

UICI - 005

AGUA MOSS LLC

**QUARTERLY
REPORT**

2013

**State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division
Environmental Bureau
1220 South St. Francis Dr.
Santa Fe, NM 87505**

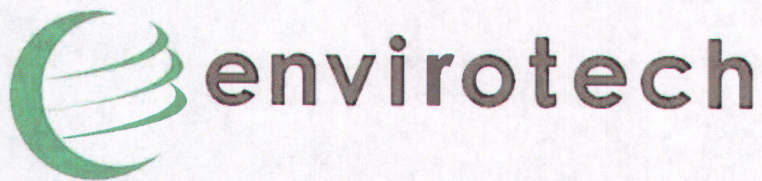
**2012 Annual QR Report
2013 Quarterly Reports
Sunco Disposal Well #1**

**Agua Moss, LLC
PO Box 600
Farmington, NM 87499
Attn: Philana Thompson
Phone: 505-324-5336**

July 15, 2013

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[illegible]



April 16, 2013

Project Number: 07117-0010

Ms. Philana Thompson
Regulatory Compliance
Agua Moss
345 CR 350
Farmington, New Mexico 87401

Phone: (505) 324-5336

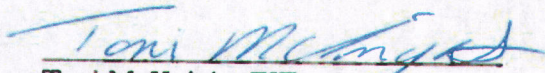
RE: FIRST QUARTER INJECTED FLUIDS SAMPLING AND ANALYTICAL RESULTS, AGUA MOSS, SAN JUAN COUNTY, NEW MEXICO

Dear Ms. Thompson:

Please find enclosed the analytical results, field notes, and Table 1, Summary of Analytical Results, for the injected fluids located in Section 2, Township 29 North, Range 12 West, San Juan County, New Mexico. Activities included sample collection and analysis, documentation and reporting in alignment with the analyses and procedures that were requested.

If you have any questions or require additional information, please contact our office at (505) 632-0615.

Respectfully Submitted,
ENVIROTECH, INC.


Toni McKnight, EIT
Environmental Project Manager
tmcknight@envirotech-inc.com

Enclosure: Table 1, Summary of Analytical Results
Analytical Results
Field Notes

Cc: Client File Number: 07117

Table 1, Summary of Analytical Results
Fourth Quarter Injected Fluids Sampling
Agua Moss
San Juan County, New Mexico
Project No. 07117-0010
March 2013

Contaminant of Concern	Units	Sample Location
		Injection Facility
pH*	(s.u.)	7.05
ORP*	mV	-195.4
Specific Conductance*	mS	42.31
Specific Gravity	ratio	1.03
Temperature*	°C	14.61
Conductivity @ 25 °C	umhos/cm	58500
Total Dissolved Solids @ 180 °C	mg/L	45200
Sodium Absorption Ratio	ratio	185
Total Alkalinity as CaCO3	mg/L	9500
Total Hardness as CaCO3	mg/L	1480
Bicarbonate as CaCO3	mg/L	9500
Carbonate as CaCO3	mg/L	<0.10
Hydroxide as CaCO3	mg/L	<0.10
Nitrate Nitrogen	mg/L	<100
Nitrite Nitrogen	mg/L	<100
Chloride	mg/L	39300
Fluoride	mg/L	<100
Phosphate	mg/L	<100
Sulfate	mg/L	<100
Iron	mg/L	9.89
Calcium	mg/L	344
Magnesium	mg/L	150
Potassium	mg/L	67
Sodium	mg/L	16300
Bromide	mg/L	<100
* Field Measurement		



Analytical Report

Report Summary

Client: Agua Moss LLC

Chain Of Custody Number: 15336

Samples Received: 3/26/2013 2:15:00PM

Job Number: 07117-0010

Work Order: P303094

Project Name/Location: 1st Quarter Injection Fluid

Entire Report Reviewed By:

A handwritten signature in black ink, appearing to read 'Tim Cain', is written over a horizontal line.

Date: 4/3/13

Tim Cain, Laboratory Manager

Supplement to analytical report generated on: 4/1/13 10:48 am

The results in this report apply to the samples submitted to Envirotech's Analytical Laboratory and were analyzed in accordance with the chain of custody document supplied by you, the client, and as such are for your exclusive use only. The results in this report are based on the sample as received unless otherwise noted. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc. If you have any questions regarding this analytical report, please don't hesitate to contact Envirotech's Laboratory Staff.



Agua Moss LLC
PO Box 600
Farmington NM, 87499

Project Name: 1st Quarter Injection Fluid
Project Number: 07117-0010
Project Manager: Etech

Reported:
03-Apr-13 09:31

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Injection Fluid	P303094-01A	Aqueous	03/26/13	03/26/13	Poly 500mL
	P303094-01B	Aqueous	03/26/13	03/26/13	Poly 500mL

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5796 US Highway 64, Farmington, NM 87401

Three Springs • 65 Mercado Street, Suite 115, Durango, CO 81301

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envirotech-inc.com
laboratory@envirotech-inc.com



Agua Moss LLC
PO Box 600
Farmington NM, 87499

Project Name: 1st Quarter Injection Fluid
Project Number: 07117-0010
Project Manager: Etech

