

District I
P.O. Box 1980, Hobbs, NM

District II
P.O. Drawer DD, Artesia, NM 88221

District III
1000 Rio Brazos Rd, Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

2040 South Pacheco Street
Santa Fe, New Mexico 87505



PIT REMEDIATION AND CLOSURE REPORT

Operator: PNM Gas Services (Burlington) Telephone: 324-3764

Address: 603 W. Elm Street Farmington, NM 87401

Facility or Well Name: Hare #12

Location: Unit A Sec 10 T 29 N R 10 W County San Juan

Pit Type: Separator ☐ Dehydrator ☐ Other Drip

Land Type: BLM ☒ State ☐ Fee ☐ Other

Pit Location: Pit dimensions: length 20 ' width 20 ' depth 2 '

(Attach diagram) Reference: wellhead ☒ other

Footage from reference: 72 '

Direction from reference: 45 Degrees ☐ East North ☒
of ☒ 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)	<u>0</u>

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)	
Greater than 1,000 feet	(0 points)	<u>0</u>

RANKING SCORE (TOTAL POINTS): 0

Hare #12

Date Remediation Started: 06/10/1999

Date Completed: 06/10/1999

Remediation Method:

Excavation ☒

Approx. Cubic Yard 104

(Check all appropriate sections)

Landfarmed ☒

Amount Landfarmed (cubic yds) 104

Other _____

Remediation Location:

Onsite ☒

Offsite _____

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

Backfill Material Location: _____

General Description of Remedial Action:

Excavated contaminated soil to a pit size of 20' X 20' X 7' and landfarmed soil on location within a bermed area at a depth of 6" to 12". Soil was aerated by disking/plowing until soil met regulatory levels.

Ground Water Encountered:

No ☒Yes ☐

Depth _____

Final Pit Closure Sampling:

Sample Location

5 pt. composite - bottom.

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

Sample depth

7'

Sample date

06/10/1999

Sample time

7:47:00 AM

Sample Results

Benzene (ppm) < 0.025

Total BTEX (ppm) 3.24

Field headspace (ppm) _____

TPH (ppm)

29.00

Method

8015B

Vertical Extent (ft) _____

Risk Analysis form attached Yes ☐No ☒

Ground Water Sample:

Yes ☐No ☒

(If yes, see attached Groundwater Site Summary Report)

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

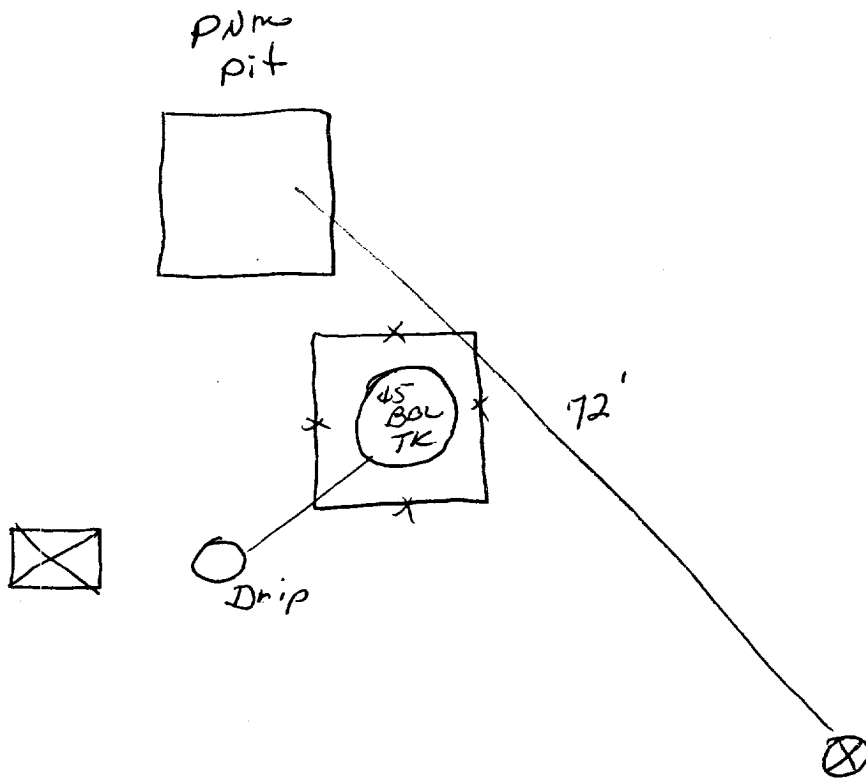
DATE October 28, 1999

SIGNATURE

PRINTED NAME Maureen Gannon
AND TITLE Project Manager

111712
Sec. 10 T29N R10W Unit A
Burlington-

Site Drawing



Sec 10 T29N R10W unit A
Burlington

Excavation Drawing

20'x20'x7'

North Wall
Sample 6'
0.5 ppm

Bottom
Sample 7'
Spt. Composite
986 ppm

West Wall
Sample 6'
6.6 ppm

East Wall
Sample 6'
9.3 ppm

South Wall
Sample 6'
2.0 ppm

Field headspace: 4.8 ppm (walls)

OFF: (505) 325-5667



LAB: (505) 325-1556

On Site Technologies, LTD.

