

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

RECEIVED
NOV 12 1998

Operator:	PNM Gas Services (Dreyfus)		Telephone:	324-3761			
Address:	603 W. Elm Street Farmington, NM 87401						
Facility or Well Name:	Federal 33-44						
Location:	Unit	P	Sec	33			
	T	27 N	R	11 W			
	County	San Juan					
Pit Type:	Separator	<input checked="" type="checkbox"/>	Dehydrator	<input type="checkbox"/>			
	Other	Abandoned.					
Land Type:	BLM	<input type="checkbox"/>	State	<input type="checkbox"/>			
	Fee	<input type="checkbox"/>	Other	Navajo			
Pit Location:	Pit dimensions:	length	20	width	20	depth	3
(Attach diagram)	Reference:	wellhead	<input checked="" type="checkbox"/>	other			
	Footage from reference:	90'					
	Direction from reference:	90	Degrees	<input type="checkbox"/>	East	North	<input checked="" type="checkbox"/>
		<input checked="" type="checkbox"/>	West	South	<input type="checkbox"/>		
Depth to Ground Water:	Less than 50 feet	(20 points)					
	50 feet to 99 feet	(10 points)					
(Vertical distance from contaminants to seasonal high water elevation of ground water)	Greater than 100 feet	(0 points)					0
Wellhead Protection Area:	Yes	(20 points)					
(Less than 200 feet from a private domestic water source, or, less than 1,000 feet from all other water sources)	No	(0 points)					0
Distance to Surface Water:	Less than 200 feet	(20 points)					
	200 feet to 1,000 feet	(10 points)					
(Horizontal distance to: perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)	Greater than 1,000 feet	(0 points)					0
RANKING SCORE (TOTAL POINTS):							0

Date Remediation Started: 6/8/98 Date Completed: 6/8/98Remediation Method: Excavation X Approx. Cubic Yard 91

(Check all appropriate sections)

Landfarmed X Amount Landfarmed (cubic yds) 91

Other _____

Remediation Location: Onsite X 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 18' 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 Bottom of excavation.

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

Sample depth 8'Sample date 6/8/98 Sample time 1:45:00 PM

Sample Results

Benzene (ppm) < 0.0050Total BTEX (ppm) 0.5390

Field headspace (ppm) _____

TPH (ppm) < 25.00 Method 8015AVertical Extent (ft) _____ Risk Analysis form attached Yes ☐ No ☒Ground Water Sample: Yes ☐ No ☒ (If yes, see attached Groundwater Site Summary Report)

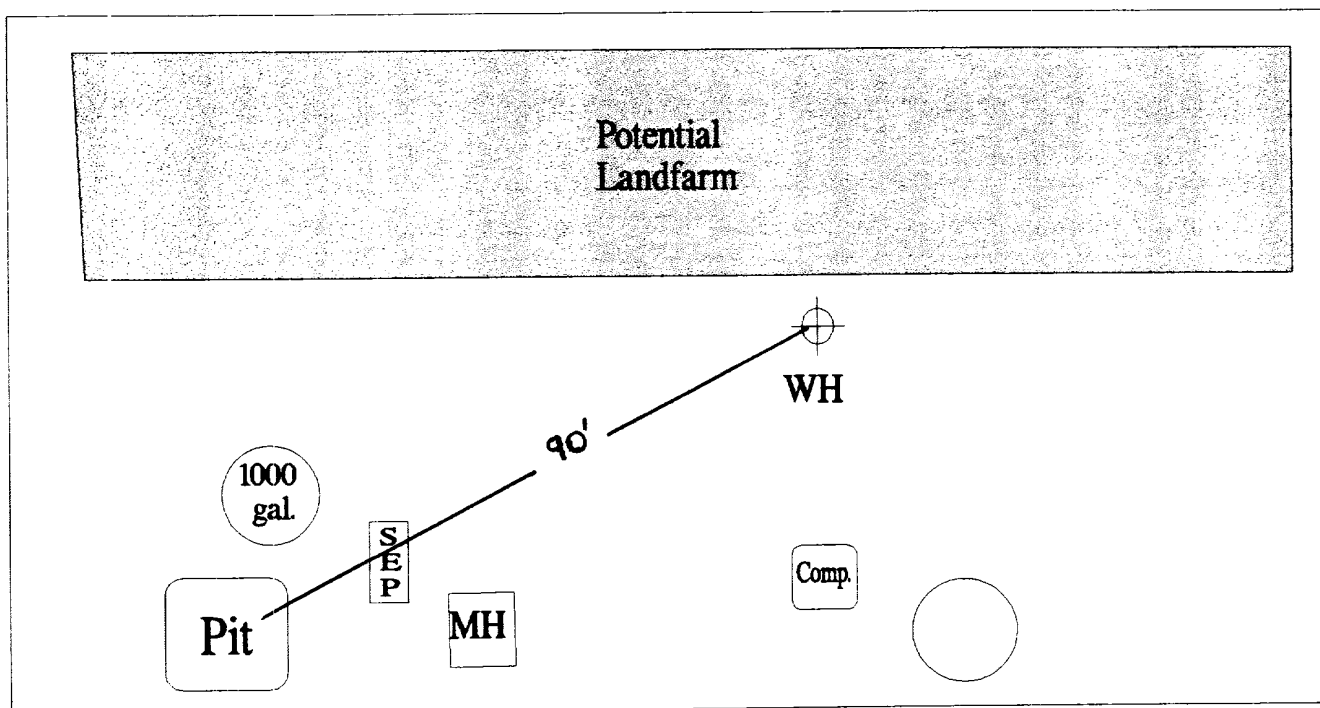
I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND MY BELIEF

