

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

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

PIT REMEDIATION AND CLOSURE REPORT

04  
NOV - 1 1991  
OIL CONSERVATION DIVISION  
SANTA FE OFFICE

Operator: PNM Gas Services ( Cross Timbers ) Telephone: 324-3764

Address: 603 W. Elm Street Farmington, NM 87401

Facility or Well Name: EH Pipken #5

Location: Unit B Sec 36 T 28 N R 11 W County San Juan

Pit Type: Separator ☒ Dehydrator ☐ Other ☐

Land Type: BLM ☒ State ☐ Fee ☐ Other ☐

Pit Location: Pit dimensions: length 20 ' width 20 ' depth 3 '

(Attach diagram) Reference: wellhead ☒ other ☐

Footage from reference: 163'

Direction from reference: 80 Degrees ☐ East North ☒  
of ☒ West South ☐

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

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

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

RANKING SCORE (TOTAL POINTS): 20

EH Pipken #5

Date Remediation Started: 04/28/1998 Date Completed: 05/04/1998

Remediation Method: Excavation X Approx. Cubic Yard 123

(Check all appropriate sections) Landfarmed X Amount Landfarmed (cubic yds) 123

Other \_\_\_\_\_

Remediation Location: Onsite X 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 14' X 14' X 17' and landfarmed soil onsite 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 Bottom of excavation.

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

Sample depth 17'

Sample date 04/28/1998 Sample time 3:00:00 PM

**Sample Results**

Benzene (ppm) 0.0025

Total BTEX (ppm) 0.0244

Field headspace (ppm) \_\_\_\_\_

TPH (ppm) 60.00 Method 8015A

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 Maureen Gannon

PRINTED NAME **Maureen Gannon**  
AND TITLE **Project Manager**

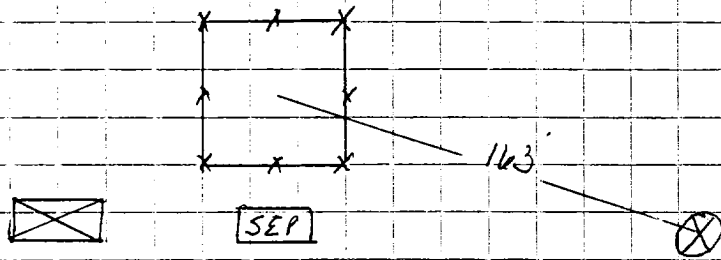
R.H. Pipken # 5

4/28/98

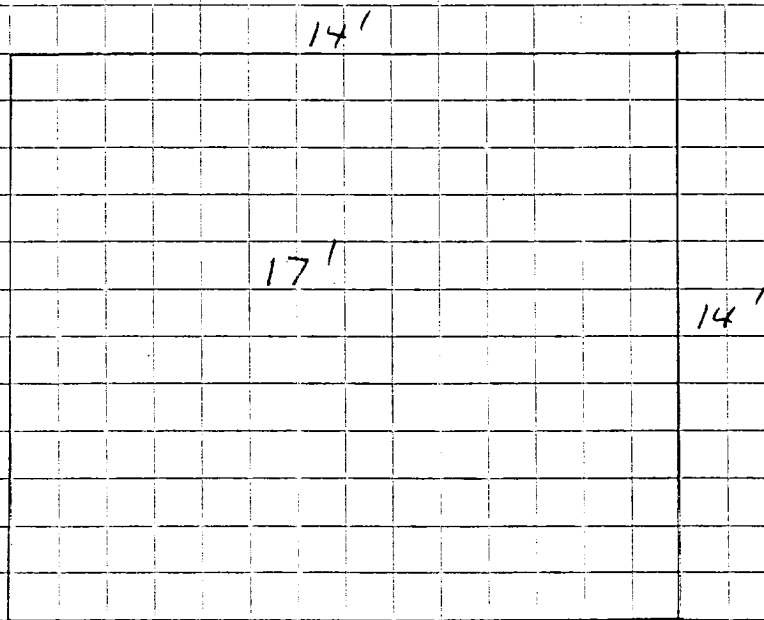
Cross Timbers

Sec. 36, 28N, 11W, B

start of excavation:



End of excavation:



walls & bottom all clean

OFF: (505) 325-5667



LAB: (505) 325-1556

**On Site Technologies, LTD.**

**Date:** 06-May-98

---

**CLIENT:** PNM - Public Service Company of NM  
**Project:** E.H. Pipkin #5  
**Lab Order:** 9804044

---

**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: 06-May-98

<b>Client:</b>	PNM - Public Service Company of NM	<b>Client Sample Info:</b>	E.H. Pipkin #5
<b>Work Order:</b>	9804044	<b>Client Sample ID:</b>	9804281500; Bottom @ 17ft.
<b>Lab ID:</b>	9804044-01A	<b>Matrix:</b>	SOIL
<b>Project:</b>	E.H. Pipkin #5	<b>Collection Date:</b>	4/28/98 3:00:00 PM
		<b>COC Record:</b>	7119

