QV

JICARILLA APACHE TRIBE

ENVIRONMENTAL PROTECTION OFFICE

SUBMIT 1 COPY TO NATURAL RESOURCE DEPT AND OIL GAS ADMINISTRATION



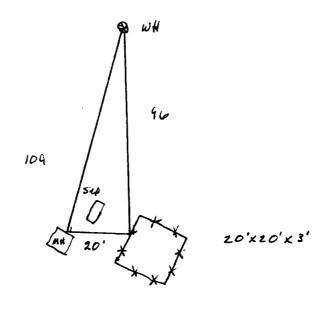
P.O. BOX 507 DULCE, NEW MEXICO 87528

PIT REMEDIATION AND CLOSURE REPORT

Operator: PNM Gas Services (Bur lin	ston) Telephone: 324-3764
Address: 603 W. Elm Street Farmington, NM 8740	1
Facility or Well Name: Jicarilla Jig	
Location: Unit: L Sec. 35	T. ZGN R. 5 W County Rio Arriba
Pit Type: Separator X Dehydrator	Other
Land Type: Jicarilla Apache	_
Pit Location: Pit dimensions: length	20' width 20' depth 3'
(Attach diagram) Reference: wellhead	& other
Footage from reference: 46	1
Direction from reference:	Degrees K 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)
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 perennial 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 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)
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)
R	MANKING SCORE (TOTAL POINTS):

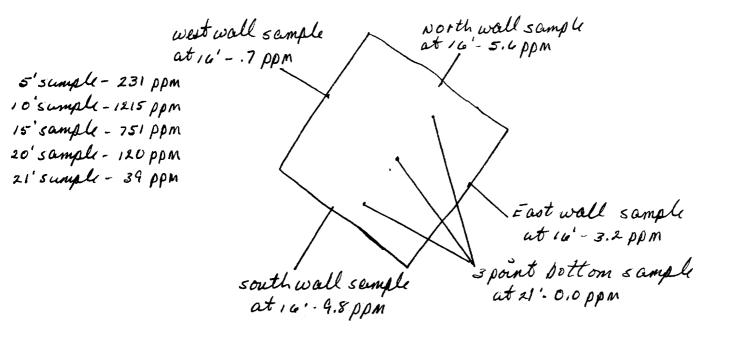
Date Remediation Started	: 10-5-98	Date Completed:	12/15/98				
Remediation Method:	Excavation \propto	Approx. Cubic Yards					
(Check all appropriate	Landfarmed 📈	Amount Landfarmed (c	cubic yds):				
sections)	Other						
Remediation Location: (i.e., landfarmed onsite, name and location of offsite facility)	Onsite <u>K</u>	Offsite					
General Description of R Removal of Contamin 100 pp h head s	ated soil from all four s	uslewalls and bott	tom as to get a below x 210				
Ground Water Encounte	red: No <u>K</u> Ye	s Depth					
Final Pit Closure Sampling:	Sample Location North da three pa	rat buth and West so	slewalls and a				
(if multiple samples, attach sample result and diagram of sample locations and	Sample depth Z	- 000					
depths.)	Sample date 10-5 ample Results	Sample time					
	Benzene (ppm)	Water: Benzene	e (ppb)				
Т	otal BTEX (ppm	 Toluene	e (ppb)				
F	ield headspace (ppm)	1 (COMIT O CONDITION)	nzene (ppb)				
Т	PH N/D ppm Method	8015	neries (ppb)				
Ground Water Sample	: Yes No	(If yes, atta	ch sample results)				
I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND MY BELIEF							
DATE	- 0 0 00	RINTED NAME ROLL	Haston				
SIGNATURE	y Hastm	/	ntal Technician				
AFTER REVIEW OF THE PIT CLOSURE INFORMATION, PIT CLOSURE IS APPROVED IN ACCORDANCE TO JICARILLA APACHE TRIBE PIT CLOSURE ORDINANCE.							
APPROVED: YES	NO (REAS	SON):					
SIGNED:	c mando	ATE: //- 2	-98				

Jicarilla J19 (1) 35-26N-5W Surlington 10-5-47



Excavation Sampling

14'(N+5) X 14'(E+W) X Z 1'(D)



Not to scale



LAB: (505) 325-1556

On Site Technologies, LTD.

CLIENT: PNM - Public Service Company of NM

Project: Jicarilla Pit Remediation

Lab Order: 9810025

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

Date: 19-Oct-98

ANALYTICAL REPORT

Client:

PNM - Public Service Company of NM

Work Order:

9810025

Lab ID:

9810025-03A

Matrix: SOIL

Project:

Jicarilla Pit Remediation

Client Sample Info: Jicarilla J19

Client Sample ID: 9810051145; 3pt. Comp Bottom

Collection Date: 10/5/98 11:45:00 AM

COC Record: 5758

Parameter	Result	PQL Q	ual Units	DF	Date Analyzed
DIESEL RANGE ORGANICS T/R Hydrocarbons: C10-C28	SW8015 ND 25 mg/Kg			1	Analyst: HR 10/13/98

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 1 of 1

P.O. BOX 2606 • FARMINGTON, NM 87499

OFF: (505) 325-5667



LAB: (505) 325-1556

Date: 19-Oct-98

ANALYTICAL REPORT

Client:

