

District I
P O. Box 1000, Farmington, NM 87401
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

Approved

PIT REMEDIATION AND CLOSURE REPORT

RECEIVED
NOV 12 1998

OIL CON. DIV.
DIST. 3

Operator: PNM Gas Services (Dreyfus) Telephone: 324-3764
Address: 603 W. Elm Street Farmington, NM 87401
Facility or Well Name: Federal 33-24
Location: Unit N Sec 33 T 27 N R 11 W County San Juan
Pit Type: Separator ☐ Dehydrator ☐ Other Manual blow down.
Land Type: BLM ☐ State ☐ Fee ☐ Other Navajo

Pit Location: Pit dimensions: length 18 width 18 depth 3
(Attach diagram) Reference: wellhead ☒ other ☐
Footage from reference: 120'
Direction from reference: 90 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

Date Remediation Started: 6/8/98Date Completed: 6/8/98Remediation Method: Excavation XApprox. Cubic Yard 280

(Check all appropriate sections)

Landfarmed XAmount Landfarmed (cubic yds) 250Other 30 yds. of clean overburden.

Remediation Location:

Onsite X

Offsite

(i.e., landfarmed onsite, name and location of offsite facility)

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Backfill Material Location:

OIL CON. DIV.
DIST. 3

General Description of Remedial Action:

Excavated contaminated soil to a pit size of 20' X 21' X 18' 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

Bottom of excavation.

(if multiple samples, attach sample result and diagram of sample locations and depths.)

Sample depth

18'

Sample date

6/8/98

Sample time

10:25:00 AM

Sample Results

Benzene (ppm) < 0.0020Total BTEX (ppm) 0.1340

Field headspace (ppm)

