NM1 - 13

## MONITORING REPORTS

YEAR(S): 1999-1993

CHIGERMATION DAVISTOR

December 1, 1999

NMOCD Environmental Bureau ATTN: Martyne J. Kieling 2040 S. Pacheco Santa Fe, NM 87505

RE: EPI Landfarm Quarterly Analysis

Dear Mrs. Kieling:

Find within the quarterly treatment zone monitoring analysis for EPI Landfarm, Eunice, NM. If you have any questions or need additional information, please call.

Sincerely,

Eddie W. Seay, Agent

Eldie Wolsey

601 W. Illinois

Hobbs, NM 88242

(505)392-2236

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## DINAL LABORATORIES, INC.

NM 88340

	(915) 673-7001 Fax (915) 673-7020	915)	673	-70;	8	(50	<u>5) 3</u>	93-1	232	8 F	× ×	(505) 393-2326 Fax (505) 393-2476	93-2	476	•										ŀ		Page	ig ig		윽				1
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† Cardinal cannot accept verbal changes. Please fax written changes to 915-673-7020.

☐ Yes ☐ Yes

CHECKED BY: (Initials)

|Sampler - UPS - Bus - Other:

Delivered By: (Circle One)

Relinguished By:

Time: 7:30 Date: Time:

Received By: (Lab Staff)

Phone Result Yes
Fax Result: Yes
REMARKS:

☐ No Additional Fax #:

tely Treatment Zone



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

Receiving Date: 11/18/99 Reporting Date: 11/19/99 Project Owner: BETTIS

Project Name: EPI LANDFARM Project Location: EUNICE, NM

Sampling Date: 11/17/99 Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: AH

Analyzed By: BC

· ·						
LAB NUMBER SAMPLE ID	GRO $(C_6-C_{10})$ $(mg/Kg)$	DRO (>C <sub>10</sub> -C <sub>28</sub> ) (mg/Kg)	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS DATE:	11/18/99	11/18/99	11/18/99	11/18/99	11/18/99	11/18/99
H4466-1 CELL 1	<50	<50	<0.002	<0.002	<0.002	<0.006
H4466-2 CELL 2	<50	<50	<0.002	<0.002	<0.002	<0.006
H4466-3 CELL 3	<50	<50	<0.002	<0.002	<0.002	<0.006
H4466-4 CELL 4	<50	<50	<0.002	<0.002	<0.002	<0.006
H4466-5 CELL 5	<50	<50	<0.002	<0.002	<0.002	<0.006
Quality Control	1238	1198	0.106	0.105	0.104	0.313
True Value QC	1200	1200	0.100	0.100	0.100	0.300
% Recovery	103	99.8	106	105	104	104
Relative Percent Difference	э 3.6	1.6	5.8	4.4	3.8	4.1

METHODS: TPH(GRO & DRO) - EPA SW-846 8015 M; BTEX/MTBE-EPA SW-846 8260

Burgess J.A. Cooke, Ph. D.

Date

RECEIVED RECEIVED

SEP 0 9 1999

**ENVIRONMENTAL BUREAU** OIL CONSERVATION DIVISION SEP 0 6 1999

**ENVIRONMENTAL BUREAU** OIL CONSERVATION DIVISION

September 5, 1999

NMOCD Environmental Bureau

ATTN: Martyne J. Kieling

2040 S. Pacheco

Santa Fe, NM 87505

RE: EPI Landfarm Quarterly Sampling

Dear Mrs. Kieling:

Find within the quarterly treatment zone monitoring analysis for EPI Landfarm for its various cells. Samples were taken at approximately 2 ft. and sample holes filled with bentonite. If you have any questions or need additional information, please call.

Sincerely,

Eddie W. Seay, Agent

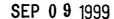
Eddi unden

601 W. Illinois

Hobbs, NM 88242

(505)392-2236







PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 • 101 E. MARLAND IL CONSERVATION DIVISION

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

Receiving Date: 08/24/99 Reporting Date: 08/26/99 Project Owner: BETTIS

Project Name: EPI LANDFARM
Project Location: EUNICE, NM ---

Sampling Date: 08/24/99

Sample Type: SOIL
Sample Condition: COOL & INTACT

Sample Received By: AH

94.5

2.3

96.3

2.9

Analyzed By: BC

**GRO** DRO ETHYL TOTAL LAB NUMBER SAMPLE ID  $(C_{6}-C_{10})$ (>C<sub>10</sub>-C<sub>28</sub>) BENZENE TOLUENE BENZENE **XYLENES** (mg/Kg) (mg/Kg) (mg/Kg) (mg/Kg) (mg/Kg) (mg/Kg) ANALYSIS DATE: 08/25/99 08/25/99 08/24/99 08/24/99 08/24/99 08/24/99 H4298-1 CELL 1 <50 <50 < 0.002 < 0.002 < 0.002 < 0.006 H4298-2 CELL 2 <50 <50 < 0.002 < 0.002 < 0.002 < 0.006 H4298-3 CELL 3 <50 <50 <0.002 <0.002 < 0.002 <0.006 H4298-4 CELL 4 <50 <50 <0.002 < 0.002 < 0.002 <0.006 H4298-5 CELL 5 <50 <50 <0.002 < 0.002 <0.002 <0.006 **Quality Control** 717 780 0.093 0.095 0.095 0.289 True Value QC 800 800 0.100 0.100 0.100 0.300

92.5

3.0

93.3

2.9

METHODS: TPH(GRO & DRO) - EPA SW-846 8015 M; BTEX/MTBE-EPA SW-846 8260

89.5

4.9

Burgess J.A. Cooke. Ph.D.

Date

95.3

2.7

H4298.XLS

% Recovery

Relative Percent Difference

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES, INC.
2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240

Sample LD.  Sample	Sample ID.  Sample	Sample I.D. Orders   Sample III. Orders   Orders   Sample III. Orders   Orders   Sample III. Orders   Orders	(915) 673-7001 Fax (915) 673-7020	(915) 673-7020	뚌	50k	12	326	ax E	202	393	(505) 393-2326 Fax (505) 393-2476	9		33				Ž	2		֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓	128 1521	Б .			
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NMOCD Environmental Bureau ATTN: Martyne J. Kieling 2040 S. Pacheco Santa Fe, NM 87505

RE: EPI Landfarm Quarterly Sampling

Dear Mrs. Kieling:

Please find within the quarterly treatment zone monitoring analysis for EPI Landfarm and its various cells. If you have any questions or need additional information, please call.

Sincerely,

Eddie W. Seay, Agent

601 W. Illinois

Hobbs, NM 88242

(505)392-2236





ANALYTICAL RESULTS FOR ENVIRONMENTAL PLUS, INC. ATTN: EDDIE SEAY 601 W. ILLINOIS HOBBS, NM 88242

FAX TO:

Receiving Date: 05/12/99
Reporting Date: 05/13/99

Project Owner: C. BETTIS

Project Name: EPI LANDFARM Project Location: EUNICE, NM

Sampling Date: 05/11/99 Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: GP

Analyzed By: BC

LAB NO.	SAMPLE ID	TPH (mg/kg)	BENZENE (mg/kg)	TOLUENE (mg/kg)	ETHYL BENZENE (mg/kg)	TOTAL XYLENES (mg/kg)
ANALYSIS I	DATE:	05/12/99	05/12/99	05/12/99	05/12/99	05/12/99
H4147-1	CELL #1	<10	<0.002	<0.002	<0.002	<0.006
H4147-2	CELL #2	<10	<0.002	<0.002	<0.002	<0.006
H4147-3	CELL #3	69.9	0.003	0.012	0.003	<0.006
H4147-4	CELL #4	<10	<0.002	<0.002	<0.002	<0.006
H4147-5	CELL #5	16.0	<0.002	<0.002	<0.002	<0.006
0 -1" 0-1						
Quality Con		2714	0.087	0.097	0.094	0.292
True Value	QC	3000	0.100	0.100	0.100	0.300
% Recovery		90.4	86.9	96.6	94.0	97.3
Relative Per	rcent Difference	8.2	2.6	3.5	3.1	0.3

METHODS: TRPHC - EPA SW-846 8015 M; BTEX - EPA SW-846 8260

Chamie

Data

H4147.XLS

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No [] No		Sample Condition	SAL CO	Received By: (Lab)Staff)		aved By:	pardiage of whether such claim is based upon any of the above stated nessons or otherwise	see made in writing and rece	hader based in contract				V	<u>د</u>	<	V	. <		GROUNDWATER WASTEWATER SOIL CRUDE OIL SLUDGE	MATRIX	L			Both's		24688		_		(505) 393-2326 Fax (505) 393-2476	INC. 101 East Marland, Hobbs, NM 88240
		M CHECKED BY:					ed upon any of the above stated	had by Cardinal willeth 30 days after completion of the applicable	er tort, shall be imbed to the amount paid by the chert for the				< -	<u></u>	C	C	V 0	7	OTHER: ACID/BASE: ICE/COOL OTHER:	PRESERV. SA	1	Phone #:	State: Zip:	City:	Address:	Attn:	Company:	P.O. #:	BILL TO	(505) 393-2476	łobb <b>s, NM</b> 8824
_		.:			REMARKS:	Fax Result:	resears of otherwise.	or completion of the applicable	aid by the chart for the			•	١ ١٥ ١٠	2:40 X	ال ( ( د د د د د د د د د د د د د د د د د	1.50 1	7 77 7	_	DATE TIME RTFX	SAMPLING									30	7 (	0//4
		/	atel			□Yes □No								) )	<u> </u>	. <		/	TPH	_	(80	16	)							//	17/
		_		•		Add'l Fax #:	1	30 days peak due at the rate and all coats at collections, in	Terms and Condition																		·		ANALYSIS KI	1	
		P	} ,					the rate of 26% per errum from the stiginal data of hy- ctions, including attempts fees.	erns and Conditions: Interest will be sharped on all acceura, more than														-						REQUEST	- aga	
								De ariginal data of inveloa,	Designation surrectors (								+	,											1		

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OIL CONSERVATION DIVISION 2040 South Pacheco Street Santa Fe, New Mexico 87505 (505) 827-7131

May 25, 1999

## CERTIFIED MAIL RETURN RECEIPT NO. P-326-936-538

Mr. Eddie W. Seay EPI Landfarm 601 W. Illinois Hobbs, New Mexico 88240

RE: Approval for additional lifts

Environmental Plus Inc. Permit NM-01-0013 SW/4 NW/4 of Section 14, and the SE/4 NE/4 of Section 15, Township 22 South, Range 37 East, NMPM Lea County, New Mexico

Dear Mr Seay:

The New Mexico Oil Conservation Division (OCD) has received EPI's request and analytical results dated May, 17 1999 for authorization to apply another lift to Cell-5. Based on the information provided Cell-5 is hereby approved for the addition of a successive lift.

Note that with the addition of successive lifts EPI must continue maintenance and treatment zone monitoring. If EPI wants to move the soils from the facility separate OCD authorization must be granted.

Please be advised that the OCD approval does not relieve EPI of liability should their operation result in pollution of the ground water, surface water or the environment. In addition, OCD approval does not relieve EPI of the responsibility for compliance with other federal, state and/or local regulations.

If you have any questions please do not hesitate to contact me at (505) 827-7153.

Sincerely,

Martyne & Thely
Martyne J. Kieling

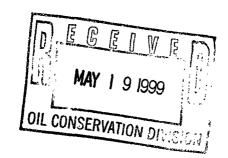
**Environmental Geologist** 

xc: OCD Hobbs Office



MAY 2 0 1999

Environmental Bureau Oil Conservation Division



May 17, 1999

NMOCD Environmental Bureau ATTN: Martyne J. Kieling 2040 S. Pacheco Santa Fe, NM 87505

RE: EPI Cell #5

Dear Mrs. Keiling:

Find within composite sample from cell #5 at EPI Landfarm, Eunice, NM. Since the BTEX and TPH are below permit requirements, we would like to add an additional lift to this cell. Your response to this request will be appreciated.

If you have any questions or need additional information, please call.

Sincerely,

Eddie W. Seay, Agent

601 W. Illinois

Hobbs, NM 88242

(505)392-2236

w.j. ozer



**ANALYTICAL RESULTS FOR** ENVIRONMENTAL PLUS, INC.

ATTN: EDDIE SEAY 601 W. ILLINOIS **HOBBS, NM 88242** 

FAX TO:

Receiving Date: 05/12/99

Reporting Date: 05/13/99

Project Owner: C. BETTIS

Project Name: EPI LANDFARM

Project Location: EUNICE, NM

Sampling Date: 05/11/99

Sample Type: SOIL

Sample Condition: COOL-& INTACT-

Sample Received By: GP

Analyzed By: BC

					ETHYL	TOTAL
LAB NO.	SAMPLE ID	TPH	BENZENE	TOLUENE	BENZENE	XYLENES
		(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)

ANALYSIS DATE:	05/12/99	05/12/99	05/12/99	05/12/99	05/12/99
H4148-1 CELL #5	40.3	<0.002	0.006	0.002	<0.006
Quality Control	2714	0.087	0.097	0.094	0.292
True Value QC	3000	0.100	0.100	0.100	0.300
% Recovery	90.4	86.9	96.6	94.0	97.3
Relative Percent Difference	8.2	2.6	3.5	3.1	0.3

METHODS: TRPHC - EPA SW-846 8015 M; BTEX - EPA SW-846 8260

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

	Page	ANALYSIS REQUEST															Ternia and Conditiones; Interest will be charged on all accounts more than	30 days part das at the rais of 25% par arrans from the original data of hostes, and all costs of colordisms, including altomory's free.	☐ No Add'I Phone #:	
1000									\$	102	8	81E X H9T	7.0					***	□ Yes	□ Yes
3	tobbs, NM 88240	(202) 232-2416 (203) 232-2416	P.O. #:	Company:	Attn:	Address:	City:	State: Zip:	Phone #:	Fax #:	PRESERV. SAMPLING	жетиек : Acid/BASE: ICE / COOL PATER : TAME	<i>?</i>				based in contract of tott, stat be brished to the amount paid by the clear for the	ed by Cardinal willish 30 days after completion of the age see, or tose of profits incurred by client, its exbeldiades.	dupon any of the move stated research of the Result.	Fax Result: REMARKS:
	_	(915) 673-7001 Fax (915) 673-7020 (905) 3	FILL S. S. S.		State: N.W. Zip: S8242	2.2.5.1. Fax#:	Project Owner: C. Battlis	PI Cana France	X 2			Sample D CONTAINERS OR (C. CONTAINERS GROUNDWATER WASTEWATER SOIL	5 1				N EASE BITTE: JUNEAR AND DEPARTMENT CANDAINS AND CHARGE REMARKS FOR MY CHARGE WITHIN WHICH beard in confined or both	where, All dates including those for negligations and any other cause whitboower shall be decemed waked anders much in writing and received by Cardinal willish 30 days after completion of the expedicable inhose. In no event shall Cardinal be listed for included or consequential demanges, including without limitation, business their updoes, hose of profits incurred by clear, list autoidations,	These or eccessors aring out of or related to the performance of services between the performance of services in performance of services of regions and performance of services of the more series and the performance of services of which the performance of services of the more series and the performance of services of the performance of the perfo	5/2 Time:
	₹X	Company Name:	Project Manager:	Address: (20.1	Cfty: 61 2 2 2	Phone #: 2.		Project Name:	1 5	Sampler Name:	FOR LAB USE ONLY	Lab I.D.	1-31/17#				FASE LATTE: LABOR BY	mayeer, Al dains including serios, in no event shall Can	Sampler Relings	7117

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476.

Composite L. Cle # 5

CHECKED BY: (Initials)

Sample Condition
Cool Intact

KIVes MYes

No No

Delivered By: (Circle One) Sampler - UPS - Bus - Other:

Received By: (Lab)Staff)

Time: 12:20 Date: (2/99 05/12/99 Tumb: 3.3

OIL CONSERVATION DIVISION 2040 South Pacheco Street Santa Fe, New Mexico 87505 (505) 827-7131

April 9, 1999

## CERTIFIED MAIL RETURN RECEIPT NO. P-326-936-528

Mr. Eddie W. Seay EPI Landfarm 601 W. Illinois Hobbs, New Mexico 88240

RE: Approval for additional lifts

**Environmental Plus Inc. Permit NM-01-0013** 

SW/4 NW/4 of Section 14, and the SE/4 NE/4 of Section 15,

Township 22 South, Range 37 East, NMPM

Lea County, New Mexico

Dear Mr Seay:

The New Mexico Oil Conservation Division (OCD) has received EPI's request and analytical results dated April, 4 1999 for authorization to apply another lift to Cell-1. Based on the information provided Cell-1 is hereby approved for the addition of a successive lift.

Note that with the addition of successive lifts EPI must continue maintenance and treatment zone monitoring. If EPI wants to move the soils from the facility separate OCD authorization must be granted.

Please be advised that the OCD approval does not relieve EPI of liability should their operation result in pollution of the ground water, surface water or the environment. In addition, OCD approval does not relieve EPI of the responsibility for compliance with other federal, state and/or local regulations.

If you have any questions please do not hesitate to contact me at (505) 827-7153.

Sincerely,

Martyne J. Kieling

**Environmental Geologist** 

xc: OCD Hobbs Office

APR - 8 1999

April 4, 1999

NMOCD Environmental Bureau ATTN: Martyne J. Kieling 2040 S. Pacheco Santa Fe, NM 87505

RE: EPI Cell #1

Dear Mrs. Kieling:

Find within composite sample from cell #1 at EPI Landfarm. Since the BTEX and TPH are below permit requirements, we would like to add an additional lift to this cell. Your response to this request would be appreciated.

If you have any questions or need additional information, please call. Looking forward to hearing from you.

Sincerely,

Eddie W. Seay, Agent

601 W. Illinois

Hobbs, NM 88242

(505)392-2236



PHONE (915) 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: 03/30/99 Reporting Date: 04/01/99

Project Owner: C. BETTIS
Project Name: EPI LANDFARM

Project Location: EUNICE, NM

Sampling Date: 03/30/99

Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: BC

Analyzed By: BC

LAB NO.	SAMPLE ID	TPH (mg/kg)	BENZENE (mg/kg)	TOLUENE (mg/kg)	ETHYL BENZENE (mg/kg)	TOTAL XYLENES (mg/kg)
ANALYSIS DA	TE:	03/31/99	03/31/99	03/31/99	03/31/99	03/31/99
H4088-1	CELL #1	78.7	<0.002	0.011	<0.002	<0.006
	······································					
Quality Contro	)  ·	2643	0.089	0.107	0.091	0.277
True Value Q0	>	3000	0.100	0.100	0.100	0.300
% Recovery		88.1	88.7	107	91.0	92.4
Relative Perce	ent Difference	7.8	2.0	7.0	8.0	5.5

METHODS: TRPHC - EPA SW-846 8015 M; BTEX - EPA SW-846 8260

Dot

H4088.XLS

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

A.A.	ARDINAL LABORATORIES, INC.	, INC.	00000			
7.	(915) 673-7001 Fax (915) 673-7020	(505) 393-2326 Fax (505) 393-2476	505) 393-2476			
Company Name:	Edin Sean Cor	k, I	11 ST 11 S		ANALYSIS REQUEST	-
Project Manager:	END Son		P.O. #:			
Address: /DD !	w Tilipinas		Company:			
City: Lilling	State: N M	ZID: 88242 W	Attn:			
١ ١	2236 Fax#:	2	Address:			
Project #:		Bettis	City:			
Project Name:	PT Landform		State: Zip:	) ( s		
Project Location:	D Em	2	Phone #:	50		
pler Name:	Edd.	71	1			
FOR LAB USE ONLY		MATRIX	PRESERV. SAMPLING	X		
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Lab I.D.	Sample I.D.	AB OR (CONTAINER DUNDWATESTEWATE LOUDE OIL DER :	D/BASE: / COOL HER :	BT TP x		
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edition. In no event ones care editions or exposesors orbity	related to the performance of services	ther such claim is been	above stated resears	5	2	
´ _ ^ 젊	Data 3 Time			□ Yes	□ No Add1 Fax #:	
Relinquished By:	Date:	Received By: (Lab Staff)	Ch	CH CH	k	
Delivered By: (Circle One)	(Circle One)	Sarriple Condition Cool Intact	CHECKED BY:			
sampler) UPS - Bus - Other:	Bus - Other:	₹2\				



PEAK CONSULTING SERVICES



601 W. ILLINOIS HOBBS, NEW MEXICO 88240 (505) 392-2236 FAX (505) 392-6949

ENVIRONMENTAL,
GEOLOGICAL & REGULATORY
SPECIALISTS

February 19, 1999

FEB 2 2 1999

NMOCD Environmental Bureau ATTN: Martyne J. Kieling

2040 S. Pacheco St. Santa Fe, NM 87505

RE: EPI Landfarm Quarterly Sampling

Dear Mrs. Kieling:

Please find within the quarterly treatment zone analysis for EPI Landfarm, Eunice, NM. Samples were taken at the different cells at a depth of approximately 24 inches. All holes were backfilled with bentonite. Samples were analyzed for BTEX and TPH.

If you have any questions or need additional information, please call.

Sincerely,

Eddie W. Seay, Agent

m) 33.21





ANALYTICAL RESULTS FOR EDDIE SEAY CONSULTING

ATTN: EDDIE SEAY 601 W. ILLINOIS HOBBS, NM 88240

FAX TO:

Receiving Date: 02/12/99

Reporting Date: 02/15/99

Project Owner: C. BETTIS (EPI)
Project Name: EPI LANDFARM

Project Location: EUNICE, NM

Sampling Date: 02/12/99

Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: BC

Analyzed By: BC

LAB NO.	SAMPLE ID	TPH (mg/kg)	BENZENE (mg/kg)	TOLUENE (mg/kg)	ETHYL BENZENE (mg/kg)	TOTAL XYLENES (mg/kg)
ANALYSIS	DATE:	02/13/99	02/12/99	02/12/99	02/12/99	02/12/99
H4024-1	CELL #1	71.3*	<0.002	<0.002	<0.002	<0.006
H4024-2	CELL #2	52.2*	<0.002	<0.002	<0.002	<0.006
H4024-3	CELL #3	27.2*	<0.002	<0.002	<0.002	<0.006
H4024-4	CELL #4	36.0*	<0.002	<0.002	<0.002	<0.006
H4024-5	CELL #5	45.7*	<0.002	<0.002	<0.002	<0.006
Quality Cor	ntrol	2667	0.093	0.098	0.095	0.290
True Value		3000	0.100	0.100	0.100	0.300
% Recover	y	88.9	93.0	97.9	94.8	95.0
Relative Pe	ercent Difference	1.7	7.1	0.8	6.3	4.1

METHODS: TRPHC - EPA 600/7-79-020, 418.1; BTEX - EPA SW846-8020, 8260

\*Alkane range: C16-C20

Chemist

Date

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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A ARDINAL LABORATORIES, INC.

88240	9
Σ Z	505) 393-247
101 East Marland, Hobbs,	(505) 393-2326 Fax (505) 393-2476
	73-7020 (505)
d, Abilene, TX	(915) 673-7001 Fax (915) 673-7020
2111 Beechwood, Abilene, TX 79603	(915) 673-700

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эпра	Project Manager:	Address: (00)	City: Welland	Phone #:	Fax #:	Project #:	ojeci	Project Location:	S.	J	10.									
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30 days past due at the rate of 24% per annum from the original date of involce, and all costs of collections, including attomay's fees. services. At delines including those for negligence and any other causes whatecover shall be deemed valved unless made in writing and received by Cardinal within 30 days after completion of the applicable services. In no event shall cardinal be lable for inclidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by default, inspirates and whether such claim is based upon any of the above stated reasons or otherwise.

Sampler Relinquished:

Received By:

Received By:

Remarks: Treatment 3 and CHECKED BY:

☐ No Additional Fax #: ☐ No

† Cardinal cannot accept verbal changes. Please fax written changes to 915-673-7020.

Sampler - bPS - Bus - Other: Delivered By: (Circle One)

(Initials)

Sample Condition
Cool Intact
My Yes My Yes

Received By: (Lab Staff)

Time: 3.13 () Date:

Time:

## EDDIE SEAY CONSULTING

PEAK CONSULTING SERVICES

601 W. ILLINOIS HOBBS, NEW MEXICO 88240 (505) 392-2236 FAX (505) 392-6949

ENVIRONMENTAL,
GEOLOGICAL & REGULATORY
SPECIALISTS



December 8, 1998

DEC 1 1 1998

OIL CONSERVANCE CALLED

NMOCD Environmental Bureau ATTN: Martyne J. Kieling 2040 S. Pacheco St. Santa Fe. NM 87505

RE: EPI Landfarm Quarterly Sampling

Dear Mrs. Kieling:

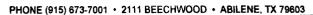
Within are the quarterly treatment zone analysis for EPI Landfarm, Eunice, NM. Samples were taken at the different cells at a depth of approximately 24 in. All holes were backfilled with bentonite. Samples were analyzed for BTEX, TPH and TCLP metals.

If you have any questions or need additional information, please call.

Sincerely,

Eddie W. Seav. Agent

Eddin w Dean





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

Receiving Date: 11/23/98 Reporting Date: 12/03/98 Project Owner: BETTIS

Project Name: E.P.I. LANDFARM Project Location: EUNICE, NM

Sampling Date: 11/22/98 Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: AH

Analyzed By: AH

## TCLP METALS

LAB NO.	SAMPLE ID	As	Ag	Ba	Cd	Cr	Pb	Hg	Se
		ppm							
ANALYSIS	DATE:	12/01/98	11/30/98	11/30/98	11/30/98	11/30/98	11/30/98	12/01/98	12/02/98
EPA LIMITS	S:	5	5	100	1	5	5	0.2	1
H3941-1	CELL 1	<1	<2	<5	<1	<1	<1	<0.02	<0.1
H3941-2	CELL 2	<1	<3	<5	<1	<1	<1	<0.02	<0.1
H3941-3	CELL 3	<1	<3	<5	<1	<1	<1	<0.02	<0.1
H3941-4	CELL 4	<1	<2	<5	<1	<1	<1	<0.02	<0.1
H3941-5	CELL 5	<1	<2	<5	<1	<1	<1	<0.02	<0.1
Quality Cor	ntrol	0.193	2.072	16.03	0.495	0.960	4.958	0.0100	0.058
True Value	QC	0.200	2.000	20.00	0.500	1.000	5.000	0.0100	0.050
% Recovery	y	97	104	80	99.6	96	99	100	116
Relative Sta	andard Deviation	2.87	4.86	1.41	3.72	1.54	3.30	1.4	0.88
METHODS	: EPA 1311, 600/4-91	206.2	272.1	208.1	213.1	218.1	239.1	245.1	270.2





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

FAX TO:

Receiving Date: 11/23/98

Reporting Date: 11/30/98

Project Owner: BETTIS

Project Name: E.P.I. LANDFARM

Project Location: EUNICE, NM

Sampling Date: 11/22/98

Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: AH

Analyzed By: BC

LAB NO. SAMPLE II	O TPH (mg/kg)	BENZENE (mg/kg)	TOLUENE (mg/kg)	ETHYL BENZENE (mg/kg)	TOTAL XYLENES (mg/kg)
ANALYSIS DATE:	11/24/98	11/23/98	11/23/98	11/23/98	11/23/98
H3941-1 CELL 1	<10	<0.002	<0.002	<0.002	<0.006
H3941-2 CELL 2	<10	<0.002	<0.002	<0.002	<0.006
H3941-3 CELL 3	<10	<0.002	<0.002	<0.002	<0.006
H3941-4 CELL 4	<10	<0.002	<0.002	<0.002	<0.006
H3941-5 CELL 5	<10	<0.002	0.003	<0.002	<0.006
Quality Control	2628	0.101	0.105	0.105	0.312
True Value QC	3000	0.100	0.100	0.100	0.300
% Recovery	87.6	101	105	105	104
Relative Percent Differen	ce 13.5	5.9	3.2	11.1	9.6

METHODS: TRPHC - EPA SW-846 8015M; BTEX - EPA SW846- 8260

zero faloohi

Charles

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ANALYSIS REQUEST		y Name: Edd, at Son Const. The
13941-\$ Pageof	AL LABORATORIES, INC. 11 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240 (915) 673-7001 Fax (915) 673-7020 (505) 393-2326 Fax (505) 393-2476	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		<i>1</i>

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## THE REPRODUCTION OF

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**FOLLOWING** 

**DOCUMENT (S)** 

**CANNOT BE IMPROVED** 

**DUE TO** 

THE CONDITION OF

THE ORIGINAL

OIL CONSERVATION DIVISION 2040 South Pacheco Street Santa Fe; New Mexico \$7505 (505) 827-713†

October 6, 1998

## <u>CERTIFIED MAIL</u> <u>RETURN RECEIPT NO. P-326-936-467</u>

Mr. Eddie W. Seay
EPI Landfarm
601 W. Illinois
Hobbs, New Mexico 88240

RE: Approval for additional lifts, EPI Landfarm

Environmental Plus Inc. ~

SW/4 NW/4 of Section 14, and the SE/4 NE/4 of Section 15,

Township 22 South, Range 37 East, NMPM

Lea County, New Mexico

Dear Mr. Seay:

The New Mexico Oil Conservation Division (OCD) has received EPI's request and analytical results dated Augustus 28, 1998 for authorization to apply another lift to Cell-3. Based on the information provided Cell-3 is hereby approved for the addition of a successive lift.

Note that with the addition of successive lifts EPI must continue maintenance and treatment zone monitoring. If EPI wants to move the soils from the facility separate OCD authorization must be granted:

Please be advised that the OCD approval does not relieve EPI of liability should their operation result in pollution of the ground water, surface water or the environment. In addition, OCD approval does not relieve EPI of the responsibility for compliance with other federal, state and/or local regulations.

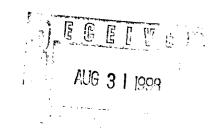
If you have any questions please do not hesitate to contact me at (505) 827-7153.

Sincerely.

Martyne J. Kieling

Environmental Geologista

xc: OCD Hobbs Office



NMOCD Environmental Bureau ATTN: Martyne J. Kieling 2040 S. Pacheco St. Santa Fe, NM 87505

RE: EPI quarterly sampling

Dear Mrs. Kieling:

Find within quarterly treatment zone analysis for EPI Landfarm. Samples were taken from each cell at a depth of approximately 24 in. All holes were filled with bentonite. The samples were analyzed for TPH and BTEX as required.

Also, composite sampling was done on cell3, the results are within. Since the BTEX and TPH levels are below permit requirement, we would like to add another lift to this area.

If you have any questions or need additional information, please call. Looking forward to hearing from you on adding a lift to cell 3.

Sincerely,

Call a mane verbal Approval

Eddie W. Seay, Agent 601 W. Illinois Hobbs, NM 88242

(505)392-2236

huly is





ANALYTICAL RESULTS FOR EDDIE SEAY CONSULTING ATTN: EDDIE SEAY 601 W. ILLINOIS HOBBS, NM 88240

Receiving Date: 08/21/98

Reporting Date: 08/24/98

Project Number: NOT GIVEN

Project Name: EPI LANDFARM

Project Location: EUNICE, NM

Sampling Date: 08/21/98

Sample Type: SOIL

Sample Condition: COOL AND INTACT

Sample Received By: AH

Analyzed By: BC

LAB NO.	SAMPLE ID	TPH (mg/kg)	BENZENE (mg/kg)	TOLUENE (mg/kg)	ETHYL BENZENE (mg/kg)	TOTAL XYLENES (mg/kg)
ANALYSIS DA	ATE:	08/21/98	08/21/98	08/21/98	08/21/98	08/21/98
H3805-1	CELL 1	170*	<0.002	<0.002	0.002	0.007
H3805-2	CELL 2	<10	0.002	0.012	0.007	0.024
H3805-3	CELL 3	<10	<0.002	0.004	0.002	0.007
H3805-4	CELL 4	<10	<0.002	0.007	0.004	0.015
H3805-5	CELL 5	<10	<0.002	<0.002	<0.002	<0.006
Quality Contro	ol	2982	0.106	0.104	0.098	0.297
True Value Q	С	3000	0.100	0.100	0.100	0.300
% Recovery		99.4	106	104	97.7	99.0
Relative Perc	ent Difference	6.3	2.4	3.4	1.9	2.4

METHODS: TRPHC - EPA SW-846 8015 M BTEX - EPA SW846-8020, 8260 \*Alkane Range: C14-C28

Burgess J.A. Cooke,

Chemist

D-10

AAA 21	ARDINAL LABORATORIES, INC. 2111 Beechwood, Abilene, TX 79603 101 E	₩ <b>3</b> 7	₫⋜	ш;,	<u>st</u>	<u>¥</u>	重	ğ	픙	ğ	, <b>9</b>	Z Z	- &	INC. 101 East Marland, Hobbs, NM 88240	· !	17	20	カンタント	٠, ر						•		
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Sample Condition
Cool Intact
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No No

CHECKED BY: (Initials)

Treatment Zone Samples

Add'l Phone #: Add'l Fax #:

Terms and Conditions: lettreet will be charged on all acceuts more than 30 days past due at the rate of 24% per amum from the original data of invoice and all costs of collections, including attempt's free.

Sampler - UPS - Bus - Other:

Delivered By: (Circle One)

Relinquished By

PLACE NOTE: Usbally and Dumages. Conducts includy and closes and early and closes to easily and departs exclusive remarks for any close cause whatsoower shall be deemed well-sed in contract or too, shall be for included to the applicable service. In no every shall conduct be table for included or consequented classings, including without inflation, believes transported by Cardinal within 30 days after completion of the applicable service. In no every shall conduct to the performance of services shallowed by Cardinal within 40 days after completion of the applicable completion of the applicable incurred by class incur

Received By: (Lab Staff)

Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476.





ANALYTICAL RESULTS FOR **EDDIE SEAY CONSULTING** ATTN: EDDIE SEAY 601 W. ILLINOIS **HOBBS, NM 88240** 

Receiving Date: 08/21/98

Reporting Date: 08/24/98

Project Number: EPI

Project Name: EPI LANDFARM

Project Location: EUNICE, NM

Sampling Date: 08/21/98

Sample Type: SOIL

Sample Condition: COOL AND INTACT

Sample Received By: AH

Analyzed By: BC

LAB NO. SAMPLE ID

**TPH** 

BENZENE TOLUENE

ETHYL BENZENE

TOTAL **XYLENES** 

(mg/kg)

(mg/kg) (mg/kg) (mg/kg) (mg/kg)

ANALYSIS DATE: 08/21/98 08/21/98 08/21/98 08/21/98 08/21/98 H3806-1 CELL#3 <10 < 0.002 <0.002 < 0.002 <0.006 **COMPOSITE OF** LIFT **Quality Control** 2982 0.106 0.104 0.098 0.297 True Value QC 3000 0.100 0.100 0.100 0.300 % Recovery 99.4 106 104 97.7 99.0 Relative Percent Difference 2.4 6.3 3.4 1.9 2.4

METHODS: TRPHC - EPA SW-846 8015 M BTEX - EPA SW846-8020, 8260

H3806-1.XLS

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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INC.	TX 79603 101 East Marland,
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DINAL LABORATORIES, INC.	od, Abilene,
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Company Name: EQUAL Section 1995	5) 673-7020 (505) 393-2326 Fax (505) 393-2476	(505) 393-2476 BILL TO		ANALYSIS REQUEST	REQUEST
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2-2236 Fax#	£	Address:			
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Project Name: [2] EPT LO	andfarm	State: Zip:	ا گر		
Project Location: Function		Phone #:	۵8		
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FOR LAB USE ONLY	MATRIX	PRESERV. SAMPLING			-
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Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Sample Condition Coot Infact	on CHECKED BY: (Initials)	Ð	1	
	No No				

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476.

## **BECEIVED**

JUN 0 8 1998

June 6, 1998

Environmental bureau
Oil Conservation Division

EMNRD - OCD Environmental Bureau ATTN: Martyne J. Kieling 2040 S. Pacheco St. Santa Fe, NM 87505

RE: EPI Landfarm Quarterly Sampling

Mrs. Kieling:

Find within analysis for the quarterly treatment zone sampling at EPI landfarm. The samples were taken at 2 ft. depths, holes were backfilled with bentonite. Samples were tested for TPH and BTEX as required.

If you have any question or need additional information, please call.

