DEPUTY OIL & GAS INSPECTOR

JICARILLA APACHE TRIBE

ENVIRONMENTAL PROTECTION OFFICE

SUBMIT 1 COPY TO NATURAL RESOURCE DEPT AND OIL -GAS ADMINISTRATION

FEB 0 8 1999

P.O. BOX 507 DULCE, NEW MEXICO 87528

PIT REMEDIATION AND CLOSURE REPORT

Operator: PNM Gas Services (Co Noc o) Telephone: 324-3764
- Start Formington NM 8740	
Address: 603 W. Elm Street Farmington, NM 8740	
Facility or Well Name: Axi Apache	m-5
Location: Unit: A Sec. 14	r. ス 、N R. <u>タ W</u> County Rio Arriba
Pit Type: Separator X Dehydrator	Other
Pit Type: Separator X Denydrator	
Land Type: Jicarilla Apache	_
Pit Location: Pit dimensions: length	20' width 20' depth 3'
PIL LOCATION:	40
(Attach diagram) Reference: wellhead	<u>\(\chi\)</u>
Footage from reference:	k'
	% - Worth W
Direction from reference: 8 a	of
	West South
Depth to Ground Water:	Less than 50 feet (20 points) 50 feet to 99 feet (10 points)
(Vertical distance from contaminants	Greater than 100 feet (0 points)
to seasonal high water elevation of ground water)	(20 points)
Wellhead Protection Area:	Yes No (0 points)
(Less than 200 feet from a private domestic water source, or, less than 1,000 feet from all	
other water sources)	Less than 200 feet (20 points)
Distance to Surface Water:	200 feet to 1,000 feet (10 points)
(Horizontal distance to perennial lakes, ponds, rivers, streams,	Greater than 1,000 feet (0 points)
creeks, irrigation canals and ditches)	Less than or equal to 100 feet (10 points)
Distance to Ephemeral Stream (dry wash):	Less than or equal to 100 feet (10 points) Greater than 100 feet (0 points)
(Horizontal distance to all downgradient streams having a width of at least 10	
feet)	Less than or equal to 100 feet (10 points) Greater than 100 feet (0 points)
Distance to Nearest Lake, Playa, or Watering Pond:	Greater than 100 feet (0 points)
(Horizontal distance to all downgradient lakes, playas, and livestock or wildlife	
water ponds)	
	RANKING SCORE (TOTAL POINTS):

	, ,		12/28/98 AND
Date Remediation Started:	11/16/98	Date Completed:	11314 18
Remediation Method:	Excavation X	Approx. Cubic Yards	106
(Check all appropriate	Landfarmed X	Amount Landfarmed (c	ubic yds):
sections)	Other		
Remediation Location: (i.e., landfarmed onsite, name and location of offsite facility)	OnsiteX	Offsite	
General Description of R Removed Cu 10 a below Button a 5' Excavated pin	ntaminated Soil	(Sampled)	side Welli
Ground Water Encounte	ered: No X	Yes Depth	
Soil: Ground Water Samp	Sample Results Benzene (ppm) Total BTEX (ppm ///. Field headspace (ppm) // TPH 38 ppm Methole: Yes	Water: Benzer Water: Benzer Toluer Total No X (If yes, at	
SIGNATURE	AM COUR HE PIT CLOSURE INFORMAT HE TRIBE PIT CLOSURE ORDI NO (F	PRINTED NAME Gary C AND TITLE Environm ION, PIT CLOSURE IS APPRI NANCE.	ental Technician III OVED IN ACCORDANCE

Axi Apache M-5
Conoco
Sec. 14, 25N, 4W, A

Site drawing:

Axi Apache m.5
Vell head

Not to scale

Ax; Apache M-5 Conoco Sec. 14, 25N, 4W, A

North Wall

e 3'
7.9 ppm

South Wall

@ 3' 3.4ppm

East Wall

6.8pm

West Wall

Q 3'

Bottom

1114 pm . 994 pm & 5' depth 821 ppm Ruck

3 pt. comp. head space reading = 1716 ppm



OFF: (505) 325-5667

LAB: (505) 325-1556

On Site Technologies, LTD.

CLIENT:

PNM - Public Service Company of NM

Project:

Jicarilla Pit Remediation

Lab Order:

9811066

CASE NARRATIVE

Date: 02-Dec-98

Samples were analyzed using the methods outlined in the following references:

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, 3rd Edition

All method blanks, laboratory spikes, and/or matrix spikes met quality assurance objectives.

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 02-Dec-98

Client:

PNM - Public Service Company of NM

Work Order:

9811066

Lab ID:

9811066-01A

Matrix: SOIL

Project:

Jicarilla Pit Remediation

Client Sample Info: Axi Apache M-5

Client Sample ID: 9811160920; Bottom @ 5ft.

