

Operator:	PNM Gas Services (<u>WFS</u>)	Telephone:	324-3764
Address:	603 W. Elm Street Farmington, NM 87401		
Facility or Well Name:	<u>Jicarilla J21 Drip</u>		
Location:	Unit: <u>K</u>	Sec. <u>35</u>	T. <u>26 N</u> R. <u>5 W</u> County <u>Rio Arriba</u>
Pit Type:	Separator <input type="checkbox"/>	Dehydrator <input type="checkbox"/>	Other <u>Manual drip blowdown</u>
Land Type:	<u>Jicarilla Apache</u>		

Pit Location:	Pit dimensions:	length <u>20'</u>	width <u>20'</u>	depth <u>3'</u>
(Attach diagram)	Reference:	wellhead <input type="checkbox"/>	other <u>Manual blowdown riser</u>	
	Footage from reference:	<u>5'</u>		
	Direction from reference:	<u>90</u> Degrees	East <input type="checkbox"/>	North <input type="checkbox"/>
		<u>K</u> West	of <u>→</u>	South <u>K</u>

Depth to Ground Water:			
(Vertical distance from contaminants to seasonal high water elevation of ground water)	Less than 50 feet	(20 points)	
	50 feet to 99 feet	(10 points)	<u>0</u>
	Greater than 100 feet	(0 points)	

Wellhead Protection Area:			
(Less than 200 feet from a private domestic water source, or, less than 1,000 feet from all other water sources)	Yes	(20 points)	
	No	(0 points)	<u>0</u>

Distance to Surface Water:			
(Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)	Less than 200 feet	(20 points)	
	200 feet to 1,000 feet	(10 points)	<u>0</u>
	Greater than 1,000 feet	(0 points)	

Distance to Ephemeral Stream (dry wash):			
(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)	<u>0</u>

Distance to Nearest Lake, Playa, or Watering Pond:			
(Horizontal distance to all downgradient lakes, playas, and livestock or wildlife water ponds)	Less than or equal to 100 feet	(10 points)	
	Greater than 100 feet	(0 points)	<u>0</u>

RANKING SCORE (TOTAL POINTS):	<u>0</u>
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Date Remediation Started: 10-6-98 Date Completed: 11/2/98

Remediation Method: Excavation X Approx. Cubic Yards 1133

(Check all appropriate sections)

Landfarmed _____ Amount Landfarmed (cubic yds): _____

Other 1133 yds. staged on ROW awaiting final disposition

Remediation Location: Onsite _____ Offsite 1133 yds sent to FNT Commercial Landfarm on 537
(i.e., landfarmed onsite, name and location of offsite facility)

General Description of Remedial Action:

Removal of contaminated soil from all four sidewalls and to get a below 100ppm headspace reading. Bottom was excavated to a depth of 30' at the extreme safe operating limits of the equipment.
Final excavation dimensions: 34'(N+S) x 30'(E+W) x 30'(D).

Ground Water Encountered: No X Yes _____ Depth _____

Final Pit Closure Sampling:

Sample Location North, east, south, and west sidewalls and a 3 point composite of the bottom.

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

Sample depth 30'

Sample date 10-7-98 Sample time 1350 1345 ✓
1450 RAD

Sample Results

Soil: Benzene (ppm) .0055 Water: Benzene (ppb) _____

Total BTEX (ppm) 0.609
5985 RAD Toluene (ppb) _____

Field headspace (ppm) 564 Ethylbenzene (ppb) _____

TPH N/D ppm Method 8015 Total Xylenes (ppb) _____

Ground Water Sample: Yes _____ No X (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 10-20-98 PRINTED NAME Ray Haston

SIGNATURE Ray Haston AND TITLE Environmental Technician

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

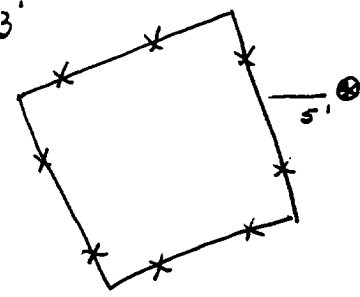
APPROVED: YES X NO _____ (REASON): _____

SIGNED: KAC Moul DATE: 11-2-98

↑
N

Jicarilla J21 Dr:
(K) 35-26N-5W
Williams Field Services
10-6-98

20'x20'x3'



manual drip blowdown riser

Excavation Sampling

34'(N+S) x 30'(E+W) x 30' (D)

- 5' sample - 978 ppm
- 10' sample - 1035 ppm
- 15' sample - 1111 ppm
- 20' sample - 1198 ppm
- 25' sample - 911 ppm
- 30' sample - 444 ppm

North wall sample
at 29' - 5.4 ppm

East wall sample
at 14' - 10.0 ppm

3 point bottom sample
at 20' - 564 ppm

West wall sample
at 29' - 19.7 ppm

South wall sample
at 29' - 0.0 ppm

not to scale

OFF: (505) 325-5667



LAB: (505) 325-1556

On Site Technologies, LTD.

Date: 19-Oct-98

CLIENT: PNM - Public Service Company of NM
Project: Jicarilla J21 Drip
Lab Order: 9810026

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.

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ANALYTICAL REPORT

Date: 19-Oct-98

Client:	PNM - Public Service Company of NM	Client Sample Info:	Jicarilla J21 Drip
Work Order:	9810026	Client Sample ID:	9810071345; 3pt. Comp Bottom
Lab ID:	9810026-01A	Matrix:	SOIL
Project:	Jicarilla J21 Drip	Collection Date:	10/7/98 1:45:00 PM
		COC Record:	5760

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS						
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	10/16/98
BTEX						
Benzene	5.5	2		µg/Kg	2	10/14/98
Toluene	69	4		µg/Kg	2	10/14/98
Ethylbenzene	44	2		µg/Kg	2	10/14/98
m,p-Xylene	370	4		µg/Kg	2	10/14/98
o-Xylene	120	2		µg/Kg	2	10/14/98

608.5
• 608.5 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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OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 19-Oct-98

Client:	PNM - Public Service Company of NM	Client Sample Info:	Jicarilla J21 Drip
Work Order:	9810026	Client Sample ID:	9810071350; 4pt. Comp Walls
Lab ID:	9810026-02A	Matrix:	SOIL
Project:	Jicarilla J21 Drip	Collection Date:	10/7/98 1:50:00 PM
		COC Record:	5760

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015				
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	Analyst: HR 10/14/98

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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