District I 1625 N. French Dr., Hobbs, NM 88240 District II 1301 W. Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico **Energy Minerals and Natural Resources**

1

Form C-141 Revised March 17, 1999

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505

Submit 2 Copies to appropriate District Office in accordance with Rule 116 on back side of form

Polosso Notification and Corrective Action

	OPERAT		Keleas	se ino	tilication	and Co		Initial Report		al Report
Name of Co					. <u></u>	Contac	لی <u>با</u> t	пппат кероп		
Apache Co							Tinsley			
Address							one No.			
		New Mexico	88231			505.39				
Facility Nar	ne					Facilit				
NEDU 809								ystem line	<u> </u>	·
Surfa en Orre							200	130000	Lease N	T -
Surface Ow C.A. Bettis	ner				Mineral Owr	ier			Lease N	10.
C.A. Deuis					<u>L</u>		·		·	····
·····					OCATION			<u></u>		
Unit Letter H	Section 22	Township T21S	Range R37E	Feet fro	om the North	South Line	Feet from	the East/West I	ine County	: Lea
	<u></u>	Lati	tude: 32	2º 28' 0.	0"N	I.o	ngitude:	103° 8' 40.1"\	N	<u> </u>
<u></u>		Lati		. 20 0.	<u> </u>		iigitude.	105 0 40.1		
		-]	NATURE C					
Type of Rele						Volume o			Volume Rec	
Produced Wa Source of Re						600-800	barrels Hour of Oco	urrence	480 barrel	s our of Discovery
Water injecti		ne				10/21/200		Jurionee	10/21/2005	
Was Immedia	ate Notice Gi	·				If YES, T				
			(es ∐]	No []	Not Required	Paul Kaut				
By Whom?						Date and				
Mike Warren Was a Water		ed? Yes	No			10/21/200		acting the Water	ourse	
Wasa Water	course reach					NA NA	orune mpe	acting the water	ouise.	
If a Watercou NA	urse was Imp	acted, Describe	e Fully.*			•				
2" Fiberglass 480 garrels o	injection pip	ater.	The line wa	ıs shut ir	n and repaired an	d a vacuum	trucks were	e utilized to reco	ver and dispos	e of approximately
The site will will not be ca	be delineated apable of imp	acting local gr	ed in accor oundwater	dance w in exce	ss of the 250 mg	/L New Me	cico Water (Commission S	r a concentration that tandard; TPH 8015m Kg.
										o NMOCD rules and
regulations a	Il operators a	re required to a	report and/	or file c	ertain release no	tifications and NMOCD m	nd perform (arked as "Fi	corrective action	s for releases v	which may endanger te operator of liability
should their o	operations ha	ve failed to ad	equately in	vestigat	e and remediate	contaminati	on that pose	a threat to grou	nd water, surfa	ace water, human
					ce of a C-141 rep	ort does not	relieve the	operator of resp	onsibility for a	compliance with any
other federal,	, state, or loca	al laws and/or	regulations	8.				CONCEDU	TION DI	VICION
Signature:							UIL	CONSERVA		<u>v 151011</u>
Printed Name	e: Bryan Tin	sley				Approv	ed by Distr	ict Supervisor:		
Title: Area S	Supervisor	••• •••				Approv	al Date:		Expiration	Date:
Date:		Phone: 505.39	94.2743			Conditi	ons of App	roval:		Attached
* Attac	h Additio	nal Sheets	If Neces	ssary		L	£		n#	21
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appl	licati	en-p) PA(-04	27540 ,2754	076				

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STATE APPROVED LAND FARM AND ENVIRONMENTAL SERVICES

ENVIRONMENTAL PLUS, INC.

August 24, 2006

Mr. Larry Johnson, Environmental Engineer New Mexico Oil Conservation Division 1625 North French Hobbs, New Mexico 88240

Re: Delineation Report and Remediation Proposal Apache Corporation NEDU 809, (Ref. #240011) UL- H of Section 22, T21S, R37E Latitude 32° 28' 0.9"N and Longitude 103° 08' 40.1"W Landowner: C.A. Bettis API#30025067300000

Dear Mr. Johnson:

On October 21, 2005, Environmental Plus, Inc. (EPI) was retained by Apache Corporation (Apache) to document, mitigate and remediate the injection water release that occurred at the above referenced location (reference C-141).

MITIGATION

After the line was shut-in and repaired, initial mitigation activities commenced with the disposal of approximately 480 barrels of saline produced water (i.e., 3,200 to 3,700 mg/L chloride as per Apache) recovered from the surface pooling areas followed by stockpiling of the saturated near surface soil in a 10 mil polyethylene lined and bermed soil storage area. The initial C-141 was submitted to the New Mexico Oil Conservation Division (NMOCD) on October 28, 2005.

CURRENT REMEDIATION STATUS

Impacted soils to a depth of 5 to 7-feet below ground surface within the initial spill area perimeter have been excavated and represent an estimated volume of 5,655 yd³. From October 24, 2005 to November 1, 2005, 1,736 yd³ of impacted soil were transported to Sundance for disposal; the remaining estimated volume of 3,919 yd³ is stockpiled on site and has an average chloride concentration of 828 mg/Kg.