PNM - Public Service Company of NM

Work Order:

9810025

9810025-04A

Matrix: SOIL

Lab ID: Project:

Jicarilla Pit Remediation

Client Sample Info: Jicarilla J19

Client Sample ID: 9810051150; 4pt. Comp Walls

Collection Date: 10/5/98 11:50:00 AM

COC Record: 5758

Parameter	Result	PQL	Qual Units	DF	Date Analyzed
DIESEL RANGE ORGANICS	SW8015				Analyst: HR
T/R Hydrocarbons: C10-C28	ND	25	mg/Kg	1	10/13/98

Qualifiers:

PQL - Practical Quantitation Limit

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

ND - Not Detected at Practical Quantitation Limit

The December accepted receivery mine

J - Analyte detected below Practical Quantitation Limit

E - Value above quantitation range

B - Analyte detected in the associated Method Blank

Surr: - Surrogate

1 of 1

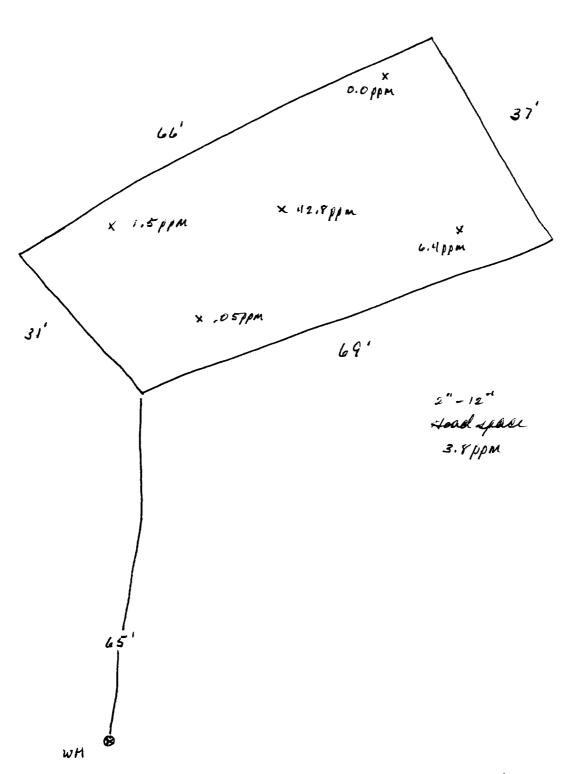
SUBMIT 1 COPY TO NATURAL RESOURCE DEPT AND OIL GAS ADMINISTRATION

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

ON-SITE SOIL REMEDIATION REPORT

Operator: PNM Gas Services (Burlington) Telephone: 324-3764				
Address: 603 W. Elm Street Farmington, NM 87401					
Facility or Well Name: Jicowilla J19					
Location: Unit: 4 Sec. 35 T.	. 26 N R. 5 W County Rio Arriba				
Land Type: Jicarilla Apache	_				
Date Remediation Started: 10-5-9F	Date Completed: //~28 - 49				
Remediation Method: Landfarmed Composted Other	Approx. cubic yards /52				
Depth to Ground Water: (pts.)	Final Closure Sampling:				
Distance to an Ephemeral Stream: (pts.)	- Sampling Date: //-/6-98 Time //59				
Distance to Nearest Lake, Playa, (pts.) or Watering Pond:	Sampling Results:				
Wellhead Protection Area: (pts.)	- , , , , , , , , , , , , , , , , , ,				
Distance to Surface Water: (pts.)	-				
Ranking Score (Total Points):					
I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF					
DATE 12-4-98 PRINTED NAME ROY BUTTON Ray Haston					
SIGNATURE LAWY HASTON AND TITLE Environmental Technician II					
AFTER REVIEW OF THE SOIL REMEDIATION INFORMATION, ON-SITE REMEDIATION APPROVED IN ACCORDANCE TO THE JICARILLA APACHE TRIBE PIT CLOSURE ORDINANCE					
APPROVED: YES NO (REASON) Lise as Bookfull					
SIGNED: Ken Mall	DATE: 12-15-98				

Jiearilla J19 (L) 35-26N-5W Burlington 152 yols.



NOT to scale



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:

9811056

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: 24-Nov-98

Client:

PNM - Public Service Company of NM

Work Order:

9811056

9811056-07A

Matrix: SOIL

Lab ID: Project:

Jicarilla Pit Remediation

Client Sample Info: Jicarilla J-19 LF

Client Sample ID: 9811161159 6pt Composite

Collection Date: 11/16/98 11:59:00 AM

COC Record: 7402

Parameter	Result	PQL	Qual Units	DF	Date Analyzed
DIESEL RANGE ORGANICS	SW8015				Analyst: HR
T/R Hydrocarbons: C10-C28	34	25	mg/Kg	1	11/23/98

Qualifiers:

PQL - Practical Quantitation Limit

ND - Not Detected at Practical Quantitation Limit

J - Analyte detected below Practical Quantitation Limit

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R - RPD outside accepted recovery limits

E - Value above quantitation range

Surr: - Surrogate

1 of 1