Sincerely,

Eddie W. Seay, Agent





ANALYTICAL RESULTS FOR EDDIE SEAY CONSULTING ATTN: EDDIE SEAY 601 W. ILLINOIS HOBBS, NM 88240 FAX TO:

Receiving Date: 05/29/98

Reporting Date: 06/01/98

Project Owner:BETTIS

Project Name: EPI LANDFARM

Project Location: EUNICE, NM

Sampling Date: 05/29/98

Sample Type: SOIL

Sample Condition: COOL, INTACT

Sample Received By: GP

Analyzed By: BC

LAB NUMBER SAMPLE ID	TPH (mg/Kg)	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS DATE:	05/29/98	05/29/98	05/29/98	05/29/98	05/29/98
H3665-1 CELL 1	<10	<0.002	<0.002	<0.002	<0.006
H3665-2 CELL 2	15.7	<0.002	<0.002	<0.002	<0.006
H3665-3 CELL 3	<10	<0.002	<0.002	<0.002	<0.006
H3665-4 CELL 4	<10	<0.002	<0.002	<0.002	<0.006
H3665-5 CELL 5	<10	<0.002	<0.002	<0.002	<0.006
				·	
Quality Control	2862	0.102	0.102	0.101	0.306
True Value QC	3000	0.100	0.100	0.100	0.300
% Recovery	95.4	102	102	101	102
Relative Percent Difference	3.5_	2.1	7.4	9.2	4.9

METHODS: TRPHC - EPA SW-846 8015M; BTEX - EPA SW-846-8020

Burgess J A. Cooke, Ph. D.

Date

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Delivered By: (Circle One)  Sample Condition CHECKED BY:  Cool Intact (Initials)  Sampler - UPS - Bus - Other:   OSI29/96 Received By: (Lab Staff)		Date:	service. In no event shall Cardnal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incursed by clert, its subsidaries affiliates or successors ansing out of or related to the performance of services hereunder by Cardinal, regardess of whether such claim is based upon any of the above stated reasons or otherwise.	PLEASE NOTE: Liability and Damages. Cardnai's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negigence and any other cause whatsoever shall be deemed walved unless made in writing and received by Cardnai within 30 days after completion of the applicable				0/3 0/1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			G)RAB OR (C) # CONTAINER GROUNDWAT WASTEWATER SLUDGE OTHER: ACID: ICE / BOOD OTHER: TIME	OMP. S ER R	MATRIX	roject Location: Cunital Many Fax #:	Project Name: EPI Landfarm Phone #:	Project #: EPI Project Owner: Bollis State: Zip:	Fax #: City:	2236	Hobbs StateNM Zip: SX242 Attn:	Address: Wal Company: Company:	Sean (		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	
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EDDIE SEAY
CONSULTING

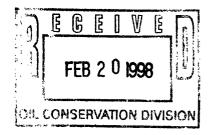
PEAK CONSULTING SERVICES



601 W. ILLINOIS HOBBS, NEW MEXICO 88240 (505) 392-2236 FAX (505) 392-6949

ENVIRONMENTAL,
GEOLOGICAL & REGULATORY
SPECIALISTS

February 17, 1998



NMNRD - OCD Environmental Bureau 2040 S. Pacheco Street Santa Fe, NM 87505 ATTN: Martyne J. Kieling

RE: EPI Quarterly Testing

Dear Ms. Kieling:

Find within EPI treatment zone quarterly sampling of it's cells. Samples were taken at a 2 ft. depth and tested for BTEX and TPH. Holes were filled with hole plug. If you have any questions or need additional information, please call.

Sincerely,

Eddi W

Eddie W. Seay, Agent

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARD	ARDINAL LABORATORIES, INC. 2111 Beechwood, Abilene, TX 79603	ene, J	Ν̈́×	ES, <i>INC</i> TX 79603	•	1 Eas	st 7	/ar	and,	Hobi	os, N	101 East Marland, Hobbs, NM 88240	6								1						
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FOR LAB USE ONLY					MATRIX	×		무	PRES.	SA	SAMPLING	S		_	-												
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PLEASE NOTE: Liability and Dan analyses. All claims including thos service. In no event shall Cardina	PLEASE NOTE: Liability and Damages. Cardina's lability and client's exclusive remedy for any claim artising whether based in contract or ton, shall be inteed to the annuar pell by the clean to me analyses. All claims including those for negligence and any other cause whatsoever shall be deemed walved unless made in writing and received by Cardinal within 30 days after completion of the agreement. In no event shall Cardinal be table for incidental or correspondings, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries.	e remedy i xever shall ages, inclu	for an	ny claim ant semed waiv vithout limit	ed unless ation, bus	made in	writin	g and r	or tont, si aceived as of use	by Cardina by Cardina b, or loss o	of to the	30 days after incurred by c	completic	n of the a	pplicable s,			30 days	past due	at the rate Sections,	of 24% including	Terms are voluntions; interest with the charged on an excess indeed and 30 days past due at the rate of 24% per annum from the original date of involce and all costs of collections, including attorney's fees.	from the	original	date of in	wolce,	
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Sampler - UPS - B	Bus - Other:				<b>~</b> €	S 68		I	l																		

<sup>†</sup> Cardinal cannot accept verbal changes. Please fax written changes to 915-673-7020.



ANALYTICAL RESULTS FOR EDDIE SEAY CONSULTING ATTN: EDDIE W. SEAY 601 W. ILLINOIS

HOBBS, NM 88240

FAX TO:

Receiving Date: 02/05/98 Reporting Date: 02/11/98

Project Owner: BETTIS

Project Name: EPI LANDFARM, INC.

Project Location: EUNICE, NM

Sample ID: CELL 4 Lab Number: H3446-4 Analysis Date: 02/10/98 Sampling Date: 02/05/98

Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: AH

Analyzed By: BC

EPA 8015M - (mg/Kg)	Sample Result	Method			True Value
, ,	H3446-4	Blank	QC	%IA	QC
C-8 n-Octane	<1.0	<1.0	95.0	95	100
C-9 n-Nonane	. <1.0	<1.0	95.3	95	100
C-10 n-Decane	<1.0	<1.0	95.2	95	100
C-11 n-Undecane	<1.0	<1.0	94.5	95	100
C-12 n-Dodecane	<1.0	<1.0	89.3	89	100
C-13 n-Tridecane	<1.0	<1.0	84.2	84	100
C-14 n-Tetradecane	<1.0	<1.0	82.5	83	100
C-15 n-Pentadecane	<1.0	<1.0	82.2	82	100
C-16 n-Hexadecane	<1.0	<1.0	86.4	86	100
C-17 n-Heptadecane	<1.0	<1.0	85.1	85	100
C-18 n-Octadecane	<1.0	<1.0	88.4	88	100
C-19 n-Nonadecane	<1.0	<1.0	94.0	94	100
C-20 n-Eicosane	<1.0	<1.0	95.0	95	100
C-21 n-Heneicosane	<1.0	<1.0	93.0	93	100
C-22 n-Docosane	<1.0	<1.0	91.6	92	100
C-23 n-Tricosane	<1.0	<1.0	100	100	100
C-24 n-Tetracosane	<1.0	<1.0	109	109	100
C-25 n-Pentacosane	<1.0	<1.0	106	106	100
C-26 n-Hexacosane	<1.0	<1.0	101	101	100
C-27 n-Heptacosane	<1.0	<1.0	98.6	99	100
C-28 n-Octacosane	<1.0	<1.0	95.7	96	100
Total n-Alkanes	<1.0	<1.0	1966	94	2100
Diesel Range Organics	<20.0	<20.0		<del>,</del>	

METHOD: EPA SW 846-8015 M (gc/ms)

Chemist Chemist Cash



ANALYTICAL RESULTS FOR **EDDIE SEAY CONSULTING** ATTN: EDDIE W. SEAY 601 W. ILLINOIS

HOBBS, NM 88240

FAX TO:

Receiving Date: 02/05/98

Reporting Date: 02/11/98 **Project Owner: BETTIS** 

Project Name: EPI LANDFARM, INC. Project Location: EUNICE, NM

Sample ID: CELL 3 Lab Number: H3446-3 Analysis Date: 02/10/98 Sampling Date: 02/05/98

Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: AH

Analyzed By: BC

EPA 8015M - (mg/Kg)	Sample Result	Method			True Value
	H3446-3	Blank	QC	%lA	QC
C-8 n-Octane	<1.0	<1.0	95.0	95	100
C-9 n-Nonane	<1.0	<1.0	95.3	95	100
C-10 n-Decane	<1.0	<1.0	95.2	95	100
C-11 n-Undecane	<1.0	<1.0	94.5	95	100
C-12 n-Dodecane	<1.0	<1.0	89.3	89	100
C-13 n-Tridecane	<1.0	<1.0	84.2	84	100
C-14 n-Tetradecane	<1.0	<1.0	82.5	83	100
C-15 n-Pentadecane	<1.0	<1.0	82.2	82	100
C-16 n-Hexadecane	<1.0	<1.0	86.4	86	100
C-17 n-Heptadecane	<1.0	<1.0	85.1	85	100
C-18 n-Octadecane	<1.0	<1.0	88.4	88	100
C-19 n-Nonadecane	<1.0	<1.0	94.0	94	100
C-20 n-Eicosane	<1.0	<1.0	95.0	95	100
C-21 n-Heneicosane	<1.0	<1.0	93.0	93	100
C-22 n-Docosane	<1.0	<1.0	91.6	92	100
C-23 n-Tricosane	<1.0	<1.0	100	100	100
C-24 n-Tetracosane	<1.0	<1.0	109	109	100
C-25 n-Pentacosane	<1.0	<1.0	106	106	100
C-26 n-Hexacosane	<1.0	<1.0	101	101	100
C-27 n-Heptacosane	<1.0	<1.0	98.6	99	100
C-28 n-Octacosane	<1.0	<1.0	95.7	96	100
Total n-Alkanes	<1.0	<1.0	1966	94	2100
Diesel Range Organics	<20.0	<20.0			

METHOD: EPA SW 846-8015 M (gc/ms)



ANALYTICAL RESULTS FOR EDDIE SEAY CONSULTING ATTN: EDDIE W. SEAY 601 W. ILLINOIS

Receiving Date: 02/05/98 Reporting Date: 02/11/98 HOBBS, NM 88240 FAX TO:

Project Owner: BETTIS

Project Name: EPI LANDFARM, INC.

Project Location: EUNICE, NM

Sample ID: CELL 2 Lab Number: H3446-2 Analysis Date: 02/10/98 Sampling Date: 02/05/98

Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: AH

Analyzed By: BC

EPA 8015M - (mg/Kg)	Sample Result	Method			True Value
, J	H3446-2	Blank	QC	%IA	QC
	٥				
C-8 n-Octane	<1.0	<1.0	95.0	95	100
C-9 n-Nonane	<1.0	<1.0	95.3	95	100
C-10 n-Decane	<1.0	<1.0	95.2	95	100
C-11 n-Undecane	<1.0	<1.0	94.5	95	100
C-12 n-Dodecane	<1.0	<1.0	89.3	89	100
C-13 n-Tridecane	<1.0	<1.0	84.2	84	100
C-14 n-Tetradecane	<1.0	<1.0	82.5	83	100
C-15 n-Pentadecane	<1.0	<1.0	82.2	82	100
C-16 n-Hexadecane	<1.0	<1.0	86.4	86	100
C-17 n-Heptadecane	<1.0	<1.0	85.1	85	100
C-18 n-Octadecane	<1.0	<1.0	88.4	88	100
C-19 n-Nonadecane	<1.0	<1.0	94.0	94	100
C-20 n-Eicosane	<1.0	<1.0	95.0	95	100
C-21 n-Heneicosane	<1.0	<1.0	93.0	93	100
C-22 n-Docosane	<1.0	<1.0	91.6	92	100
C-23 n-Tricosane	<1.0	<1.0	100	100	100
C-24 n-Tetracosane	<1.0	<1.0	109	109	100
C-25 n-Pentacosane	<1.0	<1.0	106	106	100
C-26 n-Hexacosane	<1.0	<1.0	101	101	100
C-27 n-Heptacosane	<1.0	<1.0	98.6	99	100
C-28 n-Octacosane	<1.0	<1.0	95.7	96	100
Total n-Alkanes	<1.0	<1.0	1966	94	2100
Diesel Range Organics	21.8	<20.0			

METHOD: EPA SW 846-8015 M (gc/ms)

Chemist Chemist Cooks



ANALYTICAL RESULTS FOR EDDIE SEAY CONSULTING ATTN: EDDIE SEAY 601 W. ILLINOIS HOBBS, NM 88240

FAX TO:

Receiving Date: 02/05/98
Reporting Date: 02/05/98
Project Company RETTIS

Project Owner: BETTIS

Project Name: EPI LANDFARM, INC.

Project Location: EUNICE, NM

Sampling Date: 02/05/98

Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: AH

Analyzed By: BC

LAB NUMBER SAMPLE II	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS DATE	02/05/98	02/05/98	02/05/98	02/05/98
H3446-1 CELL 1	<0.020	<0.020	<0.020	<0.060
H3446-2 CELL 2	<0.020	<0.020	<0.020	<0.060
H3446-3 CELL 3	<0.020	<0.020	<0.020	<0.060
H3446-4 CELL 4	<0.020	<0.020	<0.020	<0.060
Quality Control	0.102	0.104	0.102	0.306
				0.300
True Value QC	0.100	0.100	0.100	
% Accuracy	102	104	102	102
Relative Percent Difference	2.7	2.2	1.4	0.9

METHOD: EPA SW 846-8020, 5030, Gas Chromatography

Chemist Chemist



ANALYTICAL RESULTS FOR EDDIE SEAY CONSULTING ATTN: EDDIE W. SEAY 601 W. ILLINOIS

Receiving Date: 02/05/98 Reporting Date: 02/11/98 HOBBS, NM 88240 FAX TO:

Project Owner: BETTIS

Project Name: EPI LANDFARM, INC.

Project Location: EUNICE, NM

Sample ID: CELL 1 Lab Number: H3446-1 Analysis Date: 02/10/98 Sampling Date: 02/05/98 Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: AH

Analyzed By: BC

EPA 8015M - (mg/Kg)	Sample Result	Method			True Value
	H3446-1	Blank	QC	%IA	QC
C-8 n-Octane	<1.0	<1.0	95.0	95	100
C-9 n-Nonane	<1.0	<1.0	95.3	95	100
C-10 n-Decane	<1.0	<1.0	95.2	95	100
C-11 n-Undecane	<1.0	<1.0	94.5	95	100
C-12 n-Dodecane	<1.0	<1.0	89.3	89	100
C-13 n-Tridecane	<1.0	<1.0	84.2	84	100
C-14 n-Tetradecane	<1.0	<1.0	82.5	83	100
C-15 n-Pentadecane	<1.0	<1.0	82.2	82	100
C-16 n-Hexadecane	<1.0	<1.0	86.4	86	100
C-17 n-Heptadecane	<1.0	<1.0	85.1	85	100
C-18 n-Octadecane	<1.0	<1.0	88.4	88	100
C-19 n-Nonadecane	<1.0	<1.0	94.0	94	100
C-20 n-Eicosane	<1.0	<1.0	95.0	95	100
C-21 n-Heneicosane	<1.0	<1.0	93.0	93	100
C-22 n-Docosane	<1.0	<1.0	91.6	92	100
C-23 n-Tricosane	<1.0	<1.0	100	100	100
C-24 n-Tetracosane	<1.0	<1.0	109	109	100
C-25 n-Pentacosane	<1.0	<1.0	106	106	100
C-26 n-Hexacosane	<1.0	<1.0	101	101	100
C-27 n-Heptacosane	<1.0	<1.0	98.6	99	100
C-28 n-Octacosane	<1.0	<1.0	95.7	96	100
Total n-Alkanes	<1.0	<1.0	1966	94	2100
Diesel Range Organics	36.9	<20.0			

METHOD: EPA SW 846-8015 M (gc/ms)

Chemist Cooke

Date

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. If the deem shall be deather for incidental or consequential damages, including, without limitation, business interruptions, loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.

OIL CONSERVATION DIVISION 2040 South Pacheco Street Santa Fe, New Mexico 87505 (505) 827-7131

December 18, 1997

# CERTIFIED MAIL RETURN RECEIPT NO. P-326-936-376

Mr. Eddie W. Seay EPI Landfarm 601 W. Illinois Hobbs, New Mexico 88240

RE: Approval for additional lifts, EPI Landfarm

Environmental Plus Inc.

SW/4 NW/4 of Section 14, and the SE/4 NE/4 of Section 15,

Township 22 South, Range 37 East, NMPM

Lea County, New Mexico

Dear Mr Seay:

The New Mexico Oil Conservation Division (OCD) has received EPI's request and analytical results dated December, 15 1997 for authorization to apply another lift to Cell-2. Based on the information provided Cell-2 is hereby approved for the addition of a successive lift.

Note that with the addition of successive lifts EPI must continue maintenance and treatment zone monitoring. If EPI wants to move the soils from the facility separate OCD authorization must be granted.

Please be advised that the OCD approval does not relieve EPI of liability should their operation result in pollution of the ground water, surface water or the environment. In addition, OCD approval does not relieve EPI of the responsibility for compliance with other federal, state and/or local regulations.

If you have any questions please do not hesitate to contact me at (505) 827-7153.

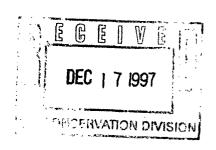
Sincerely,

Martyne J. Kieling

Environmental Geologist

xc: OCD Hobbs Office

December 15, 1997



EMNRD, OCD Environmental Bureau 2040 S. Pacheco St. Santa Fe, NM 87505

ATTENTION: Martyne J. Kieling

SUBJECT: EPI Landfarm - Quarterly Sampling

Ms. Kieling:

Find within quarterly sampling and testing for the treatment zone at EPI landfarm. Samples were taken at a depth of 22 to 24 inches and analyzed for TPH, BTEX and Metals. The holes were backfilled with hole plug bentonite.

Also, composite samples were taken from cell 1 and cell 2. Since cell 2 is below the 100 part TPH, it is our desire to add an additional lift to this area. Please let us know at your earliest convenience as to your decision.

If you have any questions or need additional information, please call.

Sincerely,

Eddie W. Seay, Agent

601 W. Illinois Hobbs, NM 88240

Eldin W.

(505)392-2236



ANALYTICAL RESULTS FOR EDDIE SEAY CONSULTING ATTN: EDDIE SEAY 601 W. ILLINOIS

HOBBS, NM 88240

Receiving Date: 11/20/97

Reporting Date: 12/01/97

Project Number: EPI LANDFARM QUALITY SAMPLE

Project Name: EPI

Project Location: EUNICE, NM

Sample ID: CELL 1 TZ Lab Number: H3324-1

Analysis Date: 11/24/97 Sampling Date: 11/20/97

Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: AH

Analyzed By: BC

EPA 8015M - (mg/Kg)	Sample Result	Method			True Value
	H3324-1	Blank	QC	%IA	QC
		•			
C-8 n-Octane	<1.0	<1.0	95.1	95	100
C-9 n-Nonane	<1.0	<1.0	93.4	93	100
C-10 n-Decane	<1.0	<1.0	93.1	93	100
C-11 n-Undecane	<1.0	<1.0	92.2	92	100
C-12 n-Dodecane	<1.0	<1.0	91.0	91	100
C-13 n-Tridecane	<1.0	<1.0	86.8	87	100
C-14 n-Tetradecane	<1.0	<1.0	83.8	84	100
C-15 n-Pentadecane	<1.0	<1.0	88.7	89	100
C-16 n-Hexadecane	<1.0	<1.0	94.7	95	100
C-17 n-Heptadecane	<1.0	<1.0	94.0	94	100
C-18 n-Octadecane	<1.0	<1.0	95.6	96	100
C-19 n-Nonadecane	<1.0	<1.0	103	103	100
C-20 n-Eicosane	<1.0	<1.0	100	100	100
C-21 n-Heneicosane	<1.0	<1.0	102	102	100
C-22 n-Docosane	<1.0	<1.0	106	106	100
C-23 n-Tricosane	<1.0	<1.0	102	102	100
C-24 n-Tetracosane	<1.0	<1.0	114	114	100
C-25 n-Pentacosane	<1.0	<1.0	105	105	100
C-26 n-Hexacosane	<1.0	<1.0	111	111	100
C-27 n-Heptacosane	<1.0	<1.0	.111	111	100
C-28 n-Octacosane	<1.0	<1.0	105	105	100
Total n-Alkanes	<1.0	<1.0	2068	98	2100
Diesel Range Organics	197	<10			

METHOD: EPA SW 846-8015 M (gc/ms)

Suy as La Cash



ANALYTICAL RESULTS FOR EDDIE SEAY CONSULTING ATTN: EDDIE SEAY 601 W. ILLINOIS

HOBBS, NM 88240

Receiving Date: 11/20/97

Reporting Date: 12/01/97

Project Number: EPI LANDFARM QUALITY SAMPLE

Project Name: EPI

Project Location: EUNICE, NM

Sample ID: CELL 2 TZ Lab Number: H3324-2 Analysis Date: 11/24/97

Sampling Date: 11/20/97 Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: AH

Analyzed By: BC

EPA 8015M - (mg/Kg)	Sample Result	Method			True Value
	H3324-2	Blank	QC	%IA	QC
•					
C-8 n-Octane	<1.0	<1.0	95.1	95	100
C-9 n-Nonane	<1.0	<1.0	93.4	93	100
C-10 n-Decane	<1.0	<1.0	93.1	93	100
C-11 n-Undecane	<1.0	<1.0	92.2	92	100
C-12 n-Dodecane	<1.0	<1.0	91.0	91	100
C-13 n-Tridecane	<1.0	<1.0	86.8	87	100
C-14 n-Tetradecane	<1.0	<1.0	83.8	84	100
C-15 n-Pentadecane	<1.0	<1.0	88.7	89	100
C-16 n-Hexadecane	<1.0	<1.0	94.7	95	100
C-17 n-Heptadecane	<1.0	<1.0	94.0	94	100
C-18 n-Octadecane	<1.0	<1.0	95.6	96	100
C-19 n-Nonadecane	<1.0	<1.0	103	103	100
C-20 n-Eicosane	<1.0	<1.0	100	100	100
C-21 n-Heneicosane	<1.0	<1.0	102	102	100
C-22 n-Docosane	<1.0	<1.0	106	106	100
C-23 n-Tricosane	<1.0	<1.0	102	102	100
C-24 n-Tetracosane	<1.0	<1.0	114	114	100
C-25 n-Pentacosane	<1.0	<1.0	105	105	100
C-26 n-Hexacosane	<1.0	<1.0	111	111	100
C-27 n-Heptacosane	<1.0	<1.0	111	111	100
C-28 n-Octacosane	<1.0	<1.0	105	105	100
Total n-Alkanes	<1.0	<1.0	2068	98	2100
Diesel Range Organics	81	<10		-10-	

METHOD: EPA SW 846-8015 M (gc/ms)

Surfest file Cost

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ANALYTICAL RESULTS FOR EDDIE SEAY CONSULTING ATTN: EDDIE SEAY 601 W. ILLINOIS

Receiving Date: 11/20/97 Reporting Date: 12/01/97 HOBBS, NM 88240

Project Number: EPI LANDFARM QUALITY SAMPLE

Project Name: EPI

Project Location: EUNICE, NM Sample ID: CELL 3 TZ

Lab Number: H3324-3

Analysis Date: 11/24/97

Sampling Date: 11/20/97 Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: AH

Analyzed By: BC

EPA 8015M - (mg/Kg)	Sample Result	Method			True Value
	H3324-3	Blank	QC	%IA	QC
C-8 n-Octane	<1.0	<1.0	95.1	95	100
C-9 n-Nonane	<1.0	<1.0	93.4	93	100
C-10 n-Decane	<1.0	<1.0	93.1	93	100
C-11 n-Undecane	<1.0	<1.0	92.2	92	100
C-12 n-Dodecane	<1.0	<1.0	91.0	91	100
C-13 n-Tridecane	<1.0	<1.0	86.8	87	100
C-14 n-Tetradecane	<1.0	<1.0	83.8	84	100
C-15 n-Pentadecane	<1.0	<1.0	88.7	89	100
C-16 n-Hexadecane	<1.0	<1.0	94.7	95	100
C-17 n-Heptadecane	<1.0	<1.0	94.0	94	100
C-18 n-Octadecane	<1.0	<1.0	95.6	96	100
C-19 n-Nonadecane	<1.0	<1.0	103	103	100
C-20 n-Eicosane	<1.0	<1.0	100	100	100
C-21 n-Heneicosane	<1.0	<1.0	102	102	100
C-22 n-Docosane	<1.0	<1.0	106	106	100
C-23 n-Tricosane	<1.0	<1.0	102	102	100
C-24 n-Tetracosane	<1.0	<1.0	114	114	100
C-25 n-Pentacosane	<1.0	<1.0	105	105	100
C-26 n-Hexacosane	<1.0	<1.0	111	111	100
C-27 n-Heptacosane	<1.0	<1.0	111	111	100
C-28 n-Octacosane	<1.0	<1.0	105	105	100
Total n-Alkanes	<1.0	<1.0	2068	98	2100
Diesel Range Organics	43	<10			

METHOD: EPA SW 846-8015 M (gc/ms)

Surgest A. Cath

<u>J*~∕\_l*</u> Date



ANALYTICAL RESULTS FOR **EDDIE SEAY CONSULTING** ATTN: EDDIE SEAY 601 W. ILLINOIS

HOBBS, NM 88240

Receiving Date: 11/20/97

Reporting Date: 12/01/97

Project Number: EPI LANDFARM QUALITY SAMPLE

Project Name: EPI

Project Location: EUNICE, NM Sample ID: CELL 1 COMPOSITE

Lab Number: H3324-4

Analysis Date: 11/24/97 Sampling Date: 11/20/97

Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: AH

Analyzed By: BC

EPA 8015M - (mg/Kg)	Sample Result	Method			True Value
	H3324-4	Blank	QC	%IA	QC
C-8 n-Octane	<1.0	<1.0	95.1	95	100
C-9 n-Nonane	1.2	<1.0	93.4	93	100
C-10 n-Decane	1.7	<1.0	93.1	93	100
C-11 n-Undecane	8.7	<1.0	92.2	92	100
C-12 n-Dodecane	12.9	<1.0	91.0	91	100
C-13 n-Tridecane	20.3	<1.0	86.8	87	100
C-14 n-Tetradecane	27.3	<1.0	83.8	. 84	100
C-15 n-Pentadecane	25.5	<1.0	88:7	89	100
C-16 n-Hexadecane	32.0	<1.0	94.7	95	100
C-17 n-Heptadecane	29.7	<1.0	94.0	94	100
C-18 n-Octadecane	22.8	<1.0	95.6	96	100
C-19 n-Nonadecane	28.4	<1.0	103	103	100
C-20 n-Eicosane	20.7	<1.0	100	100	100
C-21 n-Heneicosane	13.8	<1.0	102	102	100
C-22 n-Docosane	19.9	<1.0	106	106	100
C-23 n-Tricosane	16.6	<1.0	102	102	100
C-24 n-Tetracosane	13.6	<1.0	114	114	100
C-25 n-Pentacosane	14.2	<1.0	105	105	100
C-26 n-Hexacosane	13.0	<1.0	111	111	100
C-27 n-Heptacosane	6.9	<1.0	111	111	100
C-28 n-Octacosane	6.3	<1.0	105	105	100
Total n-Alkanes	336	<1.0	2068	98	2100
Diesel Range Organics	1403	<10			

METHOD: EPA SW 846-8015 M (gc/ms)



ANALYTICAL RESULTS FOR EDDIE SEAY CONSULTING ATTN: EDDIE SEAY 601 W. ILLINOIS

Receiving Date: 11/20/97

HOBBS, NM 88240

Reporting Date: 12/01/97

Project Number: EPI LANDFARM QUALITY SAMPLE

Project Name: EPI

Project Location: EUNICE, NM Sample ID: CELL 2 COMPOSITE

Lab Number: H3324-5

Analysis Date: 11/24/97 Sampling Date: 11/20/97

Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: AH

Analyzed By: BC

EPA 8015M - (mg/Kg)	Sample Result	Method			True Value
	H3324-5	Blank	QC	%lA	QC
<u></u>			,		
C-8 n-Octane	<1.0	<1.0	95.1	95	100
C-9 n-Nonane	<1.0	<1.0	93.4	93	100
C-10 n-Decane	<1.0	<1.0	93.1	93	100
C-11 n-Undecane	<1.0	<1.0	92.2	92	100
C-12 n-Dodecane	. <1.0	<1.0	91.0	91	100
C-13 n-Tridecane	<1.0	<1.0	86.8	87	100
C-14 n-Tetradecane	<1.0	<1.0	83.8	84	100
C-15 n-Pentadecane	<1.0	<1.0	88.7	89	100
C-16 n-Hexadecane	<1.0	<1.0	94.7	95	100
C-17 n-Heptadecane	<1.0	<1.0	94.0	94	100
C-18 n-Octadecane	<1.0	<1.0	95.6	96	100
C-19 n-Nonadecane	<1.0	<1.0	103	103	100
C-20 n-Eicosane	<1.0	<1.0	100	100	100
C-21 n-Heneicosane	<1.0	<1.0	102	102	100
C-22 n-Docosane	<1.0	<1.0	106	106	100
C-23 n-Tricosane	<1.0	<1.0	102	102	100
C-24 n-Tetracosane	<1.0	<1.0	114	114	100
C-25 n-Pentacosane	<1.0	<1.0	105	105	100
C-26 n-Hexacosane	. <1.0	<1.0	111	111	100
C-27 n-Heptacosane	<1.0	<1.0	111	111	100
C-28 n-Octacosane	<1.0	<1.0	105	105	100
Total n-Alkanes	<1.0	<1.0	2068	98	2100
	,				
Diesel Range Organics	47	<10			

METHOD: EPA SW 846-8015 M (gc/ms)

Chemist Jh Carle

Date Date





ANALYTICAL RESULTS FOR EDDIE SEAY CONSULTING ATTN: EDDIE SEAY 601 W. ILLINOIS HOBBS, NM 88240 FAX TO:

Receiving Date: 11/20/97

Reporting Date: 11/26/97

Project Number: EPI LANDFARM, QUARTERLY SAMPLES

Project Name: EPI

Project Location: EUNICE, NM

Sampling Date: 11/20/97

Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: AH

Analyzed By: GP

# TCLP METALS

LAB NO.	SAMPLE ID	As	Ag	. Ba	Cd	Cr	Pb	Hg	Se
		ppm							
ANALYSIS	DATE:	11/21/97	11/24/97	11/21/97	11/24/97	11/24/97	11/24/97	11/26/97	11/21/97
EPA LIMIT	S:	5	5	100	1	5	5	0.2	1
H3324-1	Cell 1 TZ	<1.0	<1.0	<5.0	<0.1	<1.0	<1.0	<0.02	<0.1
H3324-2	Cell 2 TZ	<1.0	<1.0	<5.0	<0.1	<1.0	<1.0	<0.02	<0.1
H3324-3	Cell 3 TZ	<1.0	<1.0	<5.0	<0.1	<1.0	<1.0	<0.02	<0.1
Quality Co	ntrol	0.201	1.05	9.3	1.953	2.46	4.91	0.0104	0.090
True Value	QC	0.200	1.00	10.0	2.000	2.50	5.00	0.0100	0.100
% Recover	ry	101	105	93	98	98	98	104	90
	tandard Deviation	12.2	0.3	5.3	0.2	0.5	0.8	1.6	2.9
METHODS	S: EPA 1311, 600/4-9	206.2	272.1	208.1	213.1	218.1	239.1	245.1	270.2

Gayle A. Potter, Chemist

11/26/97 Date



ANALYTICAL RESULTS FOR EDDIE SEAY CONSULTING ATTN: EDDIE SEAY 601 W. ILLINOIS HOBBS, NM 88240

FAX TO:

Receiving Date: 11/20/97

Reporting Date: 11/21/97

Project Number: EPI LANDFARM, QUARTERLY SAMPLES

Project Name: EPI

Project Location: EUNICE, NM

Sampling Date: 11/20/97

Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: AH

Analyzed By: GP

LAB NO.	SAMPLE ID	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS I	DATE	11/20/97	11/20/97	11/20/97	11/20/97
H3324-1	Cell 1 TZ Cell 2 TZ Cell 3 TZ Cell 1 Composite Cell 2 Composite	<0.002	<0.002	<0.002	<0.006
H3324-2		<0.002	<0.002	<0.002	<0.006
H3324-3		<0.002	<0.002	<0.002	<0.006
H3324-4		<0.002	<0.002	<0.002	3.353
H3324-5		<0.002	<0.002	<0.002	8.719
Quality Con	QC	100.3	96.9	101.9	306.2
True Value		100	100	100	300
% Recovery		100.3	96.9	101.9	102.2
Relative Per		3.7	4.1	5.2	3.3

METHOD: EPA SW 846-8021B, 5030, 5021 Gas Chromatography

ay & Brote

Chemist

ج, PLEASE NOTE: Liability and Damages. Cardin All clams. Including those for regispence and any service. In no event shall Cardinal be sable for or affecties or successions arising out of or related to in Reinquished By: Sampler Relinguished Phone #: 392. Project Manager: Company Name: Project Location: Project Name: Project #: Fax #: Address: 60: H3324-UPS - Fed Ex - Bus - Other: Delivered By: (Circle One) LAB LD. # **ARDINAL** LABORATORIES Ì Ida 2234 Cell B and town Sample LD. W William hope State: \IM Zip: Composition 7 PHONE 915) 673-7001 . 2111 BEECHWOOD . - BILENE "X "9603 PHONE :505) 393-2325 . 101 E. MARLAND . HC98S, NM 38240 Dualle t for any claim anaing, whether based in contract or bot, shall be whited to the amount paid by clein for analyses, to serve creates a mong and received by Cerdinal entering (30) days since convenient of the application depth of the contract of the application depth of the contract of Cossel ٦ 0 A 2 38 COMP(C) OR GRAB(G) # CONTAINERS DAMAD Received By: (Lab Staff Received By: GROUNDWATER WASTEWATER MATRIX SOIL Phone #: Fax #: State: City: Address: Attn: Company: OIL BILL TO N CS SLUDGE 4332 OTHER: ACID: PRESERVATION CHECKED BY: (Initials) ICE / COOL PO # Zþ OTHER: 1/20 : : DATE ` ς SAMPLING 0.10 55.8 8.20 8:40 Se:8 TIME BTEX

Phone Result □ Yes □ No Additional Fax #: Fax Results: □ Yes □ No REMARKS:

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ANALYSIS REQUEST

2

August 8, 1997

NMOCD Environmental Bureau 2040 S. Pacheco St. Santa Fe, NM 87505

RE: EPI Landfarm Treatment Zone Testing

Martyne J. Kieling:

Contained within are additional testings as requested. Samples were taken at a depth of three ft. and analyzed for BTEX, TPH and TCLP Metals. Holes were filled with bentonite. As we discussed, this sampling will also count for the quarterly sample here in August. If you have any questions or need additional information, please call.

Sincerely,

Eddie W. Seay, Agent 601 W. Illinois Hobbs, NM 88242

3 enclosures



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

ANALYTICAL RESULTS FOR **EDDIE SEAY CONSULTING** ATTN: EDDIE SEAY ADDRESS: 601 W, ILLINOIS **HOBBS, NM 88240** FAX TO:

Receiving Date: 07/14/97

Reporting Date: 07/16/97

Project Number: EPI LANDFARM, INC.

Project Name: CELL SAMPLING, TREATMENT ZONE Project Location: EUNICE, NM

Sampling Date: 07/14/97

Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: GP

Analyzed By: BC/GP

					ETHYL	TOTAL
LAB NO.	SAMPLE ID	TPH	BENZENE	TOLUENE	BENZENE	XYLENES
		(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)

ANALYSIS DATE:	07/16/97	07/14/97	07/14/97	07/14/97	07/14/97
H3053-1	<10	<0.002	<0.002	<0.002	<0.006
H3053-2	63	<0.002	<0,002	<0.002	<0.006
H3053-3	<10	<0.002	<0.002	<0.002	<0.006
, , , , , , , , , , , , , , , , , , ,					
and the state of t					
			<u> </u>		

Quality Control	198.8 -	- 246	242 :		236
True Value QC	200.0	271	269	262	259
% Recovery	99.4	90.9	90.0	88.2	91.1
Relative Percent Difference	0.1	9.6	10.5	12.6	9.4

METHODS: TRPHC - EPA 600/7-79-020, 418.1; BTEX - EPA SW846-8020, 8260

Chemist





ANALYTICAL RESULTS FOR EDDIE SEAY CONSULTING ATTN: EDDIE SEAY 601 W. ILLINOIS HOBBS, NM 88240 FAX TO:

Receiving Date: 07/14/97 Reporting Date: 07/23/97

Project Number: EPI LANDFARM INC.