NOVEMBER 1, 2005 DELINEATION SUMMARY

On November 1, 2005, to confirm remediation status, as directed by Apache, soil samples were collected from the floor of the excavation and from the stockpiled soil and submitted to the laboratory for quantification of chloride residuals. Analytical results for the stockpile samples ranged from 720 mg/Kg to 880 mg/Kg and are in excess of the NMOCD chloride remedial goal of 250 mg/Kg. Analytical results for the samples collected from the floor of the excavation ranged from an acceptable 112 mg/Kg in the southeast flowpath north sample to 848 mg/Kg in the north flowpath and central flowpath samples (reference *Figure 1, Figure 2 and Table 1*). Laboratory TPH and BTEX analyses will be performed on selected closure samples to confirm acceptable levels but were not warranted during this sampling event. This delineation of the floor of the excavation did not adequately delineate the vertical extent of this release, consequently, to determine the vertical extents of impact, Apache proposed to collect soil samples from four strategically located soil borings (reference *Figure 2*) at 5-foot vertical intervals and submit to an independent laboratory for chloride analysis. This proposal, (reference previously submitted letter report dated January 20, 2006, Re: Status Report and Delineation Proposal), was subsequently approved by the NMOCD and implemented on February 3, 2006.

P.O. BOX 1558 ••• 2100 WEST AVE. O TELEPHONE 505•394•3481 ••• EUNICE, NEW MEXICO 88231 FAX 505•394•2601

Coache

FEBRUARY 3, 2006 DELINEATION SUMMARY

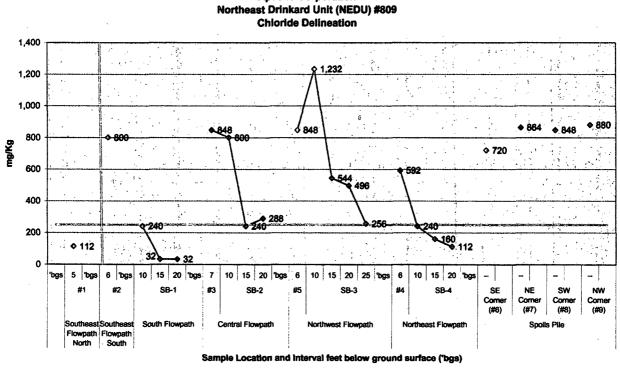
Prior to advancing the soil borings and collecting the samples, the NMOCD was notified as was the New Mexico ONE CALL system. The soil borings were advanced with a hollow stem auger drill rig and discrete samples collected at the prescribed intervals with a decontaminated stainless steel split spoon sampler. A ramp was excavated on the southwest edge of the excavation to facilitate drill rig access to the floor of the excavation. The analytical results are summarized in Table 1 and illustrated below.

Soil Boring 1 (SB-1) was located in the south flowpath and advanced to 20-feet bgs. All samples were less than 250 mg/Kg.

Soil Boring 2 (SB-2) was located in the central flowpath and advanced to 20-feet bgs. The chloride concentrations ranged from 800 mg/Kg in the 10-foot bgs sample to 240 mg/Kg in the 15-foot bgs sample, however the 20-foot bgs sample increased to 288 mg/Kg.

Soil Boring 3 (SB-3) was located in the northwest flowpath, nearest the leak origin, and advanced to 25-feet bgs. The chloride concentrations ranged from 1,232 mg/Kg in the 10-foot bgs sample to 256 mg/Kg in the 25-foot bgs sample.

Soil Boring 4 (SB-4) was located in the northeast flowpath and advanced to 20-feet bgs. The chloride concentrations ranged from 240 mg/Kg in the 10-foot bgs sample to 112 mg/Kg in the 20-foot bgs sample.



Laboratory Chloride 250 mg/Kg Chloride Remedial Goal

Apache Corporation

Figure 2

DISCUSSION OF ANALYTICAL RESULTS

The analytical results collected to date indicate chloride impact in excess of the 250 mg/Kg NMOCD remedial goal persists in the floor of the excavation in all flowpath sectors with the exception of the southeast flowpath north sample location at 5-feet bgs. The vertical extent of impact ranges from 10-feet bgs in the northeast and south flowpaths to 20-feet bgs in the northeast flowpath and 25-feet bgs in the northwest flowpath. The vertical extent in the southeast flowpath south sample location is greater than 6-feet bgs and was not accessible by the drill rig.

TABLE	2	
Apache Corp	oration	
Northeast Drinkard Ur	nit (NEDU)#80)9
Sample Location	Sampling Interval	Laboratory Chloride
	(FT. BGS)	mg/Kg
Southeast Flowpath North	5	112
Southeast Flowpath South	6	800
South Flowpath	10	240
Central Flowpath	20	288
Northwest Flowpath	25	256
Northeast Flowpath	10	240
Spoils Pile Southeast Corner	'	720
Spoils Pile Northeast Corner		864
Spoils Pile Southwest Corner		848
Spoils Pile Northwest Corner		880
NMOCD	Remedial Goal	250

REMEDIATION AND FINAL DELINEATION PROPOSAL

Apache proposes to delineate the vertical extent of chloride impact in the area of the southeast flowpath south sample location and remediate impacted soils down to a depth of 6-feet bgs by disposing in an NMOCD approved facility and, to prevent vertical migration, isolate the remaining chloride source term with an impermeable barrier. To verify adequate removal of impacted soils, soil samples will be collected from the sides of the excavation and submitted to an independent laboratory for chloride analysis. Selected samples will be analyzed for TPH and BTEX. Below is the generalized procedure being proposed.

