

DEPUTY OIL & GAS INSPECTOR

FEB 08 1999

Approved

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

Operator: <u>PNM Gas Services (WFS)</u>		Telephone: <u>324-3764</u>	
Address: <u>603 W. Elm Street Farmington, NM 87401</u>			
Facility or Well Name: <u>Ax. Apache J-3 DRIP</u>			
Location:	Unit: <u>E</u>	Sec. <u>6</u>	T. <u>25 N</u> R. <u>5 W</u> County <u>Rio Arriba</u>
Pit Type:	Separator <u> </u>	Dehydrator <u> </u>	Other <u>Line Drip</u>
Land Type: <u>Jicarilla Apache</u>			

Pit Location:	Pit dimensions:	length <u>18'</u>	width <u>18'</u>	depth <u>1'</u>
(Attach diagram)	Reference:	wellhead <u> </u>	other <u>Drip Column</u>	
	Footage from reference:	<u>21'</u>		
	Direction from reference:	<u>DUE</u> Degrees <u> </u> East	North <u>X</u>	
		<u> </u> West of South <u> </u>		

Depth to Ground Water: <small>(Vertical distance from contaminants to seasonal high water elevation of ground water)</small>	Less than 50 feet	(20 points)	Ø
	50 feet to 99 feet	(10 points)	Ø
	Greater than 100 feet	(0 points)	Ø
Wellhead Protection Area: <small>(Less than 200 feet from a private domestic water source, or, less than 1,000 feet from all other water sources)</small>	Yes	(20 points)	Ø
	No	(0 points)	Ø
Distance to Surface Water: <small>(Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)</small>	Less than 200 feet	(20 points)	Ø
	200 feet to 1,000 feet	(10 points)	Ø
	Greater than 1,000 feet	(0 points)	Ø
Distance to Ephemeral Stream (dry wash): <small>(Horizontal distance to all downgradient streams having a width of at least 10 feet)</small>	Less than or equal to 100 feet	(10 points)	Ø
	Greater than 100 feet	(0 points)	Ø
Distance to Nearest Lake, Playa, or Watering Pond: <small>(Horizontal distance to all downgradient lakes, playas, and livestock or wildlife water ponds)</small>	Less than or equal to 100 feet	(10 points)	Ø
	Greater than 100 feet	(0 points)	Ø

RANKING SCORE (TOTAL POINTS):

Date Remediation Started:

7/22/98

Date Completed:

8/18/98

Remediation Method:

Excavation

☒

Approx. Cubic Yards

44 RB 36 44

(Check all appropriate sections)

Landfarmed

Amount Landfarmed (cubic yds):

Other

36 Cu. Yds.

Remediation Location:

Onsite

Offsite

(i.e., landfarmed onsite, name and location of offsite facility)

TNT LANDFARM

Schmitz Ranch N.M.

8 Cu. Yds. overburden

General Description of Remedial Action:

Removed Contaminated Soil from all four side walls as to get a below 100 ppm headspace reading. Pit bottom is sandstone. 3 PT Composite of Pit bottom. EXCAVATION Size 22'x18'x3'

Ground Water Encountered:

No

☒

Yes

Depth

Final Pit Closure

Sampling:

(if multiple samples, attach sample result and diagram of sample locations and depths.)

Sample Location

North, East, South, West Side walls and Pit bottom

Sample depth

3'

Sample date

7/22/98

Sample time

1148

Sample Results

Soil: Benzene (ppm)

ND

Water: Benzene (ppb)

Total BTEX (ppm)

.963

Toluene (ppb)

Field headspace (ppm)

1620

Ethylbenzene (ppb)

TPH 220 ppm

Method

8015

Total Xylenes (ppb)

Ground Water Sample:

Yes

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No

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(If yes, attach sample results)

I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND MY BELIEF

DATE

8/15/98

PRINTED NAME

Roy Burnham

SIGNATURE

Roy Burnham

AND TITLE

Environmental Technician II

AFTER REVIEW OF THE PIT CLOSURE INFORMATION, PIT CLOSURE IS APPROVED IN ACCORDANCE TO JICARILLA APACHE TRIBE PIT CLOSURE ORDINANCE.

