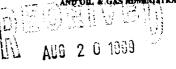
JICARILLA APACHE TRIBE SY ENVIRONMENTAL PROTECTION OFFICE P.O. BOX 507 DULCE, NEW MEXICO 87528

SOP - 195 - 5 SUBMIT I COPY TO
FICE NATURAL RESOURCE DEPT
AND OF E GAS ADMENISTRATION



PIT REMEDIATION AND CLOSURE REPORT

OIL COM, DIV

	DIST. 3
Operator: AMOCO PRODUCTION COMPANY	Telephone: (505)326-9200
Address: 200 Amoco Court, Farmington,	NM 87401
Facility or Well Name: JICARILLA APACHE TR	ľ
Location: Unit or Qtr/Qtr Sec Sec Z 7	2240 R5W County RIO ARRIBA
Pit Type: Separator Dehydrator Other_	BLOW
Pit Location: Pit dimensions: length_	
Footage from reference:	80'
Direction from reference:	HS Degrees East North of \times West South
	West South
Depth To Groundwater: (Vertical distance from contaminants to seasonal high water elevation of groundwater)	Less than 50 feet (20 points) 50 feet to 99 feet (10 points) Greater than 100 feet (0 points)
Distance to an Ephemeral Stream (Downgradient dry wash greater than ten feet in width)	Less than 100 feet (10 points) Greater than 100 feet (0 points)
Distance to Nearest Lake, Playa, or Watering Pond (Downgradient lakes, playas and livestock or wildlife watering ponds)	Less than 100 feet (10 points) Greater than 100 feet (0 points)
Wellhead Protection Area: (Less than 200 feet from a private domestic water source, or: less than 1000 feet from all other water sources)	Yes (20 points) No (0 points)
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):

D 4. Domediation Str	rted:	Date Completed: 17/22	97
	_	Approx. cubic yards/,500	
P-mediation Method: ck all appropriate	Excavation	Insitu Bioremediation	11
scaons)	Landfarmed		
	Other		
Remediation Location (i.e. landfarmed onsite, name and location of offsite facility)			
General Description	of Remedial Action: _Excavation		
Groundwater Encoun	tered: No X Yes	Depth	
Final Pit: Closure Sampling: (if multiple samples,	Sample location <u>see Attached</u>		
attach sample results and diagram of sample	Sample depth		
locations and depths)	Sample date		
	Sample Results		
	Soil: Benzene (ppm)		bb)
	Total BTEX (ppm)		pb)
	Field Headspace (ppm)	Ethylbenzene (pp	ob)
	TPH (ppm)		pb)
	e: Yes NoX (I		
I HEREBY CERTIF KNOWLEGE AND	Y THAT THE INFORMATION ABOVE BELIEF	E IS TRUE AND COMPLETE TO THI	E BEST OF MY
DATE	PRINTED NA	MME Buddy D. Shaw	
SIGNATURE BY	The A. Shaw AND TITL	E Environmental Coordin	ator
AFTER REVIEW O TO THE JICARILL	F THE PIT CLOSURE INFORMATION A APACHE TRIBE PIT CLOSURE OF	N, PIT CLOSURE IS APPROVED IN RDINANCE.	ACCORDANCE
APPROVED: YES	NO (REASON)		
SIGNED:	EC Mand DATE:	1-6-98	

