DEPUTY OIL & GAS INSPECTOR

JICARILLA APACHE TRIBE

SUBMIT ONE COPY 137 TO NATURAL RESOURCE DEPT AND OIL- GAS ADMINISTRATION

FEB 0 8 1999

ENVIRONMENTAL PROTECTION OFFICE

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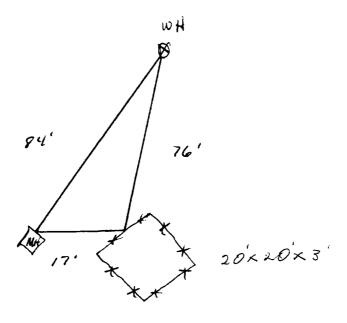
P.O. BOX 507 DULCE, NEW MEXICO 87528

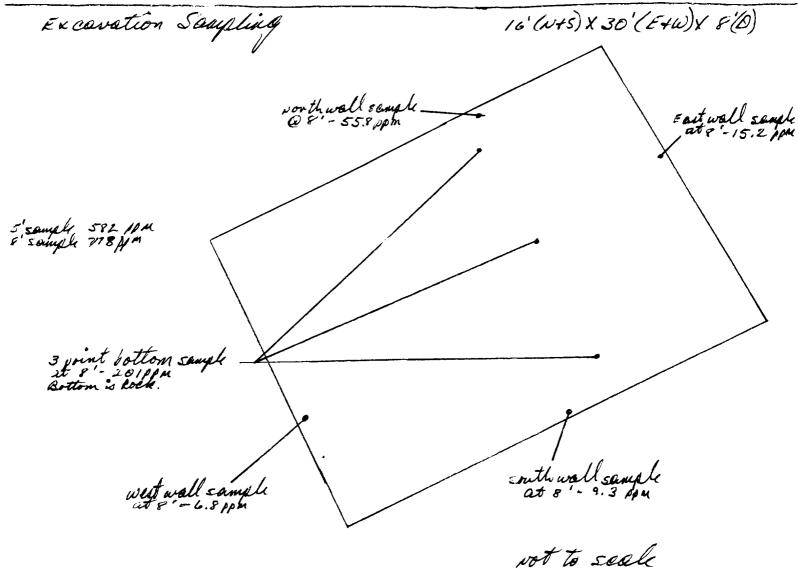
PIT REMEDIATION AND CLOSURE REPORT

Operator: PNM Gas Services (CONOCO	
Address: 603 W. Elm Street Farmington, NM 8	7401
Facility or Well Name: Jicarilla K19	
Location: Unit <u>G</u> Sec 12 T 25	N R 5 W County Rio Arriba
Pit Type: Separator Dehydrator	Other Manual drip blowdown
Land Type:Jicarilla Apache	
Pit Location: Pit dimensions: Length 20 '	Width20 ' Depth3 '
(Attach diagram) Reference: Wellhead 🔽	Other
Footage from reference: 76'	
Direction from reference: 9 degrees	East North
	✓ West ✓ South
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) Greater than 100 feet (0 points) 0
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)
Distance to Surface Water: (Horizontal distance to perrenial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)	Less than 200 feet (20 points) 200 feet to 1,000 feet (10 points) Greater than 100 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)
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) O
RANKING	G SCORE (TOTAL POINTS): 0

Date Remediation Started:	10/21	/98	Date Completed: 12/13	7/98	
Remediation Method:	Excavation	<u> </u>	Approx. Cubic Yards	142	
(Check all appropriate L sections)		7	Amount Landfarmed (cubic yds)		
Remediation Location: (i.e., landfarmed onsite, name and location of offsite facility)		₹]			
General Description of Rer Removal of contaminated Bottom is rock.		ır sidewalls, as to g	et a below 100 ppm head space r	reading.	
Final excavation dimension	ns: 16'(N&S)X	30'(E&W)X8'(D)			
Ground Water Encountered	i: No 🔽	Yes	Depth		
Final Pit Closure Sampling:		omposite of North, oint composite of ro	East, South, and West sidewalls and bottom.	and a three	
(If multiple samples, attach sample result and diagram of sample locations and depths.)	Sample depth			4840	
	Sample date	10/21/98	Sample time 0915	0910	
Sample Results					
Soil:	Benzene (ppm	n) <u>ND</u>	Water: Benzene	(ppb)	
	Total BTEX (ppm	0.293	Toluene	(ppb)	
Field	l headspace (ppm	55.8	Ethylbenzene	e (ppb)	
	TPH (ppm)	ND M	lethod 8015 Total Xylenes	(ppb)	
Vertical Extent (ft)	8'	Risk An	alysis form attached: Yes	No	
•	Yes				
I HEREBY CERTIFY THAT KNOWLEDGE AND MY BEIDATE: //- 20-98		ON ABOVE IS TRUE	AND COMPLETE TO THE BEST OF PRINTED NAME Ray Hasto		
SIGNATURE KAY			TITLE Environmental T	ech. III	
AFTER REVIEW OF THE P TO JICARILLA APACHE TR			OSURE IS APPROVED IN ACCORD	ANCE	
APPROVED: YES X	NO	(REASO	N):		
SIGNATURE:	C Ma		DATE: 11-30-98	/	









LAB: (505) 325-1556

On Site Technologies, LTD.

CLIENT:

PNM - Public Service Company of NM

Project:

Jicarilla K-19

Lab Order:

9810073

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.