Collection Date: 11/16/98 9:20:00 AM

COC Record: 7428

Parameter	Result	PQL	Qual Units	DF	Date Analyzed
DIESEL RANGE ORGANICS	sv	V8015			Analyst: HR
T/R Hydrocarbons: C10-C28	28	25	mg/Kg	1	11/25/98
BTEX	SV	V8020A			Analyst: HR
Benzene	ND	100	μg/Kg	100	11/24/98
Toluene	ND	200	μg/Kg	100	11/24/98
Ethylbenzene	1200	100	μg/Kg	100	11/24/98
m,p-Xylene	7900	200	μg/ Kg	100	11/24/98
o-Xylene	1700	100	μg/Kg	100	11/24/98
	10800	\	, , ,		
	1000	~			

Qualifiers:

PQL - Practical Quantitation Limit

ND - Not Detected at Practical Quantitation Limit

J - Analyte detected below Practical Quantitation Limit

B - Analyte detected in the associated Method Blank

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

Surr: - Surrogate

1 of 1

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 02-Dec-98

Client:

PNM - Public Service Company of NM

Work Order:

9811066

Lab ID:

9811066-02A

Matrix: SOIL

Project:

Jicarilla Pit Remediation

Client Sample Info: Axi Apache M-5

Client Sample ID: 9811160925; Walls @ 3ft.

Collection Date: 11/16/98 9:25:00 AM

COC Record: 7428

Parameter	Result	PQL	Qual Units	DF	Date Analyzed
DIESEL RANGE ORGANICS	SW8015				Analyst: HR
T/R Hydrocarbons: C10-C28	ND	25	mg/ Kg	1	11/23/98

Qualifiers:

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B - Analyte detected in the associated Method Blank

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

Surr: - Surrogate

1 of 1

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

Operator: PNM Gas Services (Conoco)	Telephone: 324-3764
Address: 603 W. Elm Street Farmington, NM 87401	
Facility or Well Name: Ax; Apache M	-5
Location: Unit: <u>月</u> Sec. <u>1 リー</u> T.	25 N R. 4 W County Rio Arriba
Land Type: Jicarilla Apache	
Date Remediation Started: // -/L - 98 Remediation Method: Landfarmed X Composted Other	Approx. cubic yards Light 198 12-18-98 Approx. cubic yards
Depth to Ground Water: (pts.)	Final Closure Sampling:
Distance to an Ephemeral Stream: (pts.)	Sampling Date: 12-10-98 Time 1505
Distance to Nearest Lake, Playa, (pts.) or Watering Pond:	Sampling Results:
Wellhead Protection Area: (pts.)	Field Headspace (ppm) 59.8 ppm
Distance to Surface Water: (pts.)	TPH (ppm) 1000 Method 7PH-8015
Ranking Score (Total Points):	Other
HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND (COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF
DATE 12/22/98 PRINTED NAI	ME Gary Cook
SIGNATURE Hang Cark AND	TITLE Environmental Technician III
AFTER REVIEW OF THE SOIL REMEDIATION INFORMATION, ON-SITE JICARILLA APACHE TRIBE PIT CLOSURE ORDINANCE	- A ' 1()
APPROVED: YES NO (REASON) SIGNED: DATE	NO Bockfull :: 12-28-98

Axi Apache M-5 Conuco Sec. 14,25N, 4W, A

Landfarm: On location
106 yards

TN

Ax: Apacho M-5
 Well head

75'
36.8 ppr 21.2 ppm 29.5 pm
45'
41.3 ppn 17.9 ppn 22.1 ppn

2"-12" depth Soil vaper herd space = 59.8 ppm

Not to Scale

ON SITE

TECHNOLOGIES, LTD.

Date: 21-Dec-98

OFF: (505) 325-5667

LAB: (505) 325-1556

On Site Technologies, LTD.

CLIENT:

PNM - Public Service Company of NM

Project:

Jicarilla Pit Remediation

Lab Order:

9812026

CASE NARRATIVE

Samples were analyzed using the methods outlined in the following references:

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, 3rd Edition

All method blanks, laboratory spikes, and/or matrix spikes met quality assurance objectives.

OFF: (505) 325-5667
TECHNOLOGIES, LTD.

LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 21-Dec-98

Client:

PNM - Public Service Company of NM

Work Order:

9812026

9812026-01A

Matrix: SOIL

Lab ID: Project:

Jicarilla Pit Remediation

Client Sample Info: Axi Apache M-5 LF

Client Sample 1D: 9812100715; 6pt. Composite

Collection Date: 12/10/98 7:15:00 AM

COC Record: 7447

Parameter .	Result	PQL	Qual Units	DF	Date Analyzed
DIESEL RANGE ORGANICS	SW8015				Analyst: HR
T/R Hydrocarbons: C10-C28	1000	25	mg/Kg	1	12/18/98

backs: 11 ed pit From borrow pit

Qualifiers:

PQL - Practical Quantitation Limit

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