	300392(113
CLIENT: AMOCO	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199 BLOCATION ND: 87515 C.D.C. ND:
LOCATION: NAME: TICA. A QUAD/UNIT: SEC: Z	PROTE TRIBAL 35WELL #: Z PIT: BLOW TWP:ZYN RNG: 5W PM: NM CNTY: RA ST: NM CONTRACTOR: P + 5 PAGE NO: of DATE STARTED: [Z]ZZ 97 DATE FINISHED: ENVIRONMENTAL SPECIALIST: SPECIALIST: NW CURRENT VARDAGE: / 500
EXCAVATION APPROXS DISPOSAL FACILITY: _ LAND USE: _ RANGE	REMEDIATION METHOD: LANDFORMED LEASE: JIC35 FORMATION: DK LEASE: JIC35 FORMATION: PROM WELLHEAD.
DEPTH TO GPOUNDWATER: 21	OO' NEAREST WATER SHURLE: CHECK LINE:
NO APPARENT	FIBERGLASS TANK INSTALLED THE BROWN SAND, NON COHESIVE SUGHTLY MOTST FIRM TO STRINING OR HE OPOR DESERVED THROUGHANT ENTIRE NO APPARENT HE DOOR DESERVED IN ANY OF THE OVIN YELL BROWN SILTY CMY TO CMY & BOTTOM Y3 OF EXCAUSTION STRINING OR HE DOOR DESERVED WIT. FIELD 418.1 CALCULATIONS
SCALE O FT PIT PERI	TIME SAMPLE LD. LAB NO: WEIGHT (g) ML. FREON DILUTION READING CALC. PPM IZIS (S) e 28' TPH-1950 5 20 1:1 5 ND OVM PIT PROFILE RESULTS
TIO	SAMPLE FIELD HEADSPACE PID (IPPM) A A A A A A A A A
50' A B B	LAB SAMPLES SAMPLE ANALYSIS TIME DK. YELL. BROWN SILTY CLAY TO CLAY (NO STAINING)
TRAVEL NOTES: CALL	OUT: 12/17/97 - AFTER ONSITE: 12/22/97 - AFTER.

BLAGG ENGINEERING, INC.

P.O. Box 87, Bloomfield, New Mexico 87413 Phone: (505)632-1199 Fax: (505)632-3903

FIELD MODIFIED EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client:

AMOCO

Project #:

Sample ID:

5 @ 28'

Date Analyzed:

12-22-97

Project Location:

Jicarilla Apache Tribal 35 # 2

Date Reported:

12-22-97

Laboratory Number:

TPH-1950

Sample Matrix:

Soil

Parameter	Result, mg/kg	Detection Limit, mg/kg
Total Recoverable Petroleum Hydrocarbons	ND	20

ND = Not Detectable at stated detection limits.

QA/QC:

QA/QC Sample TPH mg/kg	Duplicate TPH mg/kg	% *Diff.
608	568	6.80

^{*}Administrative Acceptance limits set at 30%.

Method:

Modified Method 418.1, Petroleum Hydrocarbons, Total

Recoverable, Chemical Analysis of Water and Waste,

USEPA Storet No.4551, 1978

Comments: Blow Pit - BJ515

BLAGG ENGINEERING, INC.

P.O. Box 87, Bloomfield, New Mexico 87413

Phone: (505)632-1199 Fax: (505)632-3903

Field TPH-Worksheet

Client: AMOCO Project #:

Sample ID: 5 @ 28' Date Analyzed: 12-22-97
Project Location: Jicarilla Apache Tribal 35 # 2 Date Reported: 12-22-97

Laboratory Number: TPH-1950 Sample Matrix: Soil

Sample Weight: 5.00 grams Volume Freon: 20.00 mL

Dilution Factor: 1 (unitless)
TPH Reading: 5 mg/kg

TPH Result:

Reported TPH Result:

Actual Detection Limit:

Reported Detection Limit:

