

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

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

Address: 603 W. Elm Street Farmington, NM 87401

Facility or Well Name: East #22

Location: Unit H Sec 26 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 20 ' width 20 ' depth 3 '

(Attach diagram) Reference: wellhead ☒ other ☐

Footage from reference: 85 '

Direction from reference: 35 Degrees ☐ East ☒ North ☐ South ☒ West

Depth to Ground Water:

Less than 50 feet	(20 points)	
50 feet to 99 feet	(10 points)	
Greater than 100 feet	(0 points)	<u>0</u>

(Vertical distance from contaminants to seasonal high water elevation of ground water)

Wellhead Protection Area:

Yes	(20 points)	
No	(0 points)	<u>0</u>

(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)	<u>0</u>

(Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)

RANKING SCORE (TOTAL POINTS): 0

Date Remediation Started: 06/01/1999 **Date Completed:** 06/01/1999

Remediation Method:	Excavation	<u>X</u>	Approx. Cubic Yard	518
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Landfarmed	x	Amount Landfarmed (cubic yds)	418
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Other 100 cu yds overburden

Remediation Location: Onsite X Offsite _____
(i.e., landfarmed onsite, name and location of offsite facility) _____

Backfill Material Location: _____

Excavated contaminated soil to a pit size of 25' X 28' X 20' and landfirmed 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 06/01/1999 Sample time 2:30:00 PM

Benzene (ppm) < 0.001

Total BTEX (ppm) < 0.007

Field headspace (ppm)

TPH (ppm)	< 25.00	Method	8015B
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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

SIGNATURE Maurice Gannon

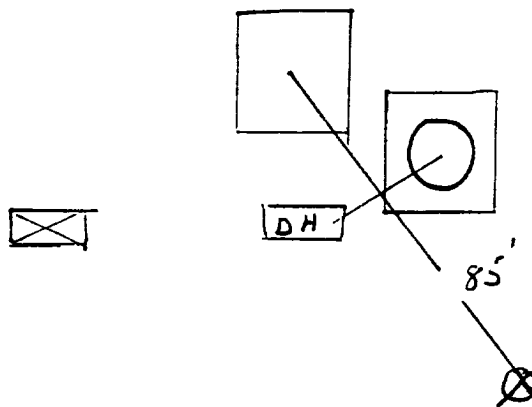
PRINTED NAME **Maureen Gannon**
AND TITLE **Project Manager**