- Advance a soil boring in the area of the southeast flowpath south sample location to delineate the vertical extent of chloride impact in excess of the NMOCD remedial goal;
- Dispose of the stockpiled soil in the Sundance facility;
- Collect samples of the sides of the excavation at 25-feet horizontal intervals and analyze for chloride to identify soils impacted above the 250 mg/Kg NMOCD remedial goal;
- Excavate and dispose of soil impacted in excess of the 250 mg/Kg NMOCD remedial goal down to a depth 6-feet bgs;
- Collect samples of the sides of the excavation at 25-feet horizontal intervals and analyze for chloride to identify soils impacted above the 250 mg/Kg NMOCD remedial goal;
- Analyze selected samples for TPH and BTEX;
- Submit analytical results to the NMOCD and notify of intent to install liner;
- Receive approval from NMOCD to proceed with liner installation;
- Contour and smooth the floor of the excavation to be slightly higher in the central part of the excavation to promote shedding of storm water;

- Install a 20 mil thick polyethylene liner to isolate and prevent vertical migration of the chloride source term remaining below the 6-feet bgs interval;
- Backfill the excavation with local clean soil and reseed; and
- Prepare and submit final closure documentation and final C-141.

Apache Corporation will implement this proposal upon approval by the NMOCD.

Should you have any questions or concerns please feel free to contact me at (505)394-3481 or Mr. Bryan Tinsley at (505)394-2743. All official communications should be addressed to:

Apache Corporation Bryan Tinsley, Area Supervisor P.O. Box 1849 Eunice, New Mexico 88231

Sincerely,

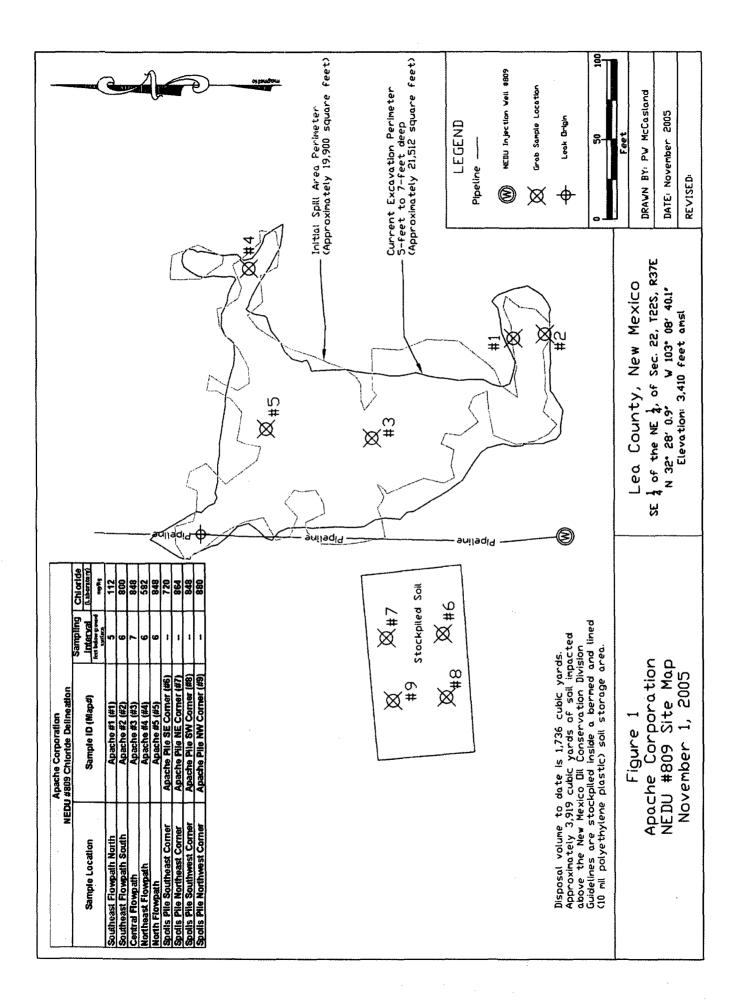
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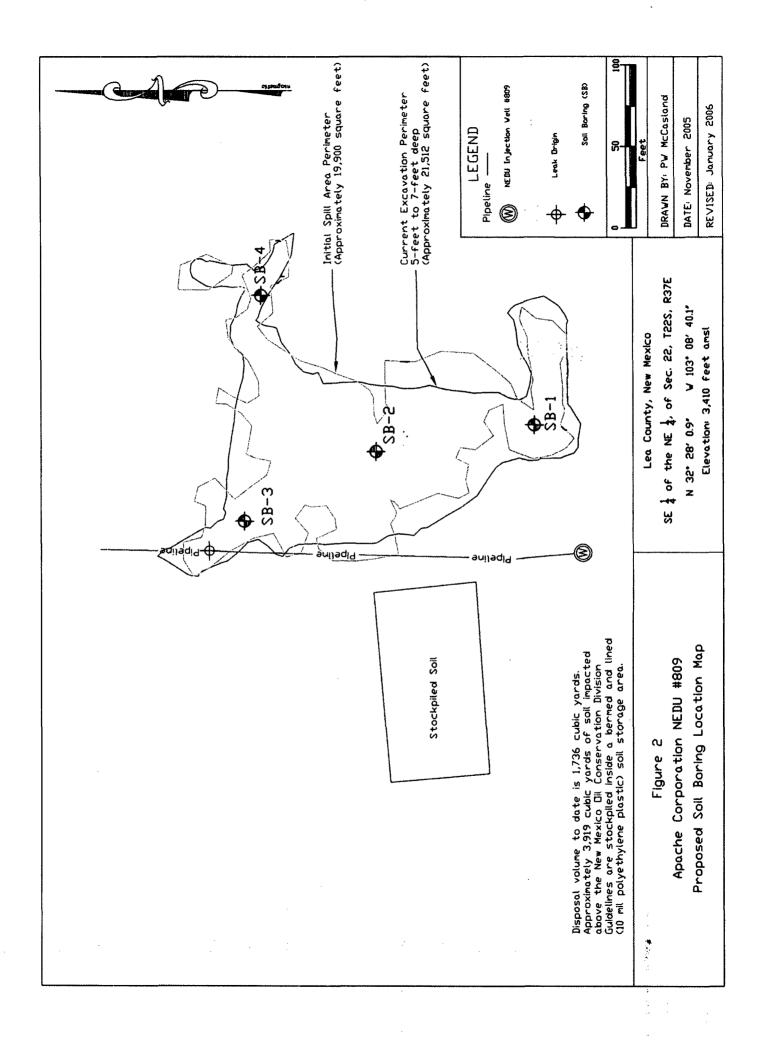
Pat McCasland Senior Consultant

