

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

Operator: PNM Gas Services (Burlington)		Telephone: 324-3764	
Address: 603 W. Elm Street Farmington, NM 87401			
Facility or Well Name: Sanchez #3E			
Location:	Unit J	Sec 34	T 30N R 10W County San Juan
Pit Type:	Separator <input checked="" type="checkbox"/>	Dehydrator <input type="checkbox"/>	Other Drip
Land Type:	BLM <input checked="" type="checkbox"/>	State <input type="checkbox"/>	Fee <input type="checkbox"/> Other
Pit Location:	Pit dimensions: length 20 ' width 20 ' depth 3 '		
(Attach diagram)	Reference: wellhead <input checked="" type="checkbox"/> other		
	Footage from reference: 125'		
	Direction from reference: 85 Degrees <input type="checkbox"/> East North <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> West of South <input type="checkbox"/>		
Depth to 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:	Yes (20 points) No (0 points) 0		
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		
RANKING SCORE (TOTAL POINTS):			0

Sanchez #3E

Date Remediation Started: 06/14/1999

Date Completed: 06/14/1999

Remediation Method: Excavation ☒

Approx. Cubic Yard 75

(Check all appropriate sections)

Landfarmed ☒

Amount Landfarmed (cubic yds) 60

Other 15 cu yds overburden.

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 16' X 16' X 8 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

8'

Sample date

06/14/1999

Sample time

1:45:00 PM

Sample Results

Benzene (ppm)

0.39

Total BTEX (ppm)

46.79

Field headspace (ppm)

TPH (ppm)

210.00

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

Maureen Gannon

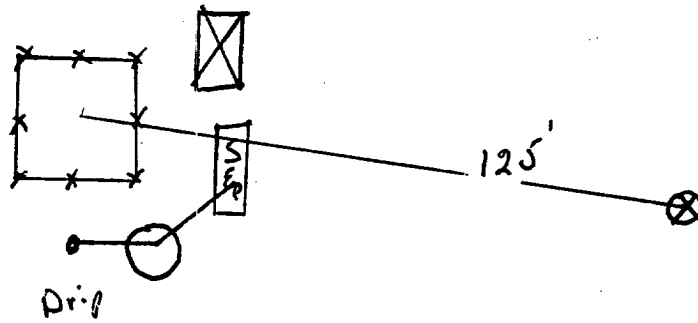
PRINTED NAME Maureen Gannon
AND TITLE Project Manager

Sanchez #3E
Burlington
Sec. 34, 30N, 10W, T

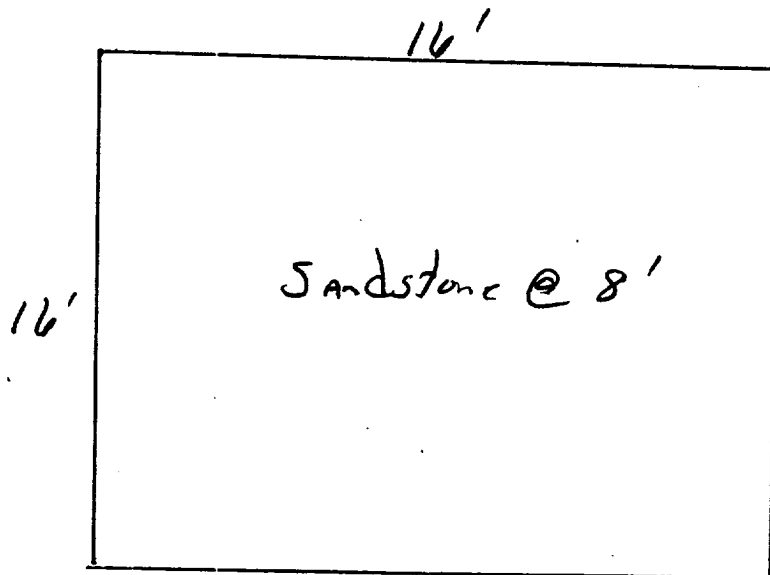
6/14/99

↑
N

Site diagram:



End of excavation:



OFF: (505) 325-5667



LAB: (505) 325-1556

On Site Technologies, LTD.

Date: 28-Jun-99

CLIENT: PNM - Public Service Company of NM
Project: PNM Pit Remediation
Lab Order: 9906051

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: 28-Jun-99

Client: PNM - Public Service Company of NM
 Work Order: 9906051
 Lab ID: 9906051-05A Matrix: SOIL
 Project: PNM Pit Remediation

Client Sample Info: Sanchez #3E
 Client Sample ID: 9906141345; 8ft. ^{RAD} 1/20/00 Bottom
 Collection Date: 6/14/99 1:45:00 PM
 COC Record: 7610

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015B				
T/R Hydrocarbons: C10-C28	210	25		mg/Kg	1	Analyst: DC 6/23/99
AROMATIC VOLATILES BY GC/PID		SW8021B				
Benzene	390	250		µg/Kg	250	Analyst: DC 6/18/99
Toluene	ND	500		µg/Kg	250	6/18/99
Ethylbenzene	5400	250		µg/Kg	250	6/18/99
m,p-Xylene	34000	500		µg/Kg	250	6/18/99
o-Xylene	7000	250		µg/Kg	250	6/18/99

46790
 46.79 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

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OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 28-Jun-99

Client:	PNM - Public Service Company of NM	Client Sample Info:	Sanchez #3E
Work Order:	9906051	Client Sample ID:	9906141350; 4ft. <i>Wade</i>
Lab ID:	9906051-06A	Matrix:	SOIL
Project:	PNM Pit Remediation	Collection Date:	6/14/99 1:50:00 PM
		COC Record:	7610

