

Denny E. Faust
District I
P O Box 8821
DEPUTY OIL & GAS INSPECTOR

State of New Mexico
Energy, Minerals and Natural Resources Department

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

District II
P O Drawer DD, Artesia, NM 88211
DEC 17 1998

OIL CONSERVATION DIVISION

2040 South Pacheco Street
Santa Fe, New Mexico 87505

PIT REMEDIATION AND CLOSURE REPORT

RECEIVED
JUL 31 1998
OIL CON. DIV.
DIST. 3

Operator: PNM Gas Services (Williams)		Telephone: 324-3764	
Address: 603 W. Elm Street Farmington, NM 87401			
Facility or Well Name: Kutz J Federal #2 Drip			
Location:	Unit <u>B</u>	Sec <u>6</u>	T <u>27 N</u> R <u>10 W</u> County <u>San Juan</u>
Pit Type:	Separator <input type="checkbox"/>	Dehydrator <input type="checkbox"/>	Other <u>Drip</u>
Land Type:	BLM <input checked="" type="checkbox"/>	State <input type="checkbox"/>	Fee <input type="checkbox"/> Other <input type="checkbox"/>
Pit Location:	Pit dimensions: length <u>20</u> ' width <u>20</u> ' depth <u>3</u> '		
(Attach diagram)	Reference: wellhead <input type="checkbox"/> other <u>Drip</u>		
	Footage from reference: <u>20</u> '		
	Direction from reference: <u>5</u> Degrees <input type="checkbox"/> East <input checked="" type="checkbox"/> North <input checked="" type="checkbox"/> South <input checked="" type="checkbox"/> West <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) <u>10</u>		
(Vertical distance from contaminants to seasonal high water elevation of ground water)			
Wellhead Protection Area:	Yes (20 points) No (0 points) <u>0</u>		
(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) <u>0</u>		
(Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)			
RANKING SCORE (TOTAL POINTS):			<u>10</u>

Date Remediation Started: 4/29/98

Date Completed: 4/29/98

Remediation Method: Excavation X

Approx. Cubic Yard 19

(Check all appropriate sections)

Landfarmed X

Amount Landfarmed (cubic yds) 19

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 10' X 10' X 5' 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

5'

Sample date

4/29/98

Sample time

1:30:00 PM

Sample Results

Benzene (ppm) < 0.0010

Total BTEX (ppm) < 0.0070

Field headspace (ppm)

TPH (ppm) < 25.00

Method

8015

Vertical Extent (ft)

Risk Analysis form attached Yes

No

✓

Ground Water Sample:

Yes

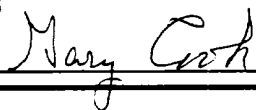
No

(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 July 27, 1998

SIGNATURE



PRINTED NAME Gary Cook

AND TITLE

Environmental Technician III

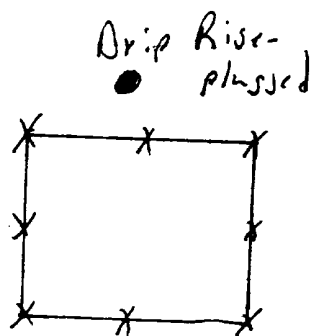
Kutz J Federal #2 Drip

WFS

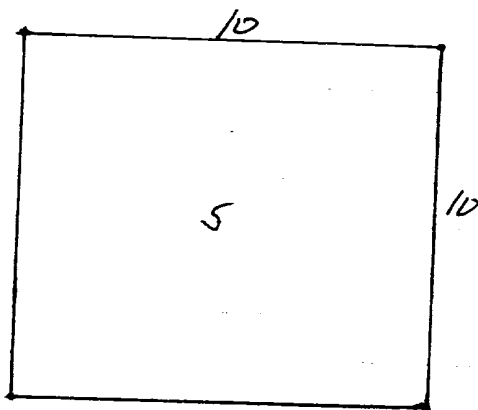
Sec. 6, 27N, 10W, B

4/29/98

Start of excavation:



End of excavation



all clear

OFF: (505) 325-5667



LAB: (505) 325-1556

On Site Technologies, LTD.

Date: 12-May-98

CLIENT: PNM - Public Service Company of NM

Project: PNM Pit Remediation

Lab Order: 9804060

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: 12-May-98

Client:	PNM - Public Service Company of NM	Client Sample Info:	Kutz J Federal #2 Drip
Work Order:	9804060	Client Sample ID:	9804291330; Bottom @ 5ft.
Lab ID:	9804060-01A	Matrix:	SOIL
Project:	PNM Pit Remediation	Collection Date:	4/29/98 1:30:00 PM
		COC Record:	7123

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015				Analyst: HR
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	5/8/98
BTEX		SW8020A				Analyst: DC
Benzene	ND	1		µg/Kg	1	5/6/98
Toluene	ND	2		µg/Kg	1	5/6/98
Ethylbenzene	ND	1		µg/Kg	1	5/6/98
m,p-Xylene	ND	2		µg/Kg	1	5/6/98
o-Xylene	ND	1		µg/Kg	1	5/6/98
		<u>7</u>				
		.0070		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

1 of 1

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- Treat it right. Sampling Industries with the Environment -

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 12-May-98

Client: PNM - Public Service Company of NM
Work Order: 9804060
Lab ID: 9804060-02A **Matrix:** SOIL
Project: PNM Pit Remediation

Client Sample Info: Kutz J Federal #2 Drip
Client Sample ID: 9804291335; Walls @ 3ft.
Collection Date: 4/29/98 1:35:00 PM
COC Record: 7123

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015				Analyst: HR
T/R Hydrocarbons: C10-C28	1400	25		mg/Kg	1	5/8/98
BTEX		SW8020A				Analyst: DC
Benzene	ND	1		µg/Kg	1	5/6/98
Toluene	6.6	2		µg/Kg	1	5/6/98
Ethylbenzene	5.6	1		µg/Kg	1	5/6/98
m,p-Xylene	6.4	2		µg/Kg	1	5/6/98
o-Xylene	4.7	1		µg/Kg	1	5/6/98

Qualifiers:

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ND - Not Detected at Practical Quantitation Limit

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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

Surrogate

1 of 1

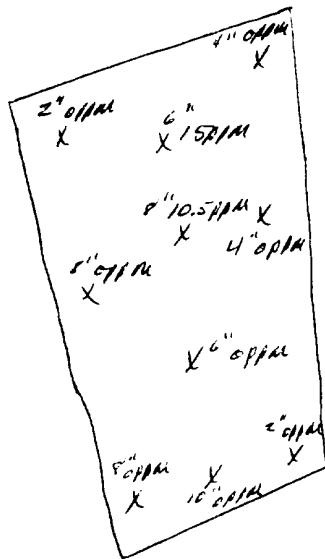
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- TECHNOLOGIES OF BLENDING INDUSTRIES - WITH THE ENVIRONMENT -

Kutz J Federal #2 Strip
 NE 1/4 NE 1/4
 B-G-27N-10W
 San Juan
 Williams
 Lab Sample # 9805210830
 Field head space - 9.7 ppm



2" - 10"



⊙ BD Riser

OFF: (505) 325-5667



LAB: (505) 325-1556

On Site Technologies, LTD.

Date: 29-May-98

CLIENT: PNM - Public Service Company of NM

Project: Landfarm Composites

Lab Order: 9805071

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: 29-May-98

Client: PNM - Public Service Company of NM
Work Order: 9805071
Lab ID: 9805071-07A **Matrix:** SOIL
Project: Landfarm Composites

Client Sample Info: Kutz J#2 Drip Landfarm
Client Sample ID: 9805210830
Collection Date: 5/21/98 8:30:00 AM
COC Record: 5221

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015				Analyst: DC
T/R Hydrocarbons: C10-C28	78	25		mg/Kg	1	5/27/98

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

1 of 1

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ANALYST: J. J. GLENNON / J. J. GLENNON / J. J. GLENNON