APPROVED: YES

☒

NO

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(REASON):

SIGNED:

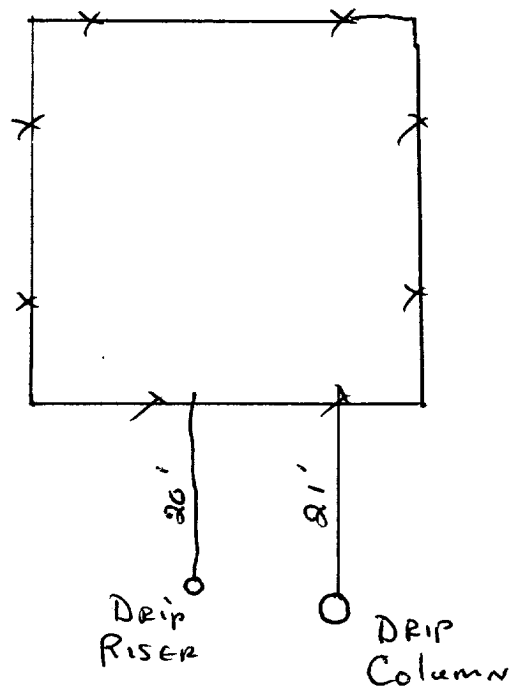
Kerr C Mamm

DATE:

8-18-98

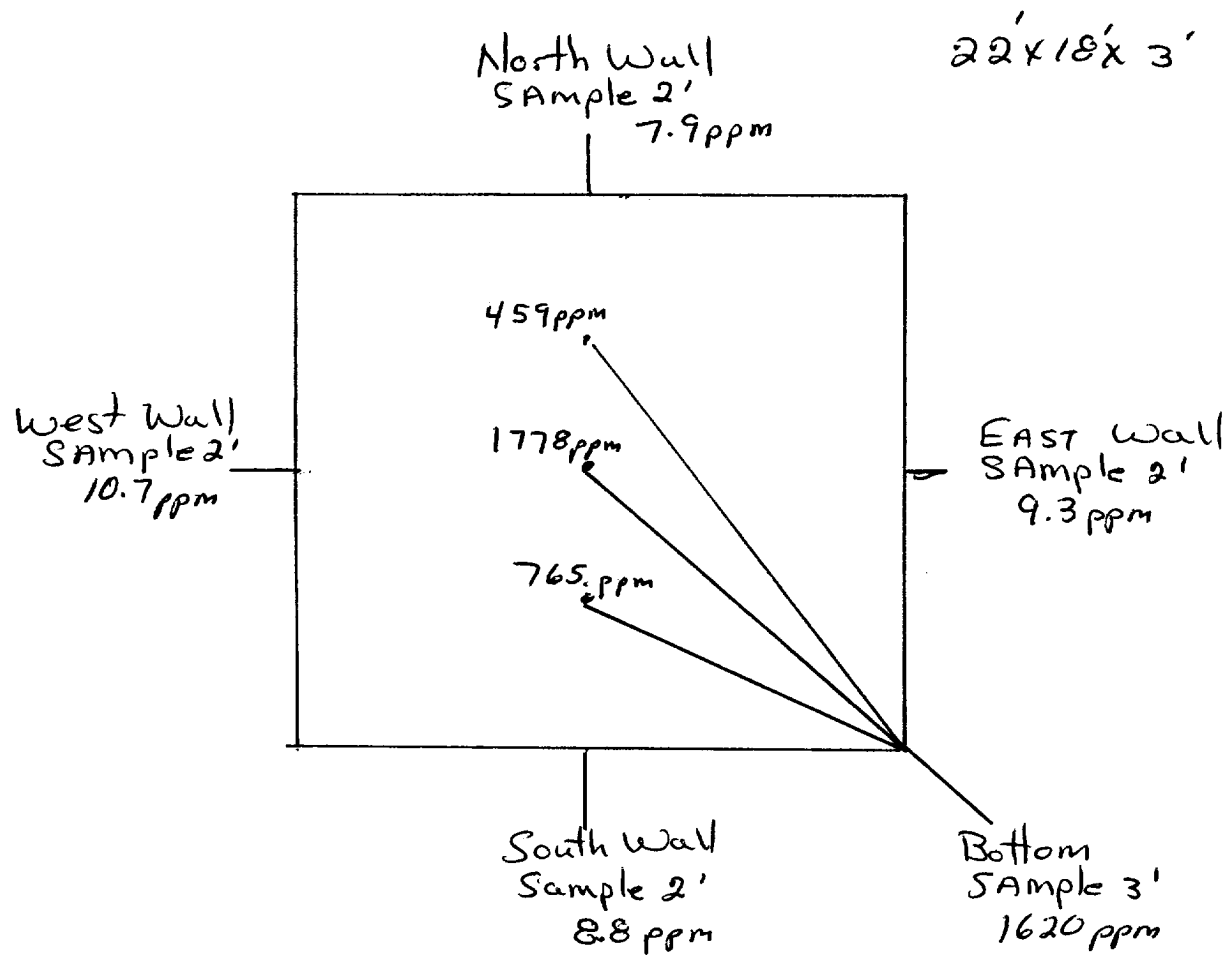
AX1 Apache J-3 DRIP
Sec-6 T-25N R-56 unit E

