

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

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

OIL CONSERVATION DIVISION

2040 South Pacheco Street
Santa Fe, New Mexico 87505

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: McClanahan #20E

Location: Unit F Sec 13 T 28 N R 10 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: 50 Degrees ☒ East North ☐
of ☐ West South ☒

Depth to Ground Water: Less than 50 feet (20 points)
50 feet to 99 feet (10 points)
Greater than 100 feet (0 points) 0

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

Wellhead Protection Area: Yes (20 points)
No (0 points) 0

(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) 0

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

RANKING SCORE (TOTAL POINTS): 0

McClanahan #20E

Date Remediation Started: 06/30/1999

Date Completed: 06/30/1999

Remediation Method:

Excavation

☒

Approx. Cubic Yard

128

(Check all appropriate sections)

Landfarmed

☒

Amount Landfarmed (cubic yds)

118

Other

10 cu yds clean 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 17' X 17' X 12' 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

12'

Sample date

06/30/1999

Sample time

8:50:00 AM

Sample Results

Benzene (ppm) < 0.001

Total BTEX (ppm) 0.006400

Field headspace (ppm)

TPH (ppm)

37.00

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

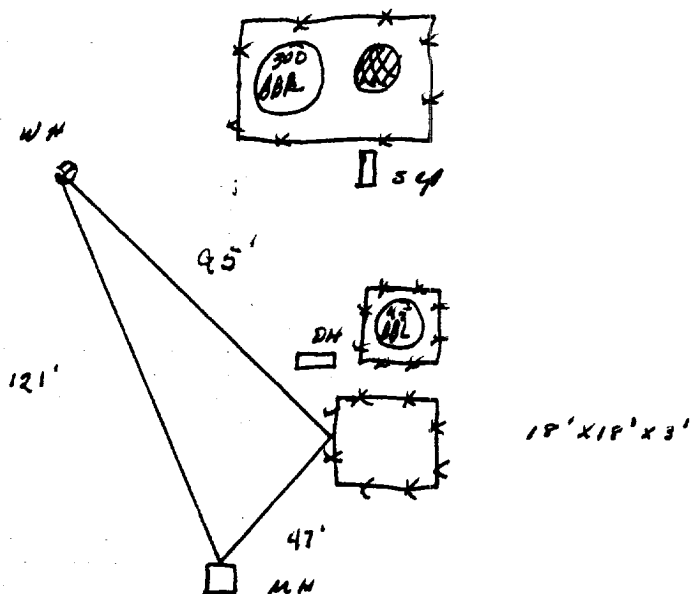
DATE January 24, 2000

SIGNATURE

Maureen Gannon

PRINTED NAME Maureen Gannon
AND TITLE Project Manager

McClanahan #20E
 (F) 13-28N-10W
 Burlington
 4-30-44 @ 0758

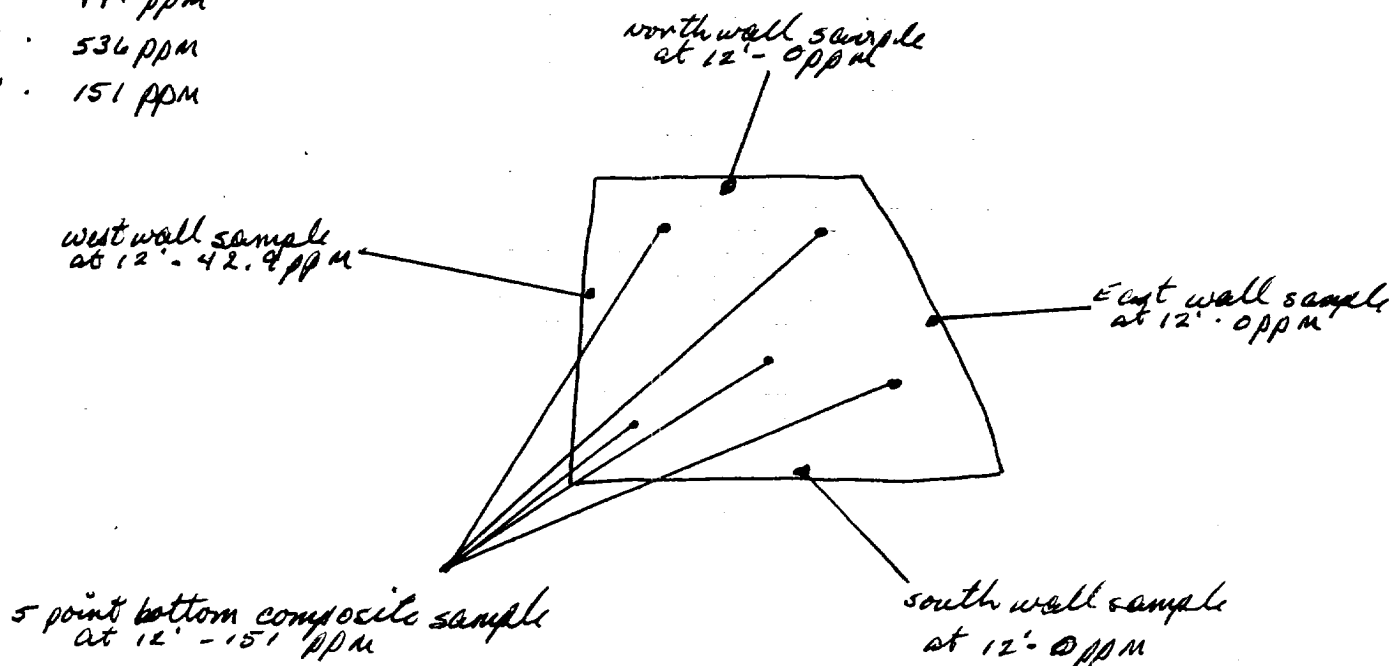