Reported:
03-Apr-13 09:31

Injection Fluid
P303094-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Cation/Anion Analysis									
pH	7.14		pH Units	1	1313018	26-Mar-13	26-Mar-13	EPA 150.1	
Electrical Conductivity	58500		umhos/cm	1	1313018	26-Mar-13	26-Mar-13	EPA 120.1	
Total Dissolved Solids	45200		mg/L	1	1313024	27-Mar-13	27-Mar-13	EPA 160.1	
Sodium Absorption Ratio	185		N/A	1	1313026	28-Mar-13	28-Mar-13	[CALC]	
Total Alkalinity as CaCO ₃	9500	0.10	mg/L	10	1313031	28-Mar-13	28-Mar-13	Hach Method 8203	
Total Hardness as CaCO ₃	1480	6.62	mg/L	100	[CALC]	27-Mar-13	27-Mar-13	[CALC]	
Bicarbonate as CaCO ₃	9500	0.10	mg/L	10	1313031	28-Mar-13	28-Mar-13	Hach Method 8203	
Carbonate as CaCO ₃	ND	0.10	mg/L	10	1313031	28-Mar-13	28-Mar-13	Hach Method 8203	
Hydroxide as CaCO ₃	ND	0.10	mg/L	10	1313031	28-Mar-13	28-Mar-13	Hach Method 8203	
Nitrate-N	ND	100	mg/L	100	1313013	26-Mar-13	27-Mar-13	EPA 300.0	
Nitrite-N	ND	100	mg/L	100	1313013	26-Mar-13	27-Mar-13	EPA 300.0	
Bromide	ND	100	mg/L	100	1313013	26-Mar-13	27-Mar-13	EPA 300.0	
Chloride	39300	100	mg/L	100	1313013	26-Mar-13	27-Mar-13	EPA 300.0	
Fluoride	ND	100	mg/L	100	1313013	26-Mar-13	27-Mar-13	EPA 300.0	
o-Phosphate	ND	100	mg/L	100	1313013	26-Mar-13	27-Mar-13	EPA 300.0	
Sulfate	ND	100	mg/L	100	1313013	26-Mar-13	27-Mar-13	EPA 300.0	
Iron	9.89	1.00	mg/L	100	1313023	27-Mar-13	27-Mar-13	EPA 6010C	
Calcium	344	1.00	mg/L	100	1313023	27-Mar-13	27-Mar-13	EPA 6010C	
Magnesium	150	1.00	mg/L	100	1313023	27-Mar-13	27-Mar-13	EPA 6010C	
Potassium	67.0	1.00	mg/L	100	1313023	27-Mar-13	27-Mar-13	EPA 6010C	
Sodium	16300	1.00	mg/L	100	1313023	27-Mar-13	27-Mar-13	EPA 6010C	
Wet Chemistry									
Specific Gravity	1.03		N/A	1	1313041	29-Mar-13	29-Mar-13	STD Meth 2710F	

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Agua Moss LLC
PO Box 600
Farmington NM, 87499

Project Name: 1st Quarter Injection Fluid
Project Number: 07117-0010
Project Manager: Etech

Reported:
03-Apr-13 09:31

Cation/Anion Analysis - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------	-------

Batch 1313013 - Anion Extraction EPA 300.0

Blank (1313013-BLK1)

Prepared & Analyzed: 26-Mar-13

Nitrate-N	ND	10.0	mg/L
Nitrite-N	ND	10.0	"
Chloride	ND	10.0	"
Bromide	ND	10.0	"
Fluoride	ND	10.0	"
o-Phosphate	ND	10.0	"
Sulfate	ND	10.0	"

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Agua Moss LLC
PO Box 600
Farmington NM, 87499

Project Name: 1st Quarter Injection Fluid
Project Number: 07117-0010
Project Manager: Etech

Reported:
03-Apr-13 09:31

Notes and Definitions

DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference

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15336

Page 6 of 6



Project Manager: Toni McNight Sampler: Toni McNight

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FIRST QUARTER LANDFARM SOIL SAMPLING AND ANALYSIS REPORT

SITE NAME:

**AGUA MOSS LANDFARM
CELL #1 AND CELL #2
SECTION 2, TOWNSHIP 29 NORTH, RANGE 12 WEST
SAN JUAN COUNTY, NEW MEXICO**

SUBMITTED TO:

**MS. PHILANA THOMPSON
AGUA MOSS
345 CR 350
FARMINGTON, NEW MEXICO 87401**

SUBMITTED BY:

**ENVIROTECH, INC
5796 HIGHWAY 64
FARMINGTON, NEW MEXICO 87401
(505) 632-0615**

**PROJECT NUMBER 07117-0009
MARCH 2013**

**LANDFARM SOIL SAMPLING
AND ANALYSIS REPORT
AGUA MOSS LANDFARM
CELL #1 AND CELL #2
SECTION 2, TOWNSHIP 29 NORTH, RANGE 12 WEST
SAN JUAN COUNTY, NEW MEXICO**

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Tables:	Table 1, Summary of Analytical Results
Appendices:	Appendix A, Analytical Results

INTRODUCTION

Envirotech, Inc. of Farmington, New Mexico, was contracted by Agua Moss to provide sampling and analysis services for the Agua Moss Farmington-NM-01-0009 Landfarm located in Section 2, Township 29 North, Range 12 West, San Juan County, New Mexico; see *Figure 1, Vicinity Map*. Activities included sample collection, analysis, documentation and reporting.

ACTIVITIES PERFORMED

Envirotech personnel performed soil sampling activities on March 25, 2013, at the Agua Moss Landfarm. Envirotech personnel divided Cell #1 into four (4) grids and Cell #2 into two (2) sections (North and South) with eight (8) grids per section, for a total of 16 grids. These sampling areas will be referred to as C1 - (1 to 4), C2N - (1 to 8), and C2S - (1 to 8); see *Figure 2, Sampling Grid Diagram*. Random sample locations were determined by "Out of Hat" drawing.

