
		TIME RECEIVED:	8:55 AM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	MW-2D	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	210	1.0	ug/L (PPB)	MR		5/5/2021	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 II, LLC
PROJECT NO: 2020704011.01
LOCATION: N. BUCKEYE TANK BATTERY
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-10D
GTA PROJECT NO: 050421-2
GTA SAMPLE NO: 11
DATE SAMPLED: 5/3/2021
TIME SAMPLED:
DATE RECEIVED: 5/4/2021
TIME RECEIVED: 8:55 AM
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	220	1.0	ug/L (PPB)	MR		5/5/2021	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: 2020704011.01
LOCATION: N. BUCKEYE TANK BATTERY
MI
SAMPLE MATRIX: WATER
SAMPLE ID: MW-4D

GTA PROJECT NO: 050421-2
GTA SAMPLE NO: 12
DATE SAMPLED: 5/3/2021
TIME SAMPLED:
DATE RECEIVED: 5/4/2021
TIME RECEIVED: 8:55 AM
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	450	10.0	ug/L (PPB)	MR		5/5/2021	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: 2020704011.01

LOCATION: N. BUCKEYE TANK BATTERY

GTA PROJECT NO: 050421-2

GTA SAMPLE NO: 1

DATE SAMPLED: 5/3/2021

TIME SAMPLED:

DATE RECEIVED: 5/4/2021

TIME RECEIVED: 8:55 AM

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

5/5/2021

Sample

WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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

**INDEPENDENT TESTING LAB**

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FAX: 231-929-0894

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COMPANY: MILLER ENERGY COMPANY II, LLC

PROJECT NO: 2020704011.01

LOCATION: N. BUCKEYE TANK BATTERY

GTA PROJECT NO: 050421-2

GTA SAMPLE NO: 2

DATE SAMPLED: 5/3/2021

TIME SAMPLED:

DATE RECEIVED: 5/4/2021

TIME RECEIVED: 8:55 AM

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

SAMPLE ID: MW-2

CHLORIDE EPA 300.0

Concentration

ND

LOD

10

Units

mg/L (PPM)

Analyst

TR

Date Completed

5/5/2021

Sample

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

PROJECT NO: 2020704011.01

LOCATION: N. BUCKEYE TANK BATTERY

MI

SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 050421-2

GTA SAMPLE NO: 3

DATE SAMPLED: 5/3/2021

TIME SAMPLED:

DATE RECEIVED: 5/4/2021

TIME RECEIVED: 8:55 AM

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-5

CHLORIDE EPA 300.0

Concentration

ND

LOD

10

Units

mg/L (PPM)

Analyst

TR

Date Completed

5/5/2021

Sample

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

PROJECT NO: 2020704011.01

LOCATION: N. BUCKEYE TANK BATTERY

MI
SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 050421-2

GTA SAMPLE NO: 4

DATE SAMPLED: 5/3/2021

TIME SAMPLED:

DATE RECEIVED: 5/4/2021

TIME RECEIVED: 8:55 AM

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</u>
	SAMPLE ID: MW-4						
	CHLORIDE EPA 300.0	ND	10	mg/L (PPM)	TR	5/5/2021	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: 050421-2

PROJECT NO: 2020704011.01

GTA SAMPLE NO: 5

LOCATION: N. BUCKEYE TANK BATTERY

DATE SAMPLED: 5/3/2021

TIME SAMPLED:

DATE RECEIVED: 5/4/2021

TIME RECEIVED: 8:55 AM

MI

SAMPLED BY: JOSHUA GERRIE/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</u>
	SAMPLE ID: MW-9D						
	CHLORIDE EPA 300.0	17,000	1,000	mg/L (PPM)	TR	5/5/2021	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: 050421-2

PROJECT NO: 2020704011.01

GTA SAMPLE NO: 6

LOCATION: N. BUCKEYE TANK BATTERY

DATE SAMPLED: 5/3/2021

TIME SAMPLED:

DATE RECEIVED: 5/4/2021

TIME RECEIVED: 8:55 AM

MI

SAMPLED BY: JOSHUA GERRIE/GCES

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-1D

CHLORIDE EPA 300.0

Concentration

LOD

Units

Analyst

Date Completed

Sample

6,700

500

mg/L (PPM)

TR

5/5/2021

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: 050421-2

PROJECT NO: 2020704011.01

GTA SAMPLE NO: 7

LOCATION: N. BUCKEYE TANK BATTERY

DATE SAMPLED: 5/3/2021

TIME SAMPLED:

DATE RECEIVED: 5/4/2021

TIME RECEIVED: 8:55 AM

MI

SAMPLED BY: JOSHUA GERRIE/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</u>
	SAMPLE ID: MW-7D						
	CHLORIDE EPA 300.0	690	50	mg/L (PPM)	TR	5/5/2021	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

PROJECT NO: 2020704011.01

LOCATION: N. BUCKEYE TANK BATTERY

GTA PROJECT NO: 050421-2

GTA SAMPLE NO: 8

DATE SAMPLED: 5/3/2021

TIME SAMPLED:

DATE RECEIVED: 5/4/2021

TIME RECEIVED: 8:55 AM

SAMPLED BY: MI
JOSHUA GERRIE/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</u>
	SAMPLE ID: MW-8D						
	CHLORIDE EPA 300.0	18,000	1,000	mg/L (PPM)	TR	5/5/2021	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: 050421-2

PROJECT NO: 2020704011.01

GTA SAMPLE NO: 9

LOCATION: N. BUCKEYE TANK BATTERY

DATE SAMPLED: 5/3/2021

TIME SAMPLED:

DATE RECEIVED: 5/4/2021

TIME RECEIVED: 8:55 AM

MI

SAMPLED BY: JOSHUA GERRIE/GCES

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-6D

CHLORIDE EPA 300.0

Concentration

15,000

LOD

1,000

Units

mg/L (PPM)

Analyst

TR

Date Completed

5/5/2021

Sample

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: 050421-2

PROJECT NO: 2020704011.01

GTA SAMPLE NO: 10

LOCATION: N. BUCKEYE TANK BATTERY

DATE SAMPLED: 5/3/2021

TIME SAMPLED:

DATE RECEIVED: 5/4/2021

TIME RECEIVED: 8:55 AM

MI

SAMPLED BY: JOSHUA GERRIE/GCES

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-2D

CHLORIDE EPA 300.0

Concentration

12,000

LOD

1,000

Units

mg/L (PPM)

Analyst

TR

Date Completed

5/5/2021

Sample

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

PROJECT NO: 2020704011.01

LOCATION: N. BUCKEYE TANK BATTERY

MI

SAMPLED BY: JOSHUA GERRIE/GCES

GTA PROJECT NO: 050421-2

GTA SAMPLE NO: 11

DATE SAMPLED: 5/3/2021

TIME SAMPLED:

DATE RECEIVED: 5/4/2021

TIME RECEIVED: 8:55 AM

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-10D

CHLORIDE EPA 300.0

Concentration

42,000

LOD

2,000

Units

mg/L (PPM)

Analyst

TR

Date Completed

5/5/2021

Sample

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: 050421-2

PROJECT NO: 2020704011.01

GTA SAMPLE NO: 12

LOCATION: N. BUCKEYE TANK BATTERY

DATE SAMPLED: 5/3/2021

TIME SAMPLED:

DATE RECEIVED: 5/4/2021

TIME RECEIVED: 8:55 AM

MI

SAMPLED BY: JOSHUA GERRIE/GCES

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-4D

CHLORIDE EPA 300.0

Concentration

23,000

LOD

1,000

Units

mg/L (PPM)

Analyst

TR

Date Completed

5/5/2021

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	SITE NAME/ADDRESS	COMPANY/NAME
2020704011.01	N. Buckeye Tank Battery	Summit Petroleum
SAMPLED BY	COMPANY	GTA PROJECT #
Joshua Gervie	Gosling Czubak	050421-2

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	MW-1	5-3-21		GW	BTEX+4 + Chloride
2	MW-2				
3	MW-5				
4	MW-4				
5	MW-9d				
6	MW-1d				
7	MW-7d				
8	MW-8d				
9	MW-6d				
10	MW-2d				
11	MW-10d				
12	MW-4d				

BILL TO:	TempRec: ☐ Y ☒ N 4.0°C	On Ice? ☒ Y ☐ N	REPORT TO:
Summit Petroleum			Eric Vincke
RELEASED BY	DATE/TIME	RECEIVED BY	DATE/TIME
[Signature]	5-4-21/0855	Trevor Rind	5-4-21 8:55
		REC 4.0°C on ice	
REQUESTED TAT ☒ STANDARD ☐ 1 BUSINESS DAY ☐ 2 BUSINESS DAYS ☐ 3 BUSINESS DAYS			