Project Name: CELL SAMPLING-TREATMENT ZONE

Project Location: EUNICE, NM

Sampling Date: 07/14/97 Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: GP

Analyzed By: GP

### TCLP METALS

LAB NO. SAMPLE ID	As ppm	Ag ppm	Ba ppm	Cd ppm	Cr ppm	Pb ppm	Hg ppm	Se ppm
ANALYSIS DATE:	07/17/97	07/17/97	07/18/97	07/18/97	07/17/97	07/17/97	07/18/97	07/18/97
EPA LIMITS:	5	5	100	1	5	5	0.2	1
H3053-1 CELL 1	<1	<1	<10	<0.1	<1	<1	<0.02	<0.25
H3053-2 CELL 2	<1	<1	<10	<0.1	<1	<1	<0.02	<0.25
H3053-3 CELL 3	<1	<1	<10	<0.1	<1	<1	<0.02	<0.25
Quality Control	0.105	4.11	20.00	1.995	5.05	1.92	0.0099	0.099
True Value QC	0.100	4.00	20.00	2.000	5.00	2.00	0.0100	0.100
% Recovery	105	103	100	99	101	96	99	99
Relative Standard Deviation	11.4	0.7	2.6	0.8	2.7	0.7	2.1	1.2
METHODS: EPA 1311, 600/4	9 206.2	272.1	208.1	213.1	218.1	239.1	245.1	- 270.2

Gayle A Potter Chemist

07/23/97 Date

UPS - Fed Ex - Bus - Other:	Reinquished By:	Soli of the	Sampler Relinguished:	PLEASE NOTE: Liability and Damages: Cardinat's vacility and client's suctioner remoty for any claim anxing. All claims, including those for represent any other cause westpower uses the pagenge award unless made service, in no serviciability and principles for incidental or consequented damages, uncluding, without incidental or consequented asserted asserted as of claims. In place administration of services between the place and incidental or consequence of services between the Cardinals.		no the	H 30 3 5 - 3 CER ()	3	かれて	#30 S3-1 Cell 1	LAB LD. # Sample LD.		Project Location: Cupicu W- IV	Project Name: Call Sound In	Project #: EPI Laudfarn	392-	Phone #: 392 - 2234	Address: 60 1 W TII, NOS	Fold, & 1	Company Name:	LABORAIORIEU
Cool Intact  Crost Intact  Yes I Yes  No I No	Received By: (Lab Skaff)		Date: /스니수기 Received By:	sediane remedy for any claim antiro), inhether based in contract or tod, shall be inhided to the amount paid by clein for analyses, read by palended awared unless made in intring and received by Cardinal whom thing (2015) was after compress of the applicable is damaged, without a wind in the compress of the applicable is damaged, including it without intring (2015) without a stateboares, in damaged, including it without intringions, to see of use, or osciolar of policy included by clein, it is subspoares, the abstract of Cardinal, regardless of whether such claim is based upon any of the abovention cleans or otherwise.		y Cone	***	2 8	$\Delta 1$		COMP(C) OR GRAB(C) # CONTAINERS GROUNDWATER WASTEWATER SOIL CIL SLUDGE OTHER: ACID: ICE/COOL	MAINA	Fax #:	- Trust my Core	n Inc. State:	сћу:	Address: Address:	Company:	BILL TO	Consultant	•••
(Initials)	Ice, English	- 1	Phone Result □ Yes □ No Additional Fax #:					1, 7,55,7	4 3:35 / /	7/14 368 / / /	BTEX TPH		SAMPI INC		Zp:		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		PO#:	ANALYSIS REQUEST	Page

STATE OF NEW MEXICO OIL CONSERVATION DIVISION

# MEMORANDUM OF MEETING OR CONVERSATION

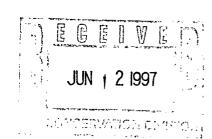
Telephone	Personal	7.30		Date 6/24/97
	Originating Part	<u>Y</u>		Other Parties
EDDI	E SERY E	PI Landfarn	M	lartyn
Subject				
		nches at 1	last	Treatment zone Monitoring
Su	spling.			
Discussion	PT will Aland	h Sand.	- L 3	36 inches careful Not to
•	Stainless Steel	à.	•	
		-		n Cells 1,2 +3 will
nave	to be Closed	<b></b>		<del></del>
				· · · · · · · · · · · · · · · · · · ·
		<del></del>		
Conclusions or	Agreements Res	emple at	36 inch	es as Soon as possible.
Distribution		Sig	ined	Martyn J Thuly

# RECEIVED

JUN 1 2 1997

June 10, 1997

Environmental Bureau Oil Conservation Division



Martyne J. Kieling NMOCD Environmental Bureau 2040 South Pacheco St. Santa Fe, NM 87505

SUBJECT: EPI Landfarm Quarterly Sampling

Dear Martyne Kieling:

Enclosed are quarterly sampling from EPI Landfarm. The samples were taken at 24 in. and analyzed for BTEX, TPH and Metals. The test holes were filled with bentonite.

If you have any questions or need additional information, please call.

Sincerely,

Eddie W. Seay, Agent

Eddw WS

601 W. Illinois

Hobbs, NM 88240

(505)392-2236

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Page

PHONE -9151 573-7001 . 2111 BEECHWOOD . BILENE, FX :9603

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PHONE (505) 393-2326 ◆ 101 € MARLAND ◆ +C9BS, NM 38240 A ARDINAL LABORATORIES

Company Name:	Company Name: @ Calo, Son,		Corect	100										ANALYSIS		REQUEST	JEST	f	
Project Manager: Elle	de See			2 1		8.0	BILLTO	0	<u>م</u>	PO #:									
Address: 601 W					ļ	Com	Company:	Ed	9/10	See	5				<del></del> ;				
 	!	75 :dz	724	ر م		Attn:											····		
Phone #: \$92 -2236						Address:	355:										·		
Fax #:						Cfty:													
Project #: EPT	Project # EPI land form -	J	S	Sameline	۶, ۶	State:		Ì	Ŋ	:dz									
Project Name: PPI	I			_	_	Phone #:	.#		İ										
Project Location: Dunice	Junes AIM					Fax #:	4.0												
		$\vdash$			WA	MATRIX		944	PRESERVATION		SAMPLING								
LAB LD.#	Sample LD.	COMP(C) OR GRAB(G)	* CONTAINERS	GROUNDWATER WASTEWATER	BOIL	OIL	SLUDGE:	VCID:	ICE COOL	: язнто О Р	TIME	MSI	BIEX	Lotom					
1-29/0-1	G. 1 # 4.0	, 3	1	)	-	+-	+	┼	<del></del>	12/37	ンナン	>	5		-				
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PI FASE NOTE: Limitive and Damages Ca	Cardinal's lability and client's exclusive remedy for any claim ansing, whether	um ansing. whet	her based +	o contract or	od, shall by	ontract or tod, shall be united to the amount paid by client for analyses	e amount pak	2 ty client fo	r analyses.										

Phone Result   Yes   No Additional Fax #:	REMARKS:				
Received By:		Received By: (Lab Staff)	400	Sample Condition CHECKED BY: Cool Intact (Initials)	Yes Yes
Date: 7/97 Re			Time:		
Sampler Relinquished:	501, W. Sun	Reinquished By:		Delivered By: (Circle One)	UPS - Fed Ex - Bus - Other:





ANALYTICAL RESULTS FOR EDDIE SEAY CONSULTING ATTN: EDDIE SEAY 601 W. ILLINOIS HOBBS, NM 88240 FAX TO:

Receiving Date: 05/27/97

Reporting Date: 05/30/97

Project Number: CELL SAMPLING

Project Name: EPI LANDFARM Project Location: EUNICE, NM

Sampling Date: 05/27/97

Sample Type: SOIL

Sample Condition: COOL, INTACT

Sample Received By: GP

Analyzed By: BC/GP

LAB NUMBI	ER SAMPLE ID	TPH (mg/Kg)	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS	DATE:	05/29/97	05/28/97	05/28/97	05/28/97	05/28/97
H2967-1	CELL #3 A	<10	<0.020	<0.020	<0.020	<0.060
H2967-2	CELL #2 A	<10	<0.020	<0.020	<0.020	<0.060
H2967-3	CELL #1 A	41	<0.020	<0.020	<0.020	<0.060
Quality Con	trol	205	0.101	0.101	0.106	0.301
True Value	QC	200	0.100	0.100	0.100	0.300
% Recovery		102	101	101	106	100
Relative Pe	rcent Difference	0.4	5.9	4.9	10.7	12.6

METHODS: TRPHC - EPA 600/7-79-020, 418.1; BTEX - EPA SW-846-8260

Chemist /

Sayle A Pet

Date

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable services the property of the property of the contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable services the property of the applicable services arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.





ANALYTICAL RESULTS FOR EDDIE SEAY CONSULTING ATTN: EDDIE SEAY 601 W. ILLINOIS HOBBS, NM 88240 FAX TO:

Receiving Date: 05/27/97 Reporting Date: 06/03/97

Project Number: CELL SAMPLING Project Name: EPI LANDFARM Project Location: EUNICE, NM Sampling Date: 05/27/97 Sample Type: SOIL

Sample Condition: COOL, INTACT

Sample Received By: GP

Analyzed By: GP

## **RCRA METALS**

AMPLE ID	As	Ag	Ba	Cd	Cr	Pb	Hg	Se
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
· ·	05/29/97	05/29/97	05/29/97	05/29/97	05/29/97	05/29/97	05/30/97	05/29/97
ELL #3 B	2.115	<0.1	<0.5	<0.05	9.50	<0.1	<0.02	0.050
ELL#2B	2.295	<0.1	<0.5	<0.05	10.50	<0.1	<0.02	<0.02
ELL#1 B	2.215	<0.1	<0.5	<0.05	8.50	<0.1	<0.02	<0.02
······································								
					<u>.</u>			
	0.0474	4.00	E 00	4.005	5.00	4 04	0.0400	0.203
·								0.200
								102
Difference	0.1	0.1	6.9	0.1	0.2	0.3	0.5	5.0
600/4-79-020	206.2	272.1	208.1	213.1	218.1	239.1	245.1	270.2
	ELL #3 B ELL #2 B ELL #1 B	Ppm  :: 05/29/97  ELL #3 B 2.115  ELL #2 B 2.295  ELL #1 B 2.215  0.0471 0.0500 94.2  Difference 0.1	ppm ppm  E:: 05/29/97 05/29/97  ELL #3 B 2.115 <0.1  ELL #2 B 2.295 <0.1  ELL #1 B 2.215 <0.1  0.0471 4.00 0.0500 4.00  94.2 100  Difference 0.1 0.1	ppm ppm ppm ppm  E: 05/29/97 05/29/97 05/29/97  ELL #3 B 2.115 <0.1 <0.5  ELL #2 B 2.295 <0.1 <0.5  ELL #1 B 2.215 <0.1 <0.5   0.0471 4.00 5.00  0.0500 4.00 5.00  94.2 100 100  Difference 0.1 0.1 6.9	ppm         ppm         ppm         ppm         ppm           E::         05/29/97         05/29/97         05/29/97         05/29/97         05/29/97           ELL #3 B         2.115         <0.1	ppm         ppm <td>ppm         ppm         ppm<td>ppm         ppm         ppm</td></td>	ppm         ppm <td>ppm         ppm         ppm</td>	ppm         ppm

Chemist

Ey le Holi

Date /

May 8, 1997

# CERTIFIED MAIL RETURN RECEIPT NO. P-326-936-286

Mr. Eddie W. Seay Eddie Seay Consulting 601 W. Illinois Hobbs, New Mexico 88240

RE: Quarterly treatment zone sampling at EPI Landfarm

# Dear Mr Seay:

The New Mexico Oil Conservation Division (OCD) has received Environmental Plus Inc.'s (EPI) analytical results dated December 26, 1996. Based on the information provided the OCD is concerned about chromium and lead levels migrating into the treatment zone. Comparison of chromium and lead values were made with the EPI background samples submitted to the OCD on September 13, 1993. Background levels show no lead or chromium above detection limits whereas the quarterly samples submitted in December 1995 and 1996 are significantly above background. Please see the table below for a summary of EPI chromium and lead values.

Location	<u>Date</u>	Cr ppm	Pb ppm	Depth
Background	9/13/93	< 0.05	<0.10	18"
Cell 1	12/9/94	< 0.1	<0.1	18"
Cell 1	12/26/95	9.7	6.6	12'-15"
Cell 2	12/26/95	7.2	2.7	12'-15"
Cell 3	12/26/95	9.6	<2.5	12'-15"
Cell 1	12/26/96	<5	<5	12'-15"
Cell 2	12/26/96	6	6	12'-15"
Cell 3	12/26/96	8	7	12'-15"

Note that the samples taken in 1993 and 1994 were at 18 inches and the 1995 and 1996 samples were at 12 to 15 inches. According to the EPI Landfarm permit Treatment Zone Monitoring, section 2 "The sample will be taken at two to three (2-3) feet below the native ground surface."

The OCD requests that during all subsequent quarterly sampling events EPI increase the sample depth in order to comply with the permit specifications (between 24 and 36 inches). In addition, EPI will analyze for heavy metals during the next quarterly sampling to determine if migration

of metals into the subsurface is occurring.

Please be advised that compliance with OCD requirements does not relieve EPI of liability should their operation result to pollution of the ground water, surface water or the environment. In addition, OCD requirements do not relieve EPI of the responsibility for compliance with other federal, state and/or local regulations.

If you have any questions please do not hesitate to contact me at (505) 827-7153.

Sincerely,

Martyne J. Kieling

Environmental Geologist

xc: Wayne Price, OCD Hobbs Office

**EDDIE SEAY** 



601 W. ILLINOIS **HOBBS, NEW MEXICO 88240** (505) 392-2236 FAX (505) 392-6949

**ENVIRONMENTAL. GEOLOGICAL & REGULATORY SPECIALISTS** 

December 26. 1996

Mr. Roger Anderson New Mexico Oil Conservation Division Environmental Department 2040 S. Pacheco Santa Fe. NM 87505

SUBJECT: EPI Landfarm Quarterly Monitoring

Dear Roger:

Find enclosed quarterly sampling for EPI's treatment zone. Samples were taken at approximately a 15 inch depth and hole filled with bentonite. Samples were tested for BTEX, TPH. Gen. Chemistry and Metals. These are analysis which are required yearly.

If you have any question or need additional information, please call.

Sincerely,

Eddie W. Seay, Agent \

Eddei W Sear



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

PHONE (505) 326-4669 • 118 S. COMMERCIAL AVE. • FARMINGTON, NM 87401

PHONE (806) 796-2800 • 5262 34th ST. • LUBBOCK, TX 79407

ANALYTICAL RESULTS FOR EDDIE SEAY CONSULTING ATTN: EDDIE SEAY 601 W. ILLINOIS HOBBS, NM 88240 FAX TO:

Receiving Date: 11/26/96 Reporting Date: 12/11/96

Project Number: NOT GIVEN

Project Name: EPI LANDFARM/CHARLIE BETTS

Project Location: EUNICE, NM

Sampling Date: 11/26/96

Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: BC

Analyzed By: AK

# **RCRA METALS**

LAB NUMBEF SAMPLE ID	As	Ag	Ba	Cd	Cr	Pb	Hg	Se	10 days
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
ANALYSIS DATE:	12/6/96	12/6/96	12/6/96	12/6/96	12/6/96	12/6/96	12/6/96	12/6/96	
H2719-1 CELL #1	<15	<5	54	<1	<b>5</b> 5.	<5,	<0.2	<15	
H2719-2 CELL#2	<15	<5	55	<1	6	6	(0.2	<15	
H2719-3 CELL #3	<15	<5	55	<1	8	/ (7)	<0.2	<15	
						<u> </u>			
						1			
Quality Control	2.375	5,150	4.800	0.495	5.000	2.500	0.0101	0.435	
True Value QC					5.000	2.500	0.0101	0.433	
	2.500	5.000	5.000	0.500 99	100	100	101	87	
% Accuracy	95	103	96	99	100	100			
Relative Percent Difference	0	0	1	1	1	1]	6	5	
METHODS: EPA 600/4-91/010	200.7	200.7	200.7	200.7	200.7	200.7	245.1	270.2	

Wei Li

Wei Li, Chemist

12/11/9



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ANALYTICAL RESULTS FOR EDDIE SEAY CONSULTING ATTN: EDDIE SEAY 601 W. ILLINOIS HOBBS, NM 88240 FAX TO:

Receiving Date: 11/26/96 Reporting Date: 12/09/96

Project Number: NOT GIVEN

Project Name: EPI LANDFARM/CHARLIE BETTS

Project Location: EUNICE, NM

Sampling Date: 11/26/96 Sample Type: SOIL\*

Sample Condition: COOL & INTACT

Sample Received By: BC Analyzed By: WL/BC

	P-Alkalinity	T-Alkalinity	Chloride	Sulfates	pН	
LAB NUMBER SAMPLE ID	(mg/L CaCO3)	(mg/L CaCO3)	(mg/L)	(mg/L)	(s.u.)	
ANALYSIS DATE	12/6/96	12/6/96	12/6/96	12/6/96	12/6/96	
H2719-1 CELL #1	0	230	45.0	47.5	7.90	
H2719-2 CELL#2	0	200	37.5	<1	7.71	
H2719-3 CELL #3	0	220	35.0	16.5	8.05	
Quality Control	NR	NR	205	101.5	7.01	
True Value QC	NR	NR	200	100	7.00	
% Accuracy	NR	NR	102	102	100	
Relative Percent Difference	NR	NR	1.0	1.5	0.4	
METHODS: EPA 600/4-79-02	-	- 1	325.3	375.4	150.1	
Standard Method	2320 B	2320 B	-	-	-	
	Hydroxides	Carbonates	Bicarbonates	Conductivity	TDS	

LAB NUMBER SAMPLE ID	Hydroxides (mg/L)	Carbonates (mg/L)	Bicarbonates (mg/L)	Conductivity (umhos/cm)	TDS (mg/L)
ANALYSIS DATE	12/6/96	12/6/96	12/6/96	12/6/96	12/6/96
H2719-1 CELL #1	0	0	280	185	920
H2719-2 CELL#2	0	0	244	100	735
H2719-3 CELL #3	0	0	268	109	835
Quality Control	NR	NR	NR	1422	NR
True Value QC	NR	NR	NR	1413	NR
% Accuracy	NR	NR	NR	101	NR
Relative Percent Difference	NR	NR	NR	1.9	6.8
METHODS: EPA 600/4-79-02		-		120.1	160.1
Standard Method	2320 B	2320 B	2320 B	-	-

\*Analyses performed on a 1/5 w/v aqueous extract.

Wei Li

Chemist

12-9-96

Date

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service to progress that cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.



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ANALYTICAL RESULTS FOR EDDIE SEAY CONSULTING ATTN: EDDIE SEAY 601 W. ILLINOIS HOBBS, NM 88240

FAX TO:

Receiving Date: 11/26/96 Reporting Date: 12/02/96

Project Number: NOT GIVEN

Project Name: EPI LANDFARM/CHARLIE BETTIS

Project Location: EUNICE, NM

Sampling Date: 11/26/96

Sample Type: SOIL

Sample Condition: COOL, INTACT

Sample Received By: BC

Analyzed By: BC

LAB NUMBEF SAMPLE ID	TPH (ppm)	BENZENE (ppb)	TOLUENE (ppb)	ETHYL BENZENE (ppb)	TOTAL XYLENES (ppb)
ANALYSIS DATE:	11/27/96	11/27/96	11/27/96	11/27/96	11/27/96
H2719-1 CELL #1	15.8	<2.0	<2.0	<2.0	<2.0
H2719-2 CELL #2	47.7	<2.0	<2.0	<2.0	<2.0
H2719-3 CELL #3	21.3	<2.0	<2.0	<2.0	<2.0
Quality Control	202	87.9	85.2	83.9	258
True Value QC	200	88.2	85.8	83.4	254
% Accuracy	101	99.7	99.4	101	102
Relative Percent Difference	1.0	3.9	1.5	5.7	2.8

METHODS: TRPHC - EPA 600/7-79-020, 418.1; BTEX - EPA SW-846-8020

Burgess V A Cooke Ph D

13.5

EDDIE SEAY CONSULTING

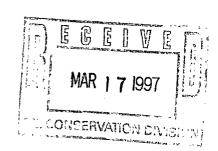
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601 W. ILLINOIS HOBBS, NEW MEXICO 88240 (505) 392-2236 FAX (505) 392-6949

ENVIRONMENTAL,
GEOLOGICAL & REGULATORY
SPECIALISTS

March 13, 1997



NMOCD Environmental Bureau ATTN: Roger Anderson 2040 S. Pacheco

Santa Fe, NM 87505

SUBJECT: EPI Landfarm Inc.

Dear Roger:

The quarterly samples for EPI Landfarm treatment zone are attached. Samples were taken at a 12 to 15 inch depth and holes filled with bentonite. Samples were tested for ETEX and TPH. If you have any questions, please call.

Sincerely,

Eddie W. Seay, Agent



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ANALYTICAL RESULTS FOR EDDIE SEAY CONSULTING ATTN: EDDIE SEAY 601 W. ILLINOIS HOBBS, NM 88240

FAX TO: 505-392-6949

Receiving Date: 02/27/97

Reporting Date: 03/04/97

Project Number: QUARTERLY SAMPLE

Project Name: EPI

Project Location: EUNICE, NM

Sampling Date: 02/27/97

Sample Type: SOIL

Sample Condition: COOL, INTACT

Sample Received By: GP

Analyzed By: BC/JA

LAB NUMBER	SAMPLE ID	TPH (mg/Kg)	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS DAT	TE:	3/1/97	3/3/97	3/3/97	3/3/97	3/3/97
H2822-1	CELL 1	9.21	<0.002	<0.002	<0.002	<0.006
H2822-2	CELL 2	5.64	<0.002	0.002	0.002	0.016
H2822-3	CELL 3	<5	<0.002	<0.002	<0.002	<0.006
						,
<b>Quality Control</b>		*	0.100	0.109	0.114	0.337
True Value QC			0.109	0.103	0.105	0.310
% Recovery			92	106	109	109
Relative Percer	nt Difference		<1	<1	<1	<1

METHODS:

TRPHC-SW-846 8015 MOD.; BTEX - EPA SW-846 8020

\*See attached sheet.

Burgess J. A. Cooke, Ph. D.



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ANALYTICAL RESULTS FOR EDDIE SEAY CONSULTING ATTN: EDDIE SEAY 601 W. ILLINOIS HOBBS, NM 88240 FAX TO: 505-392-6949

Receiving Date: 02/27/97 Reporting Date: 03/04/97

Project Number: QUARTERLY SAMPLE

Project Name: EPI

Project Location: EUNICE, NM Laboratory Number: H2822

Sampling Date: 02/27/97 Sample Type: SOIL

Sample Condition: COOL, INTACT

Sample Received By: GP Analyzed By: BC/JA

8015 MOD. QC

	OU TO MICD. QU			
EPA 8015M - (mg/Kg)	Method		Tr	ue Value
	Blank	QĆ	%IA	QČ

C-8	n-Octane	NR	NR	NR	NR ,
C-9	n-Nonane	<2.0	81.7	82	100
C-10	n-Decane	<2.0	92.2	92	100
C-11	n-Undecane	<2.0	95.8	96	100
C-12	n-Dodecane	<2.0	92.0	92	100
C-13	n-Tridecane	<2.0	99.3	99	100
C-14	n-Tetradecane	<2.0	104	104	100
C-15	n-Pentadecane	<2.0	100	100	100
C-16	n-Hexadecane	<2.0	99.9	100	100
C-17	n-Heptadecane	<2.0	103	103	100
C-18	n-Octadecane	<2.0	110	110	100
C-19	n-Nonadecane	<2.0	108	108	100
C-20	n-Eicosane	<2.0	107	107	100
C-21	n-Heneicosane	<2.0	115	115	100
C-22	n-Docosane	<2.0	117	117	100
C-23	n-Tricosane	<2.0	108	108	100
C-24	n-Tetracosane	<2.0	116	116	100
C-25	n-Pentacosane	<2.0	98.5	99	100
C-26	n-Hexacosane	<2.0	121	121	100
C-27	n-Heptacosane	<2.0	119	119	100
C-28	n-Octacosane	<2.0	119	119	100
			,		
	Total n-Alkanes	<5.0	2106	105	2000

METHOD: EPA SW 846-8015 M (gc/ms)

Chemist

03/04/97 Date CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page

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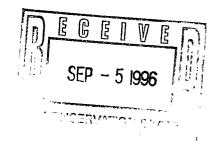
ARDINAL LABORATORIES

8 ANALYSIS REQUEST 31 2 100m 9:45/ 9:30 TIME SAMPLING DATE 2/2 • 2282 N PO #: 엉 : ABHTO PRESERVATION ICE I COOF >  $\supset$ BILLTO YCID: : ABHTO Сопрапу: Address: Phone #: STADGE Fax #: State: Attn: Ċ C MATRIX TIO **301** × **MASTEWATER** 87240 GROUNDWATER Musua **\* CONTAINERS** COMP(C) OR GRAB(G)  $\mathcal{C}$ State: (Vm/Zlp: TILLNOW Sample LD. 1 W Phone #: 392 - 2236 Project Location: [Unico 3 Froject # 392 6 Project Name: EPI CITY: 4 abys M Project Manager: Address: (2) Company Name: LAB LD. # ŧ 42822-12822 42622

sed in contract or ton. shall be immed to the amount call by client for analyses are decorated or the applicable or secessed to Cardinia within them. 303 states after contractions or the applicable interruptions, loss of ture, or loss of profits recurred to them. It subsequents such claim is based upon any 31 the above-stated reakins or contreverse. PLEASE NOTE. Liability and Damages. Cardinal's:

Environmental Bureau Oil Conservation Division RECEIVED APR 24 1997 Phone Result | Yes | No Additional Pax #:
Fax Results: | Yes | No | FO | FO | REMARKS: CHECKED BY: (Initials) Received By: (Lab Staff) Sample Condition
Cook Intact
Cook Intact Received By: Tilmo: 20% 2/27 UPS - Fed Ex - Bus - Other: Delivered By: (Circle One) Sampler Relinquished

September 3, 1996



Mr. Roger Anderson NMOCD, Environmental Bureau 2040 S. Pacheco Santa Fe, NM 87505

SUBJECT: EPI Landfarm Quarterly Sampling, August 1996

Dear Sir:

Find within sampling for the treatment zone monitoring for EPI Landfarm.

Three cells were tested, samples taken from 12 to 15 inch depth and anlysis for TPH & BTEX. Holes were backfilled with redbed clay.

The original TPH levels for cell #1 was a little high. I talked to Wayne Price with the Hobbs OCD and a new sample was taken at the same area and approximate same depth. Both anallsis are within.

If you have any questions or need additional information, please call.

Sincerely,

Eddie W. Seay, Agent

601 W. Illinois

Hobbs, NM 88240

(505)392-2236

Ellin



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ANALYTICAL RESULTS FOR EDDIE SEAY CONSULTANTS ATTN: 601 W. ILLINOIS HOBBS,NM 88240 FAX TO:

Receiving Date: 08/21/96 Reporting Date: 08/22/96 Sampling Date: 08/21/96 Sample Type: SOIL

Project Number: NOT GIVEN

Sample Condition: COOL & INTACT

Project Name: EPI LANDFARM (for CHARLIE BETTIS)

Sample Received By: BC

Project Location: EUNICE, NM Revised Report Date: 08/27/96

Analyzed By: BC

					EINTL	IOTAL
LAB NUMBER	SAMPLE ID	TPH	BENZENE	TOLUENE	BENZENE	XYLENES
		(mg/Kg)	(ppb)	(ppb)	(ppb)	(ppb)

ANALYSIS DAT	Έ:	8/22/96	8/22/96	8/22/96	8/22/96	8/22/96
H2620-1	CELL 1	349*	<2	<2	<2	<2
H2620-2	CELL 2	57.7	<2	<2	<2	<2
H2620-3	CELL 3	49.8	<2	<2	<2	<2
Quality Control		172	99.5	87.4	73.8	219
True Value QC		160	88.2	85.8	83.4	254
% Accuracy		107.5	113	102	88.5	86.2
Relative Percen	t Difference	2.3	2.8	0.8	1.5	1.5

**METHODS:** 

TRPHC - EPA 600/7-79-020, 418.1; BTEX - EPA SW-846-8020

\*Sample 1 reanalyzed on 8/26/96.

Burgess J. A. Cooke, Ph. D.

Date



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ANALYTICAL RESULTS FOR **EDDIE SEAY CONSULTANTS** ATTN: 601 W. ILLINOIS **HOBBS, NM 88240** FAX TO:

Receiving Date: 08/28/96

Reporting Date: 08/29/96

**Project Number: NOT GIVEN** 

Project Name: EPI LANDFARM INC (for CHARLIE BETTIS)

Project Location: EUNICE, NM

Analysis Date: 08/28/96 Sampling Date: 08/28/96

Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: BC

Analyzed By: BC

LAB NUMBER

SAMPLE ID

TPH (ppm)

H2632-1 (	CELL #1 TREATMENT ZONE	85
***************************************		
Quality Control		168
True Value QC		160
% Accuracy		105
Relative Percent D	ifference	2.4

METHOD: EPA 418.1, 3510, 3540, or 3550; Infared Spectroscopy

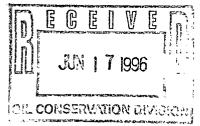
## EDDIE SEAY CONSULTING

PEAK CONSULTING SERVICES

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ENVIRONMENTAL,
GEOLOGICAL & REGULATORY
SPECIALISTS





June 10. 1996

Mr. Chris Eustice New Mexico Oil Commission Division Environmental Department 2040 S. Pacheco Santa Fe, NM 87505

SUBJECT: EPI Landfarm Quarterly Monitoring, May, 1996.

Dear Sir:

Find within anlysis for our treatment zone monitoring at EPI landfarm. Samples were taken at 12 to 15 inch depths and holes backfilled with bentonite.

If you have any questions or need additional information, please call.

Sincerely,

Eddie W. Seay, Agent



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ANALYTICAL RESULTS FOR EDDIE W. SEAY 601 W. ILLINOIS HOBBS, N.M. 88240

FAX TO:

Receiving Date: 5/29/96 Reporting Date: 6/3/96 Project Number: H-2543

Project Name: EPI LANDFORM Project Location: EUNICE, N.M.

Sampling Date: 5/29/96 Sample Type: SOIL

Sample Condition: INTACT
Sample Received By: S. RAINES
Analyzed By: J. ARMSTRONG

TOTAL

LAB NUMBER SAMPLE ID

TPH MTBE BENZENE TOLUENE ETHYLBENZENE XYLENES (ppm) (ppm) (ppm) (ppm) (ppm) (ppm)

ANALYSIS DATE:	5/31/96	5/31/96	5/31/96	5/31/96	5/31/96	5/31/96
H2543-1 CELL 1	30.6	<0.005	<0.005	<0.005	<0.005	<0.005
H2543-2 CELL 2	20.6	<0.005	<0.005	<0.005	<0.005	<0.005
H2543-3 CELL 3	81.5	<0.005	<0.005	<0.005	<0.005	<0.005
Quality Control	200	0.119	0.102	0.104	0.100	0.311
True Value QC	224	0.113	0.099	0.101	0.094	0.295
% Ассигасу	112%	0.95	97%	97%	94%	95%
Relative Percent Difference	<1%	<1%	<1%	<1%	<1%	<1%

METHODS: TRPHC - EPA 418.1, SW-846-3550; BTEX/MTBE-EPA SW-846-8020

Armstrong

6-3-70

Date

EDDIE SEAY

RECEVED

CONSULTING 95 MAY 6 PM 8

601 W. ILLINOIS HOBBS, NEW MEXICO 88240 (505) 392-2236 FAX (505) 392-6949

ENVIRONMENTAL, GEOLOGICAL & REGULATORY SPECIALISTS



March 4, 1996

Mr. Chris Eustice New Mexico Oil Commission Division Environmental Department 2040 S. Pacheco Santa Fe. NM 87505

SUBJECT: EPI Landfarm Quarterly Monitoring Feb. 1996

Dear Mr. Eustice:

Find within quarterly sampling for EPI Landfarm, treatment zone monitoring. Samples were taken at a depth of approximately 15 in. Holes were backfilled with redbed clay. Samples were tested for BTEX and TPH.

If you have any question or need additional information. please call.

Sincerely,

Eddie W. Seay, Agent



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TPH / BTEX ANALYSIS REPORT

Company: Address:

E.P.I Landfarm 601 W. Illinois Hobbs, NM 88240 EPI Landfarms Eunice, NM

City, State: Project Name: Location:

Sampled by: Analyzed by: Sample Type: ES MG

Soil

02/20/96 H2417 Date: Lab #:

02/20/96 02/22/96 Time: 10:45 Time: 11:56 Date:

Date: Sample Condition: intact

Units: mg/kg

**** Samp #	*********** Field Code	**************************************	********* BENZENE	**************************************	******** ETHYL BENZENE	******* PARA- XYLENE	******* META- XYLENE	******* ORTHO- XYLENE
1	Cell #1	145	<0.001	<0.001	<0.001	<0.001	<0.001	<0.000
2	Cell #2	120	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
3	Cell #3	78	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	<b>'</b>	,			'		•	•
(	QC Recovery QC Spike Accuracy Blank	169 160 106 %	0.527 0.534 99% <0.001	0.496 0.525 94% <0.001	0.523 0.528 99 <0.001	0.534 0.525 102% <0.001	0.555 0.523 106% <0.001	0.505 0.519 97% <0.001

Methods - GAS CHROMOTOGRAPHY; INFRARED SPECTROSCOPY - EPA SW-846; 8020, 418.1, 3510, 3540 or 3550

Mitck Irvin

THE SOMSERVE IN DIVISION RECEIVED

December 26, 1995

Mr. Chris Eustice State of New Mexico Oil Conservation Division 2040 S. Pacheco Santa Fe, NM 87505

RE: EPI Landfarm Quarterly Sampling 11/95

Dear Chris:

Find enclosed our quarterly analysis for EPI Landfarm in Eunice, NM. Samples were taken at a depth of between 12 to 15 inches, holes backfilled with clay, and soils tested for TPH, BTEX and TCLP.

If you have any questions or need additional information, please call.

Sincerely,

Eddie W. Seay, Agent

601 W. Illinois

Hobbs, NM 88240

Eldin W -

(505)392-2236



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### METALS ANALYSIS REPORT

Eddie Seay 601 W. Illinois Hobbs, NM 88240

12/11/95 H2307 Date: Lab #:

Company: Address: City, State:

Project Name:

EPI Landform, INC

Eunice, NM

Location: Sampled by: Sample Type:

ES

water

Date: Sample Condition: 11/21/95

intact ppm

Sample ID: Cell #1

Cell #2

Cell #3

Units:

-			•
PARAMETER	RESULT 1	RESULT 2	RESULT 3
Silver Arsenic Barium Cadmium Chromium Mercury (mg/L) Lead Selenium	<2.5 4.0 53.4 <2.5 9.7 <0.002 6.6 <2.5	<2.5 3.7 58.7 <2.5 7.2 0.0038 2.7 <2.5	<2.5 3.1 65.5 <2.5 9.6 0.002 <2.5 <2.5

-EPA 1311/7000

Mitch Irvin



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

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BTEX ANALYSIS

REPORT

Date:

12/05/95 H2307

Company: Address: City, State:

Lab:

Eddie Seay 601 W. Illinois Hobbs, New Mexico 88240

Project Name:

EPI Landform, Inc

Eunice, NM

Date:

Time: 3:00

Location: Sampled by: Analyzed by: Sample Type:

ES MI

Date:

11/21/95 11/29/95

Time:

water

Sample Condition: intact

Units: ppm

Samp #	Field Code	BENZENE	TOLUENE	ETHYL BENZENE	PARA- XYLENE	META- XYLENE	ORTHO- XYLENE
1	Cell #1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2	Cell #2	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
3	Cell #3	4.690	<0.001	<0.001	<0.001	<0.001	<0.001

QC Recovery QC Spike Accuracy		0.777				0.846
	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001°

Methods - GAS CHROMOTOGRAPHY - EPA SW-846; 8020

Mitch Irvin



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

PHONE (505) 326-4669 • 118 S. COMMERCIAL AVE. • FARMINGTON, NM 87401

FINAL ANALYSIS REPORT

Company: Eddie Seay Address: 601 W. Illinois City, State: Hobbs, NM 88240

Date: 12/11/95 Lab #: H2307

Project Name:

EPI Land Farm Inc Eunice, NM

Date: 11/21/95 Date: 12/01/95 Time: Sample Condition:

15:42 intact

Units: ppm

Location: Eunice
Sampled by: ES
Analyzed by: MI
Sample Type: water

Samp #	FIELD CODE	TRPHC
1   Cell	<b>#1</b>	430.0
2   Cell	<b>#2</b>	597.0
3   Cell	#3	243.7

QC Recovery QC Spike Accuracy

601 W. ILLINOIS + 25 SE3 HOBBS, NEW MEXICO 88240 (505) 392-2236 FAX (505) 392-6949

ENVIRONMENTAL, GEOLOGICAL & REGULATORY SPECIALISTS





September 1, 1995

Mr. Chris Eustice Oil Conservation Division 2040 S. Pacheco Santa Fe, NM 87505

SUBJECT: EPI Landfarm Quarterly Testing

Chris:

Find within analysis for quarterly testing of treatment zone for EPI Landfarm, Eunice, NM. If you have any questions or need additional information, please call.