After determining random sample locations, using a hand auger, one (1) sample was collected from Cell #1 and designated as C1. One (1) sample was collected from each of the North and South sections of Cell #2 and designated as C2N and C2S; see *Figure 2, Sampling Grid Diagram* and *Appendix B, Field Notes*. Each soil sample was collected two (2) to three (3) feet below native ground surface in each of the sampling grids for vadose zone monitoring. All boreholes and sampling points were backfilled with impermeable bentonite material as stated in NMOCD Permit NM-01-0009. Soil samples were collected into four (4)-ounce glass jars, capped headspace free, and transported on ice, under chain of custody, to Envirotech's Analytical Laboratory to be analyzed for total petroleum hydrocarbons (TPH) using USEPA Methods 418.1 and 8015, and for benzene and total BTEX using USEPA Method 8021.

SUMMARY

Sampling and analysis services were performed for the Agua Moss Farmington-NM-01-0009 Landfarm located in Section 2, Township 29 North, Range 12 West, San Juan County, New Mexico. Services were conducted in accordance with the Agua Moss Landfarm permit NM-01-0009.

Samples collected from the vadose zone returned results that were non-detect (ND) for all constituents analyzed, except for the C2S sample collected in Cell 2. C2S returned a result of 27 ppm for TPH using USEPA Method 418.1, but was ND for all other constituents analyzed; see *Table 1, Summary of Analytical Results* and *Appendix A, Analytical Results*. The results of this sampling indicate that contaminants have not leached into the vadose zone.

STATEMENT OF LIMITATIONS

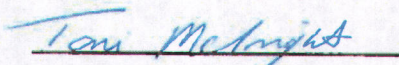
Envirotech, Inc. has completed sampling and analysis services for Agua Moss Farmington-NM-01-0009 Landfarm located in Section 2, Township 29 North, Range 12 West, San Juan County, New Mexico. The work and services provided by Envirotech, Inc. were in accordance with the New Mexico Oil Conservation Division standards. All observations and conclusions provided here are based on the information and current site conditions found at the site.

The undersigned has conducted this service at the above referenced site; this work has been conducted and reported in accordance with generally accepted professional practices in geology, engineering, environmental chemistry, and hydrogeology.

We appreciate the opportunity to be of service. If you have any questions or require additional information, please contact our office at (505) 632-0615.

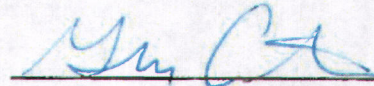
Respectfully Submitted,

ENVIROTECH, INC.



Toni McKnight, EIT
Environmental Project Manager
tmcknight@envirotech-inc.com

Reviewed by:

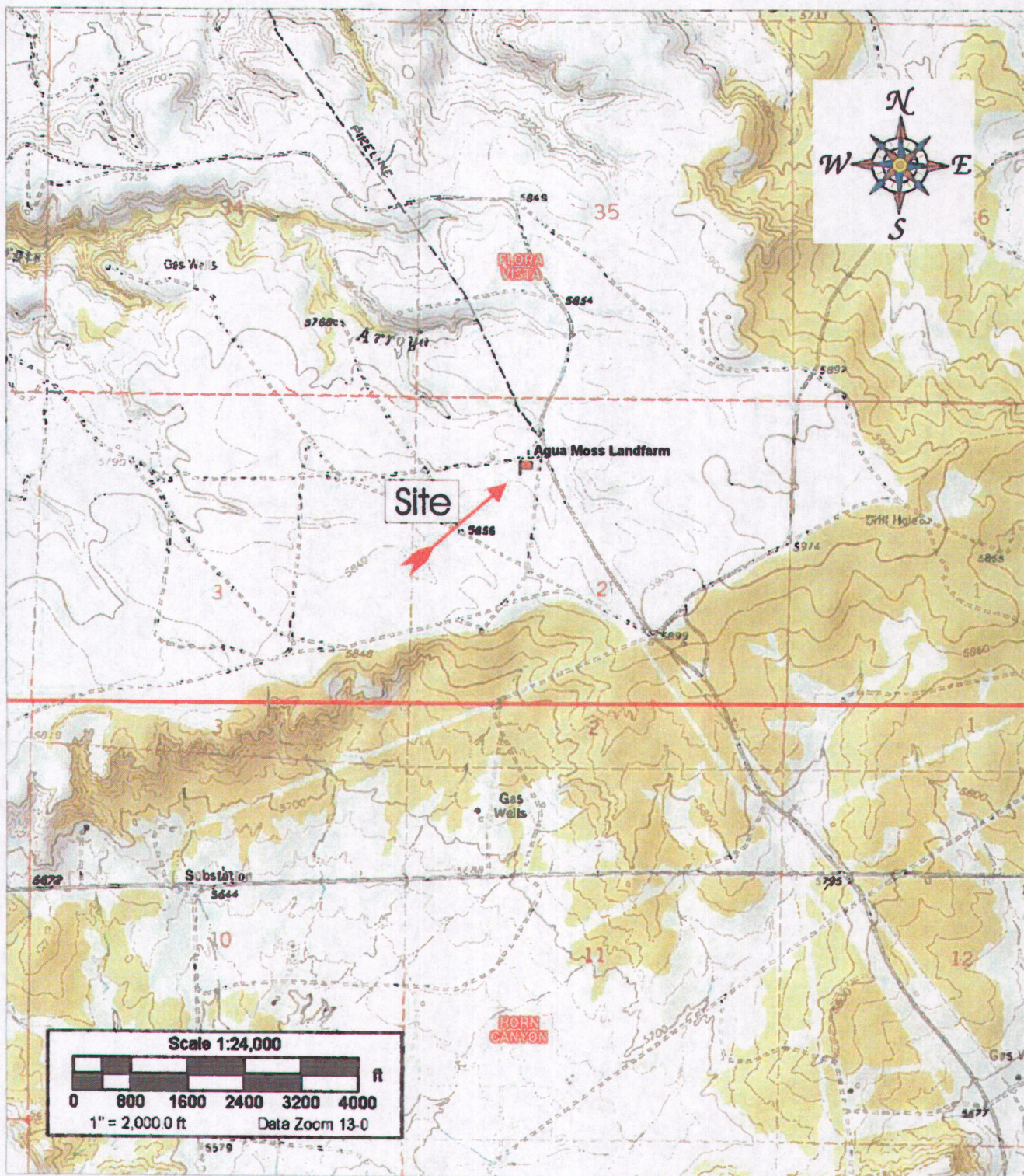


Gregory W. Crabtree, P.E.
Environmental Manager
gcrabtree@envirotech-inc.com

FIGURES

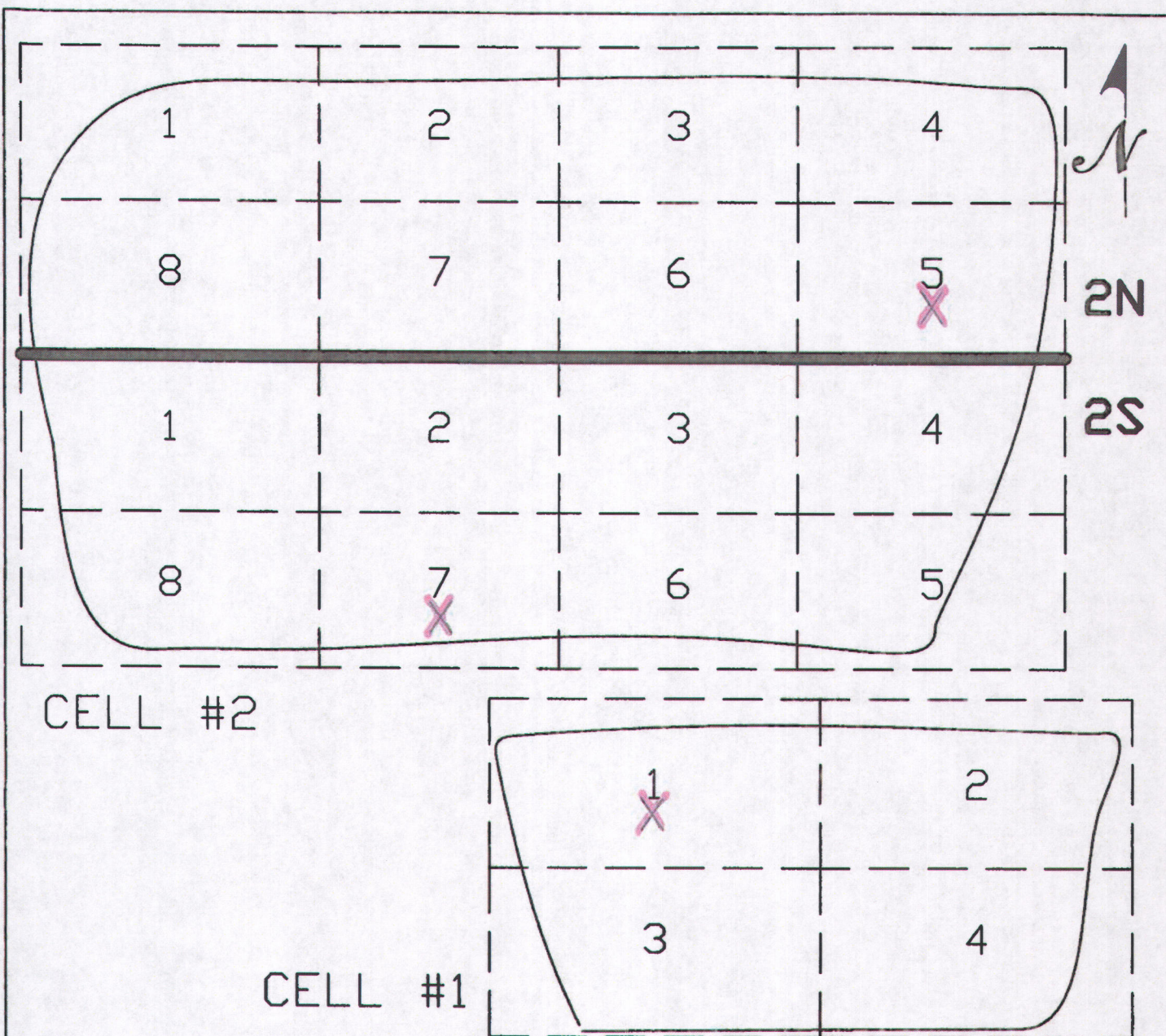
Figure 1, Vicinity Map

Figure 2, Sampling Grid Diagram



Source: Flora Vista, New Mexico 7.5 Minute U.S.G.S. Topographic Quadrangle Map
 Scale: 1:24,000 1" = 2000'

Agua Moss 1st Quarter Sampling Landfarm Cell #1 and #2 San Juan County, New Mexico	 envirotech ENVIRONMENTAL SCIENTISTS & ENGINEERS 5796 U.S. HIGHWAY 64 Farmington, New Mexico 87401 505.632.0615	Vicinity Map	
PROJECT Number: 07117-0009 Date Drawn: 3/29/13		Figure #1 DRAWN BY: Tiffany McIntosh	PROJECT MANAGER: Greg Crabtree