cc: Bryan Tinsley, Apache Corporation (Bryan.Tinsley@ApacheCorp.com) Guinn Burks, Apache Corporation (Guinn.Burks@ApacheCorp.com) Mike Warren, Apache Corporation (Mike.Warren@ApacheCorp.com) David Woolf, Apache Corporation (David.Woolf@ApacheCorp.com) file

Exhibits:

Figure 1 – Sample Location Map Figure 2 – Soil Boring Map Aerial Map and possible drill pit Table 1 – Analytical Results Summary Laboratory Reports Photographs Site Information and Metrics Form C-141 obache





					Northeast Drinkard Unit (NEDU)#809	nkard Unit	NEDU #	±809								
Sample Location	SAMPLE ID#	Date	Sampling Interval	Soil Status (excavated or in- situ)	Lithology	voc²	GRO ³	* 0	TPH ⁵	BTEX	Benzene	Toluene	Ehtylbenzene	m,p, & o Xylene	Laboratory Chloride	Corrected Field Chloride
			(PT: BGS)	(mm		andd	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	me/Ke	œ/Ke	≡€/K¢	œg/Kg
Southeast Flowpath North	Apache #1 (#1)	9/26/2003	5	in-situ	Red Sand	1.70	10	10	20	na	na	na	an	na	112	40
Southeast Flowpath South	Apache #2 (#2)	9/26/2003	\$	in-situ	Red Sand	1.40	вп	na	ца В	na A	na	ua U	na	na	008	880
	SB-1 10-11	2/3/2006	10	in-situ	Red Sand	na	10	10	20	0.015	0.005	0.005	0.005	0.015	240	
South Flowpath	SB-1 15-16	2/3/2006	15	in-situ	Red Sand	na	na	na	na	na	na	na	na	na	32	
	SB-1 20-21	2/3/2006	20	in-situ	Red Sand	na	10	10	20	0.015	0.005	0.005	0.005	0.015	32	
	Apache #3 (#3)	9/26/2003	7	in-situ	Red Sand	0.90	na	na	na	na	na	na	na	na	848	840
Central Flownath	SB-2 10-11	2/3/2006	10	in-situ	Red Sand	na	10	10	20	0.015	0.005	0.005	0.005	0.015	800	
	SB-2 15-16	2/3/2006	15	in-situ	Red Sand	na	na	na	an A	ца	na	na	a B	na Na	240	
	SB-2 20-21	2/3/2006	20	in-situ	Red Sand	an L	10	10	20	0.015	0.005	0.005	0.005	0.015	288	
	Apache #5 (#5)	9/26/2003	6	in-situ	Red Sand	0.60	an Da	an A	na	na	na	an A	na	U3	848	920
	SB-3 10-11	2/3/2006	10	in-situ	Red Sand	na	10	10	20	0.015	0.005	0.005	0.005	0.015	1232	
Northwest Flowpath	SB-3 15-16	2/3/2006	15	in-situ	Red Sand	ua L	an A	na	na	na	na	an A	en Da	na	544	
	SB-3 20-21	2/3/2006	20	in-situ	Red Sand	ua	na	na	na	па	na	na	вп	na	496	
	SB-3 25-26	2/3/2006	25	in-situ	Red Sand	nà	10	10	20	0.015	0.005	0.005	0.005	0.015	256	
	Apache #4 (#4)	9/26/2003	6	in-situ	Red Sand	0.80	па	ы		na	na	na	na	na	592	820
Northeast Flownsth	SB-4 10-11	2/3/2006	10	in-situ	Red Sand	na	10	10	20	0.015	0.005	0.005	0.005	0.015	240	
	SB-4 15-16	2/3/2006	15	in-situ	Red Sand	па	na	na	na	na	na	na	га	na	160	
	SB-4 20-21	2/3/2006	20	in-situ	Red Sand	ra	10	10	20	0.015	0.005	0.005	0.005	0.015	112	
Spoils Pile Southeæst Corner	Apache Pile SE Corner (#6)	9/26/2003	. 1	excavated	Red Sand	0.20	eu	ua	па	2	e E	na	ца Па	UB	072	008
Spoils Pile Northeast Comer	Apache Pile NE Corner (#7)	9/26/2003	1	CE C2 Vated	Red Sand	0.40	10	10	20	na	na	na	t u	вп	19 8	998
Spoils Pile Southwest Corner	Apache Pile SW Corner (#8)	9/29/2003	1	ercavated	Red Sand	1.70	вп	na	na	na	na	na	na	na	848	860
Spoils Pile Northwest Corner	Apache Pile NW Comer (#9)	9/29/2003	1	ercavated	Red Sand	1.60	ru a	na	ua.	ua	na	na	na	ra U	088	920
Background (300-fe ct south)	NEDU 809 Background	9/29/2003	Surface	in-situ	Red Sand	1.20	t na	ua.	na	US	en B	na	ua	еu	80	50
		New Mexi	co Oil Const	New Mexico Oil Conservation Division Remedial Goals	Remedial Goals	100.00			1,000	50	10				250	
¹ bgs – below ground surface	ace			- ^	^b bolded values are in excess of the New Mexico Oil Conservation Division guideline threshold for the parameter 2	te in excess	of the Nev	v Menico (Dil Cons	rvation L	ivision gu	ideline thr	eshold for the pa	trameter		