Sincerely,

Eddie W. Seay

Eldi W.S.



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

PHONE (505) 326-4669 • 118 S. COMMERCIAL AVE. • FARMINGTON, NM 87401

TPH/BTEX

ANALYSIS

REPORT

Company:

8/23/95 H2148 Date:

Address:

Eddie Seay 601 W. Illinois Hobbs, NM

Lab #:

City, State:

EPI Landfarm Eunice, NM

Project Name: Location: Sampled by: Analyzed by: Sample Type:

ES JA Soil Date: 8/20/95 Date: 8/23/95 Time: Time: Sample Condition:

Various Various Intact

Units: ppm

Sam #	p Field Code	TRPHC	BENZENE	TOLUENE	ETHYL BENZENE	m-,o-,p- XYLENE
1	Cell 1 Treatment Zone Cell 2	39.7 50.4	<0.001	<0.001 <0.001	<0.001 <0.001	<0.004 <0.004
3	Cell 3	50.8	0.008	<0.001	<0.001	<0.004

Accuracy   113.0%   77.0%   79.0%   73.0%	OC Spike Accuracy					231.4 317.0 73.0% <0.001
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Methods - GAS CHROMOTOGRAPHY; INFRARED SPECTROSCOPY - EPA SW-846; 8020, 418.1, 3540 OR 3510

Manuel Garbalena

8-23-95

Date

PEAK CONSULTING SERVICES

601 W. ILLINOIS HOBBS, NEW MEXICO 88240 (505) 392-2236 FAX (505) 392-6949

ENVIRONMENTAL,
GEOLOGICAL & REGULATORY
SPECIALISTS



May 30, 1995

Mr. Chris Eustice New Mexico Oil Conservation Division Evironmental Department 2040 S. Pacheco Santa Fe. NM 87505

SUBJECT: EPI Landfarm Quarterly Monitoring, May 1995

Dear Mr. Eustice:

Please find within quarterly sampling for EPI Landfarm treatment zone monitoring. Samples were taken at a depth of approximately 18 in. Holes were backfilled with red bed clay.

If you have any questions or need additional information, please call.

Sincerely,

Eddie W. Seav

Eddin w Sea



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

PHONE (505) 326-4669 • 118 S. COMMERCIAL AVE. • FARMINGTON, NM 87401

TPH/BTEX ANALYSIS REPORT

5/23/95 H2047 Eddie Seay 601 W. Illinois Hobbs, NM 88240 Date: Company: Lab #: Address:

City, State:

EPI, Inc. Eunice, NM ES

Project Name: Location: Sampled by: Analyzed by: Sample Type: 5/21/95 Time: various 5/22-23/95 Time: various Sample Condition: Intact Date: HM Date:

Soil Units: mg/kg

_	Field Code	TRPHC	BENZENE	TOLUENE	BENZENE	XYLENE	XYLENE	XYLENE
	Cell 1 Treatment Zone	21.5	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
?	Cell 2   Treatment Zone  Cell 3	36.3	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
,	Treatment Zone	31.0	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001

Methods - GAS CHROMOTOGRAPHY; INFRARED SPECTROSCOPY - EPA SW-846; 8020, 418.1, 3540 OR 3510

## EDDIE SEAY CONSULTING

601 W. ILLINOIS HOBBS, NEW MEXICO 88240 (505) 392-2236 FAX (505) 392-6949

ENVIRONMENTAL,
GEOLOGICAL & REGULATORY
SPECIALISTS





March 15, 1995

RECEIVED

MAR 1 7 1995

Oil Conservation Division

State of New Mexico Oil Conservation Division 2040 S. Pacheco Santa Fe. NM 87505

ATTN: Chris Eustice

Eddin W Sum

Dear Chris:

Find within quarterly sampling of the treatment zone for Landfarm, Inc. Samples were taken at approximately 18 in. depth and backfilled with redbed clay. If you have any questions or need further information, please call.

Sincerely,

Eddie W. Seay



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

PHONE (505) 326-4669 • 118 S. COMMERCIAL AVE. • FARMINGTON, NM 87401

TPH/BTEX ANALYSIS REPORT

Company: Charlie Bettis Address: 601 W. Illinois City, State: Hobbs, NM

Date: 3/1/95 Lab #: H1974

Project Name:

Project Name: EPI Landfarm, Inc.
Location: Eunice, NM
Sampled by: ES Date
Analyzed by: MF, HM Date
Sample Type: Soil Date: 2/26/95 Time: Date: 2/27-28/95 Time: Sample Condition: AM various

Intact Units: mg/kg

**** Samp #	************** Field Code	TRPHC	********* BENZENE	**************************************	******** ETHYL BENZENE	PARA- XYLENE	******** META- XYLENE	******** ORTHO- XYLENE	< * * * * * * * * * * * * * * * * * * *
1	Quartly-Cell 1	<1.0	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
2	" Cell 2	11.9	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
3	" Cell 3	<1.0	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	

		0.881	0.865 97.8%	0.869	105.2%	0.860	0.962 0.886 108.6% <0.001
--	--	-------	----------------	-------	--------	-------	------------------------------------

Methods - GAS CHROMOTOGRAPHY; INFRARED SPECTROSCOPY - EPA SW-846; 8020, 418.1, 3540 OR 3510

3-1-95

Date

EDDIE SEAY CONSULTING

601 W. ILLINOIS HOBBS, NEW MEXICO 88240 (505) 392-2236 FAX (505) 392-6949

ENVIRONMENTAL, GEOLOGICAL & REGULATORY SPECIALISTS





March 15, 1995

### RECEIVED

MAR 1 7 1995

Oil Conservation Division

State of New Mexico Oil Conservation Division 2040 S. Pacheco Santa Fe. NM 87505

ATTN: Chris Eustice

Dear Chris:

Find within quarterly sampling of the treatment zone for C & C Landfarm, Inc. Samples were taken at approximately 18 in. depth and holes backfilled with redbed clay. Also, all monitor wells were checked at this time and all were dry. If you have any questions or need further information, please call.

Sincerely,

Eddie W. Seay

Eddin W. Sun



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

PHONE (505) 326-4669 • 118 S. COMMERCIAL AVE. • FARMINGTON, NM 87401

TPH/BTEX

ANALYSIS

REPORT

Company: Address:

Date: Lab #:

City, State:

Jim Cooper 601 W. Illinois Hobbs, NM

3/1/95 H1973

PM

Project Name:

C & C Landfarm Monument, NM

Location:
Sampled by:
Analyzed by:
Sample Type:

ES MF, HM Soil

various

Intact

Date: 2/26/95 Time: Date: 2/27-28/95 Time: Sample Condition:

Units: mg/kg

Sam <u>r</u> #	Field Code	TRPHC	BENZENE	TOLUENE	ETHYL BENZENE	PARA- XYLENE	META- XYLENE	ORTHO- XYLENE
1 2 3 4	Quartly-Cell 1 "	<1.0 5.9	<0.001 <0.001 <0.001 <0.001	<0.001	<0.001 <0.001 <0.001 <0.001	<0.001 <0.001 <0.001 <0.001	<0.001 <0.001 <0.001 <0.001	0.011 <0.001 <0.001 <0.001

QC Recovery QC Spike	426.2 405.9	0.846	0.928		0.931	0.962 0.886
Āccuracy Air Blank		97.8%		105.2%		108.6%

Methods - GAS CHROMOTOGRAPHY; INFRARED SPECTROSCOPY - EPA SW-846; 8020, 418.1, 3540 OR 3510

Hope | Moreno

3-1-95

Date

THE DE THE TIME & 52

December 9, 1994

Oil Conservation Division

ATTN: Chris Eustice

Box 2088

Santa Fe, NM 87504-2088

SUBJECT: EPI Inc. Annual Sampling

Dear Chris:

Within is analysis for EPI Inc. landfarm, Eunice, NM. Annual testing requires TPH, BTEX, general chemistry and metals. If you have any questions, please call.

Sincerely,

Eddie W. Seay

601 W. Illinois Hobbs, NM 88240

Eldie W Sean

(505)392-2236



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

PHONE (505) 326-4669 • 118 S. COMMERCIAL AVE. • FARMINGTON, NM 87401

### TCLP ANALYSIS REPORT

Company: Address: City, State: Eddie W. Seay 601 W. Illinois Hobbs, NM 88240 Date: 12/6/94 Lab #: H1875

Project Name:

Location: Sampled by: Sample Type:

EPI Landfarm Eunice, NM ES

Soil

Date: 11/22/94
Sample Condition: Cool, Intact

Sample ID: Cell #1 @ 18" Depth - Annual Sampling

### TCLP INORGANICS (Leachate)

PARAMETER	RESULT	EPA LIMIT	UNITS
Silver Arsenic Barium Cadmium Chromium Mercury Lead Selenium	<0.1 <0.01 0.36 <0.1 <0.1 <0.001 <0.1 <0.001	5 100 1 5 0.2 5	ppm ppm ppm ppm ppm ppm ppm

METHODS: TCLP INORGANICS (Leachate) - EPA 1311/7000

Michael R. Fowler

12/4/94 Date



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

PHONE (505) 326-4669 • 118 S. COMMERCIAL AVE. • FARMINGTON, NM 87401

### CHEMICAL ANALYSIS OF WATER

Company : Eddie W. Seay City, St.: 601 W. Illinois Proj.Name: EPI Landfarm Location : Eunice, NM

Lab #: Date Received: Date Analyzed: H1875 11/22/94 11/23/94

Sample 1 : Cell #1 @ 18" depth - Annual Sampling

Units: ppm

PARAME	RESULT 1	
рН		8.83
Hardness	(CaC0 <sub>3</sub> )	2,640
Calcium	(CaCO <sub>3</sub> )	2,080
Magnesium	(CaCO <sub>3</sub> )	560
Sulfate	(SO <sub>4</sub> -)	1,912
Chloride	(Cl <sup>-</sup> )	1,840
Nitrate		2.6

Michael R. Fowler

12/6/04



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

PHONE (505) 326-4669 • 118 S. COMMERCIAL AVE. • FARMINGTON, NM 87401

REPORT FINAL ANALYSIS

Company: Address:

Eddie W. Seay 601 W. Illinois Hobbs, NM 88240

TRPHC

44.0

ETHYL

BENZENE

<0.001

City, State:

Date: 12/6/94 Lab #: H1875

Project Name: Location:

Samp

EPI Landfarm Eunice, NM

ES

TOLUENE

<0.001

12:30 various

Units: mg/kg

Sampled by: Analyzed by: Sample Type: MF Soil

Field

Cell #1 @ 18" Depth-Annual Sampling

Code

Date: 11/22/94 Time: Date: 11/23/94 Time: Sample Condition:

BENZENE

<0.001

Cool, Intact

PARA-

XYLENE

<0.001

*****	*****	**
META- XYLENE	ORTHO- XYLENE	
<0.001	<0.001	

QC Recovery QC Spike Accuracy Air Blank	405.9 94.8%	0.881 108.6%	0.865 94.7%	0.869	0.866	0.860	0.979 0.886 110.5%
All Blank		140.001	140.001	< 0.001	1/0.001	1/0.001	1/0.001

Methods - GAS CHROMOTOGRAPHY; INFRARED SPECTROSCOPY - EPA SW-846; 8020, 418.1, 3540 OR 3510

Michael R. Fowler

PEAK CONSULTING SERVICES

ENVIRONMENTAL, GEOLOGICAL & REGULATORY SPECIALISTS



August 15, 1994

601 W. ILLINOIS

(505) 392-2236

FAX (505) 392-6949

**HOBBS, NEW MEXICO 88240** 

Mr. Chris Eustice New Mexico Oil Conservation Division P.O. Box 2088 Santa Fe, NM 87504-2088

SUBJECT: Quarterly samples for EPI Landfarm

Dear Chris:

Find within the quarterly analysis from the only cell being used at EPI Landfarm at this time.

If you have any questions or need further information, please call.

Sincerely,

Eddie W. Seay



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

PHONE (505) 326-4669 • 118 S. COMMERCIAL AVE. • FARMINGTON, NM 87401

ANALYSIS REPORT FINAL

Company: Address:

Eddie Seay 601 W. Illinois Hobbs, NM 88240

Date: 08/09/94 Lab #: H1765

City, State:

Project Name: Location: Sampled by: Analyzed by: Sample Type:

EPI Landfarm Eunice, NM

ES

9:15 10:40;9:15

MF

Date: 8/5/94 Time: Date: 8/8;8/9/94 Time: Sample Condition:

GIST

Units: mg/kg

Soil

*** Sam #	************ p	******* TRPHC	********* BENZENE		ETHYL	PARA-	******** META- XYLENE	**************************************	*****
1	Cell 1	<1.0	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	

QC Recovery QC Spike	410.0 405.9	0.797 0.865		0.892 0.866		0.921
Accuracy Air Blank			104.8%		102.2%	103.9%

Methods - GAS CHROMOTOGRAPHY; INFRARED SPECTROSCOPY - EPA SW-846; 8020, 418.1, 3540 OR 3510

Michael R. Fowler

8/0/94 Date

OIL CONSERVE TON DIVISION RECEIVED

'93 SE" 15 AM 8 38

EDDIE W. SEAY, CEI 601 W. Illinois Hobbs, NM 88240 (505)392-2236

September 13, 1993

Ms. Kathy Brown
New Mexico Oil Conservation Division
P.O. Box 2088
Santa Fe, NM 87504-2088

RE: EPI Landfarm

Dear Kathy:

Here are the background analysis for EPI landfarm. Samples were taken approximately in the center of the facility at a depth of about 18 inches. The bond was sent in to Santa Fe the week of the 6th of September and should be on file. We are in the process of constructing the facility, as the permit required, and plan to be finished in a few weeks. Upon completion of the facility, we will notify you before commencing operation, in case an inspection is needed.

If you have any question or need further information, please call.

Sincerely,

Eddie W. Seay

Eddie w Sean



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

### FINAL ANALYSIS REPORT

Company: Address:

P.O. Box 969

Date: 8/31/93 Lab#: H1332

City, State: Eunice, NM 88231

Project Name:
Project Location: Sec. 14 & 15 T22 R37 E Lea County
Sampled by: ES
Date: 8/23/93 Time: 4:00
Analyzed by: HM/MF
Date: 8/30/93 Time: 9:30
Type of Samples: Soil Sample Condition: GIST

Units: mg/kg, mg/l

**** Samp #	************ Field Code	****** TRPHC	******* BENZENE	******** TOLUENE	******** ETHYL BENZENE	******** PARA- XYLENE	******** META- XYLENE	**************************************	****** MTBE
1	Sample 1	21.0	<0.001	<0.001	<0.001	<0.001	<0.001	0.005	<0.001
Q A	C Recovery C Spike ccuracy ir Blank	396.5 405.9 97.7%	1.956 2.026 96.5% <0.001	2.034 2.038 99.8% <0.001	2.084 2.062 101.1% <0.001	2.014 2.021 99.7% <0.001	2.116 2.093 101.1% <0.001	2.204 2.110 104.4% <0.001	1.891 1.713 110.4 <0.001

Methods - AUTOMATED HEADSPACE GC; INFRARED SPECTROSCOPY - EPA SW-846; EPA METHODS 8020, 418.1, 3540 OR 3510

Michael R. Fowler

Background TPH 21



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

### TCLP ANALYSIS REPORT

Date: 8/31/93 Lab#: H1332-1

Company: EPI
Address: P.O. Box 969
City, State: Eunice, NM 88231

Project Name:
Project Location: Sec 14 & 15 T22 R37 E Lea County
Sampled by: ES
Type of Sample: Soil

Date: 8/23/93
Sample Condition: GIST

Sample ID: Sample 1

### TCLP INORGANICS (Leachate)

PARAMETER	RESULT	<u>UNITS</u>
Arsenic Barium Cadmium Chromium Lead Mercury Selenium Silver	0.007 1.08 <0.005 <0.05 <0.10 0.0004 0.003 0.07	mg/l mg/l mg/l mg/l mg/l mg/l mg/l

METHODS: TCLP INORGANICS (Leachate) - EPA 1311/7000/7060/7471/7740

Michael R. Fowler



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

### CHEMICAL ANALYSIS OF SOIL

Company : City, St.:

EPI

Lab #: H1332

Proj.Name:

P.O. Box 969, Eunice, NM 88231

Date : 6/7/93

Location: Sec. 14 & 15 T22 R37 E Lea County Sample 1: Sample 1

**PARAMETER** 

RESULT (mg/kg) SAMPLE

	1
рН	8.48
Hardness (CaCO3)	538
Calcium (CaCO <sub>3</sub> )	342
Magnesium (CaCO <sub>3</sub> )	196
Nitrate (NO <sub>3</sub> )	10
Sulfate (SO <sub>4</sub> )	61
Chloride (Cl)	49
Ortho Phosphate (PO <sub>4</sub> )	71

Michael R. Fowler

Date

9/2/93

June 20, 2005

OIL CONSERVATION

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

RE: EPI Landfarm Quarterly Samples

Nm-1-013

Mr. Martin:

Enclosed are the quarterly treatment zone samples for EPI Landfarm. Samples were taken at approximately two feet below each cell, and holes backfilled with bentonite.

During the sampling, an inspection was done on the facility, all was in compliance.

If you have any questions, please call.

Sincerely,

Eddie W. Seay, Agent

601 W. Illinois

Hobbs, NM 88242

(505)392-2236

seay04@leaco.net



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

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

Receiving Date: 5/26/2005 Reporting Date: 5/31/2005

Project Number: EPI LAND FARM

Project Name: EPI LAND FARM QUARTERLY

Project Location: EUNICE

Sampling Date: 5/25/2005

Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: NF

Analyzed By: JD

LAB NUMBER	SAMPLE ID	MTBE (mg/kg)	BENZENE (mg/kg)	TOLUENE (mg/kg)	ETHYLBENZENE (mg/kg)	TOTAL XYLENES (mg/kg)
ANALYSIS DA	TE:	5/31/05	5/31/05	5/31/05	5/31/05	5/31/05
H9822-1	CELL #1	<.002	<.002	<.002	<.002	<.006
H9822-2	CELL #2	<.002	<.002	<.002	<.002	<.006
H9822-3	CELL #3	<.002	<.002	<.002	<.002	<.006
H9822-4	CELL #4	<.002	<.002	<.002	<.002	<.006
H9822-5	CELL #5	<.002	<.002	<.002	<.002	<.006
H9822-6	CELL #6	<.002	<.002	<.002	<.002	<.006
H9822-7	CELL #7	<.002	<.002	<.002	<.002	<.006
H9822-8	CELL #8	<.002	<.002	<.002	<.002	<.006
H9822-9	CELL #9	<.002	<.002	<.002	<.002	<.006
H9822-10	CELL #10	<.002	<.002	<.002	<.002	<.006
H9822-11	CELL #11	<.002	<.002	<.002	<.002	<.006
H9822-12	CELL #12	<.002	<.002	<.002	<.002	<.006
H9822-13	CELL #13	<.002	<.002	<.002	<.002	<.006
Quality Control		0.101	0.098	0.094	0.094	0.274
True Value QC		0.100	0.100	0.100	0.100	0.300
% Recovery		101	98	94	94	91.3
Relative Perce	nt Difference	5	0	1	2.1	1.7

**METHODS:** 

EPA - SW 846-8021B, 5030B; Gas Chromatography

chemist

Date





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: (505) 392-6949

Receiving Date: 05/26/05
Reporting Date: 06/04/05
Project Owner: C. BETTIS
Project Name: FRI LANDEARA

Project Name: EPI LANDFARM Project Location: EUNICE, NM

Sampling Date: 05/25/05 Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: NF

Analyzed By: BC

<b>,</b> -	,
$(C_6-C$	$(>C_{10}-C_{28})$

ANALYSIS D	ATE:	06/03/05	06/03/05
H9822-1	CELL 1	<10.0	<10.0
H9822-2	CELL 2	<10.0	<10.0
H9822-3	CELL 3	<10.0	<10.0
H9822-4	CELL 4	<10.0	<10.0
H9822-5	CELL 5	<10.0	<10.0
H9822-6	CELL 6	<10.0	<10.0
H9822-7	CELL 7	<10.0	<10.0
H9822-8	CELL 8	<10.0	<10.0
H9822-9	CELL 9	<10.0	<10.0
H9822-10	CELL 10	<10.0	<10.0
H9822-11	CELL 11	<10.0	<10.0
H9822-12	CELL 12	<10.0	<10.0
H9822-13	CELL 13	<10.0	<10.0
Quality Contr	ol .	798	746
True Value Q		800	800
% Recovery		99.7	93.3
Relative Perc	ent Difference	0.8	<0.1

METHOD: SW-846 8015 M

Bury ex La Corhe

Date

H9822.XLS

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

	101 East Marland, Hobbs, NM 88240
A ARDINAL LABORATORIES, INC.	2111 Beechwood, Abilene, TX 79603

2	2111 Beechwood, Abilene, TX 79603 (325) 673-7001 Fax (325) 673-7020	i3    101 East Marland, Hobbs, NM  88240 20    (505) 393-2326 Fax (505) 393-2476	obbs, NM 88240 505) 393-2476					Page 1 of Z
Company Name: Eddie)	See Consultin		B	BILL TO		,	ANALYSIS REQUEST	JEST
Project Manager: Edd . 2	-		P.O. #:					
Address: (6)	Thinsie		Сопрапу:					
city: Dolopes	State: NW	ZID: 88242	Attn:	-				
Phone #: 2.2.36	Fax#:		Address:		;			
Project #: EPI Land	Project Owner:	P. Battice	City:	<b>g</b> /		(3		
Project Name: EP	F Brookel		State:	Zlp:		S'C		
Project Location: Cunic			Phone #:			8		
mpler Name: E.L.	Sol		Fax #:			 )		
ı	/	MATRIX	PRESERV.	SAMPLING				
Lab I.D.	Sample I.D.	(G)(A) OR (C)OMP.  # CONTAINERS GROUNDWATER WASTEWATER SOIL SOIL	OTHER: OTHER: CLUDIBASE: OTHER:	DATE	TIME	BIEK		· · ·
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LTANSE ROVIET, LEADING BILV DERINGEN, CABINERS I REZUMENT BILL VIETNE SEXLUSIVE BRITCHES AND UND VARIETIEST AN PRINÇUSE. A'S) Châtres Producing Drove for regisperate and any other cause whichoows abuse by desired underso	PLEASE NOTE: Liability and confidence and an until a secure when some why want along when the property of confidence and an until a secure of the property of	mnetter Joseph (Johnstof of Act, shall be illnifed to the anount paid by the client for the above his chart of the client for the above his white and received by Cartis, shall be illnifed to the applicable as inferruptions, has of thes, of hose of profits fortured by client, its autoidaries,	ninted to the amount paid 130 days after completion of the I Incurred by client, its subsidia	by the client for the he applicable ries,	•	30 days past due a	leans and Conditions: interest will be clied be up 30 days past due at the rate of 24% per annum from and all costs of collections, including attorney's fees.	terms and continuous, illustration will be cliabaculor in accounts into their 30 days past due at the rate of 24% per annum from the original date of invoice, and all costs of collections, including attorney's fees.
affidies or successors arising out of or related to the performance of services hereunder by Cerdinal, regardees of whether such claim is based upon any of the above stated reasons or otherwise.	ormance of services hereunder by Cardinal, regardless of v	mether such claim is based upon any of the a	bove stated rescons or othery					
Sampler Relinquished:	Date: S/26	Received By:			Phone Result:	\$ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	22	
	J				FAX RESUIT.	]	200	

Received By, (La Time: /9:25 Time: Sampler - UPS - Bus - Other: Delivered By: (Circle One)

† Cardinal cannot accept verbal changes. Please fax written changes to (325) 673-7020.

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

	TX 79603 101 East Marland, Hobbs, NM 88240
A ARDINAL LABORATORIES, INC.	2111 Beechwood, Abilene, TX 79603

	2111 Beechwood, Abilene, TX (325) 673-7001 Fax (325) 67	11 Beechwood, Abilene, TX 79603 (325) 673-7001 Fax (325) 673-7020		101 East Marland, Hobbs, NM 88240 (505) 393-2326 Fax (505) 393-2476	ibs, NM 8824 (5) 393-2476				•	Page	Ň
Company Name:	50000	Str. Xr.	ع		4	BILL TO		AN	ANALYSIS	REQUEST	
Project Manager:					P.O. #:				-		_
Address:					Company:						
City:		State:	Zlp:		Attn:	4,			<del></del>		
Phone #:		Fax#:			Address:	S					
Project #: EPI	Candfam	Project Owner:	-		City:	-		<u>(</u> 2			·
Project Name:					State:	Zlb:		10,			
Project Location:					Phone #:		   	2	•		
ampler Name:	1 / 1 / 1 / 1 / 1 / 1 / 1 / 1 / 1 / 1 /				Fax #:						· ·
FOR LAB USE ONLY				MATRIX	PRESERV.	SAMPLING	LING				
Lab I.D.	Sample I.D.		GRAPOR (C)OMP. CONTRINERS	SOIL SOIL SOIL SOIL SOIL SOIL SOIL SOIL	CE / COOL	DATE	E E	HOT X376			
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PLEASE NOTE: Liability and Dagger analyzes. All claims including those	PLEASE NOTE: Labbity and Damages, Cardinal's lability and client's exclusive remedy for any claim arising whether based in contract or text, shall be limited to the amount paid by the client makes to the projected and any other cause whethere will be deemed without where make in the highest by Cardinal within 30 days after connection of the applicable	emedy for any claim arising	whether based in consider by	ansing whether based in contract of tort, shall be limited to the amount paid by the client for the unless made is writto and received by Cardwal within 30 days after correlation of the applicable	ited to the amount paid	i by the client for the		Terms and Conditions: Interest will be charged on all accounts more 30 days past due at the rate of 24% per annum from the original day	Interest will b	charged on all acc er annum from the	ounts mor
service. In no event shall Cardinal affisites or successors entiring out	service. In no event shall Cardinal be liabbe for incidental or consequental denages, holading without limitation, bushess interruptore, loss of use, or loss or profits incurred by client, its subsidies as all subsections are all the subsections and the subsection of services her eurober by Cardinal, regardless of whether such dalm is based upon any of the above stated reasons or otherwise.	studing without limitation, busing fer by Cardinal, regardese of a	as interruptions, loss o rhether such claim is b	if use, or loss of profits in: ased upon any of the above	urred by client, its subside estated rescons or other	leries, Wise,		and all costs of collections, including attorney's fees.	ons, including a	ttorney's fees.	
Sampler Relinquished:		Date: C/5C	Received By:	2			Phone Result:	C Yes	<b>2</b>		

Checked By: (Infitals) Sample Condition
Temp, °C Intact?
Temp, °C | Ves Time: Sampler - UPS - Bus - Other: Delivered By: (Circle One)

Received By: Kap Staff

20:07

Date:

Relinquished By:

Time:

Yes

Phone Result: Fax Result: REMARKS:

† Cardinal cannot accept verbal changes. Please fax written changes to (325) 673-7020.

March 3, 2005

DECEMPTED

CIT COTTON (NATION)

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

RE: EPI Landfarm Quarterly Test

Mr. Martin:

Attached are the treatment zone samples from EPI Landfarm. Samples were taken at a depth of two feet below cell area, and sample holes backfilled with bentonite. All landfarm area appears to be in compliance.

RECEIVED

MAR 0 7 2005

Nm-1-013

If you have any questions, please call.

Sincerely,

Eddie W. Seay, Agent

Eldin me Sea

601 W. Illinois

Hobbs, NM 88242

(505)392-2236



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: (505) 392-6949

Receiving Date: 02/23/05 Reporting Date: 02/28/05 Project Owner: C. BETTIS Project Name: EPI LANDFARM Project Location: EUNICE, NM Sampling Date: 02/23/05 Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: GP

Analyzed By: BC

·	GRO	DRO	*	٠,	ETHYL	TOTAL
LAB NUMBER SAMPLE ID	$(C_6-C_{10})$	(>C <sub>10</sub> -C <sub>28</sub> )	BENZENE	TOLUENE	BENZENE	XYLENES
	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)
ANALYSIS DATE:	02/24/05	02/24/05	02/24/05	02/24/05	02/24/05	02/24/05
H9579-1 CELL 1	<10.0	21.7	<0.010	0.019	0.013	<0.030
H9579-2 CELL 2	<10.0	<10.0	<0.010	0.012	<0.010	<0.030
H9579-3 CELL 3	<10.0	<10.0	<0.010	0.020	<0.010	<0.030
H9579-4 CELL 4	<10.0	<10.0	0.011	0.030	0.013	<0.030
H9579-5 CELL 5	<10.0	<10.0	0.018	<0.010	0.019	<0.030
H9579-6 CELL 6	<10.0	<10.0	<0.010	<0.010	<0.010	<0.030
H9579-7 CELL 7	<10.0	<10.0	<0.010	<0.010	<0.010	<0.030
H9579-8 CELL 8	<10.0	<10.0	<0.010	0.019	<0.010	<0.030
H9579-9 CELL 9	<10.0	<10.0	<0.010	0.013	<0.010	<0.030
H9579-10 CELL 10	<10.0	<10.0	<0.010	<0.010	<0.010	<0.030
H9579-11 CELL 11	<10.0	<10.0	<0.010	0.011	<0.010	<0.030
H9579-12 CELL 12	<10.0	<10.0	<0.010	0.022	<0.010	<0.030
H9579-13 CELL 13	<10.0	<10.0	0.013	0.048	0.015	<0.030
Quality Control	783	779	0.095	. 0.090	0.099	0.310
True Value QC	800	800	0.100	0.100	0.100	0.300
% Recovery	97.9	97.4	94.8	89.6	99.3	103.0
Relative Percent Difference	1.9	2.1	2.0	6.4	0.3	2.0

METHODS: TPH GRO & DRO - EPA SW-846 8015 M; BTEX - SW-846 8260.

Burgess J. A. Cooke. Ph. D.

Date

H9579.XLS

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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			REMARKS:								Time:/, A9		
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	PIE	TPH	TIME	DATE	ICE / COOL OTHER:	OTHER :	OIL SLUDGE	WASTEWATER SOIL	GROUNDWATER	(C)RABOR (C)OMF # CONTAINERS	Sample I.D.	San	Lab I.D.
			PLING	SAMPI	PRESERV.	-	MATRIX	**************************************		· _	/		FOR LAB USE ONLY
		[2				Fax #:			1	-		Jane So	Sampler Name:
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					*	P.O.					Saber	Eddie	Project Manager:
SIS REQUEST	ANALYSIS			B/LL TO						1	(Onsidting)	Eddie So	Company Name: ]
Page of C	,				(505) 393-2326 Fax (505) 393-2476	05) 393	(505) 393-2326 Fax (505) 393-2476	Maria: 3-2326	)5) 39:		(325) 673-7001 Fax (325) 673-7020	(325)	
3						<u> </u>	į. [		ח	-	LABORATORIES, INC.	ARDINAL LAB	A A

<sup>†</sup> Cardinal cannot accept verbal changes. Please fax written changes to (325) 673-7020.

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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ARDINAL LABORATORIES, INC.	2111 Beechwood, Abilene, TX 79603 10	7/

	2111 Beechwood, Abilene, TX 79603	e, TX 79603	101	East	Mai	dand to the	유 .	sqq	¥ Š	101 East Marland, Hobbs, NM 88240	240								Page /	رً
Company Name:	(25) 613-1001 Fax (32						1					ALL TO				ANA	YSIS	ANALYSIS REQUEST	JEST	
Project Manager:		200	*					ø.	P.O. #:					L						<u> </u>
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FOR LAB USE ONLY		_	L	L		MATRIX	×		Ē	PRESERV	₹.	SAMPLING	LING							
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PLEASE NOTE: Liability and Damages, Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims include those for neglegance and any other cause whethere shall be deemed waked unless made in writing and received by Cardinal whiteh 30 days after competition of the applicable service. In no event shall cardinal be liable for incidental or consequental damages, including without limitation, bushiness transplace, loss of use, or loss of profits incurred by client, its subsidienties,

Terms and Conditions: Interest will be charged on all accounts more than 30 days past due at the rate of 24% per annum from the original date of invoice, and all costs of collections, including attomet's fees.

☐ Yes ☐ No	□ Yes □ No					
Phone Result:	Fax Result:	REMARKS:				
Received By:	Y		Received By: (Lab Staff)	m Kenlett	Sample Condition Checked Temp. 4C Intact? By:	Yes (initials)
	27.4	Time: 150	ly:	Time; 35	Delivered By: (Circle One)	Sample - UPS - Bus - Other:
ampler Relinguished	Ś		elinquished By:		Delivered By	ample - UPS

† Cardinal cannot accept verbal changes. Please fax written changes to (325) 673-7020.

RECEIVED

November 15, 2004

NCV 1 8 2004 OIL CONSERVATION DIVISION

NW-1-0013

NMOCD Environmental ATTN: Ed Martin P.O. Box 6429 1220 S. Saint Francis Drive Santa Fe, NM 87504

RE: EPI Landfarm

Yearly Treatment Zone Test

Mr. Martin:

As permit requires, find yearly treatment zone tests for EPI Landfarm. Samples were taken at approximately two feet in depth. Sample holes were backfilled with bentonite.

If you have any questions, please call.

Sincerely,

Eddie W. Seay, Agent

601 W. Illinois

Hobbs, NM 88242

(505)392-2236





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: (505) 392-6949

Receiving Date: 11/05/04
Reporting Date: 11/11/04
Project Owner: C. BETTIS

Project Name: EPI LANDFARM Project Location: EUNICE, NM

Sampling Date: 11/05/04 Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: AH

Analyzed By: AH

### **TCLP METALS**

SAMPLE ID	As	Ag	, Ba	Cd	Cr	Pb	, Hg	Se
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	44/40/04	44/0/04	44/0/04	4410104	4410104	4410104	44/0/04	44/44/04
				11/9/04				11/11/04
•	5	5	100	1	5	5	0.2	1
CELL 1	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
CELL 2	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
CELL 3	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
CELL 4	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
CELL 5	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
CELL 6	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
CELL 7	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
CELL 8	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
CELL 9	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
CELL 10	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
CELL 11	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
CELL 12	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
CELL 13	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
rol	0.051	4.928	23.58	1.113	4.857	5.339	0.0100	0.053
QC O	0.050	5.000	25.00	1.000	5.000	5.000	0.0100	0.050
	102	98.6	94.3	111	97.1	107	101	106
ndard Deviation	0.8	0.6	5.6	2.6	3.4	1.8	1.0	1.4
EPA 1311 600/4-91	206.2	272 1	208.1	213 1	218 1	239 1	245 1	270.2
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Chemist / Lill

Date Date

H9323
PLEASE NOTE: Liability and Dameges. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses.
All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.

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ADINAL LABORATORIES, INC.

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City: Hallas	State:	State: N Zip: 8342	EN P	Attny					
e# 2-71	36			Address					<u></u> .
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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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† Cardinal cannot accept verbal changes. Please fax written changes to 915-873-7020.

October 11, 2004

RECEITO

COT 1 & 2004

OIL CONSERVE FOR

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

RE: EPI Landfarm Re-sample

NM-1-13

Mr. Martin:

Find within the analytical for the re-sampling of cells 9 and 10 for EPI Landfarm. Samples were taken at a depth of three feet, and holes backfilled with bentonite.

As hard as you try, some material must have fallen in hole from earlier sample.

I hope this will meet with your approval. If you have any questions, please call.