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS						
		SW8015B				Analyst: DC
T/R Hydrocarbons: C10-C28	54	25		mg/Kg	1	6/23/99
AROMATIC VOLATILES BY GC/PID						
		SW8021B				Analyst: DC
Benzene	ND	1		µg/Kg	1	6/18/99
Toluene	ND	2		µg/Kg	1	6/18/99
Ethylbenzene	7.2	1		µg/Kg	1	6/18/99
m,p-Xylene	15	2		µg/Kg	1	6/18/99
o-Xylene	6.1	1		µg/Kg	1	6/18/99

28.3
0283 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

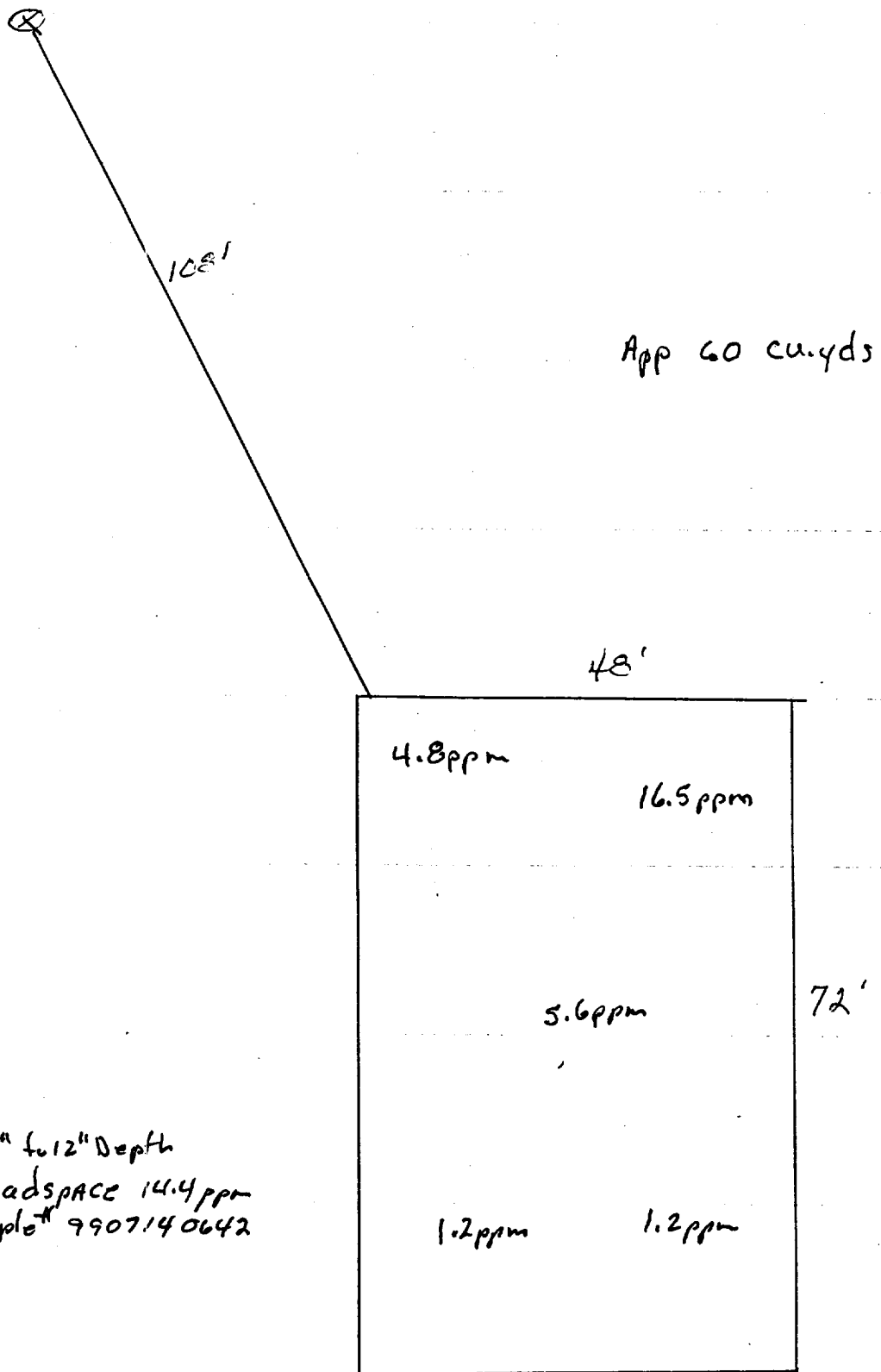
Surr: - Surrogate

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Sec. 34 T30N R10W Unit 111
Burlington

Landfarm Drawing



Not to scale

2" to 12" Depth
Headspace 14.4 ppm
Sample # 9907140642



On Site Technologies, LTD.

Date: 30-Jul-99

CLIENT: PNM - Public Service Company of NM
Project: PNM Pit Remediation Landfarms
Lab Order: 9907036

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

Client:	PNM - Public Service Company of NM	Client Sample Info:	Sanchez 3E LF
Work Order:	9907036	Client Sample ID:	9907140642; 5pt Comp
Lab ID:	9907036-02A	Matrix:	SOIL
Project:	PNM Pit Remediation Landfarms	Collection Date:	7/14/99 6:42:00 AM
		COC Record:	7491

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015B				Analyst: DC
T/R Hydrocarbons: C10-C28	34	25		mg/Kg	1	7/28/99

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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