20.0 mg/kg
20.0 mg/kg
20.0 mg/kg
20.0 mg/kg

Comments: Blow Pit - BJ515

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

SUBMIT 1 COPY TO

NATURAL RESOURCE DEPT

AND OIL & GAS ADMINISTRATION

PIT REMEDIATION AND CLOSURE REPORT

	(505)226 0200	
Operator: AMOCO PRODUCTION COMPANY	Telephone: (505)326-9200	
Address: 200 Amoco Court, Farmington, M		
Facility or Well Name: JICARILLA APPORTE TE	18AL 35 # Z	-
	HN RSW County RIO ARRIBA	
		-
Land Type: RANGE		
Pit Location: Pit dimensions: length	۲۱', width_ ۶۶', depth_ ۲۶'	
(Attach diagram) Reference: wellhead X,	other	
Footage from reference:	0'	
Direction from reference: 4	7 Degrees East North X	
	West South	
Depth To Groundwater: (Vertical distance from contaminants to seasonal high water elevation of groundwater)	Less than 50 feet (20 points) 50 feet to 99 feet (10 points) Greater than 100 feet (0 points)	_
Distance to an Ephemeral Stream (Downgradient dry wash greater than ten feet in width)	Less than 100 feet (10 points) Greater than 100 feet (0 points)	
Distance to Nearest Lake, Playa, or Watering Pond (Downgradient lakes, playas and livestock or wildlife watering ponds)	Less than 100 feet (10 points) Greater than 100 feet (0 points)	_
Wellhead Protection Area: (Less than 200 feet from a private domestic water source, or: less than 1000 feet from all other water sources)	Yes (20 points) No (0 points)	—
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 Completed: 2 23 97
	ZSO
rediation Method:	
sections)	Landfarmed Nation Insitu Bioremediation
	Other
Remediation Location (i.e. landfarmed onsite, name and location of	
offsite facility) General Description	of Remedial Action: Excavation. PT BOTTON CONSIST OF BEDROCK.
APPLIED FERTILITY	ER ON EAST SIDEWALL.
Groundwater Encoun	tered: No X Yes Depth
Final Pit: Closure Sampling: (if multiple samples,	Sample location see Attached Documents
attach sample results and diagram of sample	Sample depth
locations and depths)	Sample date 12/22/97 Sample time 13/5
	Sample Results
	Soil: Benzene (ppm) 2.0420 Water: Benzene (ppb)
	Total BTEX (ppm) <u>\$1.8つら</u> Toluene (ppb)
	Field Headspace (ppm) 1508 Ethylbenzene (ppb)
	TPH (ppm) 4,638 Total Xylenes (ppb)
Groundwater Sampl	
1 HEREBY CERTIF KNOWLEGE AND	
DATE	PRINTED NAME Buddy D. Shaw
GLOS A TRUBE CA	AND TITLEEnvironmental Coordinator
AFTER REVIEW O	F THE PIT CLOSURE INFORMATION, PIT CLOSURE IS APPROVED IN ACCORDANCE.
APPROVED: YES	NO X (REASON) conditional closure 51.8
SIGNED:	DATE: 1-6-98

RTSIS	
BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199 CLIENT: AMOCO LOCATION NO. BJS15	_
FIELD REPORT: CLOSURE VERIFICATION PAGE NO: / of	
DATE STARTED: /2/23/4	7
ODIAN / LINIT & SEC: 7 TWP: 240 RNG: 5W PM: MTCKT1997 SUPER PRIZE ENVIRONMENTAL	
EXCAVATION APPROX11 FT. x 53 FT. x 23 FT. DEEP. CUBIC YARDAGE: 1,250	_
REMEDIATION METHOD.	-
LEASE: VICIO	=
TO STANTE WITH A TOUR TO STANT	AD.
DEDTH ID OPHUNIWATER: 2100' NEAPEST WATER SHORCE: CHECK UNE:	
MMCCD PADE ING SCORE: NMCTALLED	
COIL AND EXTAVATION DESCRIPTION	
SIDEWALLS CONSIST OF MUSTLY MOD. YELL BROWN SAND EXCEPT EAST SIDEW SIDEWALLS CONSIST OF MUSTLY MOD. YELL BROWN SAND EXCEPT EAST SIDEW	1012
SIDEWALLS CONSIST OF MUSTLY MOD. FELL. BROWN SAND SOUR (SEE PIT PROF. WHICH K LT. TO DK. QUIVE GRAY (STRINED) W/STRONE HC DOOR (SEE PIT PROF. FILL NORTH & SOUTH SIDEWALL STRINED AREAS) NON COHESIVE SLIGHTLY MUIST, F FUR NORTH & SOUTH SIDEWALL OUND SAMPLES ONLY. STRONE HC DOOR IN NORTH EAST, & SOUTH SIDEWALL OUND SAMPLES ONLY.	= Bn
THRONG HE OWOR IN NORTH EAST, & SOUTH SIDEWALL OUN SAMPLES THE ODOR I	~
PIT BOTTOM - DEKY RED SHALE BEDROCK, VERY HARD, NO APPARENT HE DOOR !	
REDITION TIME SAMPLE I.D. LAB NO: WEIGHT (g) INL. FREON DILUTION READING CALC. PE	pm
BOTTOM TIME SAMPLE I.D. LAB No: WEIGHT (q) IML. FREON DILUTION READING GOOD	
SCALE	
O FT OVM DIT DOOFH F	
PIT PERIMETER N RESULTS PIT PROFILE	
SAMPLE PIO (ppm)	
A.	!
1 5 5 5 26' 7.6 23'	
\$3 \ \(\frac{1}{5} \) \(\fra	
OIZ. OLIVE GROY STOLVING	
SAMPLE ANALYSIS TIME	
TANK (80K)	
HEAD TOH PASSED	
BTEX - FRILED	
TRAVEL NOTES: CALLOUT: 12/17/97-AFTER ONSITE: 12/22/97-AFTER.	

