

NM1 - 39

**MONITORING
REPORTS**

YEAR(S):

2003

RECEIVED

OCT 30 2003

OIL CONSERVATION
DIVISION

October 27, 2003

NMOCD Environmental
ATTN: Martyne Kieling
Box 6429
1220 S. Saint Francis Drive
Santa Fe, NM 87504

RE: Pitchfork Landfarm NM-01-0039
Background Sampling

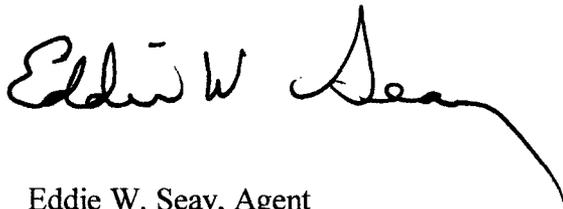
Mrs. Kieling:

Find within the analytical for the background samples for Pitchfork Landfarm.

As we talked earlier, the bond and any additional information will be forthcoming.

If you have any questions, please call.

Sincerely,

A handwritten signature in black ink that reads "Eddie W. Seay". The signature is written in a cursive style with a long, sweeping tail on the "y".

Eddie W. Seay, Agent
601 W. Illinois
Hobbs, NM 88242
(505)392-2236



ARDINAL LABORATORIES

PHONE (325) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
EDDIE SEAY CONSULTING
ATTN: EDDIE SEAY
601 W. ILLINOIS
HOBBS, NM 88242
FAX TO:

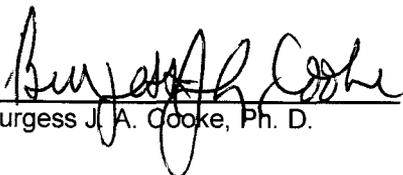
Receiving Date: 10/15/03
Reporting Date: 10/16/03
Project Owner: B. MADERA
Project Name: PITCHFORK LANDFARM
Project Location: WEST JAL

Sampling Date: 10/14/03
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: AH
Analyzed By: BC

LAB NUMBER	SAMPLE ID	TPH (mg/Kg)	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
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ANALYSIS DATE:		10/15/03	10/15/03	10/15/03	10/15/03	10/15/03
H8087-1	MP #1	<10	<0.005	<0.005	<0.005	<0.015
Quality Control		241	0.093	0.093	0.090	0.268
True Value QC		240	0.100	0.100	0.100	0.300
% Recovery		100	93.1	93.3	90.4	89.4
Relative Percent Difference		7.1	5.0	4.0	5.5	3.9

METHODS: TRPHC-EPA 600/4-79-020 418.1; BTEX -EPA SW-846 8260


Burgess J. A. Cooke, Ph. D.

10/16/03
Date

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H8087A.XLS



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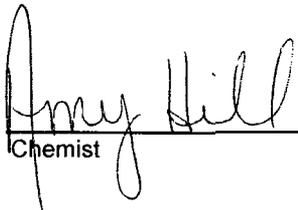
ANALYTICAL RESULTS FOR
EDDIE SEAY CONSULTING
ATTN: EDDIE W. SEAY
601 W. ILLINOIS
HOBBS, NM 88242
FAX TO:

Receiving Date: 10/15/03
Reporting Date: 10/20/03
Project Owner: B. MADERA
Project Name: PITCHFORK LANDFARM
Project Location: W. OF JAL, NM

Sampling Date: 10/14/03
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: AH
Analyzed By: AH

RCRA METALS

LAB NUMBER	SAMPLE ID	As ppm	Ag ppm	Ba ppm	Cd ppm	Cr ppm	Pb ppm	Hg ppm	Se ppm
ANALYSIS DATE:		10/20/03	10/16/03	10/16/03	10/16/03	10/16/03	10/16/03	10/16/03	10/20/03
H8087-1	MP #1	1.50	2.90	<1	1.80	5.40	19.2	<0.2	0.353
Quality Control		0.053	5.063	24.48	1.004	4.770	5.000	0.0104	0.149
True Value QC		0.050	5.000	25.00	1.000	5.000	5.000	0.0100	0.150
% Recovery		106	101	97.9	100	95.4	100	104	99.3
Relative Percent Difference		2.7	1.0	9.9	0.7	2.0	2.6	1.4	6.6
METHODS: EPA 600/4-79-020		206.2	272.1	208.1	213.1	218.1	239.1	245.1	270.2
METHODS: SW-846		7060A	7760A	7080A	7130	7190	7420	7470A	7740



Chemist

10/20/03

Date

H8087m
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ANALYTICAL RESULTS FOR
 EDDIE SEAY CONSULTING
 ATTN: EDDIE W. SEAY
 601 W. ILLINOIS
 HOBBS, NM 88242
 FAX TO:

Receiving Date: 10/15/03
 Reporting Date: 10/17/03
 Project Owner: B. MADERA
 Project Name: PITCHFORK LANDFARM
 Project Location: W. OF JAL, NM

Sampling Date: 10/14/03
 Sample Type: SOIL
 Sample Condition: COOL & INTACT
 Sample Received By: AH
 Analyzed By: AH