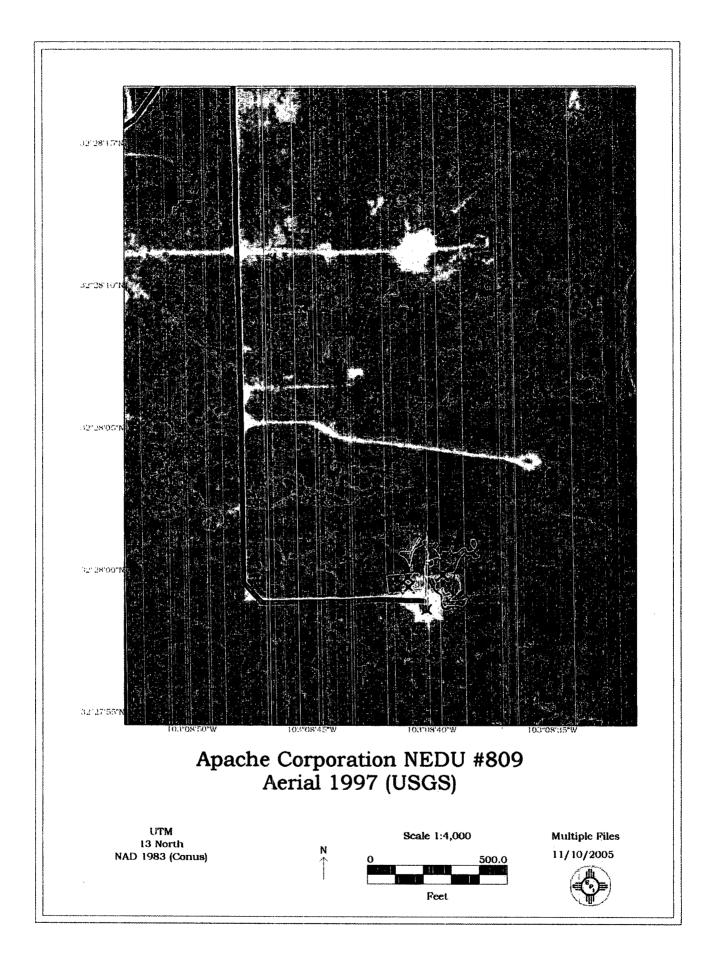
¹bgs – below ground sufface ²VOC-Volatile Organic Contaminants/Constituents

