VIRONMENTAL PROTECTION OFFICE DEPUTY OIL & GA P.O. BOX 507

DULCE, NEW MEXICO 87528

AUG 1 3 1999

OIL COM. PHYREMEDIATION AND CLOSURE REPORT

Operator: AMOCO PRODUCTION COMPANY	Telephone: (505) 326-9200									
Address: 200 Amoco Court, Farmington,	NM 87401									
Facility or Well Name: JICAZILLA A										
Location: Unit or Qtr/Qtr Sec 6 Sec 20 T2	460 RSW County KIO	RR EIBA								
Pit Type: Separator Dchydrator Other_ <	Sww									
Land Type: KANGE										
(Attach diagram) Reference: wellhead X, Footage from reference: 5) !									
Direction from reference: 30 Degrees X East North West South X										
Depth To Groundwater: (Vertical distance from contaminants to seasonal high water elevation of groundwater)	Less than 50 feet 50 feet to 99 feet Greater than 100 feet	(20 points) (10 points) (0 points)	0							
Distance to an Ephemeral Stream (Downgradient dry wash greater than ten feet in width)	Less than 100 feet Greater than 100 feet	(10 points) (0 points)	~							
Distance to Nearest Lake, Playa, or Watering Pond (Downgradient lakes, playas and livestock or wildlife watering ponds)	Less than 100 feet Greater than 100 feet	(10 points) (0 points)	0							
Wellhead Protection Area: (Less than 200 feet from a private domestic water source, or: less than 1000 feet from all other water sources)	Yes No	(20 points) (0 points)	<u>></u>							
Distance To SurfaceWater: (Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)	Less than 100 feet (20 points) 100 feet to 1000 feet (10 points) Greater than 1000 feet (0 points)									

RANKING SCORE (TOTAL POINTS):