LAB NUMBER	SAMPLE ID	Na (mg/Kg)	Ca (mg/Kg)	Mg (mg/Kg)	K (mg/Kg)	Conductivity (mS/cm)	T-Alkalinity (mgCaCO ₃ /Kg)
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ANALYSIS DATE:		10/16/03	10/16/03	10/16/03	10/16/03	10/16/03	10/16/03
H8087-1	MP #1	24	66	22	9.36	528	184
Quality Control		NR	56	59	5.17	1322	NR
True Value QC		NR	50	50	5.00	1413	NR
% Recovery		NR	112	118	103	93.6	NR
Relative Percent Difference		NR	0	0	1	0.7	NR

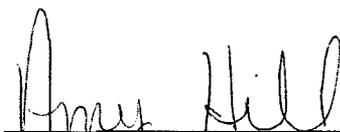
METHODS: SM3500-Ca-D 3500-Mg E 8049 120.1 310.1

Cl ⁻ (mg/Kg)	SO ₄ (mg/Kg)	CO ₃ (mg/Kg)	HCO ₃ (mg/Kg)	pH (s.u.)
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ANALYSIS DATE:		10/16/03	10/16/03	10/16/03	10/16/03	10/16/03
H8087-1	MP #1	80	22	0	224	8.40
Quality Control		1040	53.65	NR	996	6.99
True Value QC		1000	50.00	NR	1000	7.00
% Recovery		104	107	NR	99.6	99.9
Relative Percent Difference		1.0	1.5	NR	0	0

METHODS: SM4500-Cl-B 375.4 310.1 310.1 150.1

Note: Analyses performed on 1:4 w:v aqueous extract.


 Chemist

10/17/03
 Date

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H8087



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ANALYTICAL RESULTS FOR
EDDIE SEAY CONSULTING
ATTN: EDDIE W. SEAY
601 W. ILLINOIS
HOBBS, NM 88242

Receiving Date: 10/15/03
Reporting Date: 10/17/03
Project Owner: B. MADERA
Project Name: PITCHFORK LANDFARM
Project Location: W. OF JAL, NM

FAX TO:

Sampling Date: 10/14/03
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: AH
Analyzed By: AH

TOTAL METALS

LAB NUMBER	SAMPLE ID	Al (ppm)	Co (ppm)	Cu (ppm)	Fe (ppm)
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ANALYSIS DATE:	10/16/03	10/16/03	10/16/03	10/16/03
H8087-1 MP #1	844	5.40	1.95	5450
Quality Control	4.438	5.021	0.977	4.907
True Value QC	5.000	5.000	1.000	5.000
% Recovery	88.8	100	97.7	98.1
Relative Percent Difference	1.2	0.2	0.7	0.4
METHODS: EPA 600/04-79-020	202.1	219.1	220.1	236.1

Mn (ppm)	Mo (ppm)	Ni (ppm)	Zn (ppm)
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ANALYSIS DATE:	10/16/03	10/16/03	10/16/03	10/16/03
H8087-1 MP #1	57.7	<1	2.35	14.7
Quality Control	0.999	1.064	5.157	0.498
True Value QC	1.000	1.000	5.000	0.500
% Recovery	99.9	106	103	99.6
Relative Percent Difference	0.7	2.1	0.4	0.3
METHODS: EPA 600/04-79-020	243.1	246.1	249.1	289.1

Jmy Hill

Chemist

10/17/03

Date

H8087m2
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ARDINAL LABORATORIES, INC.

2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240
(915) 673-7001 Fax (915) 673-7020 (505) 393-2326 Fax (505) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page ___ of ___

BILL TO

ANALYSIS REQUEST

Company Name: Eddie & Sonny Consulting

Project Manager: Eddie & Sonny

Address: 601 W Illinois

City: Abilene State: NM zip: 88242

Phone #: 392.2236 Fax #:

Project #: Pitdfork Project Owner: B. Maderna

Project Name: Pitdfork Landfarm

Project Location: Wagon Tail

Sample Name: Eddie & Sonny

FOR LAB USE ONLY

Lab I.D. Sample I.D.

HS087-1 MP #1

<input checked="" type="checkbox"/>	(G)RABOR (C)OMP.
<input checked="" type="checkbox"/>	# CONTAINERS
	GROUNDWATER
	WASTEWATER
<input checked="" type="checkbox"/>	SOIL
	CRUDE OIL
	SLUDGE
	OTHER:
	ACID/BASE:
<input checked="" type="checkbox"/>	ICE / COOL
	OTHER:
	DATE
	TIME

10/14 9:50

<input checked="" type="checkbox"/>	TPH
<input checked="" type="checkbox"/>	BTEX
<input checked="" type="checkbox"/>	Cations
<input checked="" type="checkbox"/>	Anions
<input checked="" type="checkbox"/>	(wacc) Metals

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Terms and Conditions: Invoiced will be charged on all accounts from from 30 days past due at the rate of 30% per annum from the original date of invoice, and all costs of collection, including attorney's fees.

Sampler Relinquished: [Signature] Date: 10/15 Received By: [Signature]

Relinquished By: [Signature] Date: 11:30 Time: [Signature]

Received By: (Lab Staff) [Signature]

Delivered By: (Circle One) UPS Bus Other

Sample Condition: Yes No

CHECKED BY: (Initials) [Signature]

REMARKS: Back ground Pitdfork