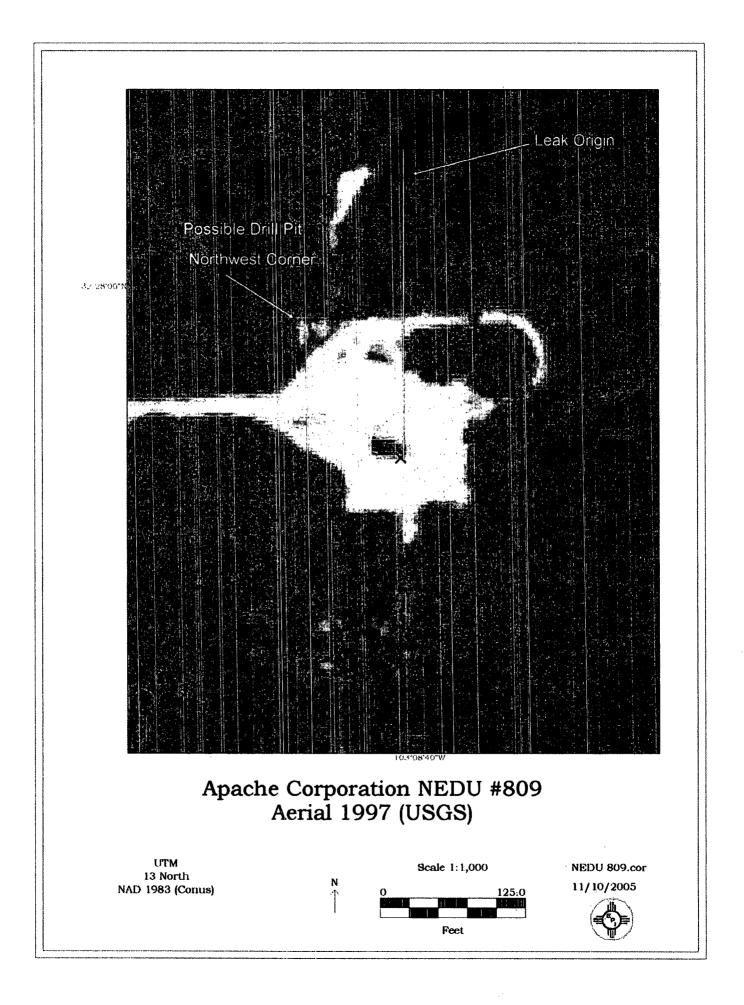
GRO-Gasoline Range Organics CrC10

¹DRO-Diesel Range Organics C_{I0}C₂₈ ²TPH-Total Petroleum Hydrocatbon = GRO+DRO.

Reported detection limits are considered "de minimus" values and are included in the GRO/DRO and BTEX summations. BTEX = the mass sum of benzene, toluene, ethylbenzene and total xylenes

⁷Italicized values are < the instrument detection limit. ⁸na - Not Analyzed





Coache

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PHONE (525) 673-7001 . 2111 BEECHWOOD - ABILEME, TX 79603 PHONE (505) 393-2326 . 101 E. MARLAND . HOBBS, NJA 60240

ANALYTICAL RESULTS FOR APACHE CORP. ATTN: MIKE WARREN P.O. BOX 1849 EUNICE, NM 88231 FAX TO: (505) 394-2425

Receiving Date: 11/01/06 Reporting Date: 11/03/05 Project Number: NEDU #809 Project Name: NOT GIVEN Project Location: EUNICE, NM

LAB NUMBER

Analysis Date: 11/03/06 Sampling Date: NOT GIVEN Sample Type: SOIL Sample Condition: COOL & INTACT Sample Received By: BC Analyzed By: AM

ېت (mg/Kg)

H10359-1	APACHE #1	112
H10359-2	APACHE #2	800
H10359-3	APACHE#3	848
H10359-4	APACHE #4	592
H10358-5	APACHE #5	648
H10359-8	APACHE PILE SE CORNER	720
H10359-7	APACHE PILE NE CORNER	864
H10359-8	APACHE PILE SW CORNER	848
H10359-9	APACHE PILE NW CORNER	880
Quality Control		089
True Value QC		1000
% Recovery		98.0
Relative Percer	nt Difference	1.0

SAMPLE ID

METHOD:	Standard Methods	4600-CFB
NOTE:	Analyses performed on 1	4 wiv aqueous extracts.

3105

H10359

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PHONE (325) 673-7001 · 2111 BEECHWOOD · ABILENE, TX 79603 PHONE (505) 393-2326 · 101 E, MARLAND · HOBBS, NM 88240

ANALYTICAL RESULTS FOR ENVIRONMENTAL PLUS, INC. ATTN: PAT McCASLAND P.O. BOX 1558 EUNICE, NM 88231 FAX TO: (505) 394-2601

Receiving Date: 02/08/06 Reporting Date: 02/10/06 Project Owner: APACHE CORPORATION (#240011) Project Name: NEDU 809 Project Location: NOT GIVEN Sampling Date: 02/03/06 Sample Type: SOIL Sample Condition: COOL & INTACT Sample Received By: HM Analyzed By: BC

		GRO	DRO			ETHYL	TOTAL
LAB NUMBER	SAMPLE ID	(C ₆ -C ₁₀)	(>C ₁₀ -C ₂₈)	BENZENE	TOLUENE	BENZENE	XYLENES
		(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)
ANALYSIS DA	TE:	02/08/06	02/08/06	02/09/06	02/09/06	02/09/06	02/09/06
H10713-1	SB-1 10-11	<10.0	<10.0	< 0.005	<0.005	<0.005	<0.015
H10713-3	SB-1 20-21	<10.0	<10.0	<0.005	<0.005	< 0.005	<0.015
H10713-4	SB-2 10-11	<10.0	<10.0	< 0.005	-<0.005	< 0.005	<0.015
H10713-6	SB-2 20-21	<10.0	<10.0	< 0.005	< 0.005	< 0.005	<0.015
H10713-7	SB-3 10-11	<10.0	<10.0	<0.005	< 0.005	< 0.005	<0.015
H10713-10	SB-3 25-26	<10.0	<10.0	< 0.005	<0.005	< 0.005	<0.015
H10713-11	SB-4 10-11	<10.0	<10.0	< 0.005	<0.005	< 0.005	<0.015
H10713-13	SB-4 20-21	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
Quality Control		774	794	0.102	0.108	0.101	0.294
True Value QC		800	800	0.100	0.100	0.100	0.300
% Recovery		96.7	99.3	102.0	109	101	98.1
Relative Perce	nt Difference	8.8	0.9	9.5	6.2	5.9	4.7

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

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210106

H10713A.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 anount paid by client for analysis? All claims, including those for negligence and any other cause whatscever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the top-lucable 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, atfiliates 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.