DATE October 29, 1998SIGNATURE Maureen GannonPRINTED NAME Maureen Gannon
AND TITLE Project Manager

Federal #33-44
Dreyfus
Lease # SF-078896
(P)-33-27N-11W
San Juan County



! 120' !



-270'-

OFF: (505) 325-5667

LAB: (505) 325-1556

ON SITE

TECHNOLOGIES, LTD.

On Site Technologies, LTD.

Date: 16-Jun-98

CLIENT: PNM - Public Service Company of NM

Project: Federal 33-44

Lab Order: 9806023

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: 16-Jun-98

Client:	PNM - Public Service Company of NM	Client Sample Info:	Federal 33-44
Work Order:	9806023	Client Sample ID:	9806081345; Bottom
Lab ID:	9806023-01A	Matrix:	SOIL
Project:	Federal 33-44	Collection Date:	6/8/98 1:45:00 PM
		COC Record:	5227

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015				Analyst: HR
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	6/15/98
BTEX		SW8020A				Analyst: DC
Benzene	ND	5		µg/Kg	5	6/13/98
Toluene	14	10		µg/Kg	5	6/13/98
Ethylbenzene	58	5		µg/Kg	5	6/13/98
m,p-Xylene	390	10		µg/Kg	5	6/13/98
o-Xylene	77	5		µg/Kg	5	6/13/98

539
539 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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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 33-44
Work Order:	9806023	Client Sample ID:	9806081350: Wall Composite
Lab ID:	9806023-02A	Matrix:	SOIL
Project:	Federal 33-44	Collection Date:	6/8/98 1:50:00 PM
		COC Record:	5227

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015				Analyst: HR
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	6/15/98
BTEX		SW8020A				Analyst: DC
Benzene	ND	5		µg/Kg	5	6/13/98
Toluene	ND	10		µg/Kg	5	6/13/98
Ethylbenzene	46	5		µg/Kg	5	6/13/98
m,p-Xylene	250	10		µg/Kg	5	6/13/98
o-Xylene	71	5		µg/Kg	5	6/13/98

367
•367 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	Surrogate - Surrogate

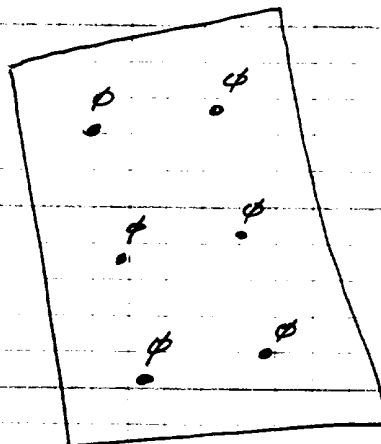
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Federal 33-44
Louis Oreyfus
Sec. 33, 27N, 11W, 10

7-1-98

Landfarm:

91 yards



9807010800

2"-12" depth

Soil vapor headspace = 1.7 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 33-44
Work Order:	9807001	Client Sample ID:	9807010800; 6pt. Comp. 2-12in.
Lab ID:	9807001-03A	Matrix:	SOIL
Project:	Landfarms	Collection Date:	7/1/98 8:00:00 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

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