Thanks,

Eddie W. Seay, Agent

601 W. Illinois

Hobbs, NM 88242

(505)392-2236

seay04@leaco.net





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

ANALYTICAL RESULTS FOR EDDIE SEAY CONSULTING ATTN: EDDIE SEAY 601 W. ILLINOIS HOBBS, NM 88240

FAX TO:

Receiving Date: 09/08/04 Reporting Date: 10/04/04 Project Owner: C. BETTIS

Project Name: EPI LANDFARM Project Location: EUNICE, NM

Sampling Date: 09/08/04 Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: GP

Analyzed By: GP.

		GRO	DRO
		$(C_6-C_{10})$	(>C <sub>10</sub> -C <sub>28</sub> )
LAB NUMBER	SAMPLE ID	(mg/Kg)	(mg/Kg)

ANALYSIS DATE:	09/11/04	09/11/04
H9133-1 CELL 9	<20	<20
H9133-2 CELL 10	<20	<20
		-
Quality Control	282	240
True Value QC	270	230
% Recovery	105	104
Relative Percent Difference	5.3	8.8

METHOD: SW-846 8015 M

Chemist Yelf Madhy

H9133A.XLS

2111 Beechwood, Abiler (915) 673-7001 Fax (9 any Name: Eddie t Manager: Eddie t Manager: Eddie state: Mazie: #: 392-7236  #: 392-7236  #: 392-7236  #: 392-7236  #: 1 Project Owner: t Name: EP2 Loud Owner: t Name: EP2 Loud Owner:	TDH (	DATE TIME	G) PAR OR (C) OMP F CONTAINERS GROUNDWATER WASTEWATER SOIL DIL SLUDGE DTHER: ACID: CE/COOL DTHER:	LAB I.D. Sample I.D.
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  ANALYSIS REQUEST  Fax #: 72 3 6		SAMPLING	MATRIX	FOR LABUSE ONLY
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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  pany Name: Edd Company:  ess: Lot Company:    Abbos State: Ny Zip: State: Ny Z			City:	ax #:
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		lobbs, NM 88240		2111 Beechwood, A

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PLEASE NOTE: LIABITY AND DAMAGES. CATURATS IBDITY and SHARK'S exclusive remedy for any claim inising whether based in contract or not, shall be finited to the amount paid by the client for the angular statement of the significance and any other cause whatsoever shall be deemed watved unless made in writing and received by Cardinal within 30 days after combiletion of the significance.	lent's exclusive remedy for an	ly claim finising whether based in contract or lort, shall be limit semed wälved unless made in writing and received by Candna	I to the amount paid by the client for the Terms and Conditions: thereest will be charged on all accounts more than within 30 days past due at the rate of 24% per annum from the original date of invoice,
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(Misses or successors stricing out of or related to the performance of services hersurder by Cardinal, regardess of whether such columns to send upon any of the above stated ressons or otherwise. Sampler Relinquished: Phone Result ロ Yes	Date: O	ardinal, regardess of whether such claim is based upon any or Received By:	Phone Result 🗇 Yes 💢 No Additional Fax #:
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	Time: /	SARCL	
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Sampler - UPS - Bus - Other:		X Yes X Yes	

† Cardinal cannot accept verbal changes. Please fax written changes to 915-673-7020.

RECEIVED

September 3, 2004

SEP 0 9 2004

OIL CONSERVATION

LIVISION

the state of the

**NMOCD** Environmental

ATTN: Ed Martin

Box 6429

1220 S. Saint Francis Drive

Santa Fe, NM 87504

Nm-1-0013

RE: EPI Landfarm

**Quarterly Treatment Zone Test** 

Mr. Martin:

The test for the quarterly treatment zone is attached. Samples were taken at approximately two feet in depth, and holes backfilled with bentonite. Also, an inspection of the facility was conducted during sampling, and all was in compliance.

It appears that cell 9 and 10 are above limit for TPH. I am going to resample at a three foot depth as permit requires. I will send results of test.

If you have any questions, please call.

Thanks,

Eddie W. Seay, Agent

601 W. Illinois

Hobbs, NM 88242

(505)392-2236



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: 08/25/04 Reporting Date: 08/30/04 Project Owner: C. BETTIS Sampling Date: 08/25/04 Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: GP - Analyzed-By:- BC

Project Name: EPI LANDFARM Project Location: EUNICE, NM

TOTAL **GRO** DRO ETHYL LAB NUMBER SAMPLE ID BENZENE TOLUENE BENZENE XYLENES  $(C_6-C_{10})$  $(>C_{10}-C_{28})$ (mg/Kg) (mg/Kg) (mg/Kg) (mg/Kg) (mg/Kg) (mg/Kg) ANALYSIS DATE: 08/26/04 08/26/04 08/28/04 08/28/04 08/28/04 08/28/04 H9073-1 CELL 1 26.6 <0.005 <0.005 <0.005 <0.015 <10.0 H9073-2 CELL 2 <10.0 <10.0 <0.005 <0.005 <0.005 <0.015 H9073-3 CELL 3 <10.0 <10.0 <0.005 <0.005 <0.005 <0.015 <0.005 <0.005 <0.005 H9073-4 CELL 4 <10.0 <10.0 <0.015 H9073-5 CELL 5 <10.0 <10.0 < 0.005 < 0.005 < 0.005 < 0.015 < 0.005 <0.005 H9073-6 CELL 6 <10.0 <10.0 < 0.005 < 0.015 H9073-7 -- , CELL 7 <10.0 <10.0 < 0.005 ---<0.005 < 0.005 < 0.015 H9073-8 CELL 8 <10.0 <10.0 < 0.005 <0:005 < 0.005 <0.015 H9073-9 CELL 9 <10.0 2840 < 0.005 <0.005 <0.005 < 0.015 H9073-10 CELL 10 <10.0 977 < 0.005 < 0.005 < 0.005 < 0.015 CELL 11 <10.0 57.5 < 0.005 <0.005 <0.005 < 0.015 H9073-11 H9073-12 CELL 12 <10.0 13.9 < 0.005 < 0.005 < 0.005 <0.015 H9073-13 CELL 13 <10.0 <10.0 <0.005 <0.005 <0.005 < 0.015 0.097 **Quality Control** 779 777 0.091 0.091 0.275 True Value QC 800 800 0.100 0.100 0.100 0.300 % Recovery 97.4 97.1 97.0 91.3 91.4 91.8 Relative Percent Difference 4.1 1.4 0.9 2.0 2.4 4.0

METHODS: TPH GRO & DRO - EPA SW-846 8015 M; BTEX - SW-846 8260.

H9073.XLS

(915) 673-7001 Fax (915) 673-7020 (505) 393-2326 Fax (505) 393-2476	2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240	ARDINAL LABORATORIES, INC.
305) 393-2326 Fax (505) 393-2476	01 East Mariand, Hobbs, NM 88240	
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page of 2	•	)5, NM 88240	1605) 303-3336 Fav (505) 303-3478	_	ene, TX 796 (915) 673.70	2111 Beechwood, Abilene, TX 79603	

### RECTIVED

JUN 0 1 2004

OIL CONSERVATION DEVISION

May 27, 2004

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

RE: EPI Landfarm

**Quarterly Sampling** 

Mrs. Kieling:

Within are the quarterly treatment zone samples for the various cells at EPI Landfarm. Samples were taken at a depth of approximately two feet. The sample holes were filled with bentonite. An inspection was conducted of the facility during sampling, and all was in compliance.

If you have any questions, please call.

ldie W Sea

Sincerely,

Eddie W. Seay, Agent

601 W. Illinois

Hobbs, NM 88242

(505)392-2236



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: 05/20/04
Reporting Date: 05/26/04
Project Owner: C. BETTIS
Project Name: EPI LANDFARM

Project Location: EUNICE, NM

Sampling Date: 05/20/04 Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: HM

Analyzed By: BC

LAB NUMBER	SAMPLE ID	GRO (C <sub>6</sub> -C <sub>10</sub> ) (mg/Kg)	DRO (>C <sub>10</sub> -C <sub>28</sub> ) (mg/Kg)	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS DAT	TE:	05/21/04	05/21/04	05/25/04	05/25/04	05/25/04	05/25/04
H8721-1	CELL 1	<10.0	<10.0	<0.005	0.012	<0.005	<0.015
H8721-2	CELL 2	<10.0	<10.0	<0.005	0.007	< 0.005	<0.015
H8721-3	CELL 3	<10.0	<10.0	<0.005	0.005	< 0.005	<0.015
H8721-4	CELL 4	<10.0	<10.0	<0.005	0.006	<0.005	<0.015
H8721-5	CELL 5	<10.0	<10.0	<0.005	0.012	<0.005	<0.015
H8721-6	CELL 6	<10.0	<10.0	<0.005	<0.005	< 0.005	<0.015
H8721-7	CELL 7	<10.0	<10.0	<0.005	0.014	<0.005	<0.015
H8721-8	CELL 8	<10.0	<10.0	<0.005	0.007	<0.005	<0.015
H8721-9	CELL 9	<10.0	<10.0	<0.005	0.008	<0.005	<0.015
H8721-10	CELL 10	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
H8721-11	CELL 11	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
H8721-12	CELL 12	<10.0	<10.0	<0.005	0.009	< 0.005	<0.015
H8721-13	CELL 13	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
<b>Quality Control</b>		794	752	0.099	0.093	0.087	0.258
True Value QC		800	800	0.100	0.100	0.100	0.300
% Recovery		99.2	94.0	98.7	92.9	86.6	86.1
Relative Percer	nt Difference	7.6	1.9	4.2	6.3	3.0	1.7

METHODS: TPH GRO & DRO - EPA SW-846 8015 M; BTEX - SW-846 8260.

Burgess J. A. Cooke. Ph. D.

Date

H8721.XLS

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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								ARDINAL LABORATORIES, INC.	RDINAL LABO	S A

† Cardinal cannot accept verbal changes. Please fax written changes to (915) 673-7020.

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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	)			And Control of the Later And Books		ARDINAL LABORATORIES, INC.	DAA

March 16, 2004

### RECEIVED

MAR 2 3 20U4

OIL CONSERVATION DIVISION

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

RE: EPI Landfarm Quarterly Sampling

Mrs. Kieling:

Find within the quarterly treatment zone sampling for EPI Landfarm. Samples were taken at approximately two feet below cell lift. The sample holes were filled with bentonite. An inspection was conducted of the facility during sampling, all was in compliance.

If you have any questions, please call.

Sincerely,

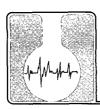
Eddie W. Seay, Agent

Eddin W. San

601 W. Illinois

Hobbs, NM 88242

(505)392-2236



### **ASSAIGAI ANALYTICAL** LABORATORIES, INC.

4301 Masthead NE • Albuquerque, New Mexico 87109 • (505) 345-8964 • FAX (505) 345-7259

3332 Wedgewood, Ste. N • El Paso, Texas 79925 • (915) 593-6000 • FAX (915) 593-7820 127 Eastgate Drive, 212-C • Los Alamos, New Mexico 87544 • (505) 662-2558 Explanation of codes

analyte detected in Method Blank Ε result is estimated н analyzed out of hold time N tentatively identified compound S subcontracted 1-9 see footnote

STANDARD

**EDDIE SEAY CONSULTING** attn: EDDIE SEAY 601 W. ILLINOIS **HOBBS** 

NM 88242

Assaigai Analytical Laboratories, Inc.

### Certificate of Analysis

Client:

**EDDIE SEAY CONSULTING** 

Project:

**EPI LANDFARM** 

Order:

0402403

EDD01

Receipt:

02-18-04

Toluene

SW846 ME/8015A Diesel Range Organics by GC/FID

Sample: Matrix:

CELL 1

S

Collected: 02-16-04 13:00:00 By:

**Dilution Detection** Prep Run **Run Sequence QC Group** CAS# Analyte Result Units Factor Limit Code Date Date 0402403-11A SW846 5030A/8015A GRO by GC/FID By: JDR X04104 XG 2004.308 5 Gasoline Range Organics ND mg / Kg 1 0.25 02-20-04 02-20-04 **JDR** 0402403-11A SW846 5030A/8021B Purgeable VOCs by GC/PID By: X0468 XG.2004.319.3 71-43-2 Benzene ND mg / Kg 0.005 02-23-04 02-23-04 XG.2004.319.3 100-41-4 Ethylbenzene ND 0.005 02-23-04 X0468 mg / Kg 1 02-23-04 X0468 XG.2004.319.3 95-47-6 o-Xylene ND mg / Kg 1 0.005 02-23-04 02-23-04 108-38-XG.2004.319.3 X0468 p/m-Xylenes ND mg / Kg 1 0.01 02-23-04 02-23-04 3/106-42

0402403-11A X0450

XG.2004.322.4

XG.2004.319.3

108-88-3

Diesel Range Organics

ND

mg / Kg Collected: 02-16-04 13:30:00 By:

mg / Kg

Sample: Matrix:

X0468

S

CELL 2

						Dilution	Detection		•	Run
QC Group	Run Sequence	CAS#	Analyte	Result	Units	Factor	Limit	Code	Date	Date
0402403-12A		SW846 5030	A/8015A GRO by GC/FID				Ву:	JDR		
X04104	XG.2004.308.8		Gasoline Range Organics	ND	mg / Kg	1	0.25		02-20-04	02-20-04
0402403-12A		SW846 5030	A/8021B Purgeable VOCs by GC	PID			Ву:	JDR		
X0468	XG.2004.319.4	71-43-2	Benzene	ND	mg / Kg	1	0.005		02-23-04	02-23-04
X0468	XG.2004.319.4	100-41-4	Ethylbenzene	ND	mg / Kg	1	0.005		02-23-04	02-23-04
X0468	XG.2004.319.4	95-47-6	o-Xvlene	ND	ma / Ka	1	0.005		02-23-04	02-23-04



SQLCoyote: Reports

1.0.0402241300XX

Report Date

0.005

25

By:

**JDR** 

2/27/2004 1:20:54 PM

02-23-04 02-23-04

02-23-04 02-23-04

Client:

**EDDIE SEAY CONSULTING** 

Project:

**EPI LANDFARM** 

Order: 0402403

S

EDD01

Receipt:

02-18-04

Sample: Matrix:

CELL 2

Collected: 02-16-04 13:30:00 By: ES

QC Group	Run Sequence	CAS#	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	•	Run Date
0402403-12A		SW846 5030A	V8021B Purgeable VOCs by G	C/PID			By:	JDR		
X0468	XG.2004.319.4	108-38- 3/106-42	p/m-Xylenes	ND	mg / Kg	1	0.01		02-23-04	02-23-04
X0468	XG.2004.319.4	108-88-3	Toluene	ND	mg / Kg	1	0.005		02-23-04	02-23-04
0402403-12A		SW846 ME/80	015A Diesel Range Organics I	by GC/FID			Ву:	JDR		
X0450	XG.2004.322.5		Diesel Range Organics	ND	mg / Kg	1	25		02-23-04	02-23-04

Sample: Matrix:

CELL 3

Collected: 02-16-04 13:45:00 By: ES

**Dilution Detection** Prep Run CAS# Analyte Result Units **QC Group** Run Sequence **Factor** Limit Code Date Date 0402403-13A SW846 5030A/8015A GRO by GC/FID By: JDR Gasoline Range Organics XG.2004.308.9 X04104 ND 0.25 02-20-04 02-20-04 mg / Kg 1 **JDR** SW846 5030A/8021B Purgeable VOCs by GC/PID Ву: 0402403-13A X0468 XG.2004.319.5 71-43-2 Benzene ND mg / Kg 0.005 02-23-04 02-23-04 100-41-4 X0468 XG.2004.319.5 Ethylbenzene ND 0.005 02-23-04 02-23-04 mg / Kg 1 95-47-6 X0468 XG.2004.319.5 o-Xylene ND mg / Kg 1 0.005 02-23-04 02-23-04 108-38-X0468 XG.2004.319.5 p/m-Xylenes ND 1 0.01 02-23-04 02-23-04 mg / Kg 3/106-42 108-88-3 X0468 XG.2004.319.5 Toluene ND mg / Kg 0.005 02-23-04 02-23-04 SW846 ME/8015A Diesel Range Organics by GC/FID JDR 0402403-13A By: X0450 XG.2004.322.6 **Diesel Range Organics** ND mg / Kg 25 02-23-04 02-23-04

Sample:

CELL 4

Collected: 02-16-04 14:10:00 By: ES

Matrix: S

						Dilution	Detection		Prep	Run
QC Group	Run Sequence	CAS#	Analyte	Result	Units	Factor	Limit	Code	Date	Date
0402403-14A		SW846 5030	A/8015A GRO by GC/FID				Ву:	JDR		
X04104	XG.2004.308.10		Gasoline Range Organics	ND	mg / Kg	1	0.25		02-20-04	02-20-04
0402403-14A		SW846 5030	A/8021B Purgeable VOCs by G0	PID			Ву:	JDR		
X0468	XG.2004.319.6	71-43-2	Benzene	ND	mg / Kg	1	0.005		02-23-04	02-23-04
X0468	XG.2004.319.6	100-41-4	Ethylbenzene	ND	mg / Kg	1	0.005		02-23-04	02-23-04
X0468	XG.2004.319.6	95-47-6	o-Xylene	ND	mg / Kg	1	0.005		02-23-04	02-23-04
X0468	XG.2004.319.6	108-38- 3/106-42	p/m-Xylenes	ND	mg / Kg	1	0.01		02-23-04	02-23-04
X0468	XG.2004.319.6	108-88-3	Toluene	ND	mg / Kg	1	0.005		02-23-04	02-23-04
0402403-14A		SW846 ME/8	015A Diesel Range Organics b	y GC/FID			Ву:	JDR		
X0450	XG.2004.322.7		Diesel Range Organics	ND	mg / Kg	1	25		02-23-04	02-23-04

### Assaigai Analytical Laboratories, Inc.

### Certificate of Analysis

Client:

**EDDIE SEAY CONSULTING** 

Project:

**EPI LANDFARM** 

Order:

0402403

EDD01

Receipt:

02-18-04

Sample:

CELL 5

Collected: 02-16-04 14:30:00 By: ES

Matrix:

S

QC Group	Run Sequence	CAS#	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
0402403-15A		SW846 5030	A/8015A GRO by GC/FID		*		By:	JDR		
X04104	XG.2004.308.11		Gasoline Range Organics	ND	mg / Kg	1	0.25	JUIN	02-20-04	02-20-04
0402403-15A		SW846 5030	A/8021B Purgeable VOCs by G0	:/PID			By:	JDR		
X0468	XG.2004.319.7	71-43-2	Benzene	ND	mg / Kg	1	0.005		02-23-04	02-23-04
X0468	XG.2004.319.7	100-41-4	Ethylbenzene	ND	mg / Kg	1	0.005		02-23-04	02-23-04
X0468	XG.2004.319.7	95-47-6	o-Xylene	ND	mg / Kg	1	0.005		02-23-04	02-23-04
X0468	XG.2004.319.7	108-38- 3/106-42	p/m-Xylenes	ND	mg / Kg	1	0.01		02-23-04	02-23-04
X0468	XG.2004.319.7	108-88-3	Toluene	ND	mg / Kg	1	0.005		02-23-04	02-23-04
0402403-15A		SW846 ME/8	015A Diesel Range Organics b	y GC/FID			Ву:	JDR		
X0450	XG.2004.322.8		Diesel Range Organics	ND	mg / Kg	1	25		02-23-04	02-23-04

Sample: Matrix:

CELL 6

S

Collected: 02-16-04 15:00:00 By: ES

QC Group	Run Sequence	CAS#	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	•	Run Date
0402403-16A		SW846 5030	A/8015A GRO by GC/FID				Ву:	JDR		
X04104	XG.2004.321.15		Gasoline Range Organics	ND	mg / Kg	1	0.25		02-23-04	02-23-04
0402403-16A		SW846 5030	A/8021B Purgeable VOCs by GC	:/PID			Ву:	JDR		
X04111	XG.2004.327.9	71-43-2	Benzene	ND	mg / Kg	1	0.005		02-24-04	02-24-04
X04111	XG.2004.327.9	100-41-4	Ethylbenzene	ND	mg / Kg	1	0.005		02-24-04	02-24-04
X04111	XG.2004.327.9	95-47-6	o-Xylene	ND	mg / Kg	1	0.005		02-24-04	02-24-04
X04111	XG.2004.327.9	108-38- 3/106-42	p/m-Xylenes	ND	mg / Kg	1	0.01		02-24-04	02-24-04
X04111	XG.2004.327.9	108-88-3	Toluene	ND	mg / Kg	1	0.005		02-24-04	02-24-04
0402403-16A		SW846 ME/8	015A Diesel Range Organics b	y GC/FID			By:	JDR		
X04107	XG.2004.333.9		Diesel Range Organics	ND	mg / Kg	1	25		02-24-04	02-24-04

Sample:

CELL 7

Matrix: S Collected: 02-16-04 15:20:00 By: ES

QC Group	Run Sequence	CAS#	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
0402403-17A		SW846 5030	A/8015A GRO by GC/FID				Ву:	JDR		
X04104	XG.2004.328.3		Gasoline Range Organics	ND	mg / Kg	1	0.25		02-24-04	02-24-04
0402403-17A		SW846 5030	A/8021B Purgeable VOCs by G	C/PID			Ву:	JDR		
X04111	XG.2004.327.10	71-43-2	Benzene	ND	mg / Kg	1	0.005		02-24-04	02-24-04
X04111	XG.2004.327.10	100-41-4	Ethylbenzene	ND	mg / Kg	1	0.005		02-24-04	02-24-04
X04111	XG.2004.327.10	95-47-6	o-Xylene	ND	mg / Kg	1	0.005		02-24-04	02-24-04
X04111	XG.2004.327.10	108-38- 3/106-42	p/m-Xylenes	ND	mg / Kg	1	0.01		02-24-04	02-24-04

### Assaigai Analytical Laboratories, Inc.

Certificate of Analysis

Client:

**EDDIE SEAY CONSULTING** 

Project:

**EPI LANDFARM** 

Order:

0402403

EDD01

Receipt:

02-18-04

Sample: Matrix:

CELL 7

S

Collected: 02-16-04 15:20:00 By: ES

QC Group	Run Sequence	CAS#	Analyte	Result	Units	Dilution Factor	Detection Limit	Code		Run Date
0402403-17A		SW846 5030	A/8021B Purgeable VOCs by G	C/PID			Ву:	JDR		
X04111	XG.2004.327.10	108-88-3	Toluene	ND	mg / Kg	1	0.005		02-24-04	02-24-04
0402403-17A		SW846 ME/8	015A Diesel Range Organics t	y GC/FID			Ву:	JDR		
X04107	XG.2004.333.10		Diesel Range Organics	ND	mg / Kg	1	25		02-24-04	02-24-04

Sample:

CELL 8

Collected: 02-16-04 15:40:00 By: ES

Matrix: S

QC Group	Run Sequence	CAS#	Analyte	Result	Units	Dilution Factor	Detection Limit	Code		Run Date
0402403-18A		SW846 5030	A/8015A GRO by GC/FID				Ву:	JDR		
X04104	XG.2004.328.4		Gasoline Range Organics	ND	mg / Kg	1	0.25		02-24-04	02-24-04
0402403-18A		SW846 5030	A/8021B Purgeable VOCs by G0	C/PID			Ву:	JDR		
X04111	XG.2004.327.11	71-43-2	Benzene	ND	mg / Kg	1	0.005		02-24-04	02-24-04
X04111	XG.2004.327.11	100-41-4	Ethylbenzene	ND	mg / Kg	1	0.005		02-24-04	02-24-04
X04111	XG.2004.327.11	95-47-6	o-Xylene	ND	mg / Kg	1	0.005		02-24-04	02-24-04
X04111	XG.2004.327.11	108-38- 3/106-42	p/m-Xylenes	ND	mg / Kg	1	0.01		02-24-04	02-24-04
X04111	XG.2004.327.11	108-88-3	Toluene	ND	mg / Kg	1	0.005		02-24-04	02-24-04
0402403-18A		SW846 ME/8	3015A Diesel Range Organics b	y GC/FID			By:	JDR		
X04107	XG.2004.333.11		Diesel Range Organics	ND	mg / Kg	1	25		02-24-04	02-24-04

Sample:

CELL 9

Collected: 02-16-04 16:00:00 By: ES

Matrix: S

QC Group	Run Sequence	CAS#	Analyte	Result	Units	Dilution Factor	Detection Limit	Code		Run Date
0402403-19A		SW846 5030	A/8015A GRO by GC/FID				By:	JDR		
X04104	XG.2004.328.5		Gasoline Range Organics	ND	mg / Kg	1	0.25		02-24-04	02-24-04
0402403-19A		SW846 5030	A/8021B Purgeable VOCs by G0	:/PID			Ву:	JDR		
X04111	XG.2004.334.3	71-43-2	Benzene	ND	mg / Kg	1	0.005		02-25-04	02-25-04
X04111	XG.2004.334.3	100-41-4	Ethylbenzene	ND	mg / Kg	1	0.005		02-25-04	02-25-04
X04111	XG.2004.334.3	95-47-6	o-Xylene	ND	mg / Kg	1	0.005		02-25-04	02-25-04
X04111	XG.2004.334.3	108-38- 3/106-42	p/m-Xylenes	ND	mg / Kg	1	0.01		02-25-04	02-25-04
X04111	XG.2004.334.3	108-88-3	Toluene	ND	mg / Kg	1	0.005		02-25-04	02-25-04
0402403-19A		SW846 ME/8	8015A Diesel Range Organics b	y GC/FID	•		Ву:	JDR		
X04107	XG.2004.333,12		Diesel Range Organics	ND	mg / Kg	1	25		02-24-04	02-24-04



Client:

**EDDIE SEAY CONSULTING** 

Project:

**EPI LANDFARM** 

Order:

0402403

EDD01

Receipt:

02-18-04

Sample:

CELL 10

Collected: 02-16-04 16:30:00 By: ES

Matrix:

S

QC Group	Run Sequence	CAS#	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
0402403-20A		SW846 5030	A/8015A GRO by GC/FID				By:	JDR		
X04104	XG.2004.328.6		Gasoline Range Organics	ND	mg / Kg	1	0.25		02-24-04	02-24-04
0402403-20A		SW846 5030	A/8021B Purgeable VOCs by GC	:/PID			By:	JDR		
X04111	XG.2004.334.4	71-43-2	Benzene	ND	mg / Kg	1	0.005		02-25-04	02-25-04
X04111	XG.2004.334.4	100-41-4	Ethylbenzene	ND	mg / Kg	1	0.005	-	02-25-04	02-25-04
X04111	XG.2004.334.4	95-47-6	o-Xylene	ND	mg / Kg	1	0.005		02-25-04	02-25-04
X04111	XG.2004.334.4	108-38- 3/106-42	p/m-Xylenes	ND	mg / Kg	1	0.01		02-25-04	02-25-04
X04111	XG.2004.334.4	108-88-3	Toluene	ND	mg / Kg	1	0.005		02-25-04	02-25-04
0402403-20A		SW846 ME/8	015A Diesel Range Organics b	y GC/FID			By:	JDR		
X04107	XG.2004.333.15		Diesel Range Organics	ND	mg / Kg	1	25		02-24-04	02-24-04

Sample: Matrix:

CELL 11

S

Collected: 02-16-04 17:00:00 By: ES

QC Group	Run Sequence	CAS#	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
0402403-21A		SW846 5030	A/8015A GRO by GC/FID				By:	JDR		
X04116	XG.2004.329.5		Gasoline Range Organics	ND	mg / Kg	1	0.25		02-24-04	02-24-04
0402403-21A		SW846 5030	A/8021B Purgeable VOCs by GC	:/PID			Ву:	JDR		
X04111	XG.2004.334.5	71-43-2	Benzene	ND	mg / Kg	1	0.005		02-25-04	02-25-04
X04111	XG.2004.334.5	100-41-4	Ethylbenzene	ND	mg / Kg	1	0.005		02-25-04	02-25-04
X04111	XG.2004.334.5	95-47-6	o-Xylene	ND	mg / Kg	1	0.005		02-25-04	02-25-04
X04111	XG.2004.334.5	108-38- 3/106-42	p/m-Xylenes	ND	mg / Kg	1	0.01		02-25-04	02-25-04
X04111	XG.2004.334.5	108-88-3	Toluene	ND	mg / Kg	1	0.005		02-25-04	02-25-04
0402403-21A		SW846 ME/8	3015A Diesel Range Organics b	y GC/FID			Ву:	JDR		
X04107	XG.2004.333.16		Diesel Range Organics	ND	mg / Kg	1	25		02-24-04	02-24-04

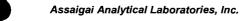
Sample:

CELL 12

Collected: 02-16-04 17:20:00 By: ES

Matrix: S

QC Group	Run Sequence	CAS#	Analyte	Result	Units	Dilution Factor	Detection Limit	Code		Run Date
0402403-22A		SW846 5030	A/8015A GRO by GC/FID				Ву:	JDR		
X04116	XG.2004.329.8		Gasoline Range Organics	ND	mg / Kg	1	0.25		02-24-04	02-24-04
0402403-22A		SW846 5030	A/8021B Purgeable VOCs by G	C/PID			Ву:	JDR		
X04111	XG.2004.334.6	71-43-2	Benzene	ND	mg / Kg	1	0.005		02-25-04	02-25-04
X04111	XG.2004.334.6	100-41-4	Ethylbenzene	ND	mg / Kg	1	0.005		02-25-04	02-25-04
X04111	XG.2004.334.6	95-47-6	o-Xylene	ND	mg / Kg	1	0.005		02-25-04	02-25-04
X04111	XG.2004.334.6	108-38- 3/106-42	p/m-Xylenes	ND	mg / Kg	1	0.01		02-25-04	02-25-04



### Certificate of Analysis

Client:

**EDDIE SEAY CONSULTING** 

Project:

**EPI LANDFARM** 

Order:

0402403

EDD01

Receipt:

02-18-04

Sample:

CELL 12

Collected: 02-16-04 17:20:00 By: ES

Matrix:

S

QC Group	Run Sequence	CAS#	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	-	Run Date
0402403-22A		SW846 5030A	/8021B Purgeable VOCs by G	C/PID			Ву:	JDR		
X04111	XG.2004.334.6	108-88-3	Toluene	ND	mg / Kg	1	0.005		02-25-04	02-25-04
0402403-22A		SW846 ME/80	15A Diesel Range Organics I	by GC/FID			Ву:	JDR		
X04107	XG.2004.333.17		Diesel Range Organics	ND	mg / Kg	1	25		02-24-04	02-24-04

Unless otherwise noted, all samples were received in acceptable condition and all sampling was performed by client or client representative. Sample result of ND indicates Not Detected, ie result is less than the sample specific Detection Limit. Sample specific Detection Limit is determined by multiplying the sample Dilution Factor by the listed Reporting Detection Limit. All results relate only to the items tested. Any miscellaneous workorder information or foonotes will appear below.



### THE REPRODUCTION OF

THE

**FOLLOWING** 

**DOCUMENT (S)** 

**CANNOT BE IMPROVED** 

**DUE TO** 

THE CONDITION OF

THE ORIGINAL

LABORATORIES, INC. ANALYTICAL

Chain of Custody Record

Project Manager / Contact & dd. & Telephone No. 505 992

Client E

Address (

Page

3332 WEDGEWOOD EL PASO, TEXAS 79925 (915) 593-6000

4301 Masthead N.E. ALBUQUERQUE, NEW MEXICO 87109 (505) 345-8964

127 EASTGATE DRIVE, 212-C LOS ALAMOS, NEW MEXICO 87544 (505) 662-2558

2 2 2 1	Fax No. 505 392 6949	01		
Project Name / Number C. L. L. CON   FOY MY	Samplers : (signature)			// Remarks
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Snippent No.			☐ Stored (30 days max)	X

☐ Stored over 30 days (additional fee)

☐ Returned to customer

December 17, 2003

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

RE: EPI Landfarm Yearly Sampling

Dear Mrs. Kieling:

Find within the results of the yearly sampling for EPI Landfarm. Samples were taken at approximately two foot depths and holes backfilled with bentonite.

If you have any questions, please call.

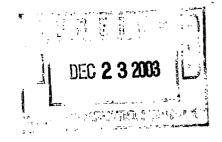
Sincerely,

Eddie W. Seay, Agent

601 W. Illinois

Hobbs, NM 88242

(505)392-2236



my 2-2-03



### **ASSAIGAI ANALYTICAL** LABORATORIES, INC.

4301 Masthead NE • Albuquerque, New Mexico 87109 • (505) 345-8964 • FAX (505) 345-7259

3332 Wedgewood, Ste. N • El Paso, Texas 79925 • (915) 593-6000 • FAX (915) 593-7820

127 Eastgate Drive, 212-C • Los Alamos, New Mexico 87544 • (505) 662-2558

**EDDIE SEAY CONSULTING** attn: EDDIE SEAY 601 W. ILLINOIS **HOBBS** 

NM 88242

	Explanation of codes
В	analyte detected in Method Blank
E	result is estimated
Н	analyzed out of hold time
N	tentatively identified compound
S	subcontracted
1-9	see footnote

al Laboratories, Inc.

STANDARD

Assaigai Analytical Laboratories, Inc.

### Certificate of Analysis

Client:

**EDDIE SEAY CONSULTING** 

Project:

**EPI LANDFARM** 

Order:

0311212

EDD01

Receipt:

11-12-03

Sample: Matrix:

CELL #1

SOIL

Collected: 11-11-03 11:45:00 By:

QC Group	Run Sequence	CAS#	Analyte	Result	Units	Dilution Factor	Detection Limit	Code		Run Date
0311212-01A		SW846 5030	V/8015A GRO by GC/FID				Ву:	JDR		
X03570	XG.2003.2095.21		Gasoline Range Organics	ND	mg / Kg	1	0.25		11-24-03	11-24-03
0311212-01A		SW846 5030	V8021B Purgeable VOCs by G0	C/PID			By:	JDR		
X03553	XG.2003.2123.3	71-43-2	Benzene	ND	mg / Kg	1	0.005		11-25-03	11-25-03
X03553	XG.2003.2123.3	100-41-4	Ethylbenzene	ND	mg / Kg	1	0.005		11-25-03	11-25-03
X03553	XG.2003.2123.3	95-47-6	o-Xylene	ND	mg / Kg	1	0.005		11-25-03	11-25-03
X03553	XG.2003.2123.3	108-38- 3/106-42	p/m-Xylenes	0.011	mg / Kg	1	0.01		11-25-03	11-25-03
X03553	XG.2003.2123.3	108-88-3	Toluene	0.005	mg / Kg	1	0.005		11-25-03	11-25-03
0311212-01A		SW846 ME/8	015A Diesel Range Organics b	y GC/FID			By:	JDR		
X03571	XG.2003.2108.20		Diesel Range Organics	ND	mg / Kg	1	25		11-24-03	11-25-03
0311212-01C		SW846 1311/	3010A/6010B ICP TCLP				Ву:	KDW		
M031613	MT.2003.1677.14	7440-38-2	Arsenic	ND	mg / L	10	0.2	1	12-01-03	12-02-03
M031595	MT.2003.1650.14	7440-39-3	Barium	1.0	mg / L	10	0.1		11-24-03	11-26-03
M031595	MT.2003.1650.14	7440-43-9	Cadmium	ND	mg/L	10	0.02		11-24-03	11-26-03
M031595	MT.2003.1650.14	7440-47-3	Chromium	ND	mg / L	10	0.02		11-24-03	11-26-03
M031595	MT.2003.1650.14	7439-92-1	Lead	ND	mg/L	10	0.05		11-24-03	11-26-03
M031595	MT.2003.1650.14	7782-49-2	Selenium	ND	mg / L	10	0.05		11-24-03	11-26-03
M031595	MT.2003.1650.14	7440-22-4	Silver	ND	mg/L	10	0.04		11-24-03	11-26-03
0311212-01C		SW846 1311/	7470A CVAA TCLP				Ву:	DAH		



MT.2003.1630.16

7439-97-6

M031591

ND

mg/L

0.0002

11-24-03 11-24-03

December 17, 2003

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

RE: EPI Landfarm Yearly Sampling

Dear Mrs. Kieling:

Find within the results of the yearly sampling for EPI Landfarm. Samples were taken at approximately two foot depths and holes backfilled with bentonite.

If you have any questions, please call.