PHONE (325) 673-7001 · 2111 BEECHWOOD · ABILENE, TX 79603 PHONE (505) 393-2326 · 101 E. MARLAND · HOBBS, NM 88240

ANALYTICAL RESULTS FOR ENVIRONMENTAL PLUS, INC. ATTN: PAT McCASLAND P.O. BOX 1558 EUNICE, NM 88231 FAX TO: (505) 394-2601

Receiving Date: 02/08/06 Reporting Date: 02/10/06 Project Owner: APACHE CORPORATION (#240011) Project Name: NEDU 809 Project Location: NOT GIVEN Analysis Date: 02/10/06 Sampling Date: 02/03/06 Sample Type: SOIL Sample Condition: COOL & INTACT Sample Received By: HM Analyzed By: HM

LAB NUMBER	SAMPLE ID	Cl (mg/Kg)
H10713-1	SB-1 10-11	240
H10713-2	SB-1 15-16	32
H10713-3	SB-1 20-21	32
H10713-4	SB-2 10-11	800
H10713-5	SB-2 15-16	240
H10713-6	SB-2 20-21	288
H10713-7	SB-3 10-11	1232
H10713-8	SB-3 15-16	544
H10713-9	SB-3 20-21	496
H10713-10	SB-3 25-26	256
H10713-11	SB-4 10-11	240
H10713-12	SB-4 15-16	160
H10713-13	SB-4 20-21	112
Quality Control		510
True Value QC		500
% Recovery		102
Relative Percent	Difference	0.04

 METHOD:
 Standard Methods
 4500-CIB

 NOTE:
 Analyses performed on 1:4 w:v aqueous extracts.

