

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

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

**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: Taliaferro #7

Location: Unit L Sec 29 T 31 N R 12 W County San Juan

Pit Type: Separator ☐ Dehydrator ☒ Other                     

Land Type: BLM ☐ State ☐ Fee ☒ Other                     

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

(Attach diagram) Reference: wellhead ☒ other                     

Footage from reference: 95 '                     

Direction from reference: 20 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) 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) 0

**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) 10

**RANKING SCORE (TOTAL POINTS):** 10

Taliaferro #7

Date Remediation Started: 06/02/1999

Date Completed: 06/02/1999

## Remediation Method:

Excavation ☒

Approx. Cubic Yard 387

(Check all appropriate sections)

Landfarmed ☒

Amount Landfarmed (cubic yds) 387

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 18' X 29' X 20' 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

5 pt. composite - bottom.

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

Sample depth

20'

Sample date

06/02/1999

Sample time

3:40:00 PM

## Sample Results

Benzene (ppm) &lt; 0.1

Total BTEX (ppm) 26.3

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

TPH (ppm)

320.00

Method

8015B

Vertical Extent (ft) \_\_\_\_\_

Risk Analysis form attached Yes

No



## Ground Water Sample:

Yes



No

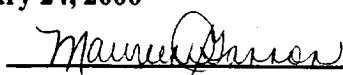


(If yes, see attached Groundwater Site Summary Report)

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

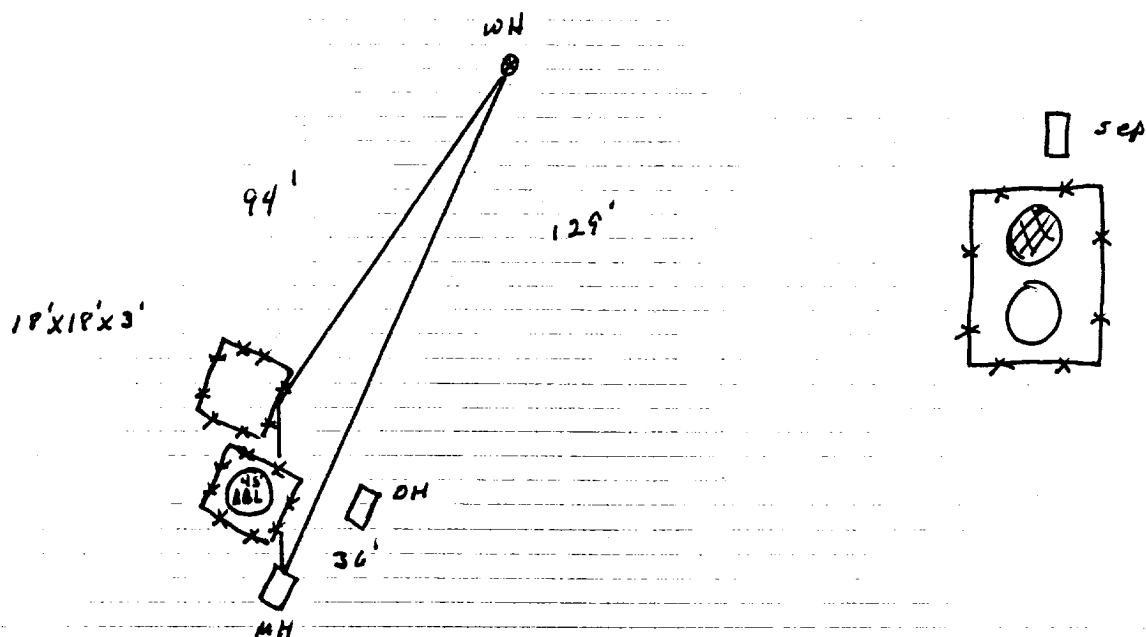
DATE January 24, 2000

SIGNATURE

PRINTED NAME Maureen Gannon  
AND TITLE Project Manager

Taliaferro #7  
 (L) 29-31N-12W  
 Burlington  
 6-2-99 @ 1326

N



Excavation Sampling

18'(N+S) x 29'(E+W) x 20'(D)

PID Readings

- 5' - 1100 ppm
- 10' - 1001 ppm
- 15' - 1490 ppm
- 20' - 1213 ppm

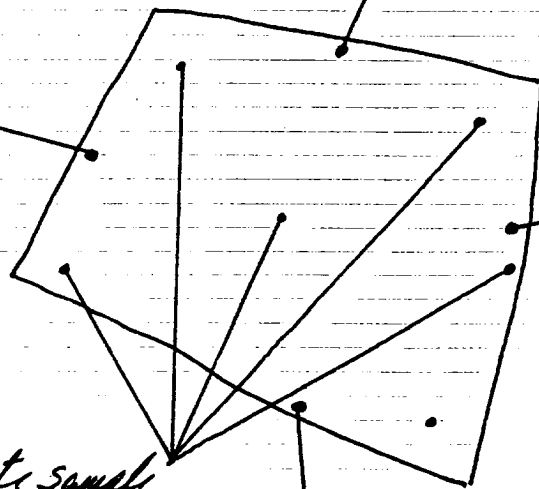
north wall sample  
at 18' - 0 ppm

west wall sample  
at 18' - 0 ppm

East wall sample  
at 18' - 30 ppm

5 point bottom Composite sample  
at 20' - 774 ppm

south wall sample  
at 18' - 0 ppm



OFF: (505) 325-5667



LAB: (505) 325-1556

**On Site Technologies, LTD.**

**Date:** 17-Jun-99

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**CLIENT:** PNM - Public Service Company of NM  
**Project:** PNM Pit Remediation  
**Lab Order:** 9906011

