

Denny E. Frost
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

DEPUTY OIL & GAS INSPECTOR

SEP 03 1999

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

2040 South Pacheco Street
Santa Fe, New Mexico 87505

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OIL CON. DIV.
DIST. 3

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: Decker #1A

Location: Unit P Sec 14 T 32 N R 12 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: 90 ' _____

Direction from reference: 50 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) 0

RANKING SCORE (TOTAL POINTS): 0

Decker #1A

Date Remediation Started: 04/21/1999 Date Completed: 04/21/1999

Remediation Method: Excavation X Approx. Cubic Yard 333

(Check all appropriate sections) Landfarmed X Amount Landfarmed (cubic yds) 253

Other 80 cu yds overburden

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 25' X 18' 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

Sample Location 5 pt. composite - bottom.

Sample depth 20'

Sample date 04/21/1999 Sample time 1:30:00 PM

Sample Results

Benzene (ppm) 0.100

Total BTEX (ppm) 6.741

Field headspace (ppm) _____

TPH (ppm) < 25.00 Method 8015B

Risk Analysis form attached Yes ☐ No ☒

Yes ☐ No ☒ (If yes, see attached Groundwater Site Summary Report)

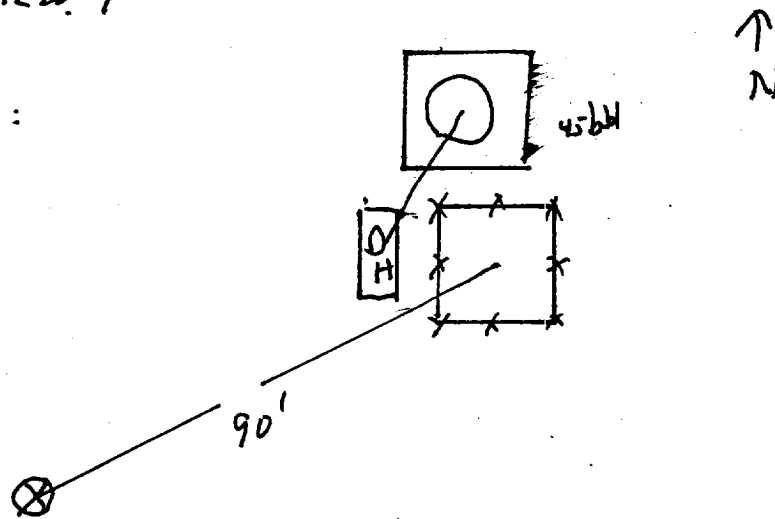
PRINTED NAME **Maureen Gannon**
AND TITLE **Project Manager**

Decker H/A
Burlington
Sec. 14, 32N, 12W. P

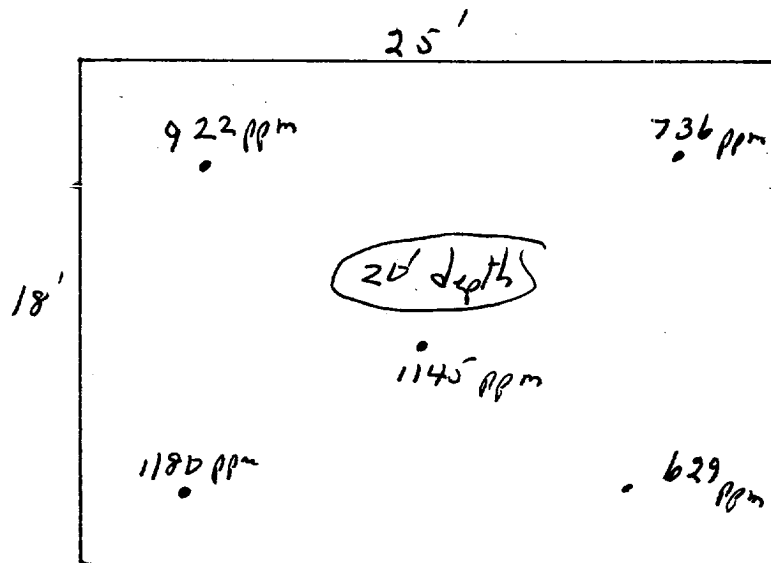


4/21/99

Site diagram:



End of excavation:



not to scale

OFF: (505) 325-5667



LAB: (505) 325-1556

On Site Technologies, LTD.

Date: 29-Apr-99

CLIENT: PNM - Public Service Company of NM
Project: Decker #1A
Lab Order: 9904046

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-99

Client:	PNM - Public Service Company of NM	Client Sample Info:	Decker #1A
Work Order:	9904046	Client Sample ID:	9904211330; Bottom @ 20ft.
Lab ID:	9904046-01A	Matrix:	SOIL
Project:	Decker #1A	Collection Date:	4/21/99 1:30:00 PM
		COC Record:	7573

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015B				Analyst: DC
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	4/28/99
AROMATIC VOLATILES BY GC/PID		SW8021B				Analyst: HR
Benzene	100	50		µg/Kg	50	4/22/99
Toluene	190	100		µg/Kg	50	4/22/99
Ethylbenzene	570	50		µg/Kg	50	4/22/99
m,p-Xylene	5800	100		µg/Kg	50	4/22/99
o-Xylene	81	50		µg/Kg	50	4/22/99