Mayino Chemist

02-13-06 Date

H10713

Roliffquished by:	- <u>-</u>		<i>ب</i> 10	- 9	- 8	- 7	9.~	ر ک	- 4	- 3	- 2	410713 - 1	LAB I.D.		EPI Sampler Name	Project Reference	Facility Name	Client Company	EPI Phone#/Fax#	City, State, Zip	Billing Address	EPI Project Manager	Company Name	101 East Mariand, 505-393-2326 Fi	Cardinal
	\ 1		10 SB-3 25-26	SB-3 20-21	SB-3 15-16	SB-3 10-11 02.13	SB-2 20-12 21 25 121	5 SB-2 15-16 / A	4 SB-2 10-11	3 SB-1 20-21	2 SB-1 15-16	1 SB-1 10-11	SAMPLE I.D.		e George Blackburn	e #240011	NEDU 809	Apache Corporation	505-394-3481 / 505-394-2601	Eunice New Mexico 88231	P.O. BOX 1558	iger Pat McCasland	Environmental Plus, Inc.	101 East Mariand, Hobos, NM 88240 505-393-2326 Fax 505-393-2476	aronal Laporatories inc.
13/2 0	R	1. T													ם			Ð	15-39	CO 8			lus, li		nc.
Cool & Intact	Received By:	1.12	×	X	X	X	X	X	X	×	×	×	(G)RAB OR (C)OMP. # CONTAINERS						1-26	3231			วิถุ		
& Intact No	dBy:			-	\vdash					-		┢╌	GROUND WATER						2						
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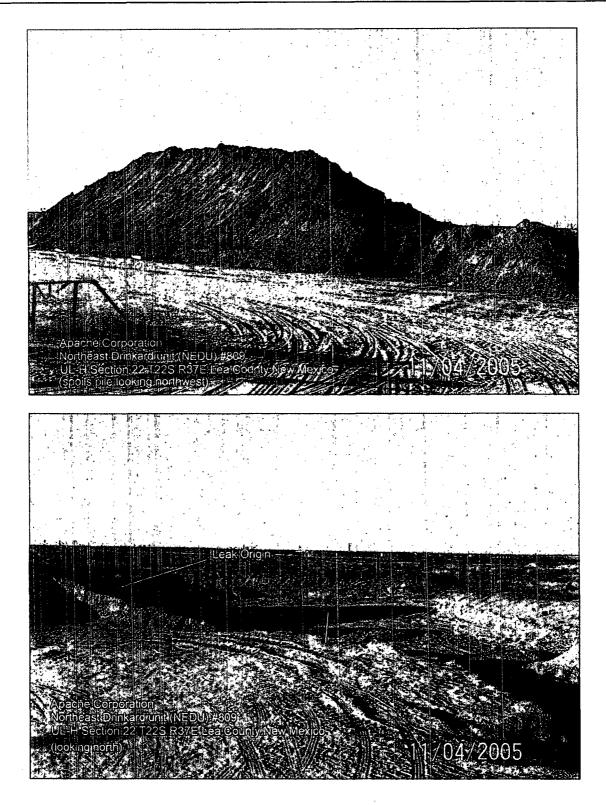
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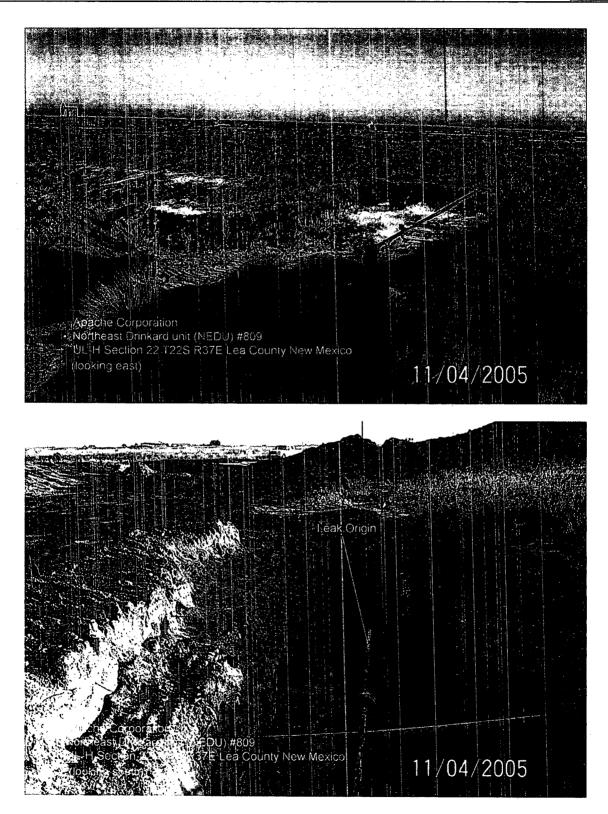
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Anapha Comparation Side	Incident Dat	<u>ه،</u>	NMOCD Noti	fied
Apache Corporation Site	10/21/2005	C .	10/21/2005	ned.
Information and Metrics SITE: NEDU 809	10/21/2005	Againmod Site		0011
		Assigned Site	Reference #: 24	0011
Company: Apache Corporation Street Address: PO Box 1849				
Mailing Address: 1.5 miles North of Eu				· · · · · · · · · · · · · · · · · · ·
City, State, Zip: Eunice, New Mexico				
Representative: Mike Warren	00231			
Representative Telephone: 505.394.27	/12			
Telephone: 505.594.27	43		·······	
Fluid volume released (bbls): ~600-800	bhie	Pacov	ered (bbls): 480	
		y within 24 hrs and su		thin 15 days.
(Å	lso applies to unau	thorized releases >50	0 mcf Natural Gas)	
5-25 bbls: Submit form C-14		(Also applies to unau	thorized releases of :	50-500 mcf Natural Gas)
Leak, Spill, or Pit (LSP) Name: NEDU				
Source of contamination: Water injectio				
Land Owner, i.e., BLM, ST, Fee, Other:	C.A. Bettis		······································	
LSP Dimensions			<u></u>	
LSP Area: 19,900 ft ²		<u>.</u>		
Location of Reference Point (RP)		· ,		
Location distance and direction from RP			<u></u>	
Latitude: 32 28' 0.9"N				
Longitude: 103 8' 40.1"W	<u>.</u>			
	0'amsl			
Feet from South Section Line				
Feet from West Section Line				
Location- Unit or 1/41/4: SE1/4 of the NE	/4	Unit Letter:	H	······
Location- Section: 22				
Location- Township: T21S				
Location- Range: R37E				· · · · · · · · · · · · · · · · · · ·
	-6-:4			······
Surface water body within 1000 ' radius Surface water body within 1000 ' radius				
Domestic water wells within 1000' radiu				
Domestic water wells within 1000' radiu		;		
Agricultural water wells within 1000' radiu				
Agricultural water wells within 1000 rad				
Public water supply wells within 1000 rate				
Public water supply wells within 1000'r		lone		
Depth from land surface to ground water		2		
Depth of contamination (DC) – ?	(DC) 000g)		
Depth of containing to $(DC)^{-1}$	W) - 50-100	feet		
1. Ground Water		ellhead Protecti	on Area	3. Distance to Surface Water Body
If Depth to GW <50 feet: 20 points		om water source,		S. Distance to Surface Water Body <200 horizontal feet: 20 points
If Depth to GW 50 to 99 feet: 10 points		estic water source		200-100 horizontal feet: 10 points
		om water source,		
If Depth to GW >100 feet: 0 points		estic water source		>1000 horizontal feet: 0 points
Ground water Score = 10		otection Area Sc		Surface Water Score= 0
Site Rank $(1+2+3) = 10$				
	ite Ranking S	core and Accept	able Concentra	tions
Parameter >19		10-19		0-9
Benzene ¹ 10 ppm		10 ppm		10 ppm
BTEX ¹ 50 ppm		50 ppm		50 ppm
TPH 100 ppm		1000 ppr		5000 ppm
100 ppm field VOC headspace measure	ment may be s			