LEGEND

- LAND FARM BOUNDARY
- GRID BOUNDARY
- X SAMPLING POINTS

SAMPLING GRID DIAGRAM AGUA MOSS LANDFARM

SECTION 2, TOWNSHIP 29N, RANGE 12W
SAN JUAN COUNTY, NEW MEXICO

SCALE: MTS		FIGURE NO. 2	REV
PROJECT N007117-0009			
REVISIONS			
NO.	DATE	BY	DESCRIPTION
MAP DRWN	TLM	4-1-13	BASE DRWN



5796 U.S. HIGHWAY 64, FARMINGTON, NM 87401 505-632-0615

TABLES

Table 1, Summary of Analytical Results

Table 1, Summary of Analytical Results

Agua Moss
Landfarm Sampling Report
Permit NM-01-0009
Section 2, Township 29 North, Range 12 West
San Juan County, New Mexico
Project Number 07117-0009

Date	Sample Description	Grid Number	Latitude/Longitude	USEPA Method 418.1 TPH (ppm)	USEPA Method 8015 TPH (ppm)	USEPA Method 8021	
						Benzene (ppm)	BTEX (ppm)
NA	NMOCD Standards	NA	NA	2500	1000	0.2	50
3/25/2013	Cell 1	1	36.758345, -108.071737	ND	ND	ND	ND
3/25/2013	Cell 2 N	5	36.759023, -108.071268	ND	ND	ND	ND
3/25/2013	Cell 2 S	7	36.758624, -108.072310	27.0	ND	ND	ND

*Values in **BOLD** above OCD Rule 53.G Specific Requirements
Applicable to Landfarms, Treatment Zone Closure Performance Standards

*ND - Parameter not detected

APPENDIX A

Analytical Results



Analytical Report

Report Summary

Client: Agua Moss LLC

Chain Of Custody Number: 15331

Samples Received: 3/25/2013 10:30:00AM

Job Number: 07117-0009

Work Order: P303088

Project Name/Location: Agua Moss Landfarm Cell
1 & 2

Entire Report Reviewed By:

A handwritten signature in black ink, appearing to read 'Tim Cain', is written over a horizontal line.

Date: 3/27/13

Tim Cain, Laboratory Manager

The results in this report apply to the samples submitted to Envirotech's Analytical Laboratory and were analyzed in accordance with the chain of custody document supplied by you, the client, and as such are for your exclusive use only. The results in this report are based on the sample as received unless otherwise noted. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc. If you have any questions regarding this analytical report, please don't hesitate to contact Envirotech's Laboratory Staff.



Agua Moss LLC
PO Box 600
Farmington NM, 87499

Project Name: Agua Moss Landfarm Cell 1 & 2
Project Number: 07117-0009
Project Manager: Etech

Reported:
27-Mar-13 11:40

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
C1	P303088-01A	Soil	03/25/13	03/25/13	Glass Jar, 4 oz.
C2N	P303088-02A	Soil	03/25/13	03/25/13	Glass Jar, 4 oz.
C2S	P303088-03A	Soil	03/25/13	03/25/13	Glass Jar, 4 oz.

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Agua Moss LLC
PO Box 600
Farmington NM, 87499

Project Name: Agua Moss Landfarm Cell 1 & 2
Project Number: 07117-0009
Project Manager: Etech

Reported:
27-Mar-13 11:40

C1

P303088-01 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	50.0	ug/L	1	1313011	26-Mar-13	26-Mar-13	EPA 8021B	
Toluene	ND	50.0	ug/L	1	1313011	26-Mar-13	26-Mar-13	EPA 8021B	
Ethylbenzene	ND	50.0	ug/L	1	1313011	26-Mar-13	26-Mar-13	EPA 8021B	
p,m-Xylene	ND	50.0	ug/L	1	1313011	26-Mar-13	26-Mar-13	EPA 8021B	
o-Xylene	ND	50.0	ug/L	1	1313011	26-Mar-13	26-Mar-13	EPA 8021B	
Total BTEX	ND	50.0	ug/L	1	1313011	26-Mar-13	26-Mar-13	EPA 8021B	
Surrogate: Bromochlorobenzene		85.7 %	80-120		1313011	26-Mar-13	26-Mar-13	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		91.3 %	80-120		1313011	26-Mar-13	26-Mar-13	EPA 8021B	
Surrogate: Fluorobenzene		90.4 %	80-120		1313011	26-Mar-13	26-Mar-13	EPA 8021B	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	5.0	mg/kg	1	1313010	26-Mar-13	27-Mar-13	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	5.0	mg/kg	1	1313010	26-Mar-13	27-Mar-13	EPA 8015D	
GRO and DRO Combined Fractions	ND	5.0	mg/kg	1	1313010	26-Mar-13	27-Mar-13	EPA 8015D	
Total Petroleum Hydrocarbons by 418.1									
Total Petroleum Hydrocarbons	ND	20.0	mg/kg	1	1313016	26-Mar-13	26-Mar-13	EPA 418.1	

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Agua Moss LLC
 PO Box 600
 Farmington NM, 87499

 Project Name: Agua Moss Landfarm Cell 1 & 2
 Project Number: 07117-0009
 Project Manager: Etech