Excavation Sampling

PID Readings

3' - 1865 ppm
 6' - 197 ppm
 9' - 536 ppm
 12' - 151 ppm

17'(N+S) x 17'(E+W) x 12' (D)



not to scale

OFF: (505) 325-5667



LAB: (505) 325-1556

On Site Technologies, LTD.

Date: 15-Jul-99

CLIENT: PNM - Public Service Company of NM
Project: PNM Pit Remediation
Lab Order: 9907001

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.

Ray

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 15-Jul-99

Client:	PNM - Public Service Company of NM	Client Sample Info:	McClanahan 20E
Work Order:	9907001	Client Sample ID:	9906300850; 5pt. Bottom Comp
Lab ID:	9907001-01A	Matrix:	SOIL
Project:	PNM Pit Remediation	Collection Date:	6/30/99 8:50:00 AM
		COC Record:	7642

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015B				Analyst: DC
T/R Hydrocarbons: C10-C28	37	25		mg/Kg	1	7/12/99
AROMATIC VOLATILES BY GC/PID		SW8021B				Analyst: DM
Benzene	ND	1		µg/Kg	1	7/1/99
Toluene	ND	2		µg/Kg	1	7/1/99
Ethylbenzene	1	1		µg/Kg	1	7/1/99
m,p-Xylene	4.1	2		µg/Kg	1	7/1/99
o-Xylene	1.3	1		µg/Kg	1	7/1/99

6.4
0.0064 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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1 of 1

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 15-Jul-99

Client:	PNM - Public Service Company of NM	Client Sample Info:	McClanahan 20E
Work Order:	9907001	Client Sample ID:	9906300855; 4pt. Wall Comp
Lab ID:	9907001-02A	Matrix:	SOIL
Project:	PNM Pit Remediation	Collection Date:	6/30/99 8:55:00 AM
		COC Record:	7642

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015B				Analyst: DC
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	7/12/99