Date Remediation Method: Excavation Approx. cubic yards Zoo		BJ678 BLOW PIT
Remediation Method: Landfarmed Landfarmed Cother Landfarmed Cother Cot	D (D soliation Sta	Date Completed:
Landfarmed Cother		Lie words Zoo
Other Remediation Location: (i.e. landfarmed onsite, name and location of offsite facility) General Description of Remedial Action: Excavation. Beorder Border Groundwater Encountered: No X Yes Depth Final Pit: Closure Sampling: (if multiple samples, and diagram of sample locations and depths) Sample date 11 19 98 Sample time 0915 Sample date 11 19 98 Sample time 0915 Sample Results Soil: Benzene (ppm) NO Water: Benzene (ppb) Field Headspace (ppm) 156.2 Ethylbenzene (ppb) TPH (ppm) 0.4 Total Xylenes (ppb) Croundwater Sample: Yes No X (if yes, attach sample results) I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF M KNOWLEGE AND BELIEF DATE 1/23/98 PRINTED NAME Buddy D. Shaw SIGNATURE SURJEY OF THE PIT CLOSURE INFORMATION, PIT CLOSURE IS APPROVED IN ACCORDANCE TO THE JICARILLA APACHE TRIBE PIT CLOSURE ORDINANCE.		To the Total Alation
Remediation Location: (i.e. landfarmed onsite, name and location of offsite facility) General Description of Remedial Action: Excavation. Beorea Beorgan. Groundwater Encountered: No X Yes Depth	sections)	Landium ————————————————————————————————————
(i.e. landfarmed onsite, name and location of offsite facility) General Description of Remedial Action: Excavation. Bears Response. Groundwater Encountered: No X Yes Depth		Other
mame and location of offsite facility) General Description of Remedial Action:Excavation.		: Onsite Offsite
General Description of Remedial Action: Excavation. Removed Responses Groundwater Encountered: No X Yes Depth	name and location of	
Final Pit: Closure Sampling: (if multiple samples, attach and depths) Sample depth Sample date Sample date Total BTEX (ppm) Field Headspace (ppm) Field Headspace (ppm) Total Xylenes (ppb) Total Xylenes (ppb) The (ppm) Groundwater Sample: Yes No (if yes, attach sample results) I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF M KNOWLEGE AND BELIEF DATE SIGNATURE Sample dopth Sample depth Sample depth Sample depth Sample depth Sample time O9/5 Sample time Op/15 Sample time O9/5 Sample time O/6 Sample time O/6	offsite facility)	an Will Action Excavation. BEORSER BOTTOM.
Final Pit: Closure Sampling: (if multiple samples, attach sample results) Sample depth Sample date	General Description of	of Remedial Action
Closure Sampling: (if multiple samples, attach sample results) Sample date	Groundwater Encount	tered: No X Yes Depth
Closure Sampling: (if multiple samples samples sample samples sample samples and diagram of sample locations and depths) Sample date		
Sample depth Sample locations and depths Sample date	Final Pit:	Sample location see Attached Documents
attach sample results and diagram of sample locations and depths) Sample date	Closure Sampling: (if multiple samples,	
Sample date	attach sample results	Sample depth