Well Name:

Well Site location:

Pit Type:

Producing Formation:

Pit Category:

Horizontal Distance to Surface Water:

Vicinity Groundwater Depth:

Jicarilla Apache Tribal 35 # 2

Unit E, Sec. 2, T24N, R5W Separator Pit

W. Lindrith Gallup Dakota Non Vulnerable

> 1000 ft.

> 100 ft.

RISK ASSESSMENT - (non vulnerable)

Pit remediation activities were terminated when trackhoe encountered shale bedrock at 26 feet below grade.

No past or future threat to surface water or groundwater is likely based on the following considerations:

- Past production fluids were contained locally by a relatively shallow shale bedrock located 26 feet below grade. Groundwater levels located on or close to the well pad are estimated to be at a much greater depth below shale bedrock.
- 2. Topographic information does not indicate off site lateral fluid migration near the earthen pit.
- Daily discharge into the earthen pit has been terminated (pit abandoned). Prior discharge into the pit is believed to be under 5 barrels per day.
- 4. Well site located within the <u>non-vulnerable area</u> and is approximately 1.23 miles north of the nearest vulnerable area boundary (Canada Largo wash).

(Refer to Otero Store Quadrangle, New Mexico - Rio Arriba County, 7,5 Minute Series (Topographic), 1963, (vulnerable area boundary developed by Mr. William C. Olson, Hydrogeologist, Environmental Bureau, New Mexico Oil Conservation Division).

Based upon the information given, we conclude that the subsurface lateral impact from the earthen pit is very limited and that the shale bottom creates enough of a impermeable barrier as to subdue impact to groundwater below it (please refer to AMOCO's report "Post Excavation Pit Closure Investigation Summary, July, 1995", with cover letter dated November 30, 1995). AMOCO requests pit closure approval on this location.



Client: Sample ID: Laboratory Number: Chain of Custody No: Sample Matrix: Preservative: Condition:	Blagg / AMOCO 2 @ 17' C727 5666 Soil Cool Cool and Intact	Project #: Date Reported: Date Sampled: Date Received: Date Extracted: Date Analyzed: Analysis Requested:	04034-10 12-23-97 12-22-97 12-23-97 12-23-97 12-23-97 8015 TPH
--	---	---	--

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	2,024	0.2
Diesel Range (C10 - C28)	2,614	0.1
Total Petroleum Hydrocarbons	4,638	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 Apache Tribal #2 Separator Pit.

Analyst

Review Review



EPA METHOD 8020 AROMATIC VOLATILE ORGANICS

Client: Sample ID: Laboratory Number: Chain of Custody: Sample Matrix: Preservative: Condition:	Blagg / AMOCO 2 @ 17' C727 5666 Soil Cool Cool & Intact	Project #: Date Reported: Date Sampled: Date Received: Date Analyzed: Date Extracted: Analysis Requested:	04034-10 12-23-97 12-22-97 12-23-97 12-23-97 12-23-97 BTEX
---	---	---	--

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene Toluene Ethylbenzene p,m-Xylene o-Xylene	42.0 6,930 8,940 13,040 22,920	8.8 8.4 7.6 10.8 5.2
Total BTEX	51,870	

ND - Parameter not detected at the stated detection limit.

rameter	Percent Recovery
fluorotoluene	96 %
	96 %
	rameter fluorotoluene omofluorobenzene

References:

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

July 1992.

Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846,

USEPA, Sept. 1994.

Comments:

Jicarilla Apache Tribal #2 Separator Pit.

Analyst

Review dender

	Received by: (Signature)	Received by				7	Relinquished by: (Signature)
Que 10-23-97 0718	(Signature)	Received by: (Signature)	Date Time		,0,		Relinquished by: (Signature)
d mintiput	ENEN GER	KECENT	SAMPE				
	-						
		-					
THEN KIN STEX		_					
17 TPH < 5000 PA	< <	_	5012	C727	97 1315	12/22/97	(E)@)7'
PROFIN -COL	(80	N Cor	Sample Matrix	Lab Number	Sample Time	Sample Date	Sample No./ Identification
	PH (15) (EX (120)	lo. of ntainers	10	01-46040		(A)	Mon U
Remarks		1	Chain of Custody Tape No.	Chain of Custody Tape No.		Mosco	
ANALYSIS/PARAMETERS	A Z	¥	SEPARATOR FIT	Project Location			
	ECORD	ODY R	CHAIN OF CUSTODY RECO	C			