 Reported:
 27-Mar-13 11:40

C2N
P303088-02 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	50.0	ug/L	1	1313011	26-Mar-13	26-Mar-13	EPA 8021B	
Toluene	ND	50.0	ug/L	1	1313011	26-Mar-13	26-Mar-13	EPA 8021B	
Ethylbenzene	ND	50.0	ug/L	1	1313011	26-Mar-13	26-Mar-13	EPA 8021B	
p,m-Xylene	ND	50.0	ug/L	1	1313011	26-Mar-13	26-Mar-13	EPA 8021B	
o-Xylene	ND	50.0	ug/L	1	1313011	26-Mar-13	26-Mar-13	EPA 8021B	
Total BTEX	ND	50.0	ug/L	1	1313011	26-Mar-13	26-Mar-13	EPA 8021B	
Surrogate: Bromochlorobenzene		91.7 %	80-120		1313011	26-Mar-13	26-Mar-13	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		88.8 %	80-120		1313011	26-Mar-13	26-Mar-13	EPA 8021B	
Surrogate: Fluorobenzene		86.6 %	80-120		1313011	26-Mar-13	26-Mar-13	EPA 8021B	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	5.0	mg/kg	1	1313010	26-Mar-13	27-Mar-13	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	5.0	mg/kg	1	1313010	26-Mar-13	27-Mar-13	EPA 8015D	
GRO and DRO Combined Fractions	ND	5.0	mg/kg	1	1313010	26-Mar-13	27-Mar-13	EPA 8015D	
Total Petroleum Hydrocarbons by 418.1									
Total Petroleum Hydrocarbons	ND	20.0	mg/kg	1	1313016	26-Mar-13	26-Mar-13	EPA 418.1	

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Agua Moss LLC
PO Box 600
Farmington NM, 87499

Project Name: Agua Moss Landfarm Cell 1 & 2
Project Number: 07117-0009
Project Manager: Etech

Reported:
27-Mar-13 11:40

C2S
P303088-03 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	50.0	ug/L	1	1313011	26-Mar-13	26-Mar-13	EPA 8021B	
Toluene	ND	50.0	ug/L	1	1313011	26-Mar-13	26-Mar-13	EPA 8021B	
Ethylbenzene	ND	50.0	ug/L	1	1313011	26-Mar-13	26-Mar-13	EPA 8021B	
p,m-Xylene	ND	50.0	ug/L	1	1313011	26-Mar-13	26-Mar-13	EPA 8021B	
o-Xylene	ND	50.0	ug/L	1	1313011	26-Mar-13	26-Mar-13	EPA 8021B	
Total BTEX	ND	50.0	ug/L	1	1313011	26-Mar-13	26-Mar-13	EPA 8021B	
Surrogate: Bromochlorobenzene		92.2 %	80-120		1313011	26-Mar-13	26-Mar-13	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		88.8 %	80-120		1313011	26-Mar-13	26-Mar-13	EPA 8021B	
Surrogate: Fluorobenzene		86.3 %	80-120		1313011	26-Mar-13	26-Mar-13	EPA 8021B	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	5.0	mg/kg	1	1313010	26-Mar-13	27-Mar-13	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	5.0	mg/kg	1	1313010	26-Mar-13	27-Mar-13	EPA 8015D	
GRO and DRO Combined Fractions	ND	5.0	mg/kg	1	1313010	26-Mar-13	27-Mar-13	EPA 8015D	
Total Petroleum Hydrocarbons by 418.1									
Total Petroleum Hydrocarbons	27.0	20.0	mg/kg	1	1313016	26-Mar-13	26-Mar-13	EPA 418.1	

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laboratory@envirotech-inc.com



Agua Moss LLC
PO Box 600
Farmington NM, 87499

Project Name: Agua Moss Landfarm Cell 1 & 2
Project Number: 07117-0009
Project Manager: Etech

Reported:
27-Mar-13 11:40

Volatile Organics by EPA 8021 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 1313011 - Purge and Trap EPA 5030A

Blank (1313011-BLK1)

Prepared & Analyzed: 26-Mar-13

Benzene	ND	49.9	ug/L							
Toluene	ND	49.9	"							
Ethylbenzene	ND	49.9	"							
p,m-Xylene	ND	49.9	"							
o-Xylene	ND	49.9	"							
Total BTEX	ND	49.9	"							
Surrogate: Bromochlorobenzene	44.8		"	50.0		89.6	80-120			
Surrogate: 1,4-Difluorobenzene	47.0		"	50.0		94.0	80-120			
Surrogate: Fluorobenzene	45.9		"	50.0		91.9	80-120			

Duplicate (1313011-DUP1)

Source: P303090-01

Prepared & Analyzed: 26-Mar-13

Benzene	ND	50.0	ug/L		ND				30	
Toluene	ND	50.0	"		ND				30	
Ethylbenzene	ND	50.0	"		ND				30	
p,m-Xylene	ND	50.0	"		ND				30	
o-Xylene	ND	50.0	"		ND				30	
Surrogate: Bromochlorobenzene	50.3		"	50.0		101	80-120			
Surrogate: 1,4-Difluorobenzene	50.3		"	50.0		101	80-120			
Surrogate: Fluorobenzene	49.7		"	50.0		99.5	80-120			

Matrix Spike (1313011-MS1)

Source: P303090-01

Prepared & Analyzed: 26-Mar-13

Benzene	50.8		ug/L	50.0	0.17	101	39-150			
Toluene	50.6		"	50.0	0.47	100	46-148			
Ethylbenzene	50.4		"	50.0	0.18	100	32-160			
p,m-Xylene	101		"	100	0.61	100	46-148			
o-Xylene	50.5		"	50.0	0.44	100	46-148			
Surrogate: Bromochlorobenzene	49.3		"	50.0		98.6	80-120			
Surrogate: 1,4-Difluorobenzene	49.5		"	50.0		99.0	80-120			
Surrogate: Fluorobenzene	49.5		"	50.0		98.9	80-120			