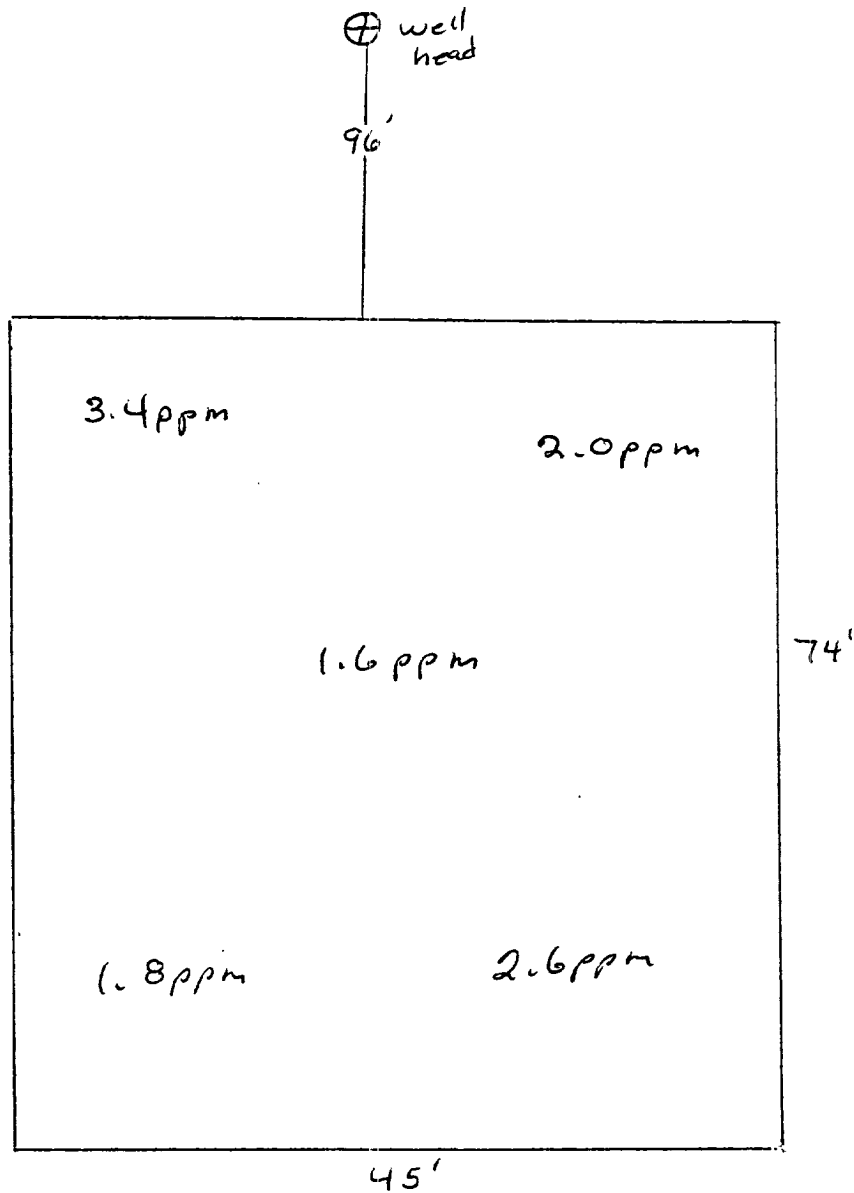
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1 of 1

McClannahan 20E
Sec. 13 T28N R10W 4LF
Burlington

Landform Drawing

App 118.44 cu yds



2" to 12" Depth
Headspace 5.2 ppm
Sample # 9908061349

Not to Scale

OFF: (505) 325-5667



LAB: (505) 325-1556

On Site Technologies, LTD.

Date: 11-Aug-99

CLIENT: PNM - Public Service Company of NM
Project: PNM Pit Remediation Landfarms
Lab Order: 9908018

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: 11-Aug-99

Client:	PNM - Public Service Company of NM	Client Sample Info:	McClanahan #20E LF
Work Order:	9908018	Client Sample ID:	9908061349; 5pt. Composite
Lab ID:	9908018-01A	Matrix:	SOIL
Project:	PNM Pit Remediation Landfarms	Collection Date:	08/06/1999 1:49:00 PM
		COC Record:	7805

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015B				Analyst: DC
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	08/09/1999

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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TECHNOLOGICAL REMEDIATION INDUSTRIES, INC. (TRIM) 1999-08-11