Received by: (Signature)

Relinquished by: (Signature)

ENVIROTECH INC. 57% U.S. Highway 64-3014 Farmington, New Mexico 87401

(505) 632-0615

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

SUBMIT 1 COPY TO

NATURAL RESOURCE DEPT

AND OIL & GAS ADMINISTRATION

ON-SITE SOIL REMEDIATION REPORT

		m.lhone (505) 326-9200
Operator: AMOCO PRODUCTION C	OMPANY	Telephone: (505) 326-9200
ooo amaga Court.	Farmington,	NM 87401
JICAN	LA APACHE TR	CIBAL # 35 - C
Landian Unit or Otr/Otr Sec	Sec TZH	N R SW County 1210 ARRIBA
0		
Land Type: LANGE		Date Completed: 9/11/98 Approx. cubic yards 2,750
Date Remediation Started:/2	/22/97	Approx. cubic yards 2,750
Remediation Method: Landfarmed		Approx. Cubic yards
Composted		
Other		
Depth To Groundwater:	(pts.)	Final Closure Sampling:
Distance to an Ephemeral Stream	_	Sampling Date: Time:
11	-	Sample Results:
Distance to Nearest Lake, Playa, or Watering Pond	(pts.)	Field Headspace (ppm)
Wellhead Protection Area:	(pts.)	TPH (ppm) Method
Distance To SurfaceWater:	(pts.)	Other MULTIPLE SAMPLES - SEE
GODE (TOTAL POIN	NTS):	ATRCHED FORM.
RANKING SCORE (TOTAL POINT I HEREBY CERTIFY THAT THE INFORMATION OF T	ORMATION ABOV	E IS TRUE AND COMPLETE TO THE BEST OF MY
0/11/08	DDINTED]	NAME Buddy D. Shaw
SIGNATURE BURLY S.	Shaw	AND TITLE Environmental education
AFTER REVIEW OF THE SOIL REM	EDIATION INFORM APACHE TRIBE P	MATION, ON-SITE REMEDIATION IS APPROVED IN IT CLOSURE ORDINANCE.
APPROVED: YES NO	(REASON)	
SIGNED: Ker Ma	0-	e:

CLIENT: AMOCO	BLAGG ENGIN P.O. BOX 87, BLOOM (505) 63	MFIELD, NM 87413	LOCATION C.O.C.	ND: <u>8</u>	
FIFID REPORT:	LANDFARM/COMPC		E VERIFI	CATI	ON
2 22	35 WELL #: Z	PITS: 5 EP. BWW	- DATE FINISHE	U	
OVAD /UNIT: F SEC. Z	TWP: 240 RNG: 3W P	M. NOC CHILITA	ENVIRONMENT SPECIALIST:	AL	/V
	اس CONTRACTOR:				
SOIL REMEDIATION: REMEDIATION SYS'	TEM: LANDFALM	APPROX. CUBIC	YARDAGE:	2,00	0
					,o '
DEPTH TO GROUNDWATER: >18	RKS: PO! NEAREST WATER SOURCE: _	>1000 NEAREST SURF	ACE WATER:		
NMBCD RANKING SCORE: D APPROX. 750 C.Y. C OF VERY PALE SRA	NMOCD TPH CLOSURE STD: DEPOSED TO JICARLILLA APAREL DEF TO OK. YELL - SLOWN 50 NING DESERVED WIN LF-26 LF OPENSE AT. LOCATED IN CENT TECTED WIN JAMPUNG AT. TO 142, COLLECTED 5	PPM HE TAIBAL + 35 -7 (J- Z. AND NOW COHESIDE, SUCH ESTREAS (SEE SKETCH BELOW	-24-5). SON	- consi FIRML OISCOLI	STED SRAMON
CLOSED	p 410.1	CALCULATIONS			
SAMP. TIME S	AMPLE 1.D. LAB No: WEIGHT ((g) ml. freon Dilution Rea	DING CALC. P		
SKETCH/SAMP	LE LOCATIONS N	PARAFFIN			
Palaffin Like	SERM /S	STAINING.			
STAINING	(5)	OVM RESULTS	LAB SA	4MPL]	ES
			MPLE ANALYSIS	TIME	RESULTS
TANK AKEN		LF-1 0.0 LF-	(8075) TeH	0815	163
TAME	B 3 150'	LF-3 18.2 LF-	- 2 (8515)	0900	1,110
	•	LF-3 18.2 LF-	5 (80.37		
رت - ا 4 ه و 4	HEAD RUN				
B BERM	TANK			1	
	PIT LF-3 AREA	SCALE 0 FT ONSITE: 9/9/98 -	more.		