Sincerely,

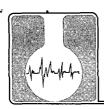
Eddie W. Seay, Agent

601 W. Illinois

Hobbs, NM 88242

(505)392-2236

my 29-03



### ASSAIGAI ANALYTICAL LABORATORIES, INC.

4301 Masthead NE • Albuquerque, New Mexico 87109 • (505) 345-8964 • FAX (505) 345-7259

3332 Wedgewood, Ste. N • El Paso, Texas 79925 • (915) 593-6000 • FAX (915) 593-7820

127 Eastgate Drive, 212-C • Los Alamos, New Mexico 87544 • (505) 662-2558

EDDIE SEAY CONSULTING
attn: EDDIE SEAY
601 W. ILLINOIS
HOBBS N

NM 88242

002-2	Explanation of codes
В	analyte detected in Method Blank
E	result is estimated
Н	analyzed out of hold time
N	tentatively identified compound
S	subcontracted
1-9	see footnote

STANDARD

Assaigai Analytical Laboratories, Inc.

### Certificate of Analysis

Client:

**EDDIE SEAY CONSULTING** 

Project:

**EPI LANDFARM** 

Order:

0311212

EDD01

Receipt:

11-12-03

William P. Biava: President of Assaigai Aha

President of Assaigai Analytical Laboratories, Inc.

Sample: Matrix: CELL #1

SOIL

Collected: 11-11-03 11:45:00 By: ES

QC Group	Run Sequence	CAS#	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	•	Run Date
0311212-01A		C\N(0.4C E0.20.4	10045A CDO b.: CC/FID				D	IDD		
X03570	XG.2003.2095.21	3VV046 5U3UA	V8015A GRO by GC/FID	ND			By:	JDR	11-24-03	11 01 02
XU35/U	AG.2003.2095.21		Gasoline Range Organics	ND	mg / Kg	1	0.25		11-24-03	11-24-03
0311212-01A		SW846 5030	V8021B Purgeable VOCs by G0	C/PID			Ву:	JDR		
X03553	XG.2003.2123.3	71-43-2	Benzene	ND	mg / Kg	1	0.005		11-25-03	11-25-03
X03553	XG.2003.2123.3	100-41-4	Ethylbenzene	ND	mg / Kg	1	0.005		11-25-03	11-25-03
X03553	XG.2003.2123.3	95-47-6	o-Xylene	ND	mg / Kg	1	0.005		11-25-03	11-25-03
X03553	XG.2003.2123.3	108-38-	p/m-Xylenes	0.011	mg / Kg	1	0.01		11-25-03	11-25-03
X03553	XG.2003.2123.3	3/106-42 108-88-3	Toluene	0.005	mg / Kg	1	0.005		11-25-03	11-25-03
0311212-01A		SW846 ME/8	015A Diesel Range Organics b	y GC/FID			By:	JDR		
X03571	XG.2003.2108.20		Diesel Range Organics	ND	mg / Kg	1	25		11-24-03	11-25-03
0311212-01C		SW846 1311/	3010A/6010B ICP TCLP				By:	KDW		
M031613	MT.2003.1677.14	7440-38-2	Arsenic	ND	mg / L	10	0.2	1	12-01-03	12-02-03
M031595	MT.2003.1650.14	7440-39-3	Barium	1.0	mg / L	10	0.1		11-24-03	11-26-03
M031595	MT.2003.1650.14	7440-43-9	Cadmium	ND	mg / L	10	0.02		11-24-03	11-26-03
M031595	MT.2003.1650.14	7440-47-3	Chromium	ND	mg/L	10	0.02		11-24-03	11-26-03
M031595	MT.2003.1650.14	7439-92-1	Lead	ND	mg / L	10	0.05		11-24-03	11-26-03
M031595	MT.2003.1650.14	7782-49-2	Selenium	ND	mg / L	10	0.05		11-24-03	11-26-03
M031595	MT.2003.1650.14	7440-22-4	Silver	ND	mg / L	10	0.04		11-24-03	11-26-03
0311212-01C		SW846 1311/	7470A CVAA TCLP				By:	DAH		
M031591	MT.2003,1630,16	7439-97-6	Mercury	ND	mg/L	1	0.0002		11-24-03	11-24-03



Client:

**EDDIE SEAY CONSULTING** 

Project:

**EPI LANDFARM** 

Order:

0311212

EDD01

Receipt:

11-12-03

Sample:

CELL #2

\_\_\_\_

Collected: 11-11-03 12:10:00 By: ES

Matrix:

SOIL

QC Group	Run Sequence	CAS#	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
0311212-02A		SW846 5030	A/8015A GRO by GC/FID				Ву:	JDR		
<b>X</b> 03570	XG.2003.2095.22		Gasoline Range Organics	ND	mg / Kg	1	0.25		11-24-03	11-24-03
0311212-02A		SW846 5030	A/8021B Purgeable VOCs by GC	C/PID			Ву:	JDR		
X03553	XG.2003.2123.4	71-43-2	Benzene	ND	mg / Kg	1	0.005		11-25-03	11-25-03
X03553	XG.2003.2123.4	100-41-4	Ethylbenzene	ND	mg / Kg	1	0.005		11-25-03	11-25-03
X03553	XG.2003.2123.4	95-47-6	o-Xylene	ND	mg / Kg	1	0.005		11-25-03	11-25-03
X03553	XG.2003.2123.4	108-38- 3/106-42	p/m-Xylenes	ND	mg / Kg	1	0.01		11-25-03	11-25-03
X03553	XG.2003.2123.4	108-88-3	Toluene	ND	mg / Kg	1	0.005		11-25-03	11-25-03
0311212-02A		SW846 ME/8	015A Diesel Range Organics b	y GC/FID			Ву:	JDR		
X03571	XG.2003.2108.21		Diesel Range Organics	ND	mg / Kg	1	25		11-24-03	11-25-03
0311212-02C		SW846 1311	/3010A/6010B ICP TCLP				Ву:	KDW		
M031613	MT.2003.1677.18	7440-38-2	Arsenic	ND	mg / L	10	0.2		12-01-03	12-02-03
M031595	MT.2003.1650.18	7440-39-3	Barium	1.3	mg/L	10	0.1		11-24-03	11-26-03
M031595	MT.2003.1650.18	7440-43-9	Cadmium	ND	mg / L	10	0.02		11-24-03	11-26-03
M031595	MT.2003.1650.18	7440-47-3	Chromium	ND	mg / L	10	0.02		11-24-03	11-26-03
M031595	MT.2003.1650.18	7439-92-1	Lead	ND	mg / L	10	0.05		11-24-03	11-26-03
M031595	MT.2003.1650.18	7782-49-2	Selenium	ND	mg / L	10	0.05		11-24-03	11-26-03
M031595	MT.2003.1650.18	7440-22-4	Silver	ND	mg / L	10	0.04		11-24-03	11-26-03
0311212-02C		SW846 1311	/7470A CVAA TCLP				Ву:	DAH		
M031591	MT.2003.1630.19	7439-97-6	Mercury	ND	mg / L	1	0.0002		11-24-03	11-24-03

Sample:

CELL #3

Matrix:

SOIL

Collected: 11-11-03 12:30:00 By: ES

QC Group	Run Sequence	CAS#	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
0311212-03A		SW846 5030	A/8015A GRO by GC/FID				By:	JDR		
X03570	XG.2003,2095.23		Gasoline Range Organics	ND	mg / Kg	1	0.25		11-24-03	11-24-03
0311212-03A		SW846 5030	A/8021B Purgeable VOCs by GC	:/PID			By:	JDR		
X03553	XG.2003.2123.5	71-43-2	Benzene	ND	mg / Kg	1	0.005		11-25-03	11-25-03
X03553	XG.2003.2123.5	100-41-4	Ethylbenzene	ND	mg / Kg	1	0.005		11-25-03	11-25-03
X03553	XG.2003.2123.5	95-47-6	o-Xylene	ND	mg / Kg	1	0.005		11-25-03	11-25-03
X03553	XG.2003.2123.5	108-38- 3/106-42	p/m-Xylenes	ND	mg / Kg	1	0.01		11-25-03	11-25-03
X03553	XG.2003.2123.5	108-88-3	Toluene	ND	mg / Kg	1	0.005		11-25-03	11-25-03
0311212-03A		SW846 ME/8	015A Diesel Range Organics b	y GC/FID			Ву:	JDR		
X03571	XG.2003.2108.22		Diesel Range Organics	ND	mg / Kg	1	25		11-24-03	11-25-03
0311212-03C		SW846 1311	/3010A/6010B ICP TCLP				Ву:	KDW		
M031613	MT.2003.1677.19	7440-38-2	Arsenic	ND	mg / L	10	0.2		12-01-03	12-02-03
M031595	MT.2003.1650.19	7440-39-3	Barium	1.1	mg / L	10	0.1		11-24-03	11-26-03

Client:

**EDDIE SEAY CONSULTING** 

Project:

**EPI LANDFARM** 

Order:

0311212

EDD01

Receipt:

11-12-03

Sample:

CELL #3

Collected: 11-11-03 12:30:00 By: ES

Matrix:

SOIL

QC Group	Run Sequence	CAS#	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	- •	Run Date
0311212-03C		SW846 1311/301	0A/6010B ICP TCLP				By:	KDW		
M031595	MT.2003.1650.19	7440-43-9	Cadmium	ND	mg / L	10	0.02		11-24-03	11-26-03
M031595	MT.2003.1650.19	7440-47-3	Chromium	ND	mg / L	10	0.02		11-24-03	11-26-03
M031595	MT.2003.1650.19	7439-92-1	Lead	ND	mg/L	10	0.05		11-24-03	11-26-03
M031595	MT.2003.1650.19	7782-49-2	Selenium	ND	mg/L	10	0.05		11-24-03	11-26-03
M031595	MT.2003.1650.19	7440-22-4	Silver	ND	mg / L	10	0.04		11-24-03	11-26-03
0311212-03C		SW846 1311/747	'0A CVAA TCLP				Ву:	DAH		
M031591	MT.2003.1630.20	7439-97-6	Mercury	ND	mg / L	1	0.0002		11-24-03	11-24-03

Sample:

CELL #4

Collected: 11-11-03 13:05:00 By: ES

Matrix:

SOIL

QC Group	Run Sequence	CAS#	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	•	Run Date
0311212-04A		SW846 5030A	/8015A GRO by GC/FID				Ву:	JDR		
X03570	XG.2003,2095,24		Gasoline Range Organics	ND	mg / Kg	1	0.25		11-24-03	11-24-03
0311212-04A		SW846 5030A	V8021B Purgeable VOCs by G0	C/PID			Ву:	JDR		
X03553	XG.2003.2123.6	71-43-2	Benzene	ND	mg / Kg	1	0.005		11-25-03	11-25-03
X03553	XG.2003.2123.6	100-41-4	Ethylbenzene	ND	mg / Kg	1	0.005		11-25-03	11-25-03
X03553	XG.2003.2123.6	95-47-6	o-Xylene	ND	mg / Kg	1	0.005		11-25-03	11-25-03
X03553	XG.2003.2123.6	108-38- 3/106-42	p/m-Xylenes	ND	mg / Kg	1	0.01		11-25-03	11-25-03
X03553	XG.2003.2123.6	108-88-3	Toluene	ND	mg / Kg	1	0.005		11-25-03	11-25-03
0311212-04A		SW846 ME/86	015A Diesel Range Organics b	y GC/FID			Ву:	JDR		
X03571	XG.2003.2108.23		Diesel Range Organics	ND	mg / Kg	1	25		11-24-03	11-25-03
0311212-04C		SW846 1311/	3010A/6010B ICP TCLP				Ву:	KDW		
M031613	MT.2003.1677.22	7440-38-2	Arsenic	ND	mg/L	• 10	0.2		12-01-03	12-02-03
M031595	MT.2003.1650.22	7440-39-3	Barium	1.4	mg / L	10	0.1		11-24-03	11-26-03
M031595	MT.2003.1650.22	7440-43-9	Cadmium	ND	mg / L	10	0.02		11-24-03	11-26-03
M031595	MT.2003.1650.22	7440-47-3	Chromium	ND	mg/L	10	0.02		11-24-03	11-26-03
M031595	MT.2003.1650.22	7439-92-1	Lead	ND	mg / L	10	0.05		11-24-03	11-26-03
M031595	MT.2003.1650.22	7782-49-2	Selenium	ND	mg / L	10	0.05		11-24-03	11-26-03
M031595	MT.2003.1650.22	7440-22-4	Silver	ND	mg / L	10	0.04		11-24-03	11-26-03
0311212-04C		SW846 1311/	7470A CVAA TCLP				Ву:	DAH		
M031591	MT.2003.1630.21	7439-97-6	Mercury	ND	mg / L	1	0.0002		11-24-03	11-24-03

Client:

**EDDIE SEAY CONSULTING** 

Project:

**EPI LANDFARM** 

Order:

0311212 EDD01 Receipt:

11-12-03

Sample: Matrix:

CELL #5

SOIL

Collected: 11-11-03 13:25:00 By: ES

QC Group	Run Sequence	CAS#	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	•	Run Date
0311212-05A		SW846 5030	A/8015A GRO by GC/FID				Ву:	JDR		
X03570	XG.2003.2100.3		Gasoline Range Organics	ND	mg / Kg	1	0.25		11-25-03	11-25-03
0311212-05A		SW846 5030	A/8021B Purgeable VOCs by Go	C/PID			Ву:	JDR		
X03553	XG.2003.2123.7	71-43-2	Benzene	ND	mg / Kg	1	0.005		11-25-03	11-25-03
X03553	XG.2003.2123.7	100-41-4	Ethylbenzene	ND	mg / Kg	1	0.005		11-25-03	11-25-03
X03553	XG.2003.2123.7	95-47-6	o-Xylene	ND	mg / Kg	1	0.005		11-25-03	11-25-03
X03553	XG.2003.2123.7	108-38- 3/106-42	p/m-Xylenes	ND	mg / Kg	1	0.01		11-25-03	11-25-03
X03553	XG.2003.2123.7	108-88-3	Toluene	ND	mg / Kg	1	0.005		11-25-03	11-25-03
0311212-05A		SW846 ME/8	015A Diesel Range Organics b	y GC/FID			Ву:	JDR		
X03571	XG.2003.2108.36		Diesel Range Organics	ND	mg / Kg	1	25		11-24-03	11-25-03
0311212-05C		SW846 1311	/3010A/6010B ICP TCLP				Ву:	KDW		
M031613	MT.2003.1677.23	7440-38-2	Arsenic	ND	mg / L	10	0.2		12-01-03	12-02-03
M031595	MT.2003.1650.23	7440-39-3	Barium	1.0	mg / L	10	0.1		11-24-03	11-26-03
M031595	MT.2003.1650.23	7440-43-9	Cadmium	ND	mg / L	10	0.02		11-24-03	11-26-03
M031595	MT.2003.1650.23	7440-47-3	Chromium	ND	mg / L	10	0.02		11-24-03	11-26-03
M031595	MT.2003.1650.23	7439-92-1	Lead	ND	mg / L	10	0.05		11-24-03	11-26-03
M031595	MT.2003.1650.23	7782-49-2	Selenium	ND	mg / L	10	0.05		11-24-03	11-26-03
M031595	MT.2003.1650.23	7440-22-4	Silver	ND	mg/L	10	0.04		11-24-03	11-26-03
0311212-05C		SW846 1311	/7470A CVAA TCLP				Ву:	DAH		
M031591	MT.2003.1630.22	7439-97-6	Mercury	ND	mg / L	1	0.0002		11-24-03	11-24-03

Sample:

CELL #6

Matrix:

SOIL

Collected: 11-11-03 13:50:00 By: ES

QC Group	Run Sequence	CAS#	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	•	Run Date
0311212-06A		SW846 5030	A/8015A GRO by GC/FID				Ву:	JDR		
X03570	XG.2003.2100.4		Gasoline Range Organics	ND	mg / Kg	1	0.25		11-25-03	11-25-03
0311212-06A		SW846 5030	A/8021B Purgeable VOCs by GO	C/PID			Ву:	JDR		
X03553	XG.2003.2123.26	71-43-2	Benzene	ND	mg / Kg	1	0.005		11-26-03	11-26-03
X03553	XG.2003.2123.26	100-41-4	Ethylbenzene	ND	mg / Kg	1	0.005		11-26-03	11-26-03
X03553	XG.2003.2123.26	95-47-6	o-Xylene	ND	mg / Kg	1	0.005		11-26-03	11-26-03
X03553	XG.2003.2123.26	108-38- 3/106-42	p/m-Xylenes	ND	mg / Kg	1	0.01		11-26-03	11-26-03
X03553	XG.2003.2123.26	108-88-3	Toluene	ND	mg / Kg	1	0.005		11-26-03	11-26-03
0311212-06A		SW846 ME/8	015A Diesel Range Organics b	y GC/FID			Ву:	JDR		
X03571	XG.2003,2108.37		Diesel Range Organics	ND	mg / Kg	1	25		11-24-03	11-25-03
0311212-06C		SW846 1311	/3010A/6010B ICP TCLP				Ву:	KDW		
M031613	MT.2003.1677.24	7440-38-2	Arsenic	ND	mg/L	10	0.2		12-01-03	12-02-03
M031595	MT.2003.1650.24	7440-39-3	Barium	ND	mg / L	10	0.1		11-24-03	11-26-03

Client:

**EDDIE SEAY CONSULTING** 

Project:

**EPI LANDFARM** 

Order:

0311212

EDD01

Receipt:

11-12-03

Sample:

CELL #6

Collected: 11-11-03 13:50:00 By: ES

Matrix:

SOIL

QC Group	Run Sequence	CAS#	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	•	Run Date
0311212-06C		SW846 1311/301	0A/6010B ICP TCLP				Ву:	KDW		
M031595	MT.2003.1650.24	7440-43-9	Cadmium	ND	mg / L	10	0.02		11-24-03	11-26-03
M031595	MT.2003.1650.24	7440-47-3	Chromium	ND	mg / L	10	0.02		11-24-03	11-26-03
M031595	MT.2003.1650.24	7439-92-1	Lead	ND	mg / L	10	0.05		11-24-03	11-26-03
M031595	MT.2003.1650.24	7782-49-2	Selenium	ND	mg / L	10	0.05		11-24-03	11-26-03
M031595	MT.2003.1650.24	7440-22-4	Silver	ND	mg / L	10	0.04		11-24-03	11-26-03
0311212-06C		SW846 1311/747	'0A CVAA TCLP				Ву:	DAH		
M031591	MT.2003.1630.25	7439-97-6	Mercury	0.0003	mg/L	1	0.0002		11-24-03	11-24-03

Sample:

CELL #7

Collected: 11-11-03 14:15:00 By: ES

Matrix:

SOIL

						Dilution	Detection		Prep	Run
QC Group	Run Sequence	CAS#	Analyte	Result	Units	Factor	Limit	Code	Date	Date
0311212-07A		SW846 5030	A/8015A GRO by GC/FID				Ву:	JDR		
X03570	XG.2003.2100.5		Gasoline Range Organics	ND	mg / Kg	1	0.25		11-25-03	11-25-03
0311212-07A		SW846 5030	A/8021B Purgeable VOCs by G	C/PID			Ву:	JDR		
X03553	XG.2003.2123.9	71-43-2	Benzene	ND	mg / Kg	1	0.005		11-25-03	11-25-03
X03553	XG.2003.2123.9	100-41-4	Ethylbenzene	ND	mg / Kg	1	0.005		11-25-03	11-25-03
X03553	XG.2003.2123.9	95-47-6	o-Xylene	ND	mg / Kg	1	0.005		11-25-03	11-25-03
X03553	XG.2003.2123.9	108-38- 3/106-42	p/m-Xylenes	ND	mg / Kg	1	0.01		11-25-03	11-25-03
X03553	XG.2003.2123.9	108-88-3	Toluene	ND	mg / Kg	1	0.005		11-25-03	11-25-03
0311212-07A		SW846 ME/8	015A Diesel Range Organics b	y GC/FID			By:	JDR		
X03571	XG.2003.2108.38		Diesel Range Organics	ND	mg / Kg	1	25		11-24-03	11-25-03
0311212-07C		SW846 1311	/3010A/6010B ICP TCLP				Ву:	KDW		
M031613	MT.2003.1677.25	7440-38-2	Arsenic	ND	mg / L	10	0.2		12-01-03	12-02-03
M031595	MT.2003.1650.25	7440-39-3	Barium	ND	mg / L	10	0.1		11-24-03	11-26-03
M031595	MT.2003.1650.25	7440-43-9	Cadmium	ND	mg / L	10	0.02		11-24-03	11-26-03
M031595	MT.2003.1650.25	7440-47-3	Chromium	ND	mg / L	10	0.02		11-24-03	11-26-03
M031595	MT.2003.1650.25	7439-92-1	Lead	ND	mg / L	10	0.05		11-24-03	11-26-03
M031595	MT.2003.1650.25	7782-49-2	Selenium	ND	mg / L	10	0.05		11-24-03	11-26-03
M031595	MT.2003.1650.25	7440-22-4	Silver	ND	mg / L	10	0.04		11-24-03	11-26-03
0311212-07C		SW846 1311	/7470A CVAA TCLP				Ву:	DAH		
M031591	MT.2003.1630.26	7439-97-6	Mercury	ND	mg / L	1	0.0002		11-24-03	11-24-03

Client:

**EDDIE SEAY CONSULTING** 

Project:

**EPI LANDFARM** 

Order:

0311212

EDD01

Receipt:

11-12-03

Sample:

CELL #8

Collected: 11-11-03 14:35:00 By: ES

Matrix:

SOIL

QC Group	Run Sequence	CAS#	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
0311212-08A		SW846 5030	A/8015A GRO by GC/FID				Ву:	JDR		
X03570	XG.2003.2100.6		Gasoline Range Organics	ND	mg / Kg	1	0.25		11-25-03	11-25-03
0311212-08A		SW846 5030	A/8021B Purgeable VOCs by GC	C/PID			Ву:	JDR		
X03579	XG.2003.2123.14	71-43-2	Benzene	ND	mg / Kg	1	0.005		11-25-03	11-25-03
X03579	XG.2003.2123.14	100-41-4	Ethylbenzene	ND	mg / Kg	1	0.005		11-25-03	11-25-03
X03579	XG.2003.2123.14	95-47-6	o-Xylene	ND	mg / Kg	1	0.005		11-25-03	11-25-03
X03579	XG.2003.2123.14	108-38- 3/106-42	p/m-Xylenes	ND	mg / Kg	1	0.01		11-25-03	11-25-03
X03579	XG.2003.2123.14	108-88-3	Toluene	ND	mg / Kg	1	0.005		11-25-03	11-25-03
0311212-08A		SW846 ME/8	015A Diesel Range Organics b	y GC/FID			By:	JDR		
X03571	XG.2003.2108.39		Diesel Range Organics	ND	mg / Kg	1	25		11-24-03	11-25-03
0311212-08C		SW846 1311	/3010A/6010B ICP TCLP				Ву:	KDW		
M031614	MT.2003.1677.38	7440-38-2	Arsenic	ND	mg / L	10	0.2		12-01-03	12-02-03
M031595	MT.2003.1650.26	7440-39-3	Barium	1.2	mg / L	10	0.1		11-24-03	11-26-03
M031595	MT.2003.1650.26	7440-43-9	Cadmium	ND	mg / L	10	0.02		11-24-03	11-26-03
M031595	MT.2003.1650.26	7440-47-3	Chromium	ND	mg/L	10	0.02		11-24-03	11-26-03
M031595	MT.2003.1650.26	7439-92-1	Lead	ND	mg / L	10	0.05		11-24-03	11-26-03
M031595	MT.2003.1650.26	7782-49-2	Selenium	ND	mg / L	10	0.05		11-24-03	11-26-03
M031595	MT.2003.1650.26	7440-22-4	Silver	ND	mg / L	10	0.04		11-24-03	11-26-03
0311212-08C		SW846 1311	/7470A CVAA TCLP				Ву:	DAH		
M031591	MT.2003.1630.27	7439-97-6	Mercury	0.0006	mg/L	1	0.0002		11-24-03	11-24-03

Sample:

CELL #9

Collected: 11-11-03 15:00:00 By: ES

Matrix: SOIL

						Dilution	Detection		Prep	Run
QC Group	Run Sequence	CAS#	Analyte	Result	Units	Factor	Limit	Code	Date	Date
0311212-09A		SW846 5030	A/8015A GRO by GC/FID				Ву:	JDR		
X03570	XG.2003.2100.7		Gasoline Range Organics	ND	mg / Kg	1	0.25		11-25-03	11-25-03
0311212-09A		SW846 5030	A/8021B Purgeable VOCs by G0	C/PID			Ву:	JDR		
X03579	XG.2003.2123.18	71-43-2	Benzene	ND	mg / Kg	1	0.005		11-25-03	11-25-03
X03579	XG.2003.2123.18	100-41-4	Ethylbenzene	ND	mg / Kg	1	0.005		11-25-03	11-25-03
X03579	XG.2003.2123.18	95-47-6	o-Xylene	ND	mg / Kg	1	0.005		11-25-03	11-25-03
X03579	XG.2003.2123.18	108-38- 3/106-42	p/m-Xylenes	ND	mg / Kg	1	0.01		11-25-03	11-25-03
X03579	XG.2003.2123.18	108-88-3	Toluene	ND	mg / Kg	1	0.005		11-25-03	11-25-03
0311212-09A		SW846 ME/8	015A Diesel Range Organics b	y GC/FID			Ву:	JDR		
X03572	XG.2003.2115.6		Diesel Range Organics	ND	mg / Kg	1	25		11-24-03	11-24-03
0311212-09C		SW846 1311	/3010A/6010B ICP TCLP				Ву:	KDW		
M031614	MT.2003.1677.39	7440-38-2	Arsenic	ND	mg / L	10	0.2		12-01-03	12-02-03
M031595	MT.2003.1650.27	7440-39-3	Barium	1.2	mg / L	10	0.1		11-24-03	11-26-03

Client:

**EDDIE SEAY CONSULTING** 

Project:

**EPI LANDFARM** 

Order:

0311212

EDD01

Receipt:

11-12-03

Sample:

CELL #9

Collected: 11-11-03 15:00:00 By: ES

Matrix:

SOIL

QC Group	Run Sequence	CAS#	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	•	Run Date
0311212-09C		SW846 1311/301	0A/6010B ICP TCLP				Ву:	KDW		
M031595	MT.2003.1650.27	7440-43-9	Cadmium	ND	mg/L	10	0.02		11-24-03	11-26-03
M031595	MT.2003.1650.27	7440-47-3	Chromium	ND	mg / L	10	0.02		11-24-03	11-26-03
M031595	MT.2003.1650.27	7439-92-1	Lead	ND	mg/L	10	0.05		11-24-03	11-26-03
M031595	MT.2003.1650.27	7782-49-2	Selenium	ND	mg / L	10	0.05		11-24-03	11-26-03
M031595	MT.2003.1650.27	7440-22-4	Silver	ND	mg / L	10	0.04		11-24-03	11-26-03
0311212-09C		SW846 1311/747	OA CVAA TCLP				Ву:	DAH		
M031591	MT.2003.1630.28	7439-97-6	Mercury	ND	mg / L	1	0.0002		11-24-03	11-24-03

Sample:

**CELL #10** 

Collected: 11-11-03 15:30:00 By: ES

Matrix:

SOIL

QC Group	Run Sequence	CAS#	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	•	Run Date
- Co Cioup									Dute	
0311212-10A		SW846 5030	A/8015A GRO by GC/FID				Ву:	JDR		
X03578	XG.2003.2117.5		Gasoline Range Organics	ND	mg / Kg	1	0.25		11-25-03	11-25-03
0311212-10A		SW846 5030	A/8021B Purgeable VOCs by GC	:/PID			Ву:	JDR		
X03579	XG.2003.2123.19	71-43-2	Benzene	ND	mg / Kg	1	0.005		11-25-03	11-25-03
X03579	XG.2003.2123.19	100-41-4	Ethylbenzene	ND	mg / Kg	1	0.005		11-25-03	11-25-03
X03579	XG.2003.2123.19	95-47-6	o-Xylene	ND	mg / Kg	1	0.005		11-25-03	11-25-03
X03579	XG.2003.2123.19	108-38- 3/106-42	p/m-Xylenes	ND	mg / Kg	1	0.01		11-25-03	11-25-03
X03579	XG.2003.2123.19	108-88-3	Toluene	ND	mg / Kg	1	0.005		11-25-03	11-25-03
0311212-10A		SW846 ME/8	015A Diesel Range Organics b	y GC/FID			Ву:	JDR		
X03572	XG.2003.2115.9		Diesel Range Organics	ND	mg / Kg	1	25		11-24-03	11-24-03
0311212-10C		SW846 1311	/3010A/6010B ICP TCLP				By:	KDW		
M031614	MT.2003.1677.40	7440-38-2	Arsenic	ND	mg/L	10	0.2		12-01-03	12-02-03
M031595	MT.2003.1650.28	7440-39-3	Barium	1.2	mg / L	10	0.1		11-24-03	11-26-03
M031595	MT.2003.1650.28	7440-43-9	Cadmium	ND	mg/L	10	0.02		11-24-03	11-26-03
M031595	MT.2003.1650.28	7440-47-3	Chromium	ND	mg / L	10	0.02		11-24-03	11-26-03
M031595	MT.2003.1650.28	7439-92-1	Lead	ND	mg / L	10	0.05		11-24-03	11-26-03
M031595	MT.2003.1650.28	7782-49-2	Selenium	ND	mg / L	10	0.05		11-24-03	11-26-03
M031595	MT.2003.1650.28	7440-22-4	Silver	ND	mg / L	10	0.04		11-24-03	11-26-03
0311212-10C		SW846 1311	7470A CVAA TCLP				Ву:	DAH		
M031591	MT.2003.1630.29	7439-97-6	Mercury	ND	mg / L	1	0.0002		11-24-03	11-24-03

Client:

**EDDIE SEAY CONSULTING** 

Project:

**EPI LANDFARM** 

Order:

0311212

EDD01

Receipt:

11-12-03

Sample:

**CELL #11** 

Matrix: SOIL Collected: 11-11-03 16:00:00 By: ES

QC Group	Run Sequence	CAS#	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
0311212-11A		SW846 5030	A/8015A GRO by GC/FID				Ву:	JDR		
X03578	XG.2003.2117.8		Gasoline Range Organics	ND	mg / Kg	1	0.25		11-25-03	11-25-03
0311212-11A		SW846 5030	A/8021B Purgeable VOCs by GC	:/PID			Ву:	JDR		
X03579	XG.2003.2123.20	71-43-2	Benzene	ND	mg / Kg	1	0.005		11-25-03	11-25-03
X03579	XG.2003.2123.20	100-41-4	Ethylbenzene	ND	mg / Kg	1	0.005		11-25-03	11-25-03
X03579	XG.2003.2123.20	95-47-6	o-Xylene	ND	mg / Kg	1	0.005		11-25-03	11-25-03
X03579	XG.2003.2123.20	108-38- 3/106-42	p/m-Xylenes	ND	mg / Kg	1	0.01		11-25-03	11-25-03
X03579	XG.2003.2123.20	108-88-3	Toluene	ND	mg / Kg	1	0.005		11-25-03	11-25-03
0311212-11A		SW846 ME/8	015A Diesel Range Organics b	y GC/FID			By:	JDR		
X03572	XG.2003.2115.10		Diesel Range Organics	ND	mg / Kg	1	25		11-24-03	11-24-0
0311212-11C		SW846 1311	/3010A/6010B ICP TCLP				By:	KDW		
M031614	MT.2003.1677.41	7440-38-2	Arsenic	ND	mg / L	10	0.2		12-01-03	12-02-03
M031595	MT.2003.1650.29	7440-39-3	Barium	ND	mg/L	10	0.1		11-24-03	11-26-03
M031595	MT.2003.1650.29	7440-43-9	Cadmium	ND	mg/L	10	0.02		11-24-03	11-26-03
M031595	MT.2003.1650.29	7440-47-3	Chromium	ND	mg/L	10	0.02		11-24-03	11-26-03
M031595	MT.2003.1650.29	7439-92-1	Lead	ND	mg / L	10	0.05		11-24-03	11-26-03
M031595	MT.2003.1650.29	7782-49-2	Selenium	ND	mg / L	10	0.05		11-24-03	11-26-0
M031595	MT.2003.1650.29	7440-22-4	Silver	ND	mg / L	10	0.04		11-24-03	11-26-0
0311212-11C		SW846 1311	/7470A CVAA TCLP				Ву:	DAH		
M031591	MT.2003.1630.30	7439-97-6	Mercury	ND	mg/L	1	0.0002		11-24-03	11-24-03

Sample:

**CELL #12** 

Matrix: SOIL Collected: 11-11-03 16:30:00 By: ES

		"					Detection		•	Run
QC Group	Run Sequence	CAS#	Analyte	Result	Units	Factor	Limit	Code	Date	Date
0311212-12A		SW846 5030A/8015A GRO by GC/FID					Ву:	JDR		
X03578	XG.2003.2117.9		Gasoline Range Organics	ND	mg / Kg	1	0.25		11-25-03	11-25-03
0311212-12A		SW846 5030A/8021B Purgeable VOCs by GC/PID					Ву:	JDR		
X03579	XG.2003.2123.21	71-43-2	Benzene	ND	mg / Kg	1	0.005		11-25-03	11-25-03
X03579	XG.2003.2123.21	100-41-4	Ethylbenzene	ND	mg / Kg	1	0.005		11-25-03	11-25-03
X03579	XG.2003.2123.21	95-47-6	o-Xylene	ND	mg / Kg	1	0.005		11-25-03	11-25-03
X03579	XG.2003.2123.21	108-38- 3/106-42	p/m-Xylenes	ND	mg / Kg	1	0.01		11-25-03	11-25-03
X03579	XG.2003.2123.21	108-88-3	Toluene	ND	mg / Kg	1	0.005		11-25-03	11-25-03
0311212-12A		SW846 ME/8015A Diesel Range Organics by GC/FID				By: JDR				
X03572	XG.2003.2115.11		Diesel Range Organics	ND	mg / Kg	1	25		11-24-03	11-24-03
0311212-12C	212-12C SW846 1311/3010A/6010B ICP TCLP						Ву:	KDW		
M031614	MT.2003.1677.43	7440-38-2	Arsenic	ND	mg/L	10	0.2		12-01-03	12-02-03
M031595	MT.2003.1650.34	7440-39-3	Barium	ND	mg / L	10	0.1		11-24-03	3 11-26-03



Client:

**EDDIE SEAY CONSULTING** 

Project:

**EPI LANDFARM** 

Order:

0311212

EDD01

Receipt:

11-12-03

Sample:

**CELL #12** 

\_\_\_\_\_

Matrix:

SOIL

								_		
QC Group	Run Sequence	CAS#	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	•	Run Date
0311212-12C		SW846 1311/301	0A/6010B ICP TCLP				Ву:	KDW		
M031595	MT.2003,1650.34	7440-43-9	Cadmium	ND	mg / L	10	0.02		11-24-03	11-26-03
M031595	MT.2003.1650.34	7440-47-3	Chromium	ND	mg / L	10	0.02		11-24-03	11-26-03
M031595	MT.2003.1650.34	7439-92-1	Lead	ND	mg / L	10	0.05		11-24-03	11-26-03
M031614	MT.2003.1677.43	7782-49-2	Selenium	ND	mg / L	10	0.05		12-01-03	12-02-03
M031595	MT.2003.1650.34	7440-22-4	Silver	ND	mg / L	10	0.04		11-24-03	11-26-03
0311212-12C		SW846 1311/747	'0A CVAA TCLP				Ву:	DAH		
M031591	MT.2003.1630.32	7439-97-6	Mercury	0.0005	mg / L	1	0.0002		11-24-03	11-24-03

Collected: 11-11-03 16:30:00 By: ES

Unless otherwise noted, all samples were received in acceptable condition and all sampling was performed by client or client representative. Sample result of ND indicates Not Detected, ie result is less than the sample specific Detection Limit. Sample specific Detection Limit is determined by multiplying the sample Dilution Factor by the listed Reporting Detection Limit. All results relate only to the items tested. Any miscellaneous workorder information or foonotes will appear below.

This sample was utilized for the matrix spike and duplicate. Please note that the recoveries were outside of QC criteria, suggesting matrix interference problems. This should be taken into account when reviewing the data.