Date: 28-Jun-99

CLIENT: PNM - Public Service Company of NM

Project: PNM Pit Remediation

Lab Order: 9906046

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:** 28-Jun-99

Client:	PNM - Public Service Company of NM	Client Sample Info:	Hare 12
Work Order:	9906046	Client Sample ID:	9906100747; 5pt. Bottom Comp
Lab ID:	9906046-02A	Matrix:	SOIL
Project:	PNM Pit Remediation	Collection Date:	6/10/99 7:47:00 AM
		COC Record:	7029

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015B				Analyst: DC
T/R Hydrocarbons: C10-C28	29	25		mg/Kg	1	6/24/99
AROMATIC VOLATILES BY GC/PID		SW8021B				Analyst: DC
Benzene	ND	25		µg/Kg	25	6/18/99
Toluene	100	50		µg/Kg	25	6/18/99
Ethylbenzene	240	25		µg/Kg	25	6/18/99
m,p-Xylene	2300	50		µg/Kg	25	6/18/99
o-Xylene	600	25		µg/Kg	25	6/18/99

3240
3.240 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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RD

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 28-Jun-99

Client:	PNM - Public Service Company of NM	Client Sample Info:	Hare 12
Work Order:	9906046	Client Sample ID:	9906100745; 4pt. Wall Comp
Lab ID:	9906046-01A	Matrix:	SOIL
Project:	PNM Pit Remediation	Collection Date:	6/10/99 7:45:00 AM
		COC Record:	7029

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015B				Analyst: DC
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	6/21/99

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

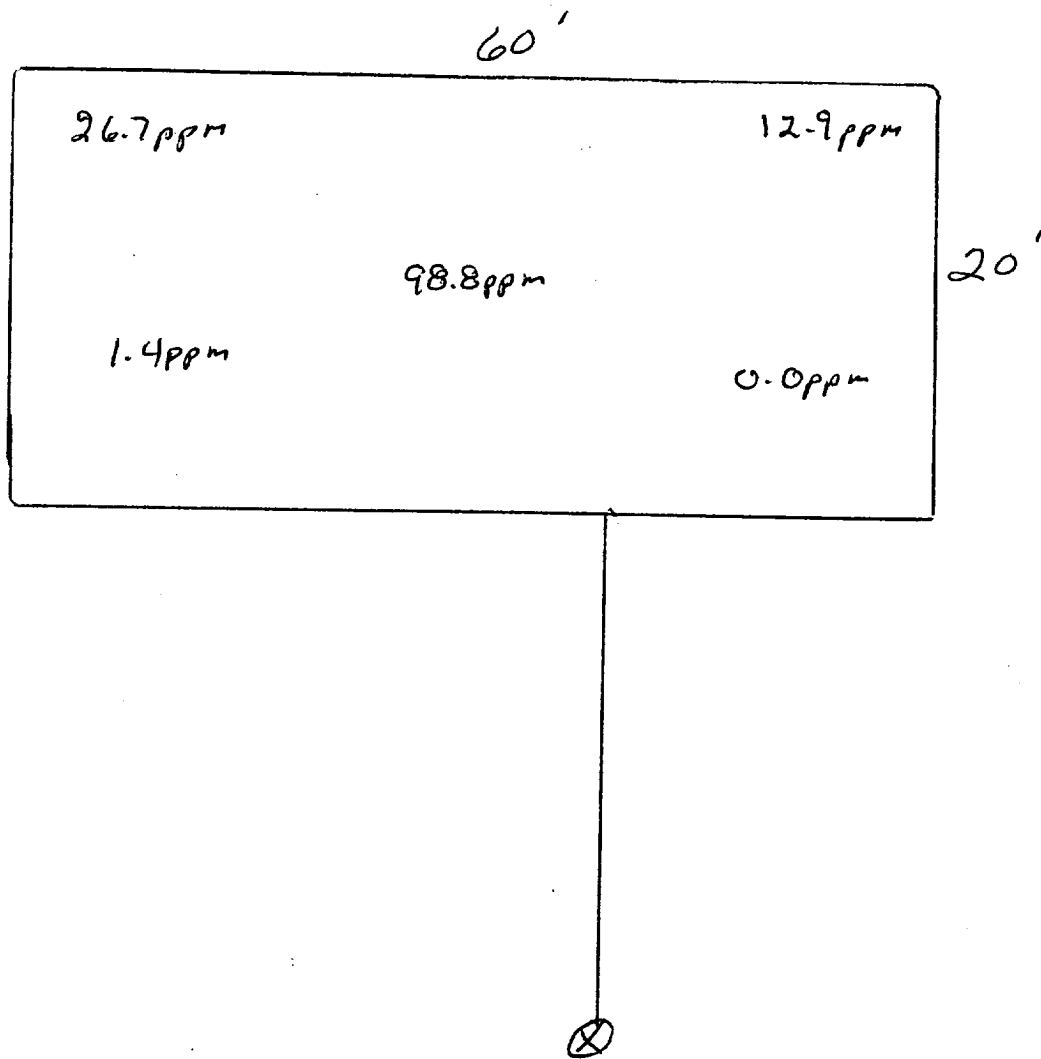
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Sec. 10 T29N R10W Unit A
Burlington

Land farm Drawing

App. 104 cu. yds



2" to 12" Depth
Headspace 29.5 ppm
Sample # 9907191801

OFF: (505) 325-5667



LAB: (505) 325-1556

On Site Technologies, LTD.

Date: 04-Aug-99

CLIENT: PNM - Public Service Company of NM
Project: PNM Pit Remediation Landfarms
Lab Order: 9907047

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-99

Client:	PNM - Public Service Company of NM	Client Sample Info:	Hare 12 LF
Work Order:	9907047	Client Sample ID:	9907191801; 5pt Composite
Lab ID:	9907047-03A	Matrix:	SOIL
Project:	PNM Pit Remediation Landfarms	Collection Date:	7/19/99 6:01:00 PM
		COC Record:	7493

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015B				Analyst: DC
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	7/30/99

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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