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laboratory@envirotech-inc.com



Agua Moss LLC PO Box 600 Farmington NM, 87499	Project Name: Agua Moss Landfarm Cell 1 & 2 Project Number: 07117-0009 Project Manager: Etech	Reported: 27-Mar-13 11:40
---	---	------------------------------

Nonhalogenated Organics by 8015 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 1313010 - GRO/DRO Extraction EPA 3550C

Blank (1313010-BLK1)

Prepared & Analyzed: 26-Mar-13

Gasoline Range Organics (C6-C10)	ND	5.0	mg/kg
Diesel Range Organics (C10-C28)	ND	5.0	"
GRO and DRO Combined Fractions	ND	5.0	"

Duplicate (1313010-DUP1)

Source: P303090-01

Prepared & Analyzed: 26-Mar-13

Gasoline Range Organics (C6-C10)	ND	5.0	mg/kg	ND	30
Diesel Range Organics (C10-C28)	ND	5.0	"	ND	30

Matrix Spike (1313010-MS1)

Source: P303090-01

Prepared & Analyzed: 26-Mar-13

Gasoline Range Organics (C6-C10)	278	5.3	mg/kg	263	ND	106	75-125
Diesel Range Organics (C10-C28)	268	5.3	"	263	ND	102	75-125

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Agua Moss LLC	Project Name:	Agua Moss Landfarm Cell 1 & 2	Reported:
PO Box 600	Project Number:	07117-0009	27-Mar-13 11:40
Farmington NM, 87499	Project Manager:	Etech	

Total Petroleum Hydrocarbons by 418.1 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1313016 - 418 Freon Extraction										
Blank (1313016-BLK1)				Prepared & Analyzed: 26-Mar-13						
Total Petroleum Hydrocarbons	ND	20.0	mg/kg							
Duplicate (1313016-DUP1)				Source: P303090-01 Prepared & Analyzed: 26-Mar-13						
Total Petroleum Hydrocarbons	41.9	20.0	mg/kg		33.7			21.6	30	
Matrix Spike (1313016-MS1)				Source: P303090-01 Prepared & Analyzed: 26-Mar-13						
Total Petroleum Hydrocarbons	1890	20.0	mg/kg	2000	33.7	93.0	80-120			

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Agua Moss LLC
PO Box 600
Farmington NM, 87499

Project Name: Agua Moss Landfarm Cell 1 & 2
Project Number: 07117-0009
Project Manager: Etech