LAB: (505) 325-1556

Date: 10-Nov-98

ANALYTICAL REPORT

Client:

PNM - Public Service Company of NM

Work Order:

9810073

Lab ID: Project: 9810073-01A

Matrix: SOIL

Jicarilla K-19

Client Sample Info: Jicarilla K-19

Client Sample ID: 9810210910; 3pt. Comp. Bottom

Collection Date: 10/21/98 9:10:00 AM

COC Record: 5767

Parameter	Result	PQL	Qual Units	DF	Date Analyzed
DIESEL RANGE ORGANICS	sv	V8015			Analyst: HR
T/R Hydrocarbons: C10-C28	ND	25	mg/Kg	1	11/3/98
ВТЕХ	SV	V8020A			Analyst: DC
Benzene	ND	5	μ g/Kg	5	10/28/98
Toluene	ND	10	µg/Kg	5	10/28/98
Ethylbenzene	13	5	µg/Kg	5	10/28/98
m,p-Xylene	200	10	µg/Kg	5	10/28/98
o-Xylene	80	5	μ g/Kg	5	10/28/98
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Qualifiers:

PQL - Practical Quantitation Limit

ND - Not Detected at Practical Quantitation Limit

B - Analyte detected in the associated Method Blank

J - Analyte detected below Practical Quantitation Limit

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

Surr: - Surrogate

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LAB: (505) 325-1556

Date: 10-Nov-98

ANALYTICAL REPORT

Client: PNM - Public Service Company of NM

Matrix: SOIL

Work Order:

9810073

Lab ID: Project: 9810073-02A

Jicarilla K-19

Client Sample Info: Jicarilla K-19

Client Sample ID: 9810210915; 4pt. Comp. Walls

Collection Date: 10/21/98 9:15:00 AM

COC Record: 5767

Parameter	Result	PQL	Qual Units	DF	Date Analyzed
DIESEL RANGE ORGANICS	SW8015			Analyst: HR	
T/R Hydrocarbons: C10-C28	ND	25	mg/Kg	1	11/3/98
ВТЕХ	SV	V8020A			Analyst: DC
Benzene	ND	1	μg/Kg	1	10/28/98
Toluene	ND	2	μg/Kg	1	10/28/98
Ethylbenzene	ND	1	μg/ Kg	1	10/28/98
m,p-Xylene	ND	2	μg/K g	1	10/28/98
o-Xylene	1.2	1	μg/Kg	1	10/28/98
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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

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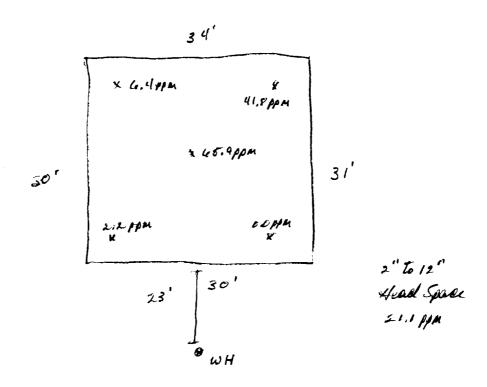
SUBMIT ONE COPY TO NATURAL RESOURCE DEPT AND OIL- GAS ADMINISTRATION

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

ON-SITE SOIL REMEDIATION REPORT

Operator: PNM Gas Services (CONOCO) Telephone: 324-3764					
Address: 603 W. Elm Street Farmin	ngton, NM 87401					
Facility or Well Name: Jicarilla K19 Land Fa	Facility or Well Name: Jicarilla K19 Land Farm					
Location: Unit G Sec 12 Land Type: Jicarilla Apache	T 25 N R 5 W County Rio Arriba					
.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,						
Date Remediation Started: 10/21/98	Date Completed: 12/1/98					
Remediation Method: Landfarmed	Approx. cubic yards142					
Composted	_					
Other						
Depth to Ground Water: (pts.)						
Distance to an Ephemeral Stream: (pts.)						
Distance to Nearest Lake, Playa, or (pts.) Watering Pond:	Sampling Results:					
Wellhead Protection Area: (pts.)	0 Field Headspace (ppm) 21.1					
Distance to Surface Water: (pts.)	0 TPH (ppm) ND Method 8015					
Ranking Score (Total Points):	O					
I HEREBY CERTIFY THAT THE INFORMATION ABOVE I	IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND MY BELIEF					
DATE: 12-5-98 PRINTED NAME Ray Haston						
DATE: 12-5-98 PRINTED NAME Ray Haston SIGNATURE Ray Haston TITLE Environmental Tech. III						
AFTER REVIEW OF THE SOIL REMEDIATION INFORMATION, ON-SITE REMEDIATION IS APPROVED IN ACCORDANCE TO THE JICARILLA APACHE TRIBE PIT CLOSURE ORDINANCE:						
APPROVED: YES X NO_ (REASON): use as Bockfull						
SIGNATURE LEC Man	DATE: 12-15-98					

Jicarilla K19
(G) 12-25N-5W
CONDED
142 yols,





LAB: (505) 325-1556

On Site Technologies, LTD.

CLIENT:

PNM - Public Service Company of NM

Project:

Jicarilla Pit Remediation Landfarms

Lab Order:

9811062

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.



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 03-Dec-98

Client:

PNM - Public Service Company of NM

Work Order:

9811062

Lab ID:

9811062-02A

Matrix: SOIL

Project:

Jicarilla Pit Remediation Landfarms

Client Sample Info: Jicarilla K-19 LF

Client Sample ID: 9811181227; 6pt. Comp.

Collection Date: 11/18/98 12:27:00 PM

COC Record: 7404

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

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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