

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

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: McGrath C #1

Location: Unit P Sec 34 T 30 N R 12 W County San Juan

Pit Type: Separator ☐ Dehydrator ☒ Other                     

Land Type: BLM ☒ State ☐ Fee ☐ Other                     

Pit Location: Pit dimensions: length 16' width 16' depth 3'

(Attach diagram) Reference: wellhead ☒ other                     

Footage from reference: 146'

Direction from reference: 64 Degrees ☒ East North ☒  
of ☐ West South           

**Depth to Ground Water:**

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

RECEIVED  
JAN 31 1991  
OIL CON. DIV.  
DIST. 3

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

**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)	<u>0</u>

**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)	<u>0</u>

**RANKING SCORE (TOTAL POINTS):** 0

McGrath C #1

Date Remediation Started: 07/22/1999

Date Completed: 07/22/1999

Remediation Method:

Excavation ☒

Approx. Cubic Yard 361

(Check all appropriate sections)

Landfarmed ☒

Amount Landfarmed (cubic yds) 320

Other 41 cu yds clean overburden.

Remediation Location:

Onsite

Offsite

Tierra Environmental

(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 24.5' X 26.5' X 15' and transported soil to an offsite commercial landfarm.

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

15'

Sample date

07/22/1999

Sample time

1:45:00 PM

Sample Results

Benzene (ppm)

0.068

Total BTEX (ppm)

5.178

Field headspace (ppm)

TPH (ppm)

140.00

Method

8015B

Vertical Extent (ft)

Risk Analysis form attached Yes

No



Ground Water Sample:

Yes



No

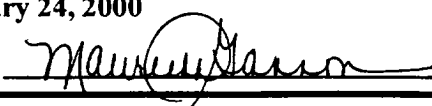


(If yes, see attached Groundwater Site Summary Report)

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

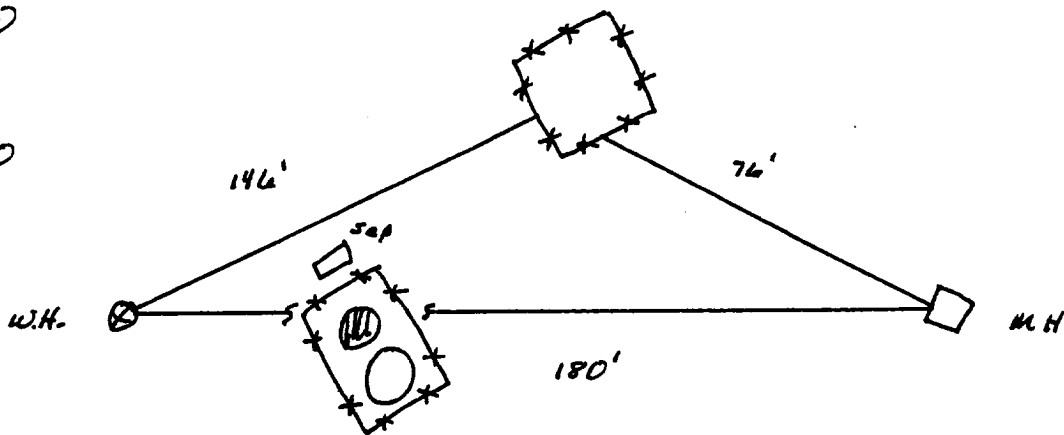


PRINTED NAME Maureen Gannon  
AND TITLE Project Manager

14' x 14' x 3'

N

McGrath C<sup>#</sup>1  
(P) 54-30N-12W  
Burlington  
7-22-44 @ 1130  
64° E of N



# Excavation sampling

## PID Readings

5' - 1253 ppm  
10' - 453 ppm  
15' - 459 ppm

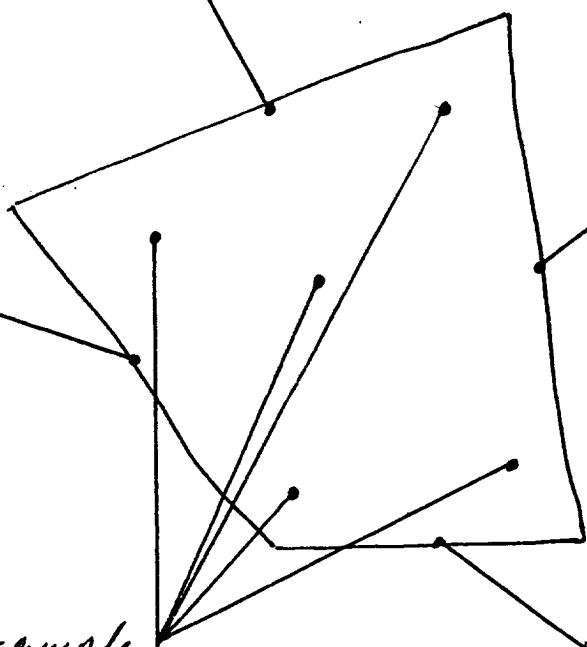
north wall sample  
at 15' - 0 ppm

west wall sample  
at 15' - 435 ppm

East wall sample  
at 15' - 4 ppm

5 point bottom composite sample  
at 15' - 454 ppm

south wall sample  
at 15' - 19.5 ppm



OFF: (505) 325-5667



LAB: (505) 325-1556

**On Site Technologies, LTD.**

**Date:** 04-Aug-99

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**CLIENT:** PNM - Public Service Company of NM  
**Project:** PNM Pit Remediation  
**Lab Order:** 9907053

**CASE NARRATIVE**

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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



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## ANALYTICAL REPORT

Date: 04-Aug-99

<b>Client:</b>	PNM - Public Service Company of NM	<b>Client Sample Info:</b>	McGrath C#1
<b>Work Order:</b>	9907053	<b>Client Sample ID:</b>	9907221345; 5pt. Bottom Comp.
<b>Lab ID:</b>	9907053-04A	<b>Matrix:</b>	SOIL
<b>Project:</b>	PNM Pit Remediation	<b>Collection Date:</b>	7/22/99 1:45:00 PM
		<b>COC Record:</b>	7682

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
<b>DIESEL RANGE ORGANICS</b>		<b>SW8015B</b>				Analyst: DC
T/R Hydrocarbons: C10-C28	140	25		mg/Kg	1	8/2/99
<b>AROMATIC VOLATILES BY GC/PID</b>		<b>SW8021B</b>				Analyst: DC
Benzene	68	50		µg/Kg	50	7/29/99
Toluene	ND	100		µg/Kg	50	7/29/99
Ethylbenzene	580	50		µg/Kg	50	7/29/99
m,p-Xylene	3900	100		µg/Kg	50	7/29/99
o-Xylene	630	50		µg/Kg	50	7/29/99

5178  
5.178 ppm

<b>Qualifiers:</b>	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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LAB: (505) 325-1556

## ANALYTICAL REPORT

Date: 04-Aug-99

<b>Client:</b>	PNM - Public Service Company of NM	<b>Client Sample Info:</b>	McGrath C#1
<b>Work Order:</b>	9907053	<b>Client Sample ID:</b>	9907221350; 4pt. Wall Comp.
<b>Lab ID:</b>	9907053-05A	<b>Matrix:</b>	SOIL
<b>Project:</b>	PNM Pit Remediation	<b>Collection Date:</b>	7/22/99 1:50:00 PM
		<b>COC Record:</b>	7682

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
<b>DIESEL RANGE ORGANICS</b>		<b>SW8015B</b>				Analyst: DC
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	8/2/99

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- R - RPD outside accepted recovery limits
- E - Value above quantitation range
- Surr: - Surrogate

1 of 1

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