## THE REPRODUCTION OF

THE

**FOLLOWING** 

**DOCUMENT (S)** 

**CANNOT BE IMPROVED** 

**DUE TO** 

THE CONDITION OF

THE ORIGINAL

LABORATORIES, INC. **ANALYTICAL** ASSAIGAI

## Chain of Custody Record

Masthead N.E. E. NEW MEXICO 87109 5) 345-8964

3332WEDGEWOOD - PASO, TEXAS 79925 (915) 593-6000

127 EASTGATE:DRIVE, 212-C LOS ALAMOS, NEW MEXICO 87544 (505) 662-2558

Samplers : (signature) Telephone

☐ Stored over 30 days (additional fee) ☐ Disposed of (additional fee) ☐ Stored (30 days max) After analysis, samples are to be: Received by: Signature Company Reason Relinquished by: Printed Signature Company Reason Received by: : 7 Signature Comments: Company Reason S 0 D: 10 A C 3.00 Address LOI LO III IN 88245 Landfarm THE STATE = = \* IJ Project Name / Number EPT Contract / Purchase Order / Quote = Method of Shipment Special Instructions: Company E Printed

Returned to customer



## NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON

Governor

Joanna Prukop

Cabinet Secretary

October 27, 2003

Lori Wrotenbery
Director
Oil Conservation Division

Mr. Eddie W. Seay EPI Landfarm 601 W. Illinois Hobbs, New Mexico 88242

RE: Approval for Additional Lifts

Environmental Plus Inc., Permit NM-01-0013

SW/4 NW/4 of Sec. 14, and SE/4 NE/4 of Sec. 15, Twn. 22 South, Rng. 37 East,

NMPM, Lea County, New Mexico

Dear Mr. Seay:

The New Mexico Oil Conservation Division (OCD) has received Environmental Plus, Inc's (EPI) request and analytical results dated September 22, 2003 for authorization to apply another lift to Cells 1, 2 and 3. Based on the analytical information provided Cells 1, 2 and 3 are hereby approved for the addition of a successive lift.

Note that with the addition of successive lifts EPI must continue maintenance and treatment zone monitoring. The treatment zone monitoring must be performed at two to three feet below the original native ground surface. If EPI wants to move the soils from the facility separate OCD authorization must be granted.

Please be advised that the OCD approval does not relieve EPI of liability should their operation result in pollution of the ground water, surface water or the environment. In addition, OCD approval does not relieve EPI of the responsibility for compliance with other federal, state and/or local regulations.

If you have any questions please do not hesitate to contact me at (505) 476-3488.

Sincerely,

Martyne J. Kieling

**Environmental Geologist** 

xc:

**OCD Hobbs Office** 

RECEIVED

SEP 2 4 2003 OIL CONSERVATION DIVISION

September 22, 2003

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

RE: EPI Landfarm Lift Sampling

Mrs. Kieling:

We have conducted sampling for cells 1,2 and 3 at EPI Landfarm. Since nothing has been put into these cells in well over a year, I decided to sample the cells for BTEX and TPH. The sampling that was conducted was to take a composite from several areas within each cell. Since our analytical shows TPH below cleanup level, EPI would like to add an additional lift to these cells.

If you have any questions, please call.

Thanks,

Eddie W. Seay, Agent

Eddin W Som

601 W. Illinois

Hobbs, NM 88242





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: 09/16/03
Reporting Date: 09/18/03
Project Owner: C. BETTIS
Project Name: EPI LANDFARM

Project Location: EUNICE, NM

Sampling Date: 09/16/03 Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: AH

Analyzed By: BC

LAB NO. SAMPLE ID	GRO $(C_6-C_{10})$ $(mg/Kg)$	DRO (> $C_{10}$ - $C_{28}$ ) (mg/Kg)	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS DATE:	09/17/03	09/17/03	09/17/03	09/17/03	09/17/03	09/17/03
H8006-1 CELL #1	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
H8006-2 CELL #2	<10.0	26.4	<0.005	<0.005	<0.005	<0.015
H8006-3 CELL #3	<10.0	55.5	<0.005	<0.005	<0.005	<0.015
Quality Control	777	821	0.100	0.099	0.099	0.291
True Value QC	800	800	0.100	0.100	0.100	0.300
% Recovery	97.1	103	100	99.4	98.8	97.1
Relative Percent Difference	11.3	12.1	1.9	0.9	2.3	3.3

METHODS: TPH GRO & DRO - EPA SW-846 8015 M; BTEX - SW-846 8260.

Burgess J. AVCooke/Ph. D.

Date

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

		1-7020.	nanges to 915-673	ease fax written cl	Cardinal cannot accept verbal changes. Please fax written changes to 915-673-7020.	† Cardinal canno
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Auditional FdX **.	☐ Yes ☐ No	Fax Result:		4/16/03		Sampler Kelinquisned
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30 days past due at the rate of 24% per arrum from the original date of invoice, and all costs of collections, including attorney's fees.	letion of the applicable te subsidiaries,	by Cardinal within 30 days after comp , or loss of profits incurred by client, i	made in writing and received t ness interruptions, loss of use,	shall be deemed walved unless including without limitation, busi	nalyses. All claims including those for negligence and any other cause whatsoever shall be deemed walved unless made in writing and received by Candinal within 30 days after completion of the apprender. In no event shall Candinal be lable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidatives.	analyses. All claims including those t service. In no event shall Cardhal b
Terms and Conditions: Interest will be charged on all accounts more than	a client for the	all be limited to the amount paid by th	er based in contract or tort, sh	edy for any claim arising wheth	FLEASE NOTE: Liability and Damages. Cardnel's liability and clear's exclusive remedy for any daim arising whether based in contract or tort, shall be limited to the amount paid by the clear for the	PLEASE NOTE: Liability and Damag
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ANALYSIS REQUEST				on the sho	ddie Juan	Company Name: $\mathcal E$
Page of		(505) 393-2326 Fax (505) 393-2476	5) 393-2326 Fax	Γ	(915) 673-7001 Fax (915) 673-7020	
		101 East Marland, Hobbs, NM 88240	East Marland,		2111 Beechwood, Abilene,	
				IES, INC.	ARDINAL LABORATORIES, INC.	ARDII

September 2, 2003

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

RE: EPI Landfarm, Quarterly Sampling

Mrs. Kieling:

Within are the quarterly treatment zone samples from the various cells at EPI Landfarm. Samples were taken at approximately two feet below the cell lift. The sample holes were backfilled with bentonite clay. An inspection of the facility was conducted at this time, and all appeared to be in compliance.

If you have any questions, please call.

Sincerely,

Eddie W. Seay, Agent

601 W. Illinois

Hobbs, NM 88242





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: (505) 392-6949

Receiving Date: 08/22/03 Reporting Date: 08/27/03 Project Owner: C. BETTIS Project Name: EPI LANDFARM Project Location: EUNICE, NM Sampling Date: 08/22/03 Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: AH

Analyzed By: BC

						مراج الإ	
		GRO	DRO	•		ETHYL	TOTAL
LAB NO.	SAMPLE ID	$(C_6-C_{10})$	(>C <sub>10</sub> -C <sub>28</sub> )	BENZENE	TOLUENE	BENZENE	XYLENES
		(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)
	•						
ANALYSIS DA	TE:	08/25/03	08/25/03	08/25/03	08/25/03	08/25/03	08/25/03
H7939-1	CELL 1	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
H7939-2	CELL 2	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
H7939-3	CELL 3	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
H7939-4	CELL 4	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
H7939-5	CELL 5	<10.0	<10.0	<0.005	<0.005	< 0.005	<0.015
H7939-6	CELL 6	<10.0	<10.0	<0.005	0.006	<0.005	<0.015
H7939-7	CELL 7	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
H7939-8	CELL 8	<10.0	<10.0	<0.005	< 0.005	<0.005	<0.015
H7939-9	CELL 9	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
H7939-10	CELL 10	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
H7939-11	CELL 11	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
							1
<b>Quality Control</b>		815	841	0.110	0.103	0.104	0.308
True Value QC		800	800	0.100	0.100	0.100	0.300
% Recovery		102	105	110	103	104	103
Relative Percer	nt Difference	2.0	3.6	7.8	2.4	2.9	2.5

METHODS: TPH GRO & DRO - EPA SW-846 8015 M; BTEX - SW-846 8260.

Date

H7739 XLS
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.

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AL LABORATORIES, INC.
11 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240

	(915) 673-7001	915) 673-7001 Fax (915) 673-7020 (5	(505) 393-2326 Fax (505) 393-2476	505) 393-2476			Page_	geof	
Company Name: 🛚 💪	Eddie Saa	P				ANALYSIS	REQUEST		
Project Manager: 💪	S and		BILLIO	PO #:					
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city: Holds	State: N Zip:	* Zip: \$8242	Attn:						
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PLEASE NOTE: Liability and Dam analyses. All claims including those service. In no event shall Carolnal	ages. Cardnat's liability and chent's of the digence and any other cause be liable for incidental or consequen	pt_BASE NOTE: Liability and Damages, Cardinat's laidity and deart's exclusive mensory for any claim arising whercher based in contract or tort, small be amised to me amount paid by the enter on the presented without of the processing and any other causes what is becemed waived unless made in writing and received by Cardinal within 30 days after complection of the processing and any other causes what becomed waived unless made in writing and received by Cardinal which 30 days after complection of the processing and the pr	ner based in contract or (ort, shall b s made in writing and received by C siness interruptions, loss of use, or i	s initied to the amount paid by the client for the ardinal within 30 days after completion of the ag oss of profits incurred by client, its subsidiaries	e client for the applicable is subsidiaries,	30 days past du and all costs of d	rerms and continuous; interest will be that got on an account at not enter 30 days past due at the rate of 24% per annum from the original date of invoice and all costs of collections, including attorney's fees.	you on an accounts more than in from the original date of in 's fees.	voice,
artiliates or successors arising out of or related to the performance Sampler Relinquished:	of or related to the performance of s	of services hereunder by Cardinal, regardess of wh Date: Received By:	Cardnal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.    Received By:   Phone Result   Ye	any of the above stated reasons or otherwise.  Phone Result   Yes		☐ No Additional Fax #:			
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+ Gafdinal cannot accept verbal changes. Please fax written changes to 915-673-7020.

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JUN 3 0 2003

June 24, 2003

OIL CONSERVATION DIVISION

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

RE: EPI Landfarm

Mrs. Kieling:

Within is the analytical for the retest of Cells 2 & 5. The samples were taken at a three foot depth, and holes filled with bentonite. Some surface soil must have fallen in the hole during original testing, the new test showed clean.

If you have any questions, please call.

Sincerely,

Eddie W. Seay, Agent

601 W. Illinois

Hobbs, NM 88242



PHONE (915) 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: 06/11/03 Reporting Date: 06/12/03 Project Owner: C. BETTIS Project Name: EPI LANDFARM

Project Location: EUNICE, N.M.

Sampling Date: 06/11/03 Sample Type: SOIL

Sample Condition: COOL & INTACT

2.9

Sample Received By: AH

2.6

Analyzed By: BC

GRO DRO ETHYL TOTAL **BENZENE** TOLUENE **BENZENE XYLENES** LAB NUMBER SAMPLE ID  $(C_6-C_{10})$ (>C<sub>10</sub>-C<sub>28</sub>) (mg/Kg) (mg/Kg) (mg/Kg) (mg/Kg) (mg/Kg) (mg/Kg) ANALYSIS DATE: 06/11/03 06/11/03 06/11/03 06/11/03 06/11/03 06/11/03 <0.005 <0.005 <0.005 <0.015 H7714-1 CELL 2 <10.0 <10.0 <0.005 H7714-2 CELL 5 <10.0 <10.0 <0.005 <0.005 <0.015 726 792 0.096 0.102 0.094 0.272 **Quality Control** True Value QC 800 800 0.100 0.100 0.100 0.300 90.6 % Recovery 90.8 99.0 96.3 102 94.0

1.6

5.0

7.6

METHODS: TPH GRO & DRO - EPA SW-846 8015 M; BTEX - SW-846 8260.

2.1

Burgess J.A. Cooke. Ph. D.

Relative Percent Difference

Date

H7714.XLS

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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ARDINAL LABORATORIES, INC. 2111 Beechwood, Abilene, TX 79603

101 East Marland, Hobbs, NM 88240 (505) 393-2326 Fax (505) 393-2476

Company Name: Project #:  $\mathcal{E} \rho$ Phone #: Address: L.O. Project Manager: PEASE NOTE: Libbilly and Danagos. Cardani's labilly and clearly exclusive restedy for any clean arising whether analyses. All cleans including those for negligence and any edian cause whetherever shall be decemed waters unless as services. In no event shall Cardani be labin for incidental or consequental damages, including without firstalics, busine Sampler Name: Project Location: Project Name: CP 1 FOR LAB USE ONLY Lab I.D. TI all 3 (915) 673-7001 Fax (915) 673-7020 63 Edlice & unico E Sample i.D. Lowetons Ill LAPIS Date: 611 Fax #: Project Owner: State: NW, Zip: Son XXmone (CIRDIB OR (C)OMP. # CONTAINERS 2458 GROUNDWATER WASTEWATER MATRIX SOIL CRUDE OIL si er tort, attell be deshed to the amoust pull by the dient for the d received by Candhal within 30 days after completion of the applicable loss of use, or loss of profits trouted by dient, its subsidiaries, SLUDGE Ωŧy: P.O. # State: OTHER : Fax #: Phone #: Attn: Company Address: ACID/BASE: PRESERV ICE / COOL 0.1 TUB OTHER: Zip: DATE SAMPLING 7:30 7:00 TIME BTEX 8018 ANALYSIS REQUEST Terms and Conditions: Interest will be disriped to days past due at the rate of 24% per serum and all costs of collections, including attorney's fi

Cool Intact

CHECKED BY: (Initials)

Sampler - UPS - Bus - Other:

Delivered By: (Circle One)

npler Relinquished:

Time: /0:30

Required By: (Lab Staff

Treatment Zona

CJ

RECEIVED

JUN 1 6 2003

Environmental Bureau
Oil Conservation Division

June 11, 2003

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

RE: EPI Landfarm Quarterly

Mrs. Kieling:

Within are the quarterly treatment zone tests for EPI Landfarm. The samples were taken at approximately a two foot depth. The sample holes were backfilled with bentonite. Also, an inspection was done at the facility during sampling and all was in compliance.

From the analytical, it looks like Cells 2 and 5 were a bit high. I am resampling these cells at a three foot depth. I will send update.

If you have any questions, please call.

Thanks,

Eddie W. Seay, Agent

601 W. Illinois

Hobbs, NM 88242



PHONE (915) 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 W. SEAY 601 W. ILLINOIS HOBBS, NM 88242 FAX TO:

Receiving Date: 05/29/03 Reporting Date: 06/03/03 Project Owner: C. BETTIS Project Name: EPI LANDFARM

Project Location: EUNICE, NM

Sampling Date: 05/29/03 Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: AH

Analyzed By: BC

•			•				-
LAB NUMBE	R SAMPLE ID	GRO $(C_6$ - $C_{10})$ $(mg/Kg)$	DRO (>C <sub>10</sub> -C <sub>28</sub> ) (mg/Kg)	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	_ TOTAL XYLENES (mg/Kg)
ANALYSIS D	ATE:	06/02/03	06/02/03	05/30/03	05/30/03	05/30/03	05/30/03
H7693-1	CELL #1	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
H7693-2	CELL #2	<10.0	146	<0.005	<0.005	<0.005	<0.015
H7693-3	CELL #3	<10.0	18.8	<0.005	<0.005	<0.005	<0.015
H7693-4	CELL #4	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
H7693-5	CELL #5	<10.0	148	<0.005	<0.005	<0.005	<0.015
H7693-6	CELL #6	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
H7693-7	CELL #7	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
H7693-8	CELL #8	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
H7693-9	CELL #9	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
H7693-10	CELL #10	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
				,			
<b>Quality Cont</b>	rol	746	794	0.096	0.104	0.096	0.274
True Value C	C	800	800	0.100	0.100	0.100	0.300
% Recovery		93.2	99.3	95.7	104	95.7	91.3
Relative Per	cent Difference	0.6	2.8	3.9	5.6	5.1	2.2

METHODS: TPH GRO & DRO - EPA SW-846 8015 M; BTEX - SW-846 8260.

Burgess V. A. Clocke. Ph. D.

Date

H7693.XLS

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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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

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† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

CHECKED BY:

Sample Condition

Received By: (Lab Staff)

Time:

Delivered Bv: (Circle One)

RECEIVED

FFR 1 8 2003

Environmental Bureau
Oil Conservation Division

February 17, 2003

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

RE: EPI Landfarm Quarterly

Mrs. Kieling:

Find attached the quarterly sampling of the various cells at EPI Landfarm. Samples were taken at approximately two ft. depth, and sample holes backfilled with bentonite. During sampling an inspection was conducted of the facility, all looked OK.

If you have any questions or need additional information, please call.

Sincerely,

Eddie W. Seay, Agent

Eldi w

601 W. Illinois

Hobbs, NM 88242





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: 02/11/03 Reporting Date: 02/12/03 Project Owner: C. BETTIS Project Name: EPI LANDFARM Project Location: EUNICE, NM Sampling Date: 02/11/03 Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: BC

Analyzed By: BC

LAB NO. S	SAMPLE ID	GRO (C <sub>6</sub> -C <sub>10</sub> ) (mg/Kg)	DRO (>C <sub>10</sub> -C <sub>28</sub> ) (mg/Kg)	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS [	DATE:	02/11/03	02/11/03	02/11/03	02/11/03	02/11/03	02/11/03
H7471-1 (	CELL #1	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
H7471-2 (	CELL #2	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
H7471-3 (	CELL #3	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
H7471-4 (	CELL #4	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
H7471-5 (	CELL #5	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
H7471-6 (	CELL #6	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
H7471-7 (	CELL #7	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
H7471-8 (	CELL #8	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
H7471-9 (	CELL #9	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
	",						
Quality Cont	trol	834	801	0.107	0.104	0.107	0.306
True Value (	JC	800	800	0.100	0.100	0.100	0.300
% Recovery		104	100	107	104	107	102
Relative Per	cent Difference	4.4	2.2	2.2	3.3	2.9	3.3

METHODS: TPH GRO & DRO - EPA SW-846 8015 M; BTEX - SW-846 8260.

Burgess J. A. Cooke. Ph. D.

Date

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

2111 Becchwood, Ablence, TV 79007 (10) East Martand Hobbs, MM 88240  Company Name: Ldd. Sa. (21) 673-700 (505) 383-226 Fax (805) 383-2476  ANTALYSIS REQUEST  Froject Manager: Ldd. Sa. (21) 673-700 (505) 383-2476  ANTALYSIS REQUEST  Froject Manager: Ldd. Sa. (21) 673-700 (505) 383-2476  ANTALYSIS REQUEST  Froject Manager: Ldd. Sa. (21) 673-700 (505) 383-2476  Project Manager: Ldd. Sa. (21) 673-		ON CHECKED BY: (Initials)	Sample Condition  Solitore Sylves Sylves  Nes Sylves	Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Deli
2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240 (918) 973-7001 Fax (915) 973-7020 (505) 393-2326 Fax (505) 393-2376  AN dishanger: Select Synthesis Synthesi		Lab Stam		quished By:	Reling
2111 Beechwood, Abilene, TX 79603 101 East Martland, Hobbs, NM 80240 (918) 973-7001 Fax (915) 973-7020 (505) 393-2326 Fax (505) 393-2376 amy Name: Fdd. (a) Sea. (a) Sea. (a) Sea. (505) 393-2326 Fax (505) 393-2376 d Hamager: Sea. (a) Sea.	□ Yes	REMAI	7	and and	Z
211 Beechwood, Abliene, TX 79603 101 East Marland, Hobbs, NM 89240 (915) 973-7001 Fax (915) 973-7020 (505) 993-2328 Fax (505) 993-2476  AN (Manager: Edd a) Sea Cante (NAS) (Cante (NAS) (C	"	Phone	Date: Received By:	Her Relinquished:	) Selection
211 Beechwood, Abliene, TX 79603 101 East Marland, Hobbs, NM 88240 (915) 973-7001 Fax (915) 973-7020 (505) 393-2326 Fax (505) 393-2376  AN CHARACTER STATE (NATA COMPANY)  ESS: 60 1	ı	terruptions, loss of use, or loss of profits fround by ar such claim is based upon any of the above stated a	eequeitsi demagos, including without limitation, business nos of services hersunder by Cardinal, regardess of what	in no event entil Cardinal be liable for incidental or on or successors entiting out of or related to the performs	emilates o
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2111 Beechwood, Abilene, TX 79603 101 East Marfand, Hobbs, NM 88240  Page 1073-7001 Fax (915) 673-7020 (505) 393-2236 Fax (505) 393-2476  ANALYSIS REQUEST  CM Manager: Cyl. C. M. S. C. M. S. C. M. S. C. C. M. S. C			X	1	
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211 Beechwood, Abliene, TX 79603 101 East Marland, Hobbs, NM 89240 (915) 673-7001 Fax (915) 673-7020 (505) 393-2326 Fax (505) 393-2476  ANALYSIS REQUEST  CMARINGET Fold Co. So. CANSURY  BEEL CO. J. J. C. CANSURY  State: WASS  State: WASS  State: WASS  State: WASS  State: WASS  State: WASS  State: WASS  State: WASS  State: WASS  State: WASS  State: WASS  State: WASS  State: WASS  Company  Chy. WASS  Company  Phone #:  ct. Location: Junity D. J. M.  PRES. SAMPLING  WASSIEWATER  SOIL SOIL STATE  COLUMN  COLU		7.5	VII	1 CAR #	
2111 Beechwood, Abilene, TX 78603 101 East Mariand, Hobbs, NM 88240  (915) 973-7001 Fax (915) 973-7020 (505) 393-2326 Fax (505) 393-2476  ANALYSIS REQUEST  cd Manager: Ldd. Ca Soa Cantary  Lidde Soa Cantary  Lidde Soa Cantary  British State: WZIP: 8/24/2 Authority  eff: 2. 7.3 & Company:  clip: WA 2. 2. 3 & Company:  clip: WA 2. 2. 3 & Company:  clip: WA 2. 2. 3 & Company:  clip: WA 2. 2. 3 & Company:  clip: WA 2. 2. 3 & Company:  clip: WA 2. 2. 3 & Company:  clip: WA 2. 2. 3 & Company:  clip: WA 2. 3 & Company:  clip: WA 2. 3 & Company:  clip: WA 2. 4 & Company:  clip: WA 2. 4 & Company:  clip: WA 3. 4 & Company:  clip: WA 3. 5 & Company:  clip: WA 4. 5 & Company:  clip: WA 4. 5 & Company:  clip: WA 4. 5 & Company:  clip: WA 4. 5 & Company:  clip: WA 4. 5 & Company:  clip: WA 4. 5 & Company:  clip: WA 4. 5 & Company:  clip: WA 4. 5 & Company:  clip: WA 4. 5 & Company:  clip: WA 4. 5 & Company:  clip: WA 4. 5 & Company:  clip: WA 4. 5 & Company:  clip: WA 4. 5 & Company:  clip: WA 4. 5 & Company:  clip: WA 4. 5 & Company:  clip: WA 4. 5 & Company:  clip: WA 4. 5 & Com				The Coll #	
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2111 Beechwood, Abilene, TX 79603 101 East Mariand, Hobbs, NM 88240  [915] 673-7001 Fax (915) 673-7020 (505) 393-2326 Fax (505) 393-2476  ANALYSIS REQUEST  ct Manager: Add (2) Sea. Constitution  Light State: Wask  Estate: Wask  State: Wask  State: Wask  City		2/11 6.30/	< \	1 × × × × × × × × × × × × × × × × × × ×	-
2111 Beechwood, Abilene, TX 79603 101 East Mariand, Hobbs, NM 88240  (915) 673-7001 Fax (915) 673-7020 (505) 393-2326 Fax (505) 393-2476  Sany Name: F. dd. (2) Sea. Constitution of the control of the c	BTE	ACID: ICE / COOL OTHER : DATE	(CRABOR (C)OME # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL		
2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240  (915) 873-7001 Fax (915) 673-7020 (505) 393-2326 Fax (505) 393-2476  ANALYSIS REQUEST  Ct Manager: Zold ( ) Soa ( ) MSTATION   BSILL 100   Po#:  255: (40 ( ) TR ( ) MSTATION   Po#:  255: (40 ( ) TR ( ) MSTATION   Po#:  256: (41 ( ) Soa ( ) MSTATION   Po#:  257: (42 ( ) Soa ( ) MSTATION   Phone #:  Ct Name: EPT   and Farm   Phone #:  Ct Location: Zuniyo)   J. M   Fax #:		ZĖS.	-	i	 02
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  Page  Page  ANALYSIS REQUEST  Company:  Again  Bill III  Bond  ANALYSIS REQUEST  City:  Again  City:  Phone #:  Phone	0	Fax #:	N.M	Zunizo	<u>ဝ</u> ူ
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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  Dany Name: F. dd (2) Soa Constitution  Company: Company:  11 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240  Page  Page  ANALYSIS REQUEST  Company:  11 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240  Page  ANALYSIS REQUEST  Company:  11 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240  Page  ANALYSIS REQUEST  Company:  12 Company:  City: M)  City: M)  City: M)  City: M)	)	1	et Owner: C Dallis	T43	Projec
2111 Beechwood, Abilene, TX 79603 101 East Mariand, Hobbs, NM 88240  (915) 673-7001 Fax (915) 673-7020 (505) 393-2326 Fax (505) 393-2476  Page  CHANAGE: Edd (Q) Sea Constitution  CHANAGE: LOG (Q) Sea Constitution  Page  ANALYSIS REQUEST  Company:  Company:  Bill 100 Hours For Hobbs, NM 88240  Page  ANALYSIS REQUEST  Company:  Address (Q) State: UNZIP: \$13442  Address (R) Address (R) Address (R)  Address (R) Address (R)  Address (R) Address (R)  Address (R) Address (R)  Address (R) Address (R)  Address (R) Address (R)  Address (R) Address (R)  Address (R) Address (R)  Address (R) Address (R)  Address (R) Address (R)  Address (R) Address (R)  Address (R) Address (R)  Address (R) Address (R)  Address (R) Address (R)  Address (R) Address (R)  Address (R)  Address (R)  Address (R)  Address (R)  Address (R)  Address (R)  Address (R)  Address (R)  Address (R)  Address (R)  Address (R)  ANALYSIS REQUEST  Address (R)  Addre		city: VM ()		9.	Fax#
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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  Fig. 1		110 PO	1	College S	Proje
101 East Mariand, Hobbs, NM 88240	Page	393-2326 Fax (505) 393-2476 1	1		Comp
		ast Mariand, Hobbs, NM 88;		2111 Beechw	

† Cardinal cannot accept verbal changes. Please fax written changes to 915-673-7020.

### RECEIVED

DEC 0 9 2002

Environmental Bureau Oil Conservation Division

December 5, 2002

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

RE: EPI Landfarm Quarterly Sampling

Mrs. Kieling:

Within are the treatment zone monitoring samples from the various cells at EPI Landfarm. Samples were taken at approximately a 2 ft. depth and holes were filled with bentonite.

If you have any questions, please call.

Sincerely,

Eddie W. Seay, Agent

Elli wes

601 W. Illinois

Hobbs, NM 88242





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: 11/22/02 Reporting Date: 11/27/02 Project Owner: C. BETTIS

Project Name: EPI LANDFARM
Project Location: EUNICE, NM

Sampling Date: 11/22/02 Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: AH

Analyzed By: BC

LAB NO.	SAMPLE ID	GRO (C <sub>6</sub> -C <sub>10</sub> ) (mg/Kg)	DRO (>C <sub>10</sub> -C <sub>28</sub> ) (mg/Kg)	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS	DATE:	11/23/02	11/23/02	11/26/02	11/26/02	11/26/02	11/26/02
H7243-1	CELL #1	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
H7243-2	CELL #2	<10.0	<10.0	< 0.005	<0.005	<0.005	<0.015
H7243-3	CELL #3	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
H7243-4	CELL #4	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
H7243-5	CELL #5	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
H7243-6	CELL #6	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
H7243-7	CELL #7	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
H7243-8	CELL #8	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
H7243-9	CELL #9	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
Quality Co	ntrol	827	826	0.107	0.103	0.101	0.290
True Value	QC	800	800	0.100	0.100	0.100	0.300
% Recover	у	103	103	107	103	101	96.8
Relative Pe	ercent Difference	10.9	1.1	1.4	1.1	2.0	2.5

METHODS: TPH GRO & DRO - EPA SW-846 8015 M; BTEX - SW-846 8260.

Burgess J. A. Cooke. Rh. D.

Date

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page of	ANALYSIS REQUEST							· · ·	W Ce	7 3)	J- X:	72 718			)	) > >		, ,		7		<i>y</i>	Terms and Conditions: blavest will be charged on all accounts more than 30 days part about the rank of 35% per wants from the original date of haulton and all control of collections. Includes all through the collections and the collections are set of the collections and the collections are controlled to the collections and the collections are collected to the collections and the collections are collected to the collections are collected to the collections are collected to the collections are collected to the	SAL SAL		1 + 1 + 200 -	Nonest less man less		. ,
obbs, NM 88240	RH TO	N .	Company:	Attn:	Address:	chy:	State: Zip:	Phone #:	Fax #:	PRESERV. SAMPLING		COOL BASE:		11/32 6:45		S. 7 .30	V " 8:15"	\$	00;00	2	7.50	2	besed in content or bot, also be limited to the amoust puel by the clear for the mode in writing and resoluted by Certain within 30 days after contention of the application to the content of the application to the content of the content to clear the advantage of the content to content to the advantage.	in based upon my of the above stated reserve or otherwise.	Fax Result: REMARKS:		<u>პ</u>	n CHECKED BY: (initials)	
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₹X Y	Company Name:	Project Manager.	Address: (a)	1_9	. 2	_	Project Name:	Project Location:	Sampler Name:	FOR LAB USE ONLY		Lab I.D.		H7243-11	ر الاخ.	-3	h-	-5	<u>م</u> - ا		۲٥٥		PLEASE NOTE: Liability on analyses. At claims including	earwice. In his event also ca affiliates or eucosesors artist		Relinquished By:		Delivered By: (Circle One)	Sampler - UPS - Bus - Other:

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476.

August 30, 2002

## RECEIVED

## SEP 0 4 2002

Environmental Bureau Oil Conservation Division

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

RE: EPI Landfarm Quarterly

Mrs. Kieling:

Within are the analytical for the treatment zone sampling at the various cells from EPI Landfarm.

If you have any questions, please call.

Sincerely,

Eddie W. Seay, Agent

Eldin W Sun

601 W. Illinois

Hobbs, NM 88242





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: 08/21/02 Reporting Date: 08/26/02 Project Owner: C. BETTIS Project Name: EPI LANDFARM

Project Location: EUNICE, NM

Sampling Date: 08/21/02 Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: AH

Analyzed By: BC

**GRO** DRO ETHYL TOTAL TOLUENE **XYLENES** LAB NUMBER SAMPLE ID  $(C_{6}-C_{10})$ (>C<sub>10</sub>-C<sub>28</sub>) BENZENE BENZENE (mg/Kg) (mg/Kg) (mg/Kg) (mg/Kg) (mg/Kg) (mg/Kg) ANALYSIS DATE: 08/21/02 08/21/02 08/23/02 08/23/02 08/23/02 08/23/02 H6973-1 CELL #1 <10.0 <10.0 < 0.005 <0.005 <0.005 <0.015 <10.0 <10.0 <0.005 <0.005 <0.015 H6973-2 CELL#2 <0.005 H6973-3 CELL#3 <10.0 <10.0 < 0.005 < 0.005 < 0.005 <0.015 H6973-4 CELL #4 <10.0 <10.0 <0.005 <0.005 <0.005 <0.015 <10.0 H6973-5 CELL #5 <10.0 < 0.005 < 0.005 < 0.005 < 0.015 H6973-6 CELL#6 <10.0 <10.0 < 0.005 < 0.005 < 0.005 < 0.015 H6973-7 CELL #7 <10.0 <10.0 <0.005 < 0.005 <0.005 <0.015 H6973-8 CELL#8 <10.0 <10.0 <0.005 <0.005 <0.005 <0.015 <10.0 <10.0 <0.005 H6973-9 CELL #9 <0.005 <0.005 <0.015 0.104 0.106 0.309 **Quality Control** 788 768 0.111 True Value QC 800 800 0.100 0.100 0.100 0.300 % Recovery 98.4 96.0 111 104 106 103 7.3 4.7 Relative Percent Difference 2.2 5.6 <0.1 3.8

METHODS: TPH GRO & DRO - EPA SW-846 8015 M; BTEX - SW-846 8260.

Burgess J.A. Cooke, Ph. D.

Data

H6973.XL



ARDINAL LABORATORIES, INC.

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				101 East Mariand, Hobbs, NM 88240	Z	Hobb	Tend.	i Na	ij		2111 Beechwood, Abilene, TX 79603	2111 B	•

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

RE: EPI Quarterly

Mrs. Kieling:

Within are the quarterly treatment zone samples for EPI Landfarm, Eunice, NM. Samples were taken at approximately 2 ft below the land treatment area. Holes were filled with bentonite. An inspection of the facility was conducted at this time, and all was in compliance.

If you have any questions, please call.

Thanks,

Eddie W. Seay, Agent

601 W. Illinois

Hobbs, NM 88242

Eddw he





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

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

Receiving Date: 05/22/02 Reporting Date: 05/23/02 Project Owner: C. BETTIS

Project Name: EPI LANDFARM
Project Location: EUNICE, NM

Sampling Date: 05/21/02 Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: AH

Analyzed By: BC

LAB NUMBER SAMPLE ID	GRO (C <sub>6</sub> -C <sub>10</sub> ) (mg/Kg)	DRO (>C <sub>10</sub> -C <sub>28</sub> ) (mg/Kg)	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS DATE:	05/22/02	05/22/02	05/23/02	05/23/02	05/23/02	05/23/02
H6761-1 CELL 1	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
H6761-2 CELL 2	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
H6761-3 CELL 3	<10.0	<10.0	<0.005	<0.005	< 0.005	<0.015
H6761-4 CELL 4	<10.0	<10.0	<0.005	<0.005	< 0.005	<0.015
H6761-5 CELL 5	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
H6761-6 CELL 6	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
H6761-7 CELL 7	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
H6761-8 CELL 8	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
Quality Control	790	800	0.106	0.105	0.106	0.305
True Value QC	800	800	0.100	0.100	0.100	0.300
% Recovery	98.8	100	106	105	106	102
Relative Percent Difference	6.3	4.6	1.7	1.4	0.3	0.4

METHODS: TPH GRO & DRO - EPASW-846 8015 M; BTEX - SW-846 8260.

Burgess J. A. Cooke Ph. D.

Date

H6761.XLS
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses.
All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

NA A	ARDINAL LABORATORIES, 2111 Beechwood, Abilene, TX 79603 (915) 673-7001 Fax (915) 673-7020	), <i>INC.</i> 101 East Marland, Hobbs, NM 88240 1505) 393-2326 Fax (505) 393-2476	Hobbs, NM 88240				Pageof	
Company Name:	Eddie Sea Consu	u				ANALYSIS RI	REQUEST	L
Project Manager.	Fild in Sepa		P.O. #					
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City: Holy	State: Nym	ZIp: 97240	Attn:					
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Project 🕏 💆	Project Owner:	( Bethis	City:					
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## RECEIVED

MAR 0 6 2002

Environmental Bureau
Oil Conservation Division

March 2, 2002

NMOCD Environmental Bureau ATTN: Martyne J. Kieling P.O. Box 6429 1220 S. St. Francis Drive Santa Fe, NM 87504

RE: EPI Landfarm, Quarterly Test

Mrs. Kieling:

Enclosed is the quarterly treatment zone analysis for the various cells. Samples were taken at approximately 24 in. and the bore holes were backfilled with bentonite. Also, an inspection of the facility was conducted, all was in compliance.

If you have any questions, please call.