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
<b>DIESEL RANGE ORGANICS</b>		<b>SW8015</b>				Analyst: DC
T/R Hydrocarbons: C10-C28	60	25		mg/Kg	1	4/30/98
<b>BTEX</b>		<b>SW8020A</b>				Analyst: DC
Benzene	2.5	2		µg/Kg	2	5/3/98
Toluene	12	4		µg/Kg	2	5/3/98
Ethylbenzene	ND	2		µg/Kg	2	5/3/98
m,p-Xylene	7.8	4		µg/Kg	2	5/3/98
o-Xylene	2.1	2		µg/Kg	2	5/3/98

24.4  
0.0244 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

P.O. BOX 2606 • FARMINGTON, NM 87499

OFF: (505) 325-5667



LAB: (505) 325-1556

## ANALYTICAL REPORT

Date: 06-May-98

**Client:** PNM - Public Service Company of NM  
**Work Order:** 9804044  
**Lab ID:** 9804044-02A     **Matrix:** SOIL  
**Project:** E.H. Pipkin #5

**Client Sample Info:** E.H. Pipkin #5  
**Client Sample ID:** 9804281515; Walls @ 14ft.  
**Collection Date:** 4/28/98 3:15:00 PM  
**COC Record:** 7119

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
<b>DIESEL RANGE ORGANICS</b>		<b>SW8015</b>				Analyst: DC
T/R Hydrocarbons: C10-C28	58	25		mg/Kg	1	4/30/98
<b>BTEX</b>		<b>SW8020A</b>				Analyst: DC
Benzene	ND	2		µg/Kg	2	5/3/98
Toluene	ND	4		µg/Kg	2	5/3/98
Ethylbenzene	ND	2		µg/Kg	2	5/3/98
m,p-Xylene	ND	4		µg/Kg	2	5/3/98
o-Xylene	ND	2		µg/Kg	2	5/3/98

**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

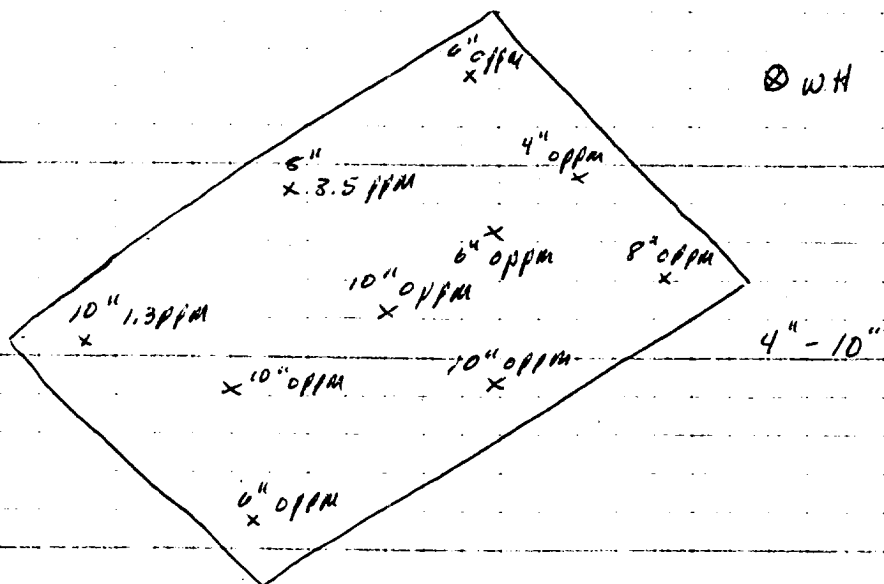
1 of 1

P.O. BOX 2606 • FARMINGTON, NM 87499

- Technology Building Industry with the Environment -

E.H. Pinkerton #5  
NW/4 NE/4  
(B) 3628N-11W  
San Juan  
Cross Timbers  
Lab Sample #  
Field head space

9805210900  
8.3 ppm



9/7/99

9909071318

All zero's

7 pt comp.

head space = 0 ppm

# ON SITE

OFF: (505) 325-5667

LAB: (505) 325-1556

TECHNOLOGIES, LTD.

**On Site Technologies, LTD.**

**Date:** 15-Sep-99

---

**CLIENT:** PNM - Public Service Company of NM

**Project:** PNM Pit Remediation Landfarms

**Lab Order:** 9909016

---

## 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: 15-Sep-99

**Client:** PNM - Public Service Company of NM  
**Work Order:** 9909016  
**Lab ID:** 9909016-02A     **Matrix:** SOIL  
**Project:** PNM Pit Remediation Landfarms

**Client Sample Info:** E.H. Pipken #5 **LF**  
**Client Sample ID:** 9909071318; 4pt. Composite  
**Collection Date:** 09/07/1999 1:18:00 PM  
**COC Record:** 7754

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
<b>DIESEL RANGE ORGANICS</b>		<b>SW8015B</b>				Analyst: <b>DM</b>
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	09/10/1999

**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

TECHNOLOGIES BLINDING INDUSTRY WITH THE ENVIRONMENT -