East # 22
Burlington
Sec. 26, 31N, 12W, H

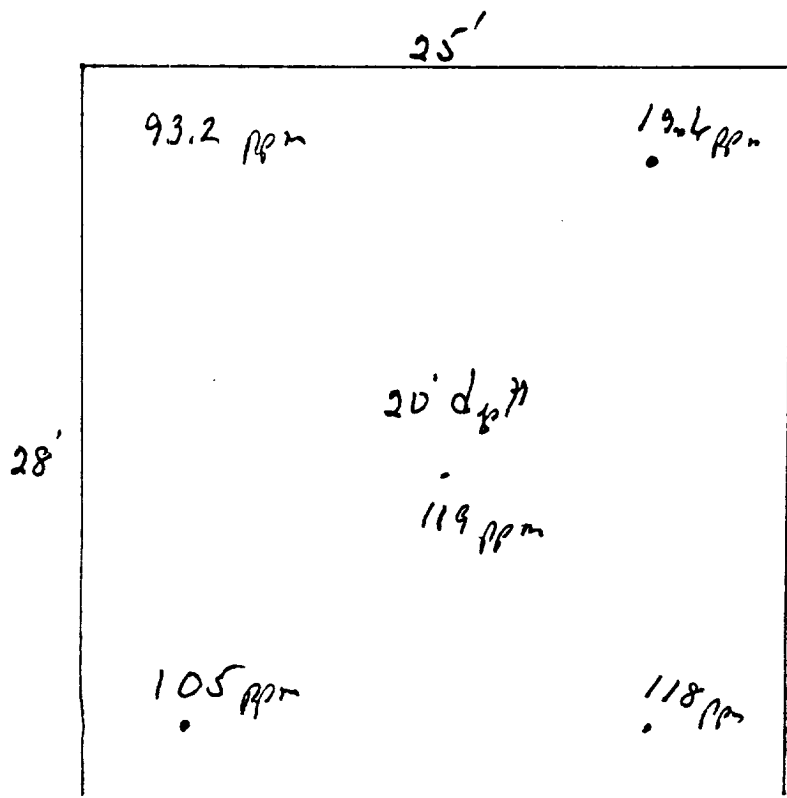
6-1-99

↑
N

Site diagram:



End of excavation:



Field Headspace: 0 ppm (walls)

not to scale

OFF: (505) 325-5667



LAB: (505) 325-1556

On Site Technologies, LTD.

Date: 17-Jun-99

CLIENT: PNM - Public Service Company of NM

Project: PNM Pit Remediation

Lab Order: 9906010

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



LC

LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 17-Jun-99

Client:	PNM - Public Service Company of NM	Client Sample Info:	East #22
Work Order:	9906010	Client Sample ID:	9906011430; Bottom @ 20ft. - 5 pt. Composite
Lab ID:	9906010-09A	Matrix:	SOIL
Project:	PNM Pit Remediation	Collection Date:	6/1/99 2:30:00 PM
		COC Record:	7602

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015B				Analyst: DC
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	6/11/99
AROMATIC VOLATILES BY GC/PID		SW8021B				Analyst: DC
Benzene	ND	1		µg/Kg	1	6/9/99
Toluene	ND	2		µg/Kg	1	6/9/99
Ethylbenzene	ND	1		µg/Kg	1	6/9/99
m,p-Xylene	ND	2		µg/Kg	1	6/9/99
o-Xylene	ND	1		µg/Kg	1	6/9/99

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

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 17-Jun-99

Client:	PNM - Public Service Company of NM	Client Sample Info:	East #22
Work Order:	9906010	Client Sample ID:	9906011435; Walls @ 15ft.
Lab ID:	9906010-10A	Matrix:	SOIL
Project:	PNM Pit Remediation	Collection Date:	6/1/99 2:35:00 PM
		COC Record:	7602

