

District I
P.O. Box 488, Deming, N.M.
District II
P.O. Drawer DD, Artesia, NM 80221
District III
1000 Rio Brazos Rd, Aztec, NM 87413

State of New Mexico
Energy, Minerals and Natural Resources Department

SUBMIT 1 COPY TO
APPROPRIATE
DISTRICT OFFICE
AND 1 COPY TO
SANTA FE OFFICE

OIL CONSERVATION DIVISION

2040 South Pacheco Street
Santa Fe, New Mexico 87505

04
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OIL CON. DIV.
DIST. 2

PIT REMEDIATION AND CLOSURE REPORT

Operator: PNM Gas Services (Williams) **Telephone:** 324-3764

Address: 603 W. Elm Street Farmington, NM 87401

Facility or Well Name: Ripley #2 Drip

Location: Unit H Sec 26 T 32 N R 13 W County San Juan

Pit Type: Separator ☐ Dehydrator ☐ Other Drip blowdown

Land Type: BLM ☐ State ☐ Fee ☒ Other

Pit Location: Pit dimensions: length 18 ' width 18 ' depth 3 '

(Attach diagram) Reference: wellhead ☐ other Drip blowdown riser

Footage from reference: 8 '

Direction from reference: 45 Degrees ☐ East ☒ West of North ☒ 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

Ripley #2 Drip

Date Remediation Started: 04/12/1999

Date Completed: 04/12/1999

Remediation Method:

Excavation ☒

Approx. Cubic Yard 125

(Check all appropriate sections)

Landfarmed ☒

Amount Landfarmed (cubic yds) 125

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 17' X 18' X 11' and landfarmed soil onsite within a bermed area at 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

11'

Sample date

04/12/1999

Sample time

1:20:00 PM

Sample Results

Benzene (ppm) < 0.002

Total BTEX (ppm) 0.341

Field headspace (ppm)

TPH (ppm)

< 25.00

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 July 27, 1999

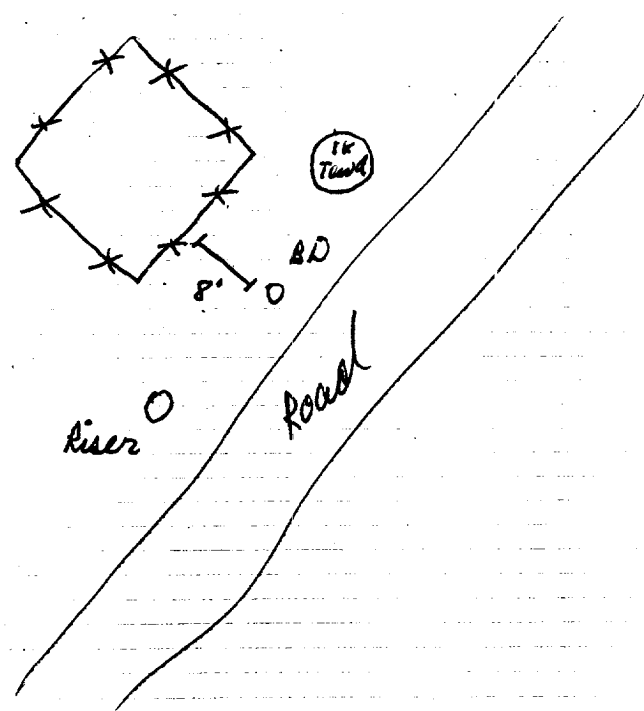
SIGNATURE

Maureen Gannon

PRINTED NAME Maureen Gannon
AND TITLE Project Manager

N

Ripley #2 Drip
Williams
(H)-26-32N-13W



Excavation Sampling

17'(N+S) x 18'(E+W) x 11'(D)

