

Date Remediation Started: 4/21/98 Date Completed: 4/22/98

Remediation Method: Excavation X Approx. Cubic Yard 215
(Check all appropriate sections) Landfarmed X Amount Landfarmed (cubic yds) 215
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 29' X 25' X 8' and landfarmed soil onsite within a bermed area at a depth of 6" to 12". Soil was aerated by 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 8'Sample date 4/20/98 Sample time 1:30:00 PM

Sample Results

Benzene (ppm) < 0.2500Total BTEX (ppm) 8.8500

Field headspace (ppm) _____

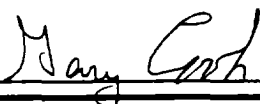
TPH (ppm) 52.00 Method 8015Vertical Extent (ft) _____ Risk Analysis form attached Yes _____ No ☒

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, 1998

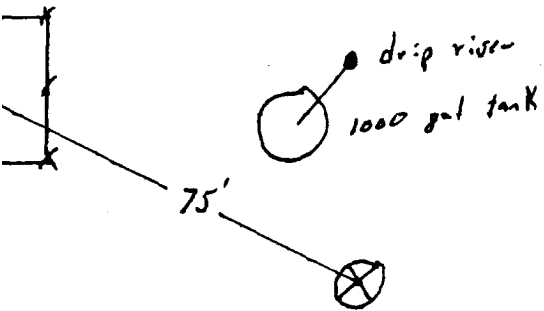
SIGNATURE

PRINTED NAME Gary CookAND TITLE Environmental Technician III

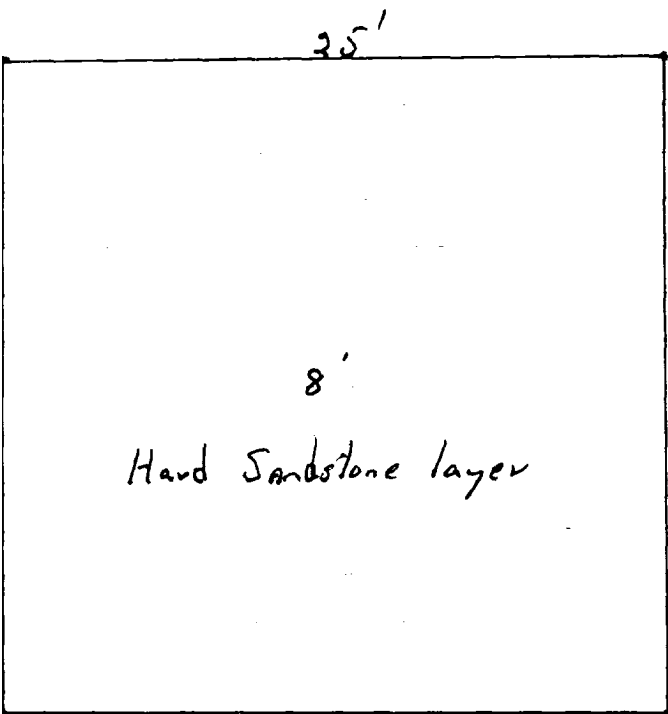
4-21-98

on
W, N

Location:



Location:





OFF: (505) 325-5667

LAB: (505) 325-1556

On Site Technologies, LTD.

Date: 29-Apr-98

CLIENT: PNM - Public Service Company of NM
Project: Witt #1 (Dugan)
Lab Order: 9804031

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: 29-Apr-98

| | | | |
|--------------------|------------------------------------|----------------------------|--------------------|
| Client: | PNM - Public Service Company of NM | Client Sample Info: | Witt #1 (Dugan) |
| Work Order: | 9804031 | Client Sample ID: | 9804211330; Bottom |
| Lab ID: | 9804031-01A | Matrix: | SOIL |
| Project: | Witt #1 (Dugan) | Collection Date: | 4/20/98 1:30:00 PM |
| | | COC Record: | 7114 |

| Parameter | Result | PQL | Qual | Units | DF | Date Analyzed |
|------------------------------|--------|----------------|------|-------|-----|---------------|
| DIESEL RANGE ORGANICS | | | | | | |
| | | SW8015 | | | | Analyst: HR |
| T/R Hydrocarbons: C10-C28 | 52 | 25 | | mg/Kg | 1 | 4/27/98 |
| BTEX | | | | | | |
| | | SW8020A | | | | Analyst: DC |
| Benzene | ND | 250 | | µg/Kg | 250 | 4/24/98 |
| Toluene | 910 | 500 | | µg/Kg | 250 | 4/24/98 |
| Ethylbenzene | 1300 | 250 | | µg/Kg | 250 | 4/24/98 |
| m,p-Xylene | 6100 | 500 | | µg/Kg | 250 | 4/24/98 |
| o-Xylene | 540 | 250 | | µg/Kg | 250 | 4/24/98 |
| Surr: Fluorobenzene | 99.1 | 70-130 | | %REC | 250 | 4/24/98 |
| Surr: 1,4-Difluorobenzene | 98.8 | 70-130 | | %REC | 250 | 4/24/98 |
| Surr: 4-Bromochlorobenzene | 99.2 | 70-130 | | %REC | 250 | 4/24/98 |