6741
6.741 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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OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 29-Apr-99

Client: PNM - Public Service Company of NM
Work Order: 9904046
Lab ID: 9904046-02A **Matrix:** SOIL
Project: Decker #1A

Client Sample Info: Decker #1A
Client Sample ID: 9904211335; Walls @ 15ft.
Collection Date: 4/21/99 1:35:00 PM
COC Record: 7573

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015B				Analyst: DC
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	4/27/99

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

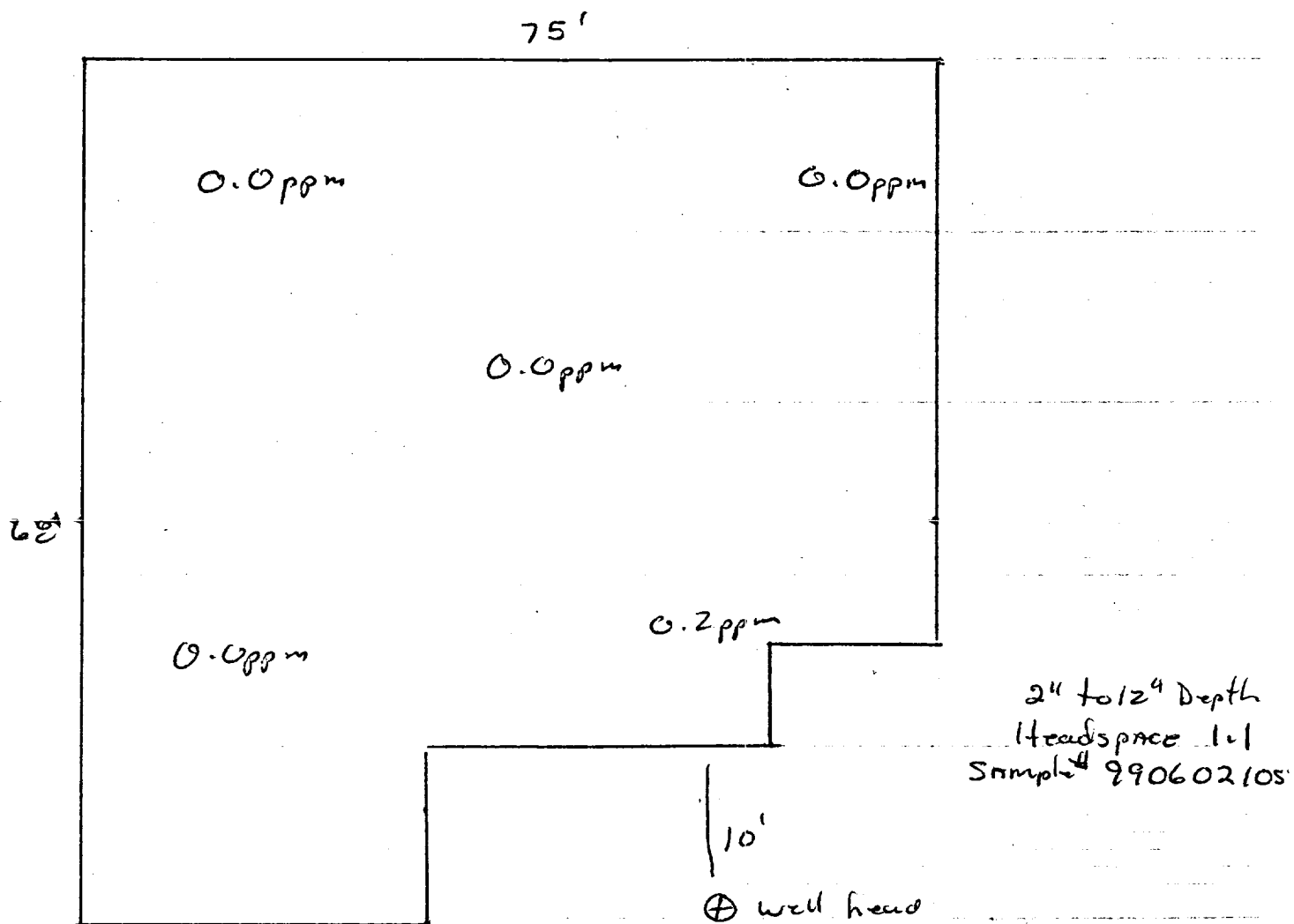
R - RPD outside accepted recovery limits

E - Value above quantitation range

Surr: - Surrogate

Decker #1A
SEC-14 T-32N R-12W UL-P
Burlington

Landfarm Drawing
on location App 253 cu yds



not to scale

OFF: (505) 325-5667



LAB: (505) 325-1556

On Site Technologies, LTD.

Date: 14-Jun-99

CLIENT: PNM - Public Service Company of NM

Project: PNM Pit Remediation Landfarms

Lab Order: 9906006

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



RB

LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 14-Jun-99

Client:	PNM - Public Service Company of NM	Client Sample Info:	Decker #1A LF
Work Order:	9906006	Client Sample ID:	9906021059; 5pt. Comp
Lab ID:	9906006-04A	Matrix:	SOIL
Project:	PNM Pit Remediation Landfarms	Collection Date:	6/2/99 10:59:00 AM
		COC Record:	7714

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015B				Analyst: DC
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	6/7/99

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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