Reported:
27-Mar-13 11:40

Notes and Definitions

DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference

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Page 10 of 10



GRAPHIC CONTROLS CORPORATION
BUFFALO, NEW YORK

CHART NO. MC MP-5000-31D

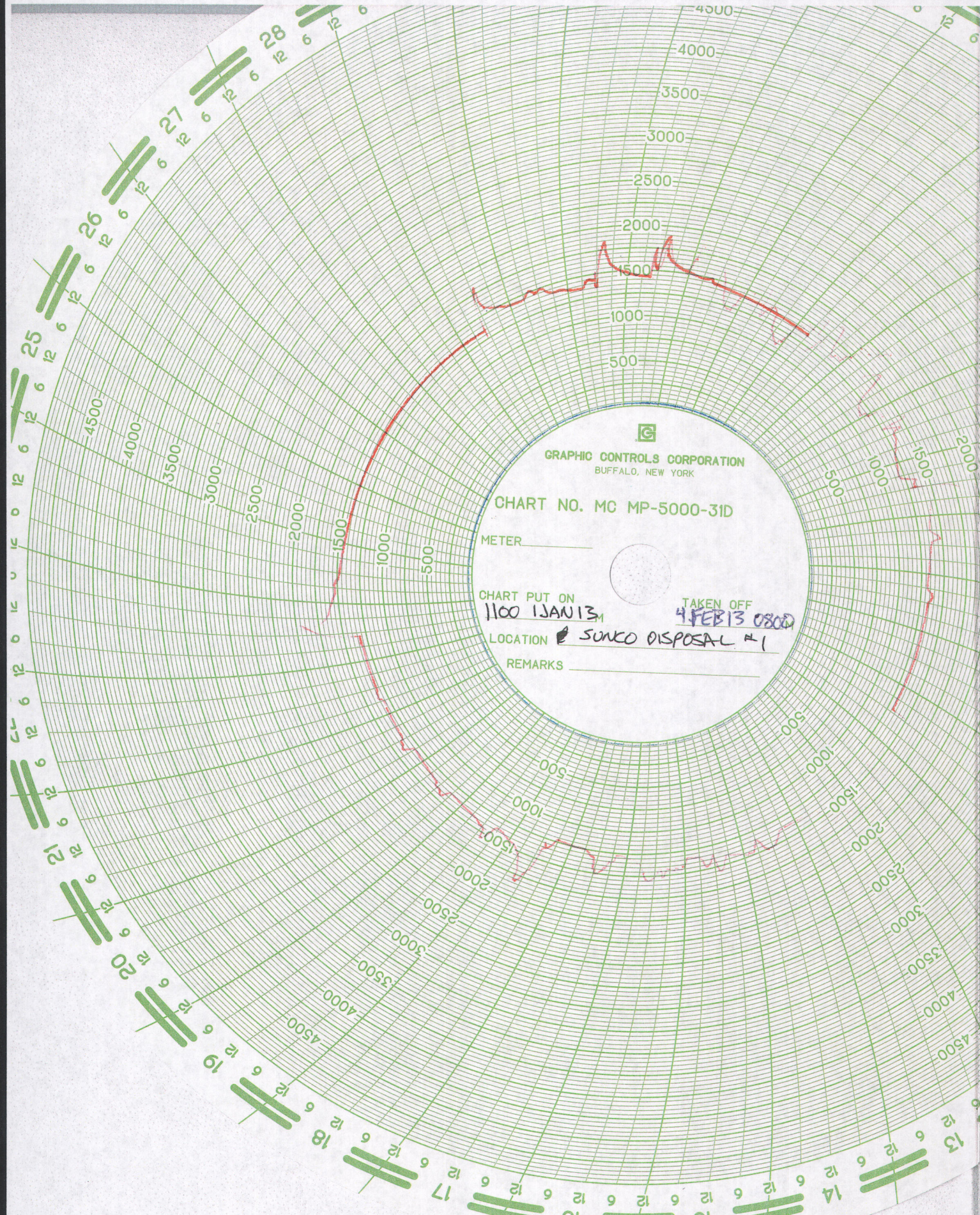
METER _____

CHART PUT ON
1100 1 JAN 13

TAKEN OFF
4 FEB 13 0800

LOCATION ☒ SUNCO DISPOSAL #1

REMARKS _____





GRAPHIC CONTROLS CORPORATION
BUFFALO, NEW YORK

CHART NO. MC MP-5000-31D

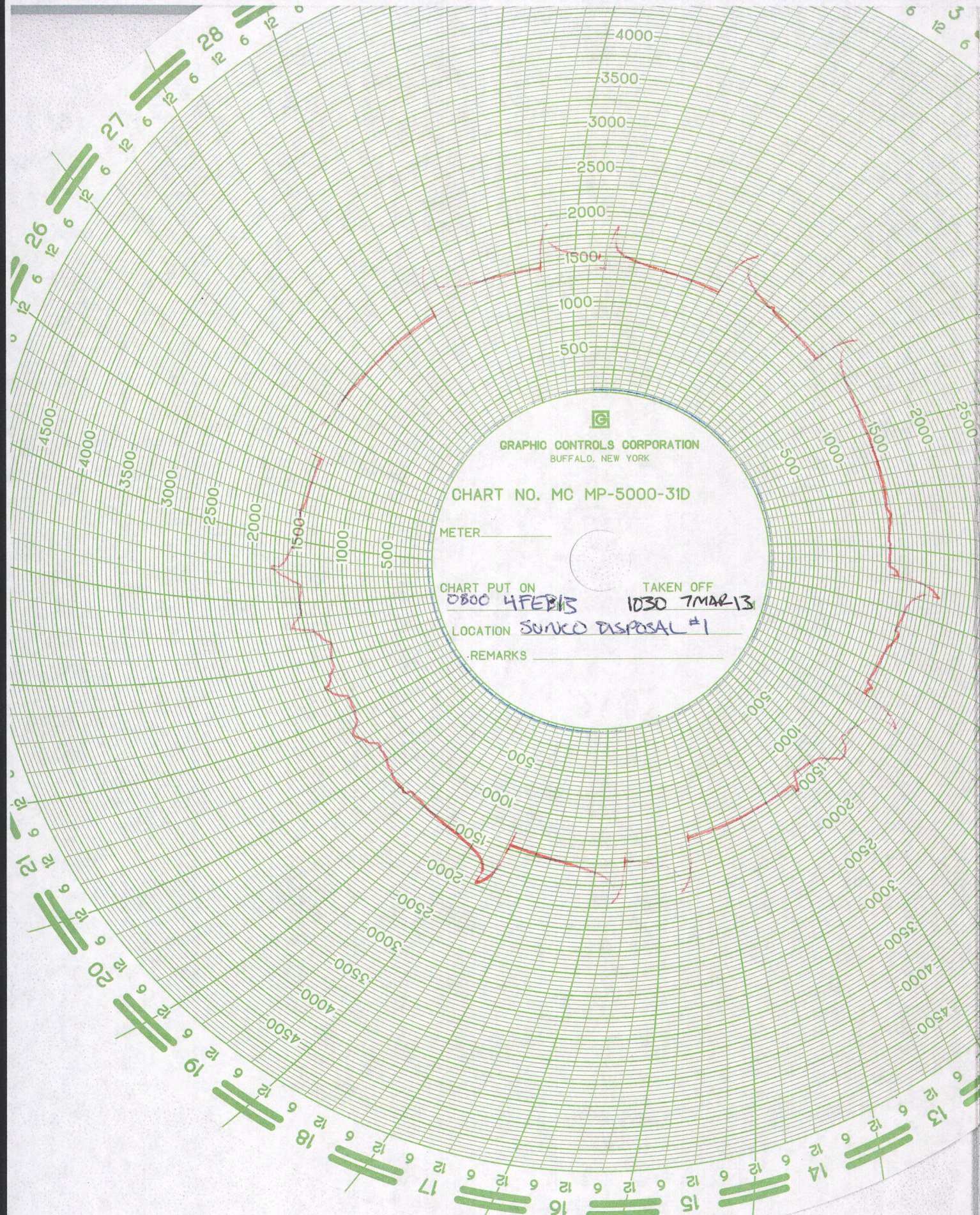
METER _____

CHART PUT ON
0800 4 FEB 13

TAKEN OFF
1030 7 MAR 13

LOCATION SUNCO DISPOSAL #1

REMARKS _____



GRAPHIC CONTROLS CORPORATION
BUFFALO, NEW YORK

CHART NO. MC MP-5000-31D

METER _____

TAKEN OFF _____

CHART PUT ON
1030 7 MAR 13

LOCATION

SUNCO DISPOSAL #1

REMARKS _____