Sample Results Soil: Benzene (ppm) ND Water: Benzene (ppb) Total BTEX (ppm) 0.318 Toluene (ppb) Field Headspace (ppm) 156.3 Ethylbenzene (ppb) TPH (ppm) 0.4 Total Xylenes (ppb) Groundwater Sample: Yes No (If yes, attach sample results) I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF M KNOWLEGE AND BELIEF DATE		
Soil: Benzene (ppm) NO Water: Benzene (ppb) Total BTEX (ppm) 0.318 Toluene (ppb) Field Headspace (ppm) 156.2 Ethylbenzene (ppb) TPH (ppm) 0.4 Total Xylenes (ppb) Groundwater Sample: Yes No (If yes, attach sample results) I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF M KNOWLEGE AND BELIEF DATE		
Total BTEX (ppm) O.318 Toluene (ppb) Field Headspace (ppm) JS6.2 Ethylbenzene (ppb) TPH (ppm) O.4 Total Xylenes (ppb) Groundwater Sample: Yes No (If yes, attach sample results) I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF M KNOWLEGE AND BELIEF DATE/ Z 3/98 PRINTED NAME Buddy D. Shaw SIGNATURE/ SIGNATURE AND TITLE Environmental Coordinator AFTER REVIEW OF THE PIT CLOSURE INFORMATION, PIT CLOSURE IS APPROVED IN ACCORDANCE TO THE JICARILLA APACHE TRIBE PIT CLOSURE ORDINANCE.	II	Water: Benzene (ppb)
Field Headspace (ppm) 156.3 Ethylbenzene (ppb) TPH (ppm) 0.4 Total Xylenes (ppb) Groundwater Sample: Yes No (If yes, attach sample results) I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF M KNOWLEGE AND BELIEF DATE /23/98 PRINTED NAME Buddy D. Shaw SIGNATURE AND TITLE Environmental Coordinator AFTER REVIEW OF THE PIT CLOSURE INFORMATION, PIT CLOSURE IS APPROVED IN ACCORDANCE TO THE JICARILLA APACHE TRIBE PIT CLOSURE ORDINANCE.		naturna (nnh)
TPH (ppm) O.4 Total Xylenes (ppb) Groundwater Sample: Yes No (If yes, attach sample results) I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF M KNOWLEGE AND BELIEF DATE / 23/98 PRINTED NAME Buddy D. Shaw SIGNATURE AND TITLE Environmental Coordinator AFTER REVIEW OF THE PIT CLOSURE INFORMATION, PIT CLOSURE IS APPROVED IN ACCORDANCE TO THE JICARILLA APACHE TRIBE PIT CLOSURE ORDINANCE.		
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I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF M KNOWLEGE AND BELIEF DATE 1/23/98	Groundwater Sample	: Yes No X (If yes, attach sample results)
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SIGNATURE Sully D. Soul AND TITLE Environmental Coordinator AFTER REVIEW OF THE PIT CLOSURE INFORMATION, PIT CLOSURE IS APPROVED IN ACCORDANCE TO THE JICARILLA APACHE TRIBE PIT CLOSURE ORDINANCE.	I HEREBY CERTIFY KNOWLEGE AND B	THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BURNELIEF
SIGNATURE Sully D. Soul AND TITLE Environmental Coordinator AFTER REVIEW OF THE PIT CLOSURE INFORMATION, PIT CLOSURE IS APPROVED IN ACCORDANCE TO THE JICARILLA APACHE TRIBE PIT CLOSURE ORDINANCE.	DATE	"/23/98 _, PRINTED NAME Buddy D. Shaw
AFTER REVIEW OF THE PIT CLOSURE INFORMATION, PIT CLOSURE IS APPROVED IN ACCORDANCE TO THE JICARILLA APACHE TRIBE PIT CLOSURE ORDINANCE.	$P \cap P$	AND TITLE Environmental Coordinator
TO THE JICARILLA APACHE TRIBE FIT CLOSORE ORDINAL COMPANY	A TROUB DEVILEN OF	THE PUT OF OSTIRE INFORMATION, PIT CLOSURE IS APPROVED IN ACCORDANCE
APPROVED: YES X NO (REASON)	TO THE JICARILLA	A APACHE TRIBE PIT CLOSURE ORDINANCE.
AFFROVED. 125 / NO	APPROVED: YES	NO (REASON)
SIGNED: Le CMa DATE: 12-28-98		-CMan DATE: 12-28-98