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**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



RH

LAB: (505) 325-1556

## ANALYTICAL REPORT

Date: 17-Jun-99

|                    |                                    |                            |                              |
|--------------------|------------------------------------|----------------------------|------------------------------|
| <b>Client:</b>     | PNM - Public Service Company of NM | <b>Client Sample Info:</b> | Taliaferro #7                |
| <b>Work Order:</b> | 9906011                            | <b>Client Sample ID:</b>   | 9906021540; 5pt. Bottom Comp |
| <b>Lab ID:</b>     | 9906011-05A                        | <b>Matrix:</b>             | SOIL                         |
| <b>Project:</b>    | PNM Pit Remediation                | <b>Collection Date:</b>    | 6/2/99 3:40:00 PM            |
|                    |                                    | <b>COC Record:</b>         | 7632                         |

| Parameter                           | Result | PQL            | Qual | Units | DF  | Date Analyzed |
|-------------------------------------|--------|----------------|------|-------|-----|---------------|
| <b>DIESEL RANGE ORGANICS</b>        |        | <b>SW8015B</b> |      |       |     | Analyst: DC   |
| T/R Hydrocarbons: C10-C28           | 320    | 25             |      | mg/Kg | 1   | 6/14/99       |
| <b>AROMATIC VOLATILES BY GC/PID</b> |        | <b>SW8021B</b> |      |       |     | Analyst: DC   |
| Benzene                             | ND     | 100            |      | µg/Kg | 100 | 6/9/99        |
| Toluene                             | 2900   | 200            |      | µg/Kg | 100 | 6/9/99        |
| Ethylbenzene                        | 1600   | 100            |      | µg/Kg | 100 | 6/9/99        |
| m,p-Xylene                          | 18000  | 200            |      | µg/Kg | 100 | 6/9/99        |
| o-Xylene                            | 3800   | 100            |      | µg/Kg | 100 | 6/9/99        |

26300  
26.3 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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TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT

OFF: (505) 325-5667



LAB: (505) 325-1556

## ANALYTICAL REPORT

Date: 17-Jun-99

|                    |                                    |                            |                            |
|--------------------|------------------------------------|----------------------------|----------------------------|
| <b>Client:</b>     | PNM - Public Service Company of NM | <b>Client Sample Info:</b> | Taliaferro #7              |
| <b>Work Order:</b> | 9906011                            | <b>Client Sample ID:</b>   | 9906021545; 4pt. Wall Comp |
| <b>Lab ID:</b>     | 9906011-06A                        | <b>Matrix:</b>             | SOIL                       |
| <b>Project:</b>    | PNM Pit Remediation                | <b>Collection Date:</b>    | 6/2/99 3:45:00 PM          |
|                    |                                    | <b>COC Record:</b>         | 7632                       |

| Parameter                    | Result | PQL            | Qual | Units | DF | Date Analyzed |
|------------------------------|--------|----------------|------|-------|----|---------------|
| <b>DIESEL RANGE ORGANICS</b> |        | <b>SW8015B</b> |      |       |    | Analyst: DC   |
| T/R Hydrocarbons: C10-C28    | ND     | 25             |      | mg/Kg | 1  | 6/9/99        |

**Qualifiers:**

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J - Analyte detected below Practical Quantitation Limit