8850
8.850 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 |

1 of 1

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- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 29-Apr-98

Client: PNM - Public Service Company of NM**Client Sample Info:** Witt #1 (Dugan)**Work Order:** 9804031**Client Sample ID:** 9804211335; Walls**Lab ID:** 9804031-02A **Matrix:** SOIL**Collection Date:** 4/21/98 1:35:00 PM**Project:** Witt #1 (Dugan)**COC Record:** 7114

| Parameter | Result | PQL | Qual | Units | DF | Date Analyzed |
|------------------------------|--------|----------------|------|-------|----|---------------|
| DIESEL RANGE ORGANICS | | | | | | |
| | | SW8015 | | | | Analyst: HR |
| T/R Hydrocarbons: C10-C28 | ND | 25 | | mg/Kg | 1 | 4/27/98 |
| BTEX | | | | | | |
| | | SW8020A | | | | Analyst: DC |
| Benzene | ND | 1 | | µg/Kg | 1 | 4/24/98 |
| Toluene | ND | 2 | | µg/Kg | 1 | 4/24/98 |
| Ethylbenzene | ND | 1 | | µg/Kg | 1 | 4/24/98 |
| m,p-Xylene | 2.1 | 2 | | µg/Kg | 1 | 4/24/98 |
| o-Xylene | 1.2 | 1 | | µg/Kg | 1 | 4/24/98 |
| Surr: Fluorobenzene | 105.7 | 70-130 | | %REC | 1 | 4/24/98 |
| Surr: 1,4-Difluorobenzene | 106.2 | 70-130 | | %REC | 1 | 4/24/98 |
| Surr: 4-Bromochlorobenzene | 111.2 | 70-130 | | %REC | 1 | 4/24/98 |

33
0.0033 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

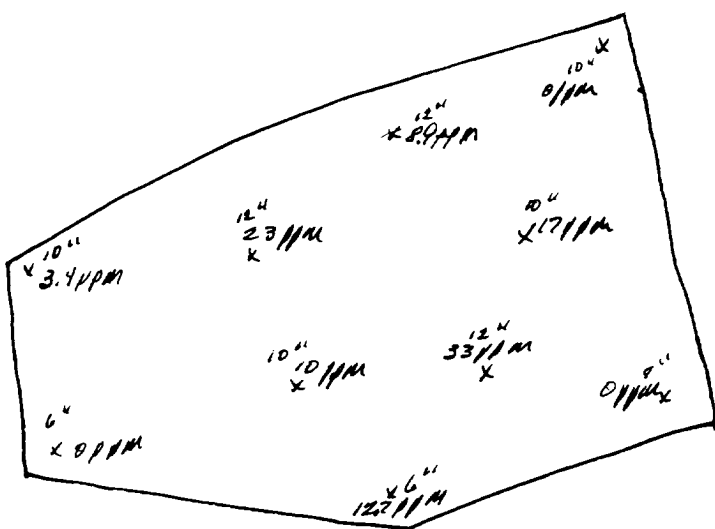
Surr: - Surrogate

1 of 1

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- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -

Witt #1
(N) 33-290-11W
Dugan
San Juan County
Lab Sample # 9806040950
Field head space: 15 ppm



6" - 12"

⊗ WH

OFF: (505) 325-5667

ON SITE

LAB: (505) 325-1556

TECHNOLOGIES, LTD.

On Site Technologies, LTD.

Date: 08-Jun-98

CLIENT: PNM - Public Service Company of NM

Project: Landfarm Composites

Lab Order: 9806013

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

ON SITE

TECHNOLOGIES, LTD.

LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 08-Jun-98

Client: PNM - Public Service Company of NM

Client Sample Info: Dugan Witt #1

Work Order: 9806013

Client Sample ID: 9806040950; Landfarm

Lab ID: 9806013-05A Matrix: SOIL

Collection Date: 6/4/98 9:50:00 AM

Project: Landfarm Composites

COC Record: 5224

| Parameter | Result | PQL | Qual | Units | DF | Date Analyzed |
|------------------------------|--------|---------------|------|-------|----|---------------|
| DIESEL RANGE ORGANICS | | SW8015 | | | | Analyst: HR |
| T/R Hydrocarbons: C10-C28 | ND | 25 | | mg/Kg | 1 | 6/5/98 |

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

1 of 1

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