P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199 FIELD REPORT: CLOSURE VERIFICATION PROCESSION AND CONTY OF SEC. 20 TWP. 26N RNG. 5W PM. NN CNTY. 8A ST. NN GIR/FUUTAGE: 1750 F.J. 1/450 FEL CONTRACTOR: P & S.	ATION: DK PATER: >000 CHECK ONE: T ABANDONED SEEL TANK INSTALLED BERGLASS TANK INSTALLED
QUAD/UNIT G SEC: ZO TWP 26N RNG: SW PM:NN CNTY RA STAM QUAD/UNIT G SEC: ZO TWP 26N RNG: SW PM:NN CNTY RA STAM QUAD/UNIT G SEC: ZO TWP 26N RNG: SW PM:NN CNTY RA STAM QUAD/UNIT G SEC: ZO TWP 26N RNG: SW PM:NN CNTY RA STAM QUAD/UNIT G SEC: ZO TWP 26N RNG: SW PM:NN CNTY RA STAM QUAD/UNIT G SEC: ZO TWP 26N RNG: SW PM:NN CNTY RA STAM EXCAVATION APPROX. 24 FT. x 22 FT. x 14 FT. DEEP. CUBIC Y DISPOSAL FACILITY: ON-SITE REMEDIATION METHOD: LAND USE: LAWGE LEASE: JIC A FORM FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 97 FT. 53 DEPTH 10 GROUNDVATER: NOO' NEAREST WATER SURFACE: NOOO' NEAREST SURFACE NNDCO PANKING SCORE: ON NNDCO TOPH CLOSURE STD: SOOO PPM YE COIL AND EXCAVATION DESCRIPTION: SIDEWAUS - NORTH F WEST SUBCURUS NOSTLY DUSTY RED/LT A STATH SIDEWAUS REMANDED YELF PALE ORAN GLAY SICTY CLAY, COHESING, SLIGHTLY MOIST STIRE NO APPRAENT STANDED OSSGRED HE NORTH SIDEWAU OUN SAMPLE ONLY. BOTTON - BEDROCK (SHALE) LEAY PALE ORANGE TO SIVE GRASS NORTH SIDEWAU OUN SAMPLE ONLY. BOTTON - BEDROCK (SHALE) LEAY PALE ORANGE TO SIVE GRASS TIME SAMPLE ID LAB NO: WEIGHT (9) ML FREON DIL SCALE OFT DIT PERIMETER NO PIT	TE STARTED: 11/19/98 TE FINISHED:
EXCAVATION APPROX. 24 FT. x 22 FT. x 14 FT. DEEP. CUBIC Y DISPOSAL FACILITY: ON-SITE REMEDIATION METHOD: LAND USE: KANGE LEASE: JIC A FORM FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 37 FT. 53 PEPTH TO GROUNDWATER. 7100' NEAREST WATER SOURCE: NOO' NEAREST SURFACE NMOCD PANKING SCORE: ONMOCD TPH CLOSURE STD: 5000 PPM SIDELAUS - NORTH F WEST SIDEMALS MOSTLY DUSEY RED/LT ### SIDEMALS PROMINED TO STORY DUSEY RED/LT GENY SILTY CLAY, COHESIVE, SLIGHTLY MOSTS STIFF NO APPRIENT STANNING OSSERVED, HE NORTH SIDEMAL OUM SAMPLE OMLY. BOTTOM - BEDROCK (SHALE) VERY PALE OKANGE TO OWNE GRASS BOTTOM - BEDROCK (SHALE) VERY PALE OKANGE TO OWNE GRASS BOTTOM - BEDROCK (SHALE) VERY PALE OKANGE TO OWNE GRASS BOTTOM - BEDROCK (SHALE) VERY PALE OKANGE TO OWNE GRASS BOTTOM - BEDROCK (SHALE) VERY PALE OKANGE TO OWNE GRASS BOTTOM - BEDROCK (SHALE) VERY PALE OKANGE TO OWNE GRASS BOTTOM - BEDROCK (SHALE) VERY PALE OKANGE TO OWNE GRASS BOTTOM - BEDROCK (SHALE) VERY PALE OKANGE TO OWNE GRASS BOTTOM - BEDROCK (SHALE) VERY PALE OKANGE TO OWNE GRASS BOTTOM - BEDROCK (SHALE) VERY PALE OKANGE TO OWNE GRASS BOTTOM - BEDROCK (SHALE) VERY PALE OKANGE TO OWNE GRASS BOTTOM - BEDROCK (SHALE) VERY PALE OKANGE TO OWNE GRASS BOTTOM - BEDROCK (SHALE) VERY PALE OKANGE TO OWNE GRASS BOTTOM - BEDROCK (SHALE) VERY PALE OKANGE TO OWNE GRASS BOTTOM - BEDROCK (SHALE) VERY PALE OKANGE TO OWNE GRASS BOTTOM - BEDROCK (SHALE) VERY PALE OKANGE TO OWNE GRASS BOTTOM - BEDROCK (SHALE) VERY PALE OKANGE TO OWNE GRASS BOTTOM - BEDROCK (SHALE) VERY PALE OKANGE TO OWNE GRASS BOTTOM - BEDROCK (SHALE) VERY PALE OKANGE TO OWNE GRASS BOTTOM - BEDROCK (SHALE) VERY PALE OKANGE TO OWNE GRASS BOTTOM - BEDROCK (SHALE) VERY PALE OKANGE BOTTOM - BEDROCK (SHA	ARDAGE: 200 ANDFARM ATION: DK PE FROM WELLHEAD ATER: 2000 CHECK ONE: T ABANDONED SEEL TANK INSTALLED BERGLASS TANK INSTALLED
DISPOSAL FACILITY: 0N-SITE REMEDIATION METHODS: LAND USE: RANGE LEASE: JIC A FORM FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 37 FT. 53 DEPTH TO GROUNDWATER. 2100' NEAREST WATER SOURCE: 21000' NEAREST SURFACE NMOCD PANKING SCORE: NMOCD TPH CLOSURE STD: 5000 PPM SOIL AND EXCAVATION DESCRIPTION: SIDEWAUS - NORTH F WEST SIDEWAUS NOSTLY DUSTY RED/LT A STATH SIDEWAUS PREVONWATELY JELY PALE ORAN GRAY SICTY CLAY, COHESIVE, SLIGHTLY MOIST STIFF NO APPRAEAT STANNING OSSERVED, HE NORTH SIDEWAU OUM SAMPLE ONLY. BOTTOM - BEDROCK (SHALE) WEAY PALE OKANGE TO OWNE GRASS BOTTOM - BEDROCK (SHALE) WEAY PALE OKANGE TO OWNE GRASS BOTTOM - BEDROCK (SHALE) WEAY PALE OKANGE TO OWNE GRASS BOTTOM - BEDROCK (SHALE) WEAY PALE OKANGE TO OWNE GRASS BOTTOM - BEDROCK (SHALE) LAB NO: WEIGHT (g) ML. FREON DILL SCALE O FT DIT PERIMETER IN PIT	ATION: DK PATER: >000 CHECK ONE: T ABANDONED SEEL TANK INSTALLED BERGLASS TANK INSTALLED
PIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 37 FT. 53 DEPTH TO GROUNDWATER: 7100' NEAREST WATER SOURCE: 71000' NEAREST SURFACE NMOCD PANKING SCORE: 9 NMOCD TPH CLOSURE STD: 5000 PPM SOUL AND EXCAVATION DESCRIPTION: SIDEWAUS - NORTH F WEST SIDEWALLS MOSTLY DUSEY RED/LT 4 SOUTH SIDEWALLS PREVONWERTELY JECY PALE ORAN GRAY SILTY CLAY, COHESIVE, SLIGHTLY MOIST STIFF NO APPRAENT STAINING OBSERVED HE NORTH SIDEWALL OUM SAMPLE ONLY. BOTTOM - BEDROCK (SHALE) WAY PALE OKAMBE TO OWNE GRAY HC ODOR DETECTED NO OWN SAMPLE. BERROCK CLOSED TIME SAMPLE I.D. LAB NO: WEIGHT (g) ML. FREON DILL SCALE O FT DIT PERIMETER IN PIT	PE FROM WELLHEAD ATER: >/OOO CHECK ONE: T ABANDONED SEEL TANK INSTALLED BERGLASS TANK INSTALLEI
BERROLL CLOSED FIELD 418:: CALCULATIONS SCALE OFT PIT PERIMETER AND APPRAENT STANNING OBSCRUED HE NORTH SIDENARY OUM SAMPLE ONLY. FIELD 418:: CALCULATIONS PIT PERIMETER PIT PERIMETER PIT PIT PERIMETER PIT PIT PIT PIT PIT PIT PIT PI	
SCALE O FT PIT PERIMETER NO FIELD 418.1 CALCULATIONS FIELD 418.1 CALCULATIONS WEIGHT (g) mL. FREON DILL MILE SAMPLE I.D. LAB NO: WEIGHT (g) mL. FREON DILL PIT PERIMETER NO PIT	SE TO SULE TIFF TO VERY OOR DETECTED IN
PIT PERIMETER /N PIT	TION READING CALC. ppm
RESULTS SAMPLE FIELD HEADSPACE FID (ppm) A 1 @ 10 156.2	PROFILE
T (5)	
LAB SAMPLES SAMPLE ANALYSIS TIME	I4' 3' I
Deig TPH STEX 0915 ROTH PASSED	Ty' 3 I// BEDROCK (Sh)



EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Parameter		Concentration (mg/Kg)	Det. Limit (mg/Kg)
Condition:	Cool and Intact	Analysis Requested:	00101111
Preservative:	Cool	Date Analyzed:	8015 TPH
Sample Matrix:	Soil	Date Extracted:	11-23-98
Chain of Custody No:	6306	Date Received:	11-20-98
_aboratory Number:	E199	Date Sampled:	11-19-98 11-20-98
Sample ID:	1 @ 10'	Date Reported:	11-23-98
Client:	Blagg / AMOCO	Project #:	04034-10

 Gasoline Range (C5 - C10)
 0.4
 0.2

 Diesel Range (C10 - C28)
 ND
 0.1

 Total Petroleum Hydrocarbons
 0.4
 0.2

ND - Parameter not detected at the stated detection limit.

References:

Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste,

SW-846, USEPA, December 1996.

Comments:

Jicarilla A #5 Blow Pit.

Men L. Queca

Stacy W Sendler



EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Benzene Toluene Ethylbenzene p,m-Xylene o-Xylene		ND ND 24.6 206 87.2	8.8 8.4 7.6 10.8 5.2				
Parameter		Concentration (ug/Kg)					
Client: Sample ID: Laboratory Number: Chain of Custody: Sample Matrix: Preservative: Condition:	Blagg / AMOCO 1 @ 10' E199 6306 Soil Cool Cool & Intact	Date Reported: Date Sampled: Date Received: Date Analyzed: Date Extracted:					

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene Bromofluorobenzene	99 % 99 %

References:

Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA,

December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846,

USEPA, December 1996.

Comments:

Jicarilla A #5 Blow Pit.

Analyst L. Cylencen

Stacy W Sendler
Review

CHAIN OF CUSTODY RECORD

Farn		Per coc's 1301—1309	Relinquished by: (Signature)	Relinquished by: (Signature)	iture)						11/19/98 0915 E199	Sample No./ Sample Sample Lab Number	NTV 04034-10		BLREG/ Amoco TICARILLA 1 #5	Client / Project Name Project Location
5796 U.S. Highway 64 Farmington, New Mexico 87401 (505) 632-0615		ENVIROTECH INC.	Received by: (Signature)	Received by: (Signature)	Date Time Received by: (Signature)						50/2 1 1 1	Con 71	lo. of staine)	8	W PIF
Received Intact Cool - Ice/Blue Ice					Chlury							(80	モン			ANALYSIS / PARAMETERS
Intact V	Z	-			11.20.98 0749	Data Time					PESSEV COOL			Remarks		

JICARILLA APACHE TRIBE ENVIRONMENTAL PROTECTION OFFICE P.O. BOX 507 DULCE, NEW MEXICO 87528

SUBMIT 1 COPY TO

NATURAL RESOURCE DEP1

AND OIL & GAS ADMINISTRATION

ON-SITE SOIL REMEDIATION REPORT

Operator: AMOCO PRODUCTION COMPANY	Telephone: (505) 326-9200											
Address: 200 Amoco Court, Farmington,	NM 87401											
Facility or Well Name: TICARILLA A. 5												
Location: Unit or Qtr/Qtr Sec 6 Sec 20 T 26N R 5N' County R 10 ARRIGA												
Land Type: RANGE												
Date Remediation Started: 11.19 99 Date Completed: 5/4/99												
Remediation Method: Landfarmed Approx. cubic yards 200												
Composted												
Other												
Depth To Groundwater: (pts.)o_ Final Closure Sampling:												
Distance to an Ephemeral Stream (pts.) 0 Sampling Date: 6.299 Time: 1240												
Distance to Nearest Lake, Playa, or Watering Pond (pts.)	Sample Results:											
Wellhead Protection Area: (pts.)	Field Headspace (ppm) 18.1											
Distance To SurfaceWater: (pts.)	TPH (ppm) 1,910 Method (80'5)											
	Other											
RANKING SCORE (TOTAL POINTS):												
I HEREBY CERTIFY THAT THE INFORMATION ABOVE KNOWLEGE AND BELIEF	E IS TRUE AND COMPLETE TO THE BEST OF MY											
DATE 6/4/99 , PRINTED 1	NAME Buddy D. Shaw											
SIGNATURE Bully S. Show AND TITLE Environmental Coordinator												
AFTER REVIEW OF THE SOIL REMEDIATION INFORMATION, ON-SITE REMEDIATION IS APPROVED IN ACCORDANCE TO THE JICARILLA APACHE TRIBE PIT CLOSURE ORDINANCE.												
APPROVED: YES NO (REASON)												
SIGNED: DATE	C: 6-18-99											