E - Value above quantitation range

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1 of 1

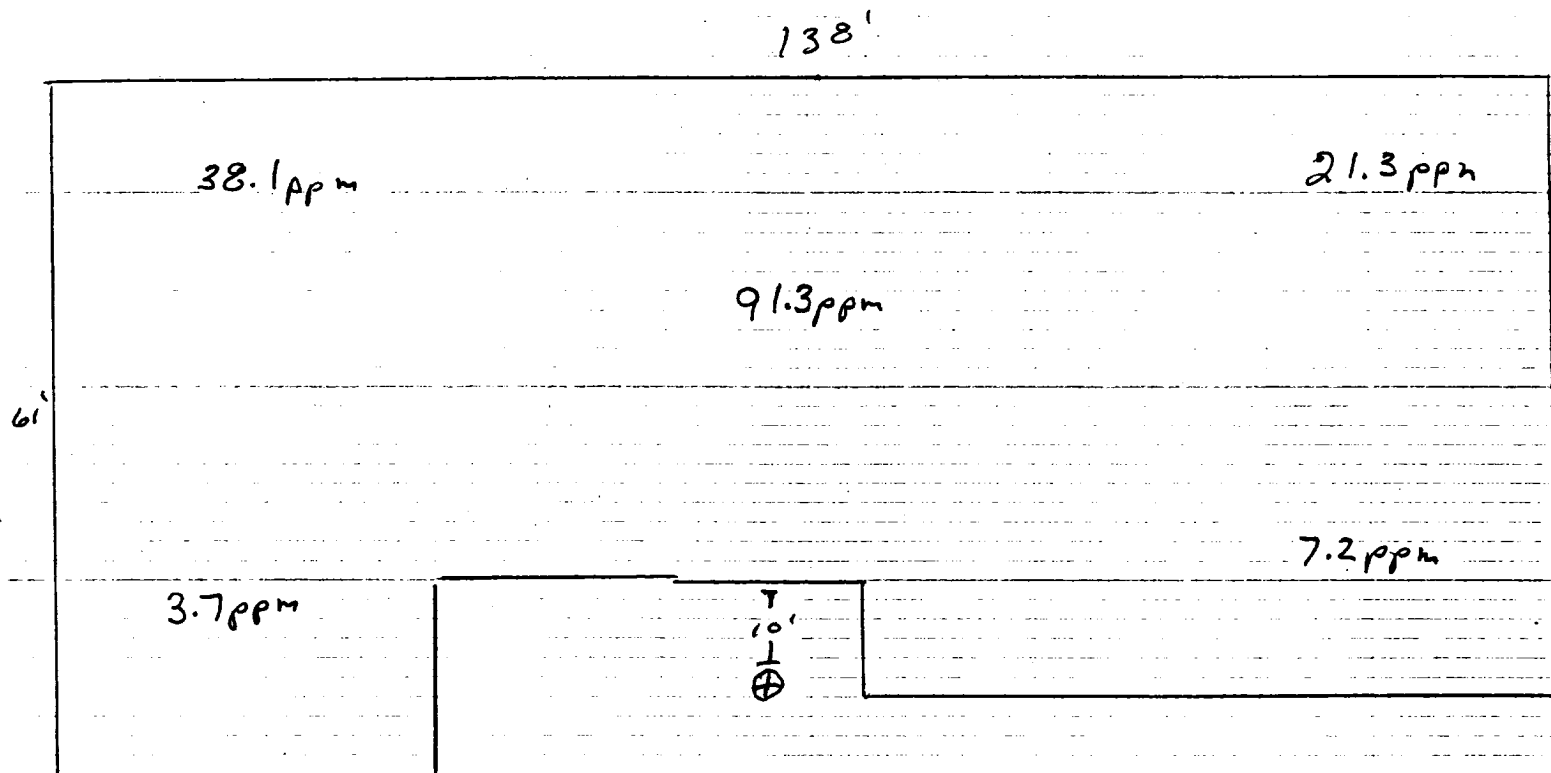
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TECHNOLOGY REMEDIATION SYSTEMS, INC.

Taliaferro #7  
Sec-29 T-31N R-12W  
Burlington

# Landfarm Drawing

App 386.66 cu. yds



2" to 12" Depth

Headspace 39.2 ppm

Sample # 9907140901

Not to Scale

OFF: (505) 325-5667



LAB: (505) 325-1556

**On Site Technologies, LTD.**

**Date:** 30-Jul-99

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**CLIENT:** PNM - Public Service Company of NM  
**Project:** Talaferro 3, 4 & 7 and Grenier 19 LF  
**Lab Order:** 9907037

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**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: 30-Jul-99

|                    |                                       |                            |                                            |
|--------------------|---------------------------------------|----------------------------|--------------------------------------------|
| <b>Client:</b>     | PNM - Public Service Company of NM    | <b>Client Sample Info:</b> | Taliaferro #7 LF                           |
| <b>Work Order:</b> | 9907037                               | <b>Client Sample ID:</b>   | 9907140901; 5pt Comp                       |
| <b>Lab ID:</b>     | 9907037-02A                           | <b>Matrix:</b>             | SOIL                                       |
| <b>Project:</b>    | Taliaferro 3, 4 & 7 and Grenier 19 LF |                            | <b>Collection Date:</b> 7/14/99 9:01:00 AM |
|                    |                                       | <b>COC Record:</b>         | 7737                                       |

| Parameter                    | Result | PQL            | Qual | Units | DF | Date Analyzed |
|------------------------------|--------|----------------|------|-------|----|---------------|
| <b>DIESEL RANGE ORGANICS</b> |        | <b>SW8015B</b> |      |       |    | Analyst: DC   |
| T/R Hydrocarbons: C10-C28    | ND     | 25             |      | mg/Kg | 1  | 7/29/99       |

**Qualifiers:**

- PQL - Practical Quantitation Limit
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