PID readings
5' - 1880 ppm
10' - 1620 ppm
11' - 1130 ppm

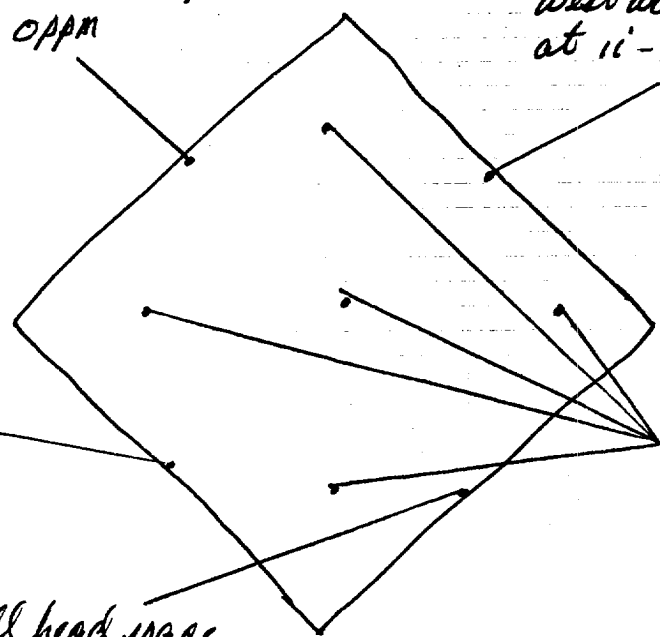
North wall head space
at 11' - 0 ppm

West wall head space
at 11' - 0 ppm

West wall head space
at 11' - 0 ppm

South wall head space
at 11' - 0 ppm

5 point bottom head space
at 11' - 2165 ppm



note to coal

OFF: (505) 325-5667



LAB: (505) 325-1556

On Site Technologies, LTD.

Date: 22-Apr-99

CLIENT: PNM - Public Service Company of NM
Project: PNM Pit Remediation
Lab Order: 9904008

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:** 22-Apr-99

Client:	PNM - Public Service Company of NM	Client Sample Info:	Ripley #2 Drip
Work Order:	9904008	Client Sample ID:	9904121320; 5pt. Bottom Corap.
Lab ID:	9904008-03A	Matrix:	SOIL
Project:	PNM Pit Remediation	Collection Date:	4/12/99 1:20:00 PM
		COC Record:	5786

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015				Analyst: HR
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	4/19/99
AROMATIC VOLATILES BY GC/PID		SW8021B				Analyst: HR
Benzene	ND	2		µg/Kg	2	4/15/99
Toluene	14	4		µg/Kg	2	4/15/99
Ethylbenzene	12	2		µg/Kg	2	4/15/99
m,p-Xylene	230	4		µg/Kg	2	4/15/99
o-Xylene	85	2		µg/Kg	2	4/15/99

341
341 ppm

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

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OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 23-Apr-99

Client:	PNM - Public Service Company of NM	Client Sample Info:	Ripley #2 Drip
Work Order:	9904008	Client Sample ID:	9904121325; 4 Wall Comp.
Lab ID:	9904008-04A	Matrix:	SOIL
Project:	PNM Pit Remediation	Collection Date:	4/12/99 1:25:00 PM
		COC Record:	5786

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015				Analyst: DC
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	4/13/99

Qualifiers:

PQL - Practical Quantitation Limit
ND - Not Detected at Practical Quantitation Limit
J - Analyte detected below Practical Quantitation Limit
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Surr: - Surrogate

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Kipley #2 DRIP
Sec-26 T-32N R-13W UL-H
WFS

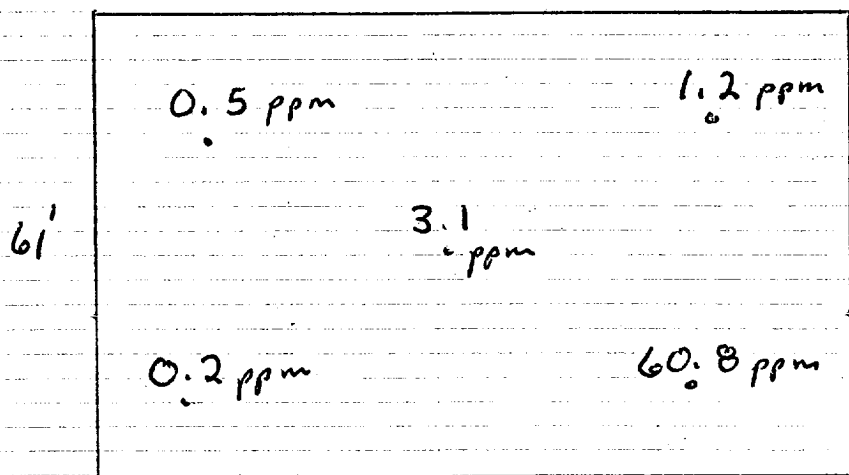
LAND FARM DRAWING

ON Ripley #2 LOCATION
Sec-26 T-32N R-13W

40

App 124 cu. yds.

76'



12' ⊕ Ripley #2 well head

Headspace Reading 93.7 ppm

Sample # 990511116

Not to Scale

OFF: (505) 325-5667



LAB: (505) 325-1556

On Site Technologies, LTD.

Date: 18-May-99

CLIENT: PNM - Public Service Company of NM

Project: PNM Pit Remediation - Landfarms

Lab Order: 9905046

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.

Roy

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 18-May-99

Client:	PNM - Public Service Company of NM	Client Sample Info:	Ripley #2 Drip Landfarm
Work Order:	9905046	Client Sample ID:	9905111116; 5pt. Composite
Lab ID:	9905046-02A	Matrix:	SOIL
Project:	PNM Pit Remediation - Landfarms	Collection Date:	5/11/99 11:16:00 AM
		COC Record:	7615

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015B				Analyst: DC
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	5/17/99

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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