P.O. BOX 87, BLC	INEERING, INC OMFIELD, NM 87 632-1199	LUCHITUN NO. ECO.
FIELD REPORT: LANDFARM/COM	POST PILE CLOS	SURE VERIFICATION
QUAD/UNIT: G SEC: 20 TWP: 26~ RNG: 5w		DATE STARTED: 6 2 49 DATE FINISHED:
STP/FOOTAGE SW/4 NE/4 CONTRACTOR:		ENVIRONMENTAL REP
SOIL REMEDIATION:	700	
REMEDIATION SYSTEM: LANDFARM	_ APPROX. CU	BIC YARDAGE: 200
LAND USE: RANGE	LIFT_DEPTH	(ft):
FIELD NOTES & REMARKS:		
DEFTH TO GROUNDWATER: 2/00: NEAREST WATER SOURCE	> 1000 NEAREST	SURFACE WATER: > 1800
NMGCD RANKING SCORE:O NMGCD TPH CLOSURE ST	D: <u>5000</u> PPM	
DK. YELLOW ISH BROWN SAND, NON COHESIVE, SO LARGE AREA OF STAINING OBSERVED IN LAN	LIGHTLY HOIST, FIRM	NATON BELOW)
HC ODOR PETECTED IN SAMPUNG FTS. @+3	, SAMPLING DEPTHS R	PANGE FROM
6" - 10" COLLECTED A SPT COMPOSITE SAMP	PLE FOR LAB ANDLYS.	' S
CLOSED)	B.1 CALCULATIONS	
	(g) ml. FREON DILUTION	READING CALC. ppm
SKETCH/SAMPLE LOCATIONS	1	
1		
	OVM RESULTS	LAB SAMPLES
56.	SAMPLE FIELD HEADSPACE	SAMPLE ANALYSIS TIME RESULTS
N STAINED		LF-1 (BOIS) 1240 1,910
STAINED AREA		
(G)		
3 //// // //		
(/// <u>(a</u>)		
	SCALE	
/02-		

6.299

ONSITE:

NA

CALLOUT:

TRAVEL NOTES:



EPA METHOD 8015 Modified Nonhalogenated Volatile Organics **Total Petroleum Hydrocarbons**

Client: Sample ID: Laboratory Number: Chain of Custody No: Sample Matrix: Preservative:	Blagg / AMOCO LF - 1 F451 7061 Soil Cool	Project #: Date Reported: Date Sampled: Date Received: Date Extracted: Date Analyzed:	403410 06-04-99 06-02-99 06-03-99 06-03-99 06-04-99 8015 TPH
Condition:	Cool and Intact	Analysis Requested:	8015 IPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	7.9	0.2
Diesel Range (C10 - C28)	1,900	0.1
Total Petroleum Hydrocarbons	1,910	0.2

ND - Parameter not detected at the stated detection limit.

References:

Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste,

SW-846, USEPA, December 1996.

Comments:

Jicarilla A - 5 Landfarm. 5 Pt. Composite.

Stacy W Sendler

CHAIN OF CUSTODY RECORD

Farmington, New Mexico 87401 (505) 632-0615		ENVIROTECH IN	Relinquished by: (Signature)		Date Time 639 8:30						LF-1 6299 1240 F451 501L	Sample No./ Sample Sample Lab Number Sample Identification Date Time	KEP 43410	CI	BLASS/ALLOCO JICARILLA A. 5	Client / Project Name Project Location LANDFARM
Ignway 54 Received Intact Mexico 87401 Cool - Ice/Blue Ice		C	Received by: (Signature)	Received by: (Signature)	Received by: (Signature)				<i>3</i>	541	1 1	No Cont	o. of ainers		ANALYSIS / PAHAME I EHS	
ntact /	~ z	Sample Receipt			Date Time 6-3-99 936				Cool	SAMPLE PRESENTE	SPT. COMPOSITE			Remarks		