Sincerely,

Eddie W. Seay, Agent

Eldri When

601 W. Illinois

Hobbs, NM 88242

## **ECD** Environmental, Inc.

Client: Eddie Seay Consulting

Project: EPI Quarterly
Project Manager: Eddie Seay

**Project Number:** 

Date Collected: 2/23/02 Date Received: 2/25/02 Sample Matrix: Soil **Extraction Date: 2/25/02** 

## **EPA Method 8015 DRO**

Heal ID	Client ID	Dilution	TPH (DRO) (mg/kg)	Analysis Date
022502-11	Cell 1	1	ND	2/26/02
022502-12	Cell 2	1	ND	2/26/02
022502-13	Cell 3	1	ND	2/26/02
022502-14	Cell 4	1	ND	2/26/02
022502-15	Cell 5	1	ND	2/26/02
022502-16	Cell 6	1	ND	2/26/02
022502-17	Cell 7	1	ND	2/26/02
022502-18	Cell 8	1	ND	2/26/02
Extraction Blan	k	1	ND.	2/26/02

## QC/QA

Sample ID	Sample Amount	Spike	Recovery	%Recovery
022502-3 MS	ND	100 ppm	104 ppm	104
022502-3 MSD	100		106 ppm	

## ECD Environmental, Inc.

Client: Eddie Seay Consulting

Project: EPI Quarterly

Project Manager: Eddie Seay

**Project Number:** 

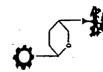
Date Collected: 2/23/04 Date Received: 2/25/02 Sample Matrix: Soil

**Extraction Date: 2/25/02** 

## **EPA Method 8021 BTEX**

Heal ID	Client ID	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-Benzene (mg/kg)	Total Xylenes (mg/kg)
022502-11	Cell 1	ND	ND	ND	ND
022502-12	Cell 2	ND	ND	ND	ND
022502-13	Cell 3	ND	ND	ND	ND
022502-14	Cell 4	ND	ND	ND	ND
022502-15	Cell 5	ND ·	ND	ND	ND
022502-16	Cell 6	ND	ND	ND	ND
022502-17	Cell 7	ND	ND	ND	ND
022502-18	Cell 8	ND	ND	ND	ND
MRL	•	0.05	0.05	0.05	0.05

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ECD Environmental, Inc.

### RECEIVED

1000mbar 12 2001

Environmental Bureau
Oil Conservation Division

DEC 26 2001

December 12, 2001

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

RE: EPI Landfarm quarterly sampling

Mrs. Kieling:

Find enclosed the sampling for EPI Landfarm treatment zone monitoring. Samples were taken at approximately 2 ft. depths and holes were backfilled with bentonite. During the sampling exercise an inspection of the facility was conducted, all was in compliance.

If you have any questions, please call.

Sincerely,

Eddie W. Seay, Agent

601 W. Illinois

Hobbs, NM 88242



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: 11/20/01 Reporting Date: 12/03/01 Project Number: EPI

Project Name: EPI LANDFARM Project Location: EUNICE, NM

Sampling Date: 11/19/01 Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: AH

Analyzed By: AH

### TCLP METALS

LAB NUMBER SAMPL	E ID As	. Ag	Ва	Cd	Cr	Pb	Hg	Se
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
ANALYSIS DATE:	11/30/01	11/28/01	11/28/01	11/28/01	11/28/01	11/28/01	11/28/01	12/01/01
EPA LIMITS:		5	100	1	5	5	0.2	1
H6287-1 CELL 1	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H6287-2 CELL 2	· <1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H6287-3 CELL 3	· <1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H6287-4 CELL 4	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H6287-5 CELL 5	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H6287-6 CELL 6	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H6287-7 CELL 7	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
H6287-8 CELL 8	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1
Quality Control	0.152	4.946	22.10	1.014	4.664	4.665	0.0092	0.051
True Value QC	0.150	5.000	25.00	1.000	5.000	5.000	0.0100	0.050
% Accuracy	101	98.9	88.4	101	93.3	93.3	92.0	102
Relative Percent Differen	ence 2.0	0.1	1.8	0.2	0.9	0.9	7.7	0.3
METHODS: EPA 1311,	600/4-79 206.2	272.1	208.1	213.1	218.1	239.1	245.1	270.2

Sayle Althur

/Z/03/200/ Date/

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES, INC.

Company Name: Eddis Sampler Relinquished: Sampler -Relinquished By: Project Name: K.EASE KOTTE: Libbity and Denmyon, Cardwats malesse, Af claims: Including those for negligators service, In no event athal Cardwal be table for both militate or excossors artely out of or related to the Project #: & P Address: Project Location: Thomas: 392.223 Project Manager: Lab I.D. 4668 Delixered By: (Circle One) er Name: SUBE ONLY 1 ۱ <u>ک</u> J (g) UPS - Bus - Other: 2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240 Coll Cop Cell Cell (915) 673-7001 Fax (915) 673-7020 (505) 393-2326 Fax (505) 393-2476 Cel Eddy ages, Cardwar's leability and obset's san 222/201 Sample LD. τ h б and town الا 3. W 02/11 To the Fax# Date: Project Owner: Time: State: NW ZIP: 87242 Consulting (4)RABOR (C)OMP. Received By: (Lab Staff) Received By: Ø रु # CONTAINERS GROUNDWATER Cool Intact Sample Condition WASTEWATER MATRIX SOIL CRUDE OIL SLUDGE Status Attn: P.O. # Ω<del>1</del>γ: OTHER: Phone #: Address: Company ACID/BASE: PRESERV CHECKED BY: (Initials) ICE/COOL BILL TO OTHER: --- ways most exceptedon of the explicable tracted by closel, he extended ex-tense gradual -----Zip: creet paid by the chart for the SAMPLING E 119 6 51.6 Phone Result: [Fax Result: [REMARKS: Tet 40 345 10:25 10:05 54/01 11/20 00.11 HE Quarterly treatment zone sample 8015 ☐Yes ☐No Add1Phone ☐Yes ☐No Add1Fax#: ANALYSIS REQUEST Add'l Phone #: Terral and Conditionar Interest will be sharped on at a 20 days past due at the raise of 20% per errum them the end at come of collections, including attempts free. Page\_ of 20% per errum from the eightel date of invite

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476.



## NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON
Governor
Carol Leach
Acting Cabinet Secretary

January 30, 2002

Lori Wrotenbery
Director
Oil Conservation Division

## <u>CERTIFIED MAIL</u> <u>RETURN RECEIPT NO. 7099-3220-0000-5051-2917</u>

Mr. Eddie W. Seay EPI Landfarm 601 W. Illinois Hobbs, New Mexico 88240

RE: Approval for additional lifts

Environmental Plus Inc., Permit NM-01-0013

SW/4 NW/4 of Sec. 14, and SE/4 NE/4 of Sec. 15, Twn. 22 South, Rng. 37 East,

NMPM, Lea County, New Mexico

Dear Mr. Seay:

The New Mexico Oil Conservation Division (OCD) has received Environmental Plus, Inc's (EPI) request and analytical results dated October 31, 2001 for authorization to apply another lift to Cell-4 and Cell-5. Based on the information provided Cell-4 and Cell 5 are hereby approved for the addition of a successive lift.

Note that with the addition of successive lifts EPI must continue maintenance and treatment zone monitoring. If EPI wants to move the soils from the facility separate OCD authorization must be granted.

In addition the soil from Cell-4 and Cell-5 are herby approved with the following recycling uses:

- 1. Rebuild roads, and
- 2. Rebuild berms within the landfarm area.

Application of these soils in the approved projects listed above must not result in run-off into any waters of the U.S. If EPI wants to move the soils from Cell-4 and Cell-5 for any other use than those approved here separate OCD authorization must be granted.

Please be advised that the OCD approval does not relieve EPI of liability should their operation result in pollution of the ground water, surface water or the environment. In addition, OCD



Mr. Eddie Seay January 30, 2002 Page 2

approval does not relieve EPI of the responsibility for compliance with other federal, state and/or local regulations.

If you have any questions please do not hesitate to contact me at (505) 476-3488.

Sincerely,

Martyne J. Kieling

**Environmental Geologist** 

xc: OCD Hobbs Office

#### RECEIVED

# NOV n 5 2001

Environmental Bureau Oil Conservation Division

October 31, 2001

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

RE: EPI Landfarm

Dear Mrs. Kieling:

Find within analytical for cells 4 and 5 at EPI Landfarm. Since we have met the OCD criteria for BTEX and TPH, EPI would like to use the soil from the two cells to rebuild roads and berms within the landfarm area. After we have used the soil from the cell areas, we will level the cells and would like to add another lift, and continue operations.

If you have any questions, please call. Look forward to hearing from you.

Sincerely,

Eddie W. Seay, Agent

Eli W Se

601 W. Illinois

Hobbs, NM 88242

(505)392-2236

Client: Eddie Seay Consulting

**Project:** EPI Cells

Project Manager: Eddie Seay

**Project Number:** 

Date Collected: 9/11/01 Date Received: 9/11/01 Sample Matrix: Soil Extraction Date: 9/12/01

### **EPA Method 8015 DRO**

Heal ID	Client ID	Dilution	TPH (DRO) (mg/kg)	Analysis Date
0091201-3	Cell 4	. 1	41	9/12/01
0091201-4	Cell 5	1	65	9/12/01
Extraction Blan	ık	1	ND	9/12/01

Sample <u>ID</u>	Sample Amount	Spike	Recovery	%Recovery
0091201-1 MS	ND	100 ppm	96 ppm	96%
0091201-1 MSD	100		91 ppm	

Client: Eddie Seay Consulting

**Project:** EPI Cells

Project Manager: Eddie Seay

Project Number:

Date Collected: 9/11/01 Date Received: 9/11/01 Sample Matrix: Soil Extraction Date: 9/12/01

Heal ID	Client ID	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-Benzene (mg/kg)	Total Xylenes (mg/kg)
0091201-3 0091201-4	Cell 4 Cell 5	ND ND	ND ND	ND ND	ND ND
MRL		0.05	0.05	0.05	0.05

CHAIN-OF-CUSTODY RECORD  CHAIN-OF-CUSTODY RECORD  Project Hums:  CHAIN-OF-CUSTODY RECO	•	N D D									,	4/11	9/4	Date	Fax #:	<b>4</b>				Address:	7	Client:	CHAI	
Project Name:    Project Name:	Time:	Time:										7:30	Jam	Time							A. is	FP J	N-OF-	
Remarks:    Project Name:   Pr	Relinquish	Relinquish												Matrix								7	CUSTO	
Remarks:    BTEX + MTBE + TMB's (8021)   BTEX + MTBE + TPH (Gasoline Only)   TPH Method 4015B MOD (Gas/Diesel)   TPH (Method 418.1)   T	ed By: (Signature)	ed By: (Signature)										5 100 263	EPT GOD 4	Sample I.D. No.						_	Consultina	and form	DY RECORD	
Remarks:    BTEX + MTBE + TMB's (8021)   BTEX + MTBE + TPH (Gasoline Only)   TPH Method 4015B MOD (Gas/Diesel)   TPH (Method 418.1)   T	Received	Received									\	2- 402	2-403	Number/Volume	Samples Cold?:	Sampler. Ed	Eddie	Project Manager	E	•	CAC	Project Name:	·	
BTEX + MTBE + TMB's (8021)  BTEX + MTBE + TPH (Gasoline Only)  TPH Method 8015B MOD (Gas/Diesel)  TPH (Method 418.1)  ANALYSIS  RCRA 8 Metals  Cations (Na, K, Ca, Mg)  Anions (F, CI, NO <sub>3</sub> , NO <sub>2</sub> , PO <sub>4</sub> , SO <sub>4</sub> )	3 By/(Si	JBy: (Si												HgC <sub>2</sub>		2,21	کم ا	)	B	l	2	•		
Remarks:  BITEX + MTBE + TMB's (8021)  BITEX + MTBE + TPH (Gasoline Only)  TPH Method 8015B MOD (Gas/Diesel)  TPH (Method 418.1)  ANALYSIS RECRA 8 Metals  Cations (Na, K, Ca, Mg)  Anions (F, Cl, NO <sub>3</sub> , NO <sub>2</sub> , PO <sub>4</sub> , SO <sub>4</sub> )	gnature)	gnature)	)		_									HCI	M Yes	5	1	6	2	-	\$			
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TPH Method 8015B MOD (Gas/Diesel) TPH (Method 418.1)  ANALYS  B310 (PNA or PAH) RCRA 8 Metals Cations (Na, K, Ca, Mg) Anions (F, CI, NO <sub>3</sub> , NO <sub>2</sub> , PO <sub>4</sub> , SO <sub>4</sub> )		Rem											*	BTEX +	MTBE 4	TMB	's (802	21)	<b>'</b>					
TPH (Method 418.1)  ANALYSS  8310 (PNA or PAH)  RCRA 8 Metals  Cations (Na, K, Ca, Mg)  Anions (F, Cl, NO <sub>3</sub> , NO <sub>2</sub> , PO <sub>4</sub> , SO <sub>4</sub> )		arks:													-					-				
8310 (PNA or PAH)  RCRA 8 Metals  Cations (Na, K, Ca, Mg)  Anions (F, CI, NO <sub>3</sub> , NO <sub>2</sub> , PO <sub>4</sub> , SO <sub>4</sub> )																	<del></del>	145/U	16361)			$\Diamond$		
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8310 (PNA or PAH)   1755   1						<u> </u>				 							···			AN				
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Cations (Na, K, Ca, Mg)  Anions (F, CI, NO <sub>3</sub> , NO <sub>2</sub> , PO <sub>4</sub> , SO <sub>4</sub> )  8081 Pesticides / PCB's (8082)  Air Bubbles or Headspace (Y or N)														RCRA 8	Metals					IS R				
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				<u> </u>	<u> </u>								<u> </u>	Air Bubb	oles or	Heads	pace (	Y or N	N)		Y		Inc	



### OCT 17 2001

Environmental Bureau
Oil Conservation Division

September 10, 2001

NMOCD Environmental Bureau ATTN: Martyne J. Kieling P.O. Box 6429 1220 S. Santa Francis Drive Santa Fe, NM 87504

RE: EPI Landfarm - Quarterly Sampling

Mrs. Kieling:

Find within the quarterly testing of the treatment zone from the various cells at EPI Landfarm. Samples were taken at approximately 2 ft. below ground surface and sample holes backfilled with bentonite.

Also, at this time, I conducted an inspection of the facility, all was OK.

If you have any questions, please call.

Sincerely,

Eddie W. Seay, Agent

601 W. Illinois

Hobbs, NM 88242

(505)392-2236

Client: Eddie Seay Consulting

Project: EPI Quarterly

Project Manager: Eddie Seay

**Project Number:** 

Date Collected: 8/26/01 Date Received: 8/28/01 Sample Matrix: Soil Extraction Date: 8/28/01

#### **EPA Method 8015 DRO**

Heal ID	Client ID	Dilution	TPH (DRO) (mg/kg)	Analysis Date
082801-1	Cell 1	1	ND	8/28/01
082801-2	Cell 2	1	ND	8/28/01
082801-3	Cell 3	1	ND	8/28/01
082801-4	Cell 4	1	ND	8/28/01
082801-5	Cell 5	1	ND	8/28/01
082801-6	Cell 6	. 1	ND	8/28/01
082801-7	Cell 7	1	ND	8/28/01
082801-8	Cell 8	1	ND	8/28/01
Extraction Blan	k	1	ND	8/28/01

Sample ID	Sample Amount	Spike	Recovery	%Recovery
082801-1 MS	ND	100 ppm	108 ppm	108%
082801-1 MSD	100		102 ppm	

Client: Eddie Seay Consulting

**Project:** EPI Quarterly

Project Manager: Eddie Seay Project Number:

Date Collected: 8/26/01 Date Received: 8/28/01 Sample Matrix: Soil Extraction Date: 8/28/01

Heal ID	Client ID	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-Benzene (mg/kg)	Total Xylenes (mg/kg)
082801-1 082801-2 082801-3 082801-4 082801-5 082801-6 082801-7	Cell 1 Cell 2 Cell 3 Cell 4 Cell 5 Cell 6 Cell 7	ND ND ND ND ND ND ND	ND ND ND ND ND ND	ND ND ND ND ND ND	ND ND ND ND ND ND ND
MRL		0.05	0.05	0.05	0.05

Project Remains  Reservations   S   S   S   S   S   S   S   S   S   S	Solution   Solution	
Sand   Sand	## 20	State   Stat
BTEX+MTBE+TMB's (8021)  BTEX+MTBE+TPH (Gasoline Only)  CCC C C C C TPH Method 8015B MOD (Gas/Diesel)  TPH (Method 418.1)	BTEX + MTBE + TMB's (8021)  BTEX + MTBE + TPH (Gasoline Only)  TPH (Method 8015B MOD (Gas/Diesel)  TPH (Method 418.1)  ANALYSIS  RCRA 8 Metals  Cations (Na, K, Ca, Mg)  Anions (F, CI, NO <sub>3</sub> , NO <sub>2</sub> , PO <sub>4</sub> , SO <sub>4</sub> )	BTEX + MTBE + TMB's (8021)  BTEX + MTBE + TPH (Gasoline Only)  TPH (Method 8015B MOD (Gas/Diesel)  TPH (Method 418.1)  B310 (PNA or PAH)  RCRA 8 Metals  Cations (Na, K, Ca, Mg)  Anions (F, CI, NO <sub>2</sub> , NO <sub>2</sub> , PO <sub>4</sub> , SO <sub>4</sub> )
TPH (Method 418.1)	C   C   C   C   C   C   TPH Method 8015B MOD (Gas/Diesel)   TPH (Method 418.1)	C   C   C   C   C   C   TPH Method 80158 MOD (Gas/Diesel)   TPH (Method 418.1)
B310 (PNA or PAH)	8310 (PNA or PAH)  RCRA 8 Metals  Cations (Na, K, Ca, Mg)  Anions (F, CI, NO <sub>3</sub> , NO <sub>2</sub> , PO <sub>4</sub> , SO <sub>4</sub> )	8310 (PNA or PAH)  RCRA 8 Metals  Cations (Na, K, Ca, Mg)  Anions (F, Cl, NO <sub>3</sub> , NO <sub>2</sub> , PO <sub>4</sub> , SO <sub>4</sub> )  8081 Pesticides / PCB's (8082)
	RCRA 8 Metals Cations (Na, K, Ca, Mg) Anions (F, Cl, NO <sub>3</sub> , NO <sub>2</sub> , PO <sub>4</sub> , SO <sub>4</sub> )	RCRA 8 Metals  Cations (Na, K, Ca, Mg)  Anions (F, CI, NO <sub>3</sub> , NO <sub>2</sub> , PO <sub>4</sub> , SO <sub>4</sub> )  8081 Pesticides / PCB's (8082)

INSTRUCTION DIVI

June 4, 2001

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

RE: EPI Landfarm - Quarterly Sampling

Mrs. Kieling:

Within are the quarterly tests for the treatment zone at EPI Landfarm. Samples were taken at approximately two feet, and hole backfilled with bentonite. Also, an inspection of the facility was conducted, all was OK.

If you have any questions, please call.

Sincerely,

Eddie W. Seay, Agent

601 W. Illinois

Hobbs, NM 88242

(505)392-2236

Client: Eddie Seay Consulting

Project: EPI Quarterly

Project Manager: Eddie Seay

**Project Number:** 

Date Collected: 5/22/01 Date Received: 5/23/01 Sample Matrix: Soil Extraction Date: 5/23/01

#### **EPA Method 8015 DRO**

Heal ID	Client ID	Dilution	TPH (DRO) (mg/kg)	Analysis Date
0052301-1	Cell 1	1	ND	5/24/01
0052301-2	Cell 2	1	ND	5/24/01
0052301-3	Cell 3	1	ND	5/24/01
0052301-4	Cell 4	1	ND	5/24/01
0052301-5	Cell 5	1	ND	5/24/01
0052301-6	Cell 6	1	ND	5/24/01
0052301-7	Cell 7	1	ND	5/24/01
0052301-8	Cell 8	1	ND	5/24/01
Extraction Blank		1	ND	5/24/01

<u>Sample ID</u>	Sample Amount	<u>Spike</u>	Recovery	%Recovery
00523-10 MS	ND	100 ppm	101 ppm	101%
00523-10 MSD	100		97 ppm	

Client: Eddie Seay Consulting

**Project:** EPI Quarterly

Project Manager: Eddie Seay

**Project Number:** 

Date Collected: 5/22/01 Date Received: 5/23/01 Sample Matrix: Soil

**Extraction Date:** 5/23/01

Heal ID	Client ID	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-Benzene (mg/kg)	Total Xylenes (mg/kg)
0052301-1 0052301-2 0052301-3 0052301-4 0052301-5 0052301-6 0052301-7 0052301-8	Cell 1 Cell 2 Cell 3 Cell 4 Cell 5 Cell 6 Cell 7 Cell 8	ND ND ND ND ND ND ND	ND ND ND ND ND ND ND	ND ND ND ND ND ND ND	ND ND ND ND ND ND ND
MRL		0.05	0.05	0.05	0.05

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Eddie Sany Consulting Freedrich EPI Landform  LOI WILLIAM STATE COMP EPI Landform  LOI WILLIAM STATE COMP EPI Landform  C. Both C W Sanghi LD No. Namber Moham Preserviting  Discount Coll & 3  Preserviting Discount (Sasy Discount)  BTEX+ MTBE + TMB's (8021)  BTEX+ MTBE + TMH (Gasoline Only)  TPH (Method 418.1)  PH (Method 418.1)  RCRA 8 Metals  Cations (Na. K, Ca. Mg)  Anions (F, CI, NO <sub>3</sub> , NO <sub>2</sub> , PO <sub>4</sub> , SO <sub>4</sub> )  Anions (F, CI, NO <sub>3</sub> , NO <sub>2</sub> , PO <sub>4</sub> , SO <sub>4</sub> )	BTEX+MTBE+TMB's (8021)  BTEX+MTBE+TMB's (8021)  BTEX+MTBE+TPH (Gasoline Only)  TPH (Method 418.1)  B310 (PNA or PAH)  RCRA 8 Metals  Cations (Na, K, Ca, Mg)  Anions (F, CI, NO <sub>3</sub> , NO <sub>2</sub> , PO <sub>4</sub> , SO <sub>4</sub> )  Anions (F, CI, NO <sub>3</sub> , NO <sub>2</sub> , PO <sub>4</sub> , SO <sub>4</sub> )			-	-			-		_	<b>\</b>			_		2	011 # 6		19:10	-
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Eddie Sucy Consulting Project Rums:  LO1 W III. Was Project Rums:  LO2 W III. Was Project Rums:  C Botts  C Botts  C Botts  C Botts  D W Servicios  Fine Habits  Servicios No. No. No. No. No. POA. SOA)  BTEX + MTBE + TPH (Gasoline Only)  TPH Method 8015B MOD (Gas/Diesel)  TPH (Method 418.1)  B310 (PNA or PAH)  RCRA 8 Metals  Cations (Na. K, Ca. Mg)  Anions (F. CI, NO.3, NO.2, POA. SOA)	Project Name:  Projec							-	-	~	✓.				,	5			8:20	15
Eddie Sau Consulting Proposition EPI Landfarm:  LOI W III. Market Police Cold. Rept Quarterly  BTEX+MTBE+TMB's (8021)  BTEX+MTBE+TMB (Gasoline Cnly)  TPH (Method 8015B MOD (Gas/Diesel)  TPH (Method 418.1)  B310 (PNA or PAH)  RCRA B Metalis  Cations (Na, K, Ca, Mg)  Anions (F, CI, NO3, NO2, PO4, SO4)	Project Rept Questerly  BTEX + MTBE + TMB's (8021)  BTEX + MTBE + TPH (Gasoline Only)  TPH Method 8015B MOD (Gas/Diesel)  TPH (Method 418.1)  RCRA 8 Metals  Cations (Na, K, Ca, Mg)  Anions (F, Cl, NO <sub>3</sub> , NO <sub>2</sub> , PO <sub>4</sub> , SO <sub>4</sub> )				-	-				<del> </del>	<u> </u>				٢	1	1		300	5/22
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H-OF-CUSTOBY RECORD  Edd (e Sury Consulting Project Reme:  EDI Landfarm  LOI W III. (2001'S Project Remoder:  ANALYSIS REDUES  Only (Diesel)  ANALYSIS REDUES  Solice State (Diesel)  ANALYSIS REDUES  Solice State (Diesel)	Project Name:  EPI Landform  Fried Manager:  Project Name:  ECD  ANALYSIS REDUES  SO4				0)			 <del></del>	ioo (c	_				0	तु इ					
M-OF-CUSTODY RECORD  Eddie Sway Consulting Projection:  EPI Landfarm  LOI W Illinois Projection  EPI Quantianly  ERECORD  ANALYSIS REQUES  ANALYSIS REQUES	Project Name:  EPI Landform  Fraject #:  EPT Quanteurly  EST ST ST ST ST ST ST ST ST ST ST ST ST S		-	4. SC	· · · · · · ·			 	aas/U							Project M				
M-OF-CUSTODY RECORD  Frequence Project Home:  LOI W Illinois Project #:  LOI W Illinois Project #:	Project Name:  EPI Landform  ANALYSIS REDUES			(4)				 	(429)			چ	اليواليون	ø	4	EP	88242	U.M	dobs	B
M-OF-CUSTODY RECORD  Eddie Shay Consulting Project Home:  EPI Landfarm	Project Name:  EPI Landform			Sant	22.0	SIS	É						L			Project #:	Illinois	3	1	Address
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		mental,	Environ			e e		18									DY RECOZD	Custo	# OF	CHA



March 16, 2001

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

RE: EPI Landfarm, Quarterly Sampling

Mrs. Kieling:

Find within the quarterly sampling and testing for EPI Landfarm. Samples were taken at approximately 2 ft. depth. Holes were backfilled with bentonite. Samples were tested for TPH and BTEX.

If you have any questions, please call.

Sincerely,

Eddie W. Seay, Agent

601 W. Illinois

Hobbs, NM 88242

(505)392-2236

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JAN 117

January 5, 2001

Martyne J. Kieling NMOCD Environmental Bureau 2040 South Pacheco St. Santa Fe, NM 87505

RE: Quarterly sampling EPI Landfarm Eunice, NM

Dear Mrs. Kieling:

Find within quarterly sampling and testing for the treatment zones for EPI Landfarm. Samples were taken at a depth of approximately 24 inches and holes backfilled with bentonite.

If you have any questions or need additional information, please call.

Sincerely,

Eddie W. Seay, Agent

601 W. Illinois

Hobbs, NM 88242

(505)392-2236

MJ 2-17-0

Client: Eddie Seay Consulting

**Project:** EPI Quarterly

Project Manager: Eddie Seay

**Project Number:** 

Date Collected: 11/27/00 Date Received: 11/28/00 Sample Matrix: Soil

Extraction Date: 11/29/00

Heal ID	Client ID	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-Benzene (mg/kg)	Total Xylenes (mg/kg)
001129-1 001129-2 001129-3 001129-4 001129-5 001129-6 001129-7	Cell 1 Cell 2 Cell 3 Cell 4 Cell 5 Cell 6 Cell 7	ND ND ND ND ND ND	ND ND ND ND ND ND	ND ND ND ND ND ND	ND ND ND ND ND ND
MRL .		0.05	0.05	0.05	0.05

S V1L	SVI ANALYTICAL,	CAL.	ENC.	• •	Kellogg, Idaho		REE 83837-0929	REPORT OF ANAL. 39 8 Phone: (208) 784-1258	OF ANALYTICAL RESUL	ICAL 1	Fax: (208)783-
										:	Page I o
CLIENT	CLIBNT : HALL ENVIRONMENTAL	ENTAL		7S	Sample Re	e Receipt :12/08/00		Date of Report :12/15/00	t :12/15/00	or Tas	SVL JOB No. :96:
ar ans	CLIEST SAPLE ID	Test Fet fod	Ag 6010 <b>B</b>	AB 6010B	<b>9</b> (	BA 6010B	cd 6010B	Cr 6010B	Pb 6010B	Se 6010B	
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W251061 W251062	0012027-11ACEN 1 12/04/00 0012027-12ACEN 2 12/04/00	12/04/00	<0.005mg/L <0.005mg/L	0.0	0.01mg/L 0.02mg/L	2.12mg/L 1.75mg/L	<0.002mg/L <0.002mg/L	<0.006mg/1. <0.006mg/1.	<0.005mg/L <0.005mg/L	<0.01mg/L <0.01mg/L	<0.0004mg/

Date: 12/15/00

Reviewed By: Glake

SVL ANALYTICAL, INC.				RE	0	RTC	Ę,	REPORT OF ANALYTICAL REGU	CHC	Ą	RESTO
One Government Gulch P.O. Box 929	•	Kellogg, Id	laho	ellogg, Idaho 83837-0929 m Phone: (208)784-1258		Phone:	(208	784-1258	•	Fax:	■ Fax: (208)7
		Į									State Contract

CLIENT	CLILENT SHALL ENVIRONMENTAL	7		A Company			colorist and so sand	20 /20 /20 .	Ou goo mag	
SVL ID	CLIBEL SAMPLE ID	Test	Ag 6010B	A# 6010B	Ba 6010B	cd 6010B	Cr 6010B	Pb 6010B	Se 6010B	
W251358	W251358 0012027-134 CH 3 12/04/00	12/04/00	<0.01mg/L	0.21mg/L	0.866mg/L	<0.004mg/L	<0.012mg/1.	0.020mg/L	<0.02mg/l. <0.00(	<0.00
W251359	0012027-14h (C() 4 12/04/00	12/04/00	<0.01mg/L	<0.02mg/1.	1.53mg/L	<0.004mg/L	<0.012mg/L	<0.01mg/L	<0.02mg/l	<0.00
W251360	0012027-15ACL11 S 12/04/00	12/04/00	<0.01mg/l	0.05mg/L	1.56mg/l	<0.004mg/L	<0.012mg/L	<0.01mg/1.	<0.02mg/l	<0.00(
W251361	W251361 0012027-164 (CV) 6 12/04/00	12/04/00	<0.01mg/L	0.04mg/L	1.19mg/L	<0.004mg/L	<0.012mg/L	<0.01mg/L	<0.02mg/l	000
W251362	0012027-174 (C/17 12/04/00	12/04/00	<0.01mg/l	0.03mg/L	1.32mg/L	<0.004mg/L	<0.012mg/L	<0.01mg/L	<0.02mg/L	000

Date: /

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CHA	Client:		Address:	#			Phone #:	Fax #:	Date		ulan	2	=	11	11	3	I					$\neg$	Date:

September 5, 2000



NMOCD Environmental Bureau ATTN: Martyne J. Kieling

2040 S. Pacheco Santa Fe, NM 87505

RE: EPI Landfarm, Quarterly Sampling

Dear Mrs. Kieling:

The quarterly analytical sampling for EPI Landfarm is within. The samples were taken at approximately 2 ft. depths and holes backfilled with bentonite. Also, the landfarm was inspected checking berms, fences, etc., all were ok.

If you need additional information or have any questions, please call.

Sincerely,

Eddie W. Seay, Agent

601 W. Illinois

Hobbs, NM 88242

(505)392-2236

Migo

Client: Eddie Seay Consulting Project: EPI Quarterly

Project Manager: Eddie Seay

**Project Number:** 

**Date Collected: 8/14/00** Date Received: 8/15/00 Sample Matrix: Soil **Extraction Date: 8/15/00** 

Heal ID	Client ID	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-Benzene (mg/kg)	Total Xylenes (mg/kg)
000815-1	Cell 1	ND	ND	ND	ND
000815-2	Cell 2	ND	ND	ND	ND
000815-3	Cell 3	ND	ND	ND	ND
000815-4	Cell 4	ND	ND	ND	ND
000815-5	Cell 5	ND	ND	ND	ND
000815-6	Cell 6	ND	ND	ND	ND
MRL		0.05	0.05	0.05	0.05

Client: Eddie Seay Consulting

**Project:** EPI Quarterly

Project Manager: Eddie Seay

**Project Number:** 

Date Collected: 8/14/00 Date Received: 8/15/00 Sample Matrix: Soil Extraction Date: 8/15/00

### **EPA Method 8015 DRO**

Heal ID	Client ID	Dilution	TPH (DRO) (mg/kg)	Analysis Date
000815-1	Cell 1	1	ND	8/16/00
000815-2	Cell 2	1	ND	8/16/00
000815-3	Cell 3	1	ND	8/16/00
000815-4	Cell 4	1	ND	8/16/00
000815-5	Cell 5	1	ND	8/16/00
000815-6 ~4	ee Attached			3, = 1, 0 0
Extraction Bla	•	1	ND	8/16/00

Sample ID 000815-1 MS	Sample Amount	Spike	Recovery	%Recovery
	ND	100 ppm	97 ppm	97
000517-2 MSD	100		99	

Client: Eddie Seay Consulting Project: EPI Quarterly Project Manager: Eddie Seay Project Number:

Date Collected: 8/14/00 Date Received: 8/15/00 Sample Matrix: Soil Extraction Date: 8/15/00

## EPA Method 8015 DRO

Heal ID	Client ID	Dilution	TPH (DRO) (mg/kg)	Analysis Date
000815-1 000815-2 000815-3 000815-4 000815-5 000815-6	Cell 1 Cell 2 Cell 3 Cell 4 Cell 5 Cell 6	i i i i 1	ND ND ND ND ND ND	8/16/00 8/16/00 8/16/00 8/16/00 8/16/00
Extraction Bi	. ****	1	ND	8/16/00

Sample ID	Sample Amount	Spike	Recovery	%Recovery
000815-1 MS	ND	100 ppm	97 ppm	97
000517-2 MSD	100		99	

Dale: Time: Re	Date: Time: And Rel							14 8:35	81.4 8:15	8/14 7:30	8/14 7:20	84:7 4:18	81:9 41/8		Date Time N	Fax#: 2 -6949	10 #: 2. 2236			Hobbs W.M	Address: La I		Client: Edd, e	CHAIN-OF-CUSTODY RECORD
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Relinquished By: (Signature)	Relinquished By: (Signature)							Cll 6	CU 5	Cell 4	Cell 3	<u>ि</u>	Cell 1		Sample I.D. No.			•			I'll a Nous		4 Consullina	DY RECORD
Received By: (Signature)	Received By/(Signature)							~~	=	1.2	"	· ·	2 موا		Number/Volume	Samples Cold?:	Sampler: Eddi	Chaw! a	Project Manager:	Stat hardstarm	Project *:	EPI	Project Name:	
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NMOCD Environmental Bureau ATTN: Martyne J. Kieling 2040 S. Pacheco Santa Fe, NM 87505

RE: Quarterly analysis for EPI Landfarm

Dear Mrs. Kieling:

Find within the quarterly treatment zone analysis for EPI Landfarm. The samples were taken at 2 foot depths and sample holes backfilled with bentonite clay. Also, an inspection of the facility was done checking fences, berms, disking and general welfare of the site, all was ok.

If you have any questions or need additional information, please call.

Sincerely,

Eddie W. Seay, Agent

Eldi ws

601 W. Illinois

Hobbs, NM 88242

(505)392-2236

Mylaros

Client: Eddie Seay Consulting Project: EPI Quarterly

Project Manager: Eddie Seay Project Number:

**Date Collected:** 5/15/00 Date Received: 5/17/00 Sample Matrix: Soil Extraction Date: 5/18/00

## **EPA Method 8015 DRO**

Heal ID	Client ID	Dilution	TPH (DRO) (mg/kg)	Analysis Date
000517-1	Cell 1	1	ND	5/19/00
000517-2	Cell 2	1	ND	5/19/00
000517-3	Cell 3	1	ND	5/19/00
000517-4	Cell 4	1	ND	5/19/00
000517-5	Cell 5	1	ND	5/19/00
Extraction Blan	k	1	ND	5/19/00

<u>Sample</u> <u>ID</u>	Sample Amount	<u>Spike</u>	Recovery	%Recovery
000517-2 MS	ND	100 ppm	101 ppm	101
000517-2 MSD	100		99	

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**CHAIN-OF-CUSTODY RECORD** 



ECD Environmental, Inc.

MAR | 3 2000

March 10, 2000

NMOCD Environmental Bureau 2040 South Pacheco Santa Fe, NM 87505 ATTN: Martyne J. Kieling

RE: Quarterly testing EPI Landfarm

Dear Mrs. Kieling:

Find within analytical data for the treatment zone monitoring for EPI Landfarm. Samples were taken at two foot depths and boring backfilled with bentonite. Inspection of landfarm was conducted for compliance, all was ok.

If you have any questions or need additional data, please call.

Sincerely,

Eddie W. Seay, Agent

Eldi WS

601 W. Illinois

Hobbs, NM 88242

(505)392-2236

Client: Eddie Seay Consulting Project: EPI Quarterly

Project Manager: Eddie Seay

**Project Number:** 

**Date Collected: 2/23/00** Date Received: 2/24/00 Sample Matrix: Soil **Extraction Date: 2/25/00** 

## **EPA Method 8015 DRO**

Heal ID	Client ID	Dilution	TPH (DRO) (mg/kg)	Analysis Date
000224-1	EPI 1	1	65	2/25/00
000224-2	EPI 2	1	ND	2/25/00
000224-3	EPI 3	1	ND	2/25/00
000224-4	EPI 4	1	ND	2/25/00
000224-5	EPI 5	1	ND	2/25/00
Extraction Bla	nk	1	ND	2/25/00

<u>Sample ID</u>	Sample Amount	Spike	Recovery	%Recovery
000224-3 MS	ND	100 ppm	97 ppm	97
000224-3 MSD	100		102	·

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