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

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

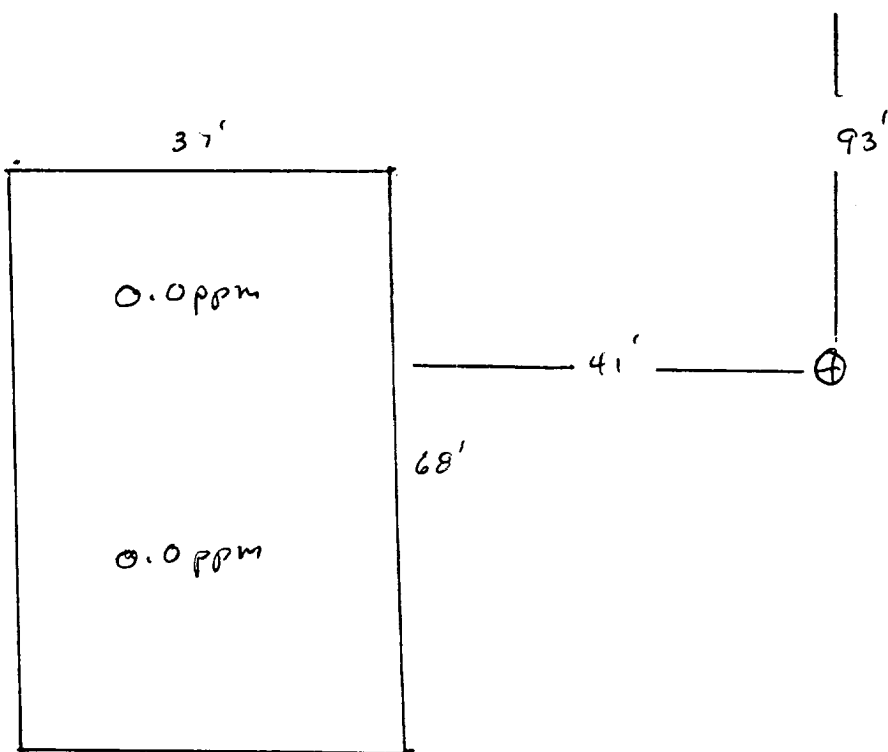
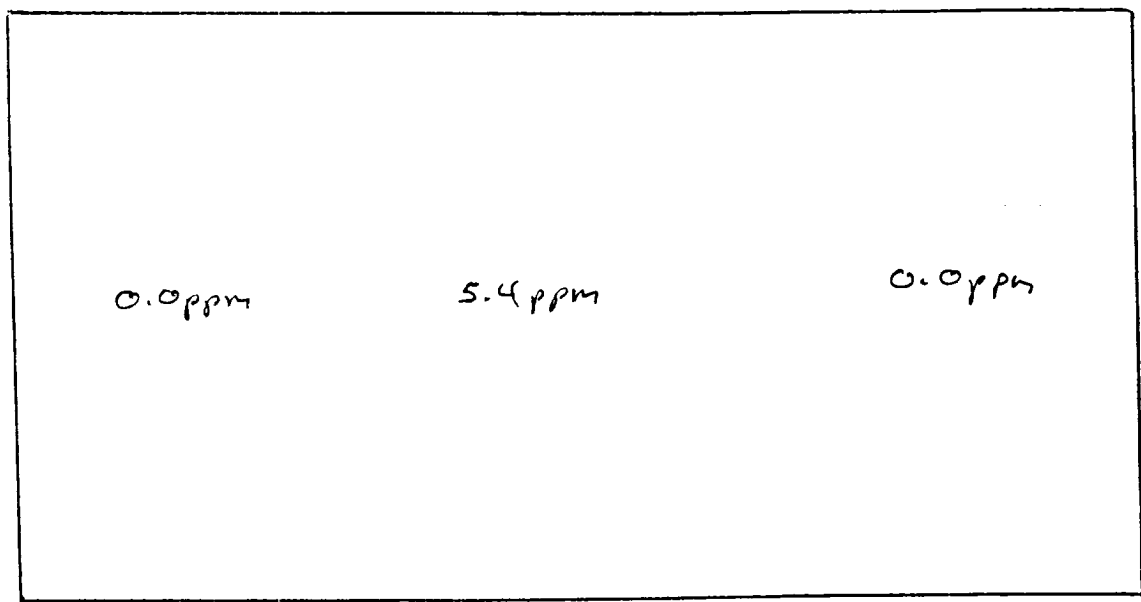
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EAST # 22
Sec- 26 T-31N R-12W UL H
Burlington

Landfarm Drawing

App 418 cu yds

114



2" to 12" Depth
Headspace 9.3 ppm
Sample # 9907121445

Not to Scale

OFF: (505) 325-5667



LAB: (505) 325-1556

On Site Technologies, LTD.

Date: 28-Jul-99

CLIENT: PNM - Public Service Company of NM
Project: PNM Pit Remediation Landfarms
Lab Order: 9907028

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: 28-Jul-99

Client:	PNM - Public Service Company of NM	Client Sample Info:	East 22 LF
Work Order:	9907028	Client Sample ID:	9907121445; 5pt. Comp
Lab ID:	9907028-02A	Matrix:	SOIL
Project:	PNM Pit Remediation Landfarms	Collection Date:	7/12/99 2:45:00 PM
		COC Record:	7488

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015B				Analyst: DC
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	7/22/99

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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