ONSITE:

TRAVEL NOTES:

CALLOUT:____



Client: Sample ID: Laboratory Number: Chain of Custody No: Sample Matrix: Preservative: Condition:	Blagg / AMOCO LF - 1 D916 6201 Soil Cool Cool and Intact	Project #: Date Reported: Date Sampled: Date Received: Date Extracted: Date Analyzed: Analysis Requested:	04034-10 09-11-98 09-09-98 09-09-98 09-10-98 09-11-98 8015 TPH
Parameter		(ma/Ka)	(mg/Kg)
Gasoline Range (C5 - C	10)	14.5	0.2
		148	0.1
Diesel Range (C10 - C2 Total Petroleum Hydroc		163	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 Apache Tribal 35 - 2 Landfarm. 5 Pt. Compostie.

Analyst

Stacy W Sendler



0.1

0.2

Client: Sample ID: Laboratory Number: Chain of Custody No: Sample Matrix: Preservative: Condition:	Blagg / AMOCO LF - 2 D917 6201 Soil Cool Cool and Intact	Project #: Date Reported: Date Sampled: Date Received: Date Extracted: Date Analyzed: Analysis Requested:	04034-10 09-11-98 09-09-98 09-09-98 09-10-98 09-11-98 8015 TPH
Parameter		oncentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C	:10)	68.4	0.2

ND - Parameter not detected at the stated detection limit.

References:

Diesel Range (C10 - C28)

Total Petroleum Hydrocarbons

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

1,030

1,100

SW-846, USEPA, December 1996.

Comments:

Jicarilla Apache Tribal 35 - 2 Landfarm. 5 Pt. Compostie.

Aslice L. Cycles

Stacy W Sendler



Blagg / AMOCO LF - 3 D918 6201 Soil Cool Cool and Intact	Project #: Date Reported: Date Sampled: Date Received: Date Extracted: Date Analyzed: Analysis Requested:	04034-10 09-11-98 09-09-98 09-09-98 09-10-98 09-11-98 8015 TPH
	oncentration (mg/Kg)	Det. Limit (mg/Kg)
	55.6	0.2
	853	0.1
bons	909	0.2
	LF - 3 D918 6201 Soil Cool	Date Reported: Date Sampled: Date Received: Date Extracted: Date Analyzed: Analysis Requested: Oncentration (mg/Kg) 55.6

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 Apache Tribal 35 - 2 Landfarm. 5 Pt. 0

5 Pt. Compostie.

Alexa L. Copere

Stacy W Sendler

CHAIN OF CUSTODY RECORD

1	Cool - Ice/Blue Ice	xico 8/401	Farmington, New Mexico 87401 (505) 632-0615			
7	Received Intact	vay 64	5796 U.S. Highway 64			
Y N N				,		
ceipt	Sample Receipt	500		9	7 1001- 6201	0
		Received by: (Signature)	Received		(Signature)	Relinquished by: (Signature)
		Received by: (Signature)	Heceiveo		(Signature)	Relinquished by: (Signature)
JAN/ 46.	9,9.98	P. Guen	24418		(Signature)	Relinquished by (Signature)
ite Time	Date	Boceiped hy: (Signature)	Data Time Baceiver			
			20)2	8169	3460 86/6/6	1F-3
Can (05)77	5 07 6					
	l l		2012	£16Q	9/9/98 0900	LF-2
MARTE	8					
PT. COMPOSITE	5 M. Co	<	2012	716a	9/9/98 0815	LF-1
- 0001	192			Lab Number	Sample Sample Date Time	Sample No./
RES	ML SAMPLES	PH (DIS)	lo. of	04034-10	NJV	Sampler.
untas -	Remarks)	-	Client No.	1 moco	Campber
	METERS	ANALYSIS / PARAMETERS	CANDERGAL ZC - 7	\simeq	ne December 1	Client / Project Name