TPH (ppm) < 25.00

Method

8015A

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 October 29, 1998

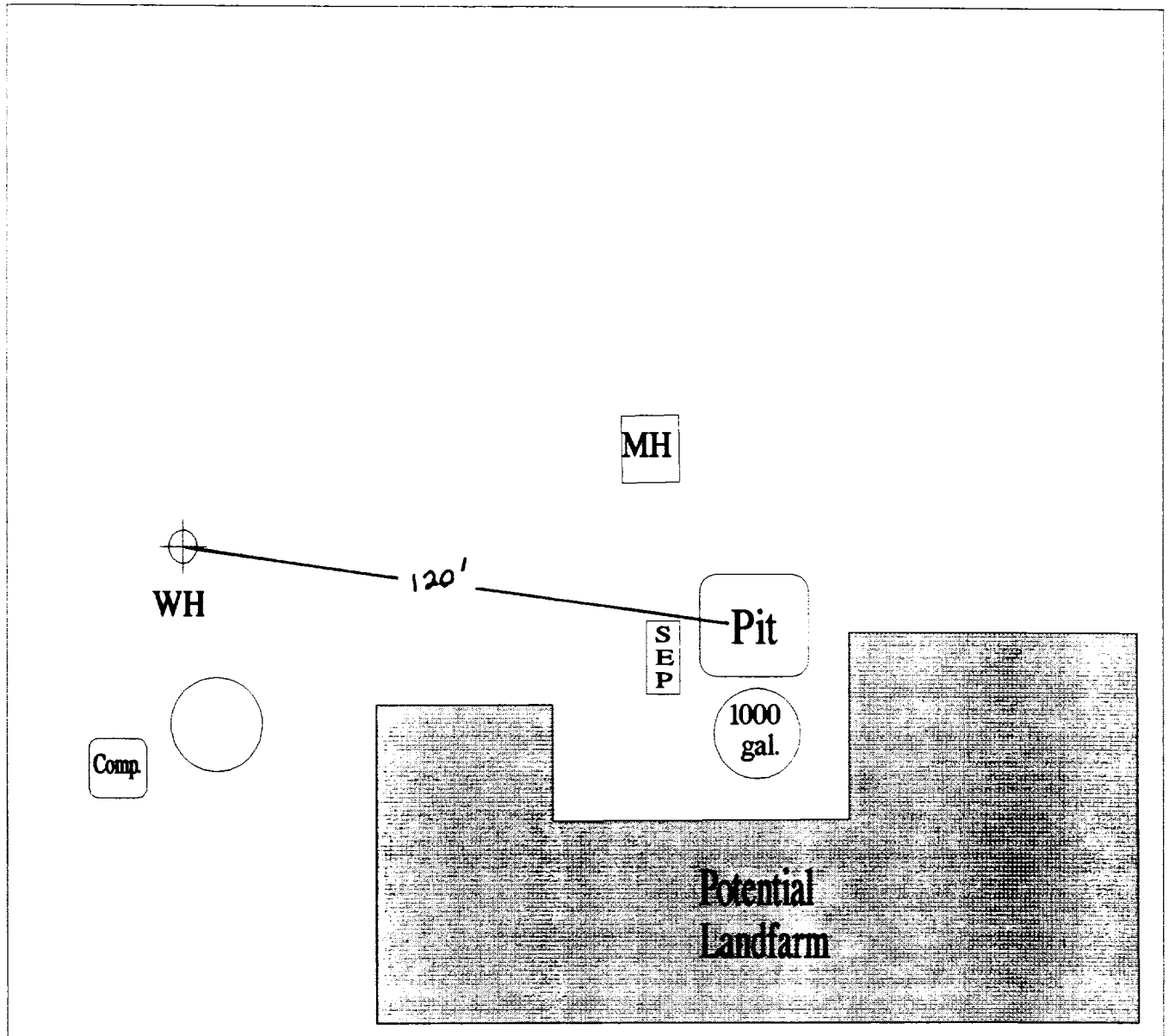
SIGNATURE

Maureen GannonPRINTED NAME Maureen Gannon
AND TITLE Project Manager

Federal #33-24
Dreyfus
Lease # SF-078896
(N)-33-27N-11W
San Juan County



! 250' !



-250'-

OFF: (505) 325-5667

ON SITE

LAB: (505) 325-1556

TECHNOLOGIES, LTD.

On Site Technologies, LTD.

Date: 16-Jun-98

CLIENT: PNM - Public Service Company of NM
Project: Federal 33-24
Lab Order: 9806021

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

ON SITE

TECHNOLOGIES, LTD.

LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 16-Jun-98

Client:	PNM - Public Service Company of NM	Client Sample Info:	Federal 33-24
Work Order:	9806021	Client Sample ID:	9806081025; Bottom
Lab ID:	9806021-01A	Matrix:	SOIL
Project:	Federal 33-24	Collection Date:	6/8/98 10:25:00 AM
		COC Record:	5226

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS						
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	6/15/98
BTEX						
Benzene	ND	2		µg/Kg	2	6/13/98
Toluene	ND	4		µg/Kg	2	6/13/98
Ethylbenzene	14	2		µg/Kg	2	6/13/98
m,p-Xylene	100	4		µg/Kg	2	6/13/98
o-Xylene	20	2		µg/Kg	2	6/13/98

134
•1340 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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1 of 1

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 16-Jun-98

Client:	PNM - Public Service Company of NM	Client Sample Info:	Federal 33-24
Work Order:	9806021	Client Sample ID:	9806081035; Wall Composite
Lab ID:	9806021-02A	Matrix:	SOIL
Project:	Federal 33-24	Collection Date:	6/8/98 10:35:00 AM
		COC Record:	5226

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015				Analyst: HR
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	6/11/98
BTEX		SW8020A				Analyst: DC
Methyl tert-Butyl Ether	ND	10		µg/Kg	1	6/10/98
Benzene	ND	1		µg/Kg	1	6/10/98
Toluene	ND	2		µg/Kg	1	6/10/98
Ethylbenzene	ND	1		µg/Kg	1	6/10/98
m,p-Xylene	ND	2		µg/Kg	1	6/10/98
o-Xylene	ND	1		µg/Kg	1	6/10/98

Qualifiers:

PQL - Practical Quantitation Limit

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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

Federal #33-24

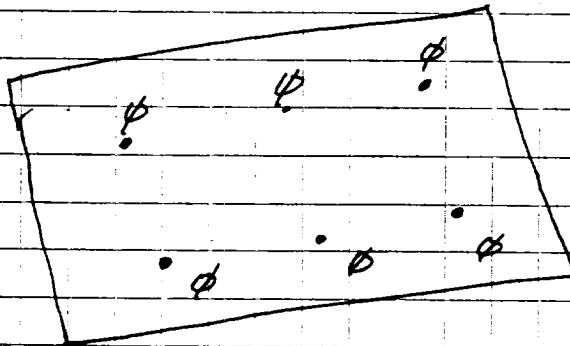
7-1-98

Louis Oregon

Sec. 33, 27N, 11W, N

Landfarm:

2.80 yards



9807010730

2"-12" depth

soil vapor headspace = 3.8 ppm



OFF: (505) 325-5667

LAB: (505) 325-1556

On Site Technologies, LTD.

Date: 07-Jul-98

CLIENT: PNM - Public Service Company of NM
Project: Landfarms
Lab Order: 9807001

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: 07-Jul-98

Client:	PNM - Public Service Company of NM	Client Sample Info:	Federal 33-24
Work Order:	9807001	Client Sample ID:	9807010730; 6pt. Comp. 2-12in.
Lab ID:	9807001-02A	Matrix:	SOIL
Project:	Landfarms	Collection Date:	7/1/98 7:30:00 AM
		COC Record:	7308

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015				Analyst: DC
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	7/7/98

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