

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

RECEIVED
JUL 31 1998

OIL CON. DIV.
DIST. 3

PIT REMEDIATION AND CLOSURE REPORT

Operator: PNM Gas Services (Cross Timbers) Telephone: 324-3764

Address: 603 W. Elm Street Farmington, NM 87401

Facility or Well Name: R.P. Hargrave F #2

Location: Unit L Sec 16 T 27 N R 10 W County San Juan

Pit Type: Separator ☒ Dehydrator ☐ Other ☐

Land Type: BLM ☒ State ☐ Fee ☐ Other ☐ No ☐

Pit Location: Pit dimensions: length 25 width 25 depth 3

(Attach diagram) Reference: wellhead ☒ other ☐

Footage from reference: 56'

Direction from reference: 70 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) 20

(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): 20

Date Remediation Started: 4/30/98 Date Completed: 4/30/98Remediation Method: Excavation X Approx. Cubic Yard 14

(Check all appropriate sections)

Landfarmed X Amount Landfarmed (cubic yds) 14

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 8' X 8' X 6' 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 6'Sample date 4/30/98 Sample time 11:30:00 AM

Sample Results

Benzene (ppm) < 0.0010Total BTEX (ppm) < 0.0070

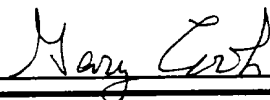
Field headspace (ppm) _____

TPH (ppm) 36.00 Method 8015Vertical 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

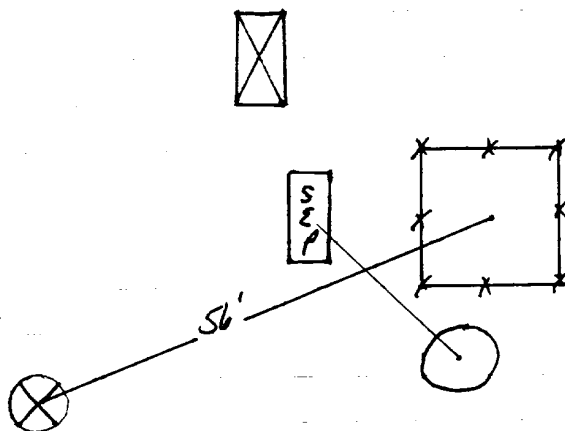
SIGNATURE

PRINTED NAME Gary Cook
AND TITLE Environmental Technician III

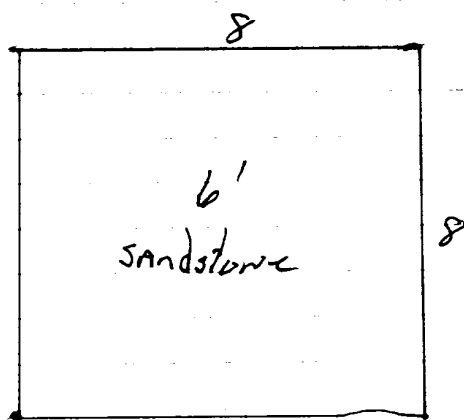
H. P. Hargrave F#2
Cross Timbers
Sec 16, 27 N, 10 W, E

4/30/98

start of excavation:



End of excavation:



OFF: (505) 325-5667



ON SITE

LAB: (505) 325-1556

TECHNOLOGIES, LTD.

On Site Technologies, LTD.

Date: 15-May-98

CLIENT: PNM - Public Service Company of NM

Project: H.P. Hargrave F#2

Lab Order: 9805002

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: 15-May-98

Client: PNM - Public Service Company of NM
Work Order: 9805002
Lab ID: 9805002-01A **Matrix:** SOIL
Project: H.P. Hargrave F#2

Client Sample Info: H.P. Hargrave F#2
Client Sample ID: 9804301130: Bottom @ 6ft.
Collection Date: 4/30/98 11:30:00 AM
COC Record: 7126

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015				Analyst: HR
T/R Hydrocarbons: C10-C28	36	25		mg/Kg	1	5/13/98
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

7
0.0070 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

Surrogate

1 of 1

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- SERVING THE PLANNING INDUSTRY WITH THE BEST ANALYSIS -

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 15-May-98

Client: PNM - Public Service Company of NM
Work Order: 9805002
Lab ID: 9805002-02A **Matrix:** SOIL
Project: H.P. Hargrave F#2

Client Sample Info: H.P. Hargrave F#2
Client Sample ID: 9804301135; Walls @ 3ft.
Collection Date: 4/30/98 11:35:00 AM
COC Record: 7126

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015				Analyst: HR
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	5/13/98
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

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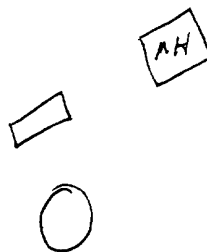
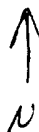
