

**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:

Site Addr: HE TOPE A2 SWD

GTA ProjNo: 082022-3

Sampled By: TIM HALLADAY/MECH
Date Rec: 8/20/2022
Time Rec: 1:27 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	F5	8/19/2022	10:12 AM	SOIL
2	F6	8/19/2022	10:18 AM	SOIL
3	F7	8/19/2022	10:22 AM	SOIL
4	F8	8/19/2022	10:31 AM	SOIL
5	SW ₂ -B	8/19/2022	10:36 AM	SOIL
6	SW ₃	8/19/2022	10:44 AM	SOIL

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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kirk@gtanalytical.com

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COMPANY: MILLER ENERGY COMPANY II, LLC

GTA PROJECT NO: 082022-3

PROJECT NO:

GTA SAMPLE NO: 1

LOCATION: HE TOPE A2 SWD

DATE SAMPLED: 8/19/2022

TIME SAMPLED: 10:12 AM

DATE RECEIVED: 8/20/2022

TIME RECEIVED: 1:27 PM

MI

SAMPLED BY: TIM HALLADAY/MECH

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: F5							
CHLORIDE EPA 300.0		180	99	mg/Kg (PPM)	KC/TR	8/23/2022	SOIL

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: 082022-3

PROJECT NO:

GTA SAMPLE NO: 2

LOCATION: HE TOPE A2 SWD

DATE SAMPLED: 8/19/2022

TIME SAMPLED: 10:18 AM

DATE RECEIVED: 8/20/2022

TIME RECEIVED: 1:27 PM

MI

SAMPLED BY: TIM HALLADAY/MECH

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: F6

CHLORIDE EPA 300.0

Concentration

ND

LOD

100

Units

mg/Kg (PPM)

Analyst

KC/TR

Date Completed

8/23/2022

Sample Matrix

SOIL

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: 082022-3

GTA SAMPLE NO: 3

PROJECT NO:

LOCATION: HE TOPE A2 SWD

DATE SAMPLED: 8/19/2022

TIME SAMPLED: 10:22 AM

DATE RECEIVED: 8/20/2022

TIME RECEIVED: 1:27 PM

MI

SAMPLED BY: TIM HALLADAY/MECH

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: F7						
	CHLORIDE EPA 300.0	130	99	mg/Kg (PPM)	KC/TR	8/23/2022	SOIL

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: 082022-3

PROJECT NO:

GTA SAMPLE NO: 4

LOCATION: HE TOPE A2 SWD

DATE SAMPLED: 8/19/2022

TIME SAMPLED: 10:31 AM

DATE RECEIVED: 8/20/2022

TIME RECEIVED: 1:27 PM

MI

SAMPLED BY: TIM HALLADAY/MECH

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: F8

CHLORIDE EPA 300.0

Concentration

ND

LOD

140

Units

mg/Kg (PPM)

Analyst

KC/TR

Date Completed

8/23/2022

Sample Matrix

SOIL

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: 082022-3

PROJECT NO:

GTA SAMPLE NO: 5

LOCATION: HE TOPE A2 SWD

DATE SAMPLED: 8/19/2022

TIME SAMPLED: 10:36 AM

DATE RECEIVED: 8/20/2022

TIME RECEIVED: 1:27 PM

MI

SAMPLED BY: TIM HALLADAY/MECH

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: SW2-B

CHLORIDE EPA 300.0

Concentration

LOD

Units

Analyst

Date Completed

Sample Matrix

ND

110

mg/Kg (PPM) KC/TR

8/23/2022

SOIL

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: 082022-3

PROJECT NO:

GTA SAMPLE NO: 6

LOCATION: HE TOPE A2 SWD

DATE SAMPLED: 8/19/2022

TIME SAMPLED: 10:44 AM

DATE RECEIVED: 8/20/2022

TIME RECEIVED: 1:27 PM

MI

SAMPLED BY: TIM HALLADAY/MECH

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: SW3						
	CHLORIDE EPA 300.0	140	110	mg/Kg (PPM)	KC/TR	8/23/2022	SOIL

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COMPANY: MILLER ENERGY COMPANY II, LLC

GTA PROJECT NO: 082022-

NAME:

SAMPLED BY: TIM HALLADAY/MECII

PROJECT NO:

DATE SAMPLED: 8/19/2022

LOCATION: HE TOPE A2 SWD

SAMPLE MATRIX: SOIL

DATE RECEIVED: 8/20/2022

TIME RECEIVED: 1:27 PM

MI

MOISTURE

<u>No:</u>	<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date Completed</u>
SAMPLE ID: F5	% MOISTURE EPA 3550C	1.9	0.050	% OF SAMPLE	TR	8/22/2022
SAMPLE ID: F6	% MOISTURE EPA 3550C	4.6	0.050	% OF SAMPLE	TR	8/22/2022
SAMPLE ID: F7	% MOISTURE EPA 3550C	0.75	0.050	% OF SAMPLE	TR	8/22/2022
SAMPLE ID: F8	% MOISTURE EPA 3550C	15	0.050	% OF SAMPLE	TR	8/22/2022
SAMPLE ID: SW2-B	% MOISTURE EPA 3550C	9.2	0.050	% OF SAMPLE	TR	8/22/2022
SAMPLE ID: SW3		9.9	0.050	% OF SAMPLE	TR	8/22/2022

CHAIN OF CUSTODY

PROJECT NUMBER H-E Tope A2 SWD	SITE NAME/ADDRESS	COMPANY/NAME Miller Energy Company II
SAMPLED BY Tim Halladay	COMPANY Miller Energy Company, II	GTA PROJECT # 082022-3

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	F5	8/19/22	10:12 AM	Soil	Chloride
2	F6	8/19/22	10:18 AM	Soil	Chloride
3	F7	8/19/22	10:22 AM	Soil	Chloride
4	F8	8/19/22	10:31 AM	Soil	Chloride
5	SW2-B	8/19/22	10:36 PM	Soil	Chloride
6	SW3	8/19/22	10:44 AM	Soil	Chloride

BILL TO:

Miller Energy Company II, LLC

REPORT TO:

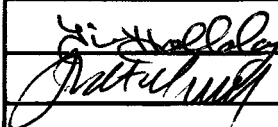
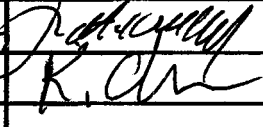
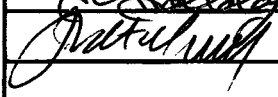
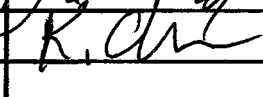
Laura Dyke

RELEASED BY

DATE/TIME

RECEIVED BY

DATE/TIME

	8-19-22 3:25 PM		8/19/22 3:25 PM
	8/20/2022 1:27 PM		8/20/22 1:27 PM

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