Site Drawing



AXI Apache J-3 DRIP
Sec-6 T-25N R-5W unit E
WFS

EXCAVATION DRAWING



OFF: (505) 325-5667



LAB: (505) 325-1556

On Site Technologies, LTD.

Date: 04-Aug-98

CLIENT: PNM - Public Service Company of NM
Project: PNM Pit Remediation
Lab Order: 9807067

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



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 04-Aug-98

Client:	PNM - Public Service Company of NM	Client Sample Info:	Axi Apache J-3 Drip
Work Order:	9807067	Client Sample ID:	9807221148; 3pt. Comp. Bottom
Lab ID:	9807067-02A	Matrix:	SOIL
Project:	PNM Pit Remediation	Collection Date:	7/22/98 11:48:00 AM
		COC Record:	7069

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015				Analyst: HR
T/R Hydrocarbons: C10-C28	220	25		mg/Kg	1	7/29/98
BTEX		SW8020A				Analyst: DC
Benzene	ND	5		µg/Kg	5	7/27/98
Toluene	210	10		µg/Kg	5	7/27/98
Ethylbenzene	43	5		µg/Kg	5	7/27/98
m,p-Xylene	500	10		µg/Kg	5	7/27/98
o-Xylene	210	5		µg/Kg	5	7/27/98

963
963 ppm

Qualifiers:	PQL - Practical Quantitation Limit	S - Spike Recovery outside accepted recovery limits
	ND - Not Detected at Practical Quantitation Limit	R - RPD outside accepted recovery limits
	J - Analyte detected below Practical Quantitation Limit	E - Value above quantitation range
	B - Analyte detected in the associated Method Blank	Surr: - Surrogate

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P.O. BOX 2606 • FARMINGTON, NM 87499

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 04-Aug-98

Client:	PNM - Public Service Company of NM	Client Sample Info:	Axi Apache J-3 Drip
Work Order:	9807067	Client Sample ID:	9807221147; 4pt. Comp. Walls
Lab ID:	9807067-01A	Matrix:	SOIL
Project:	PNM Pit Remediation	Collection Date:	7/22/98 11:47:00 AM
		COC Record:	7069

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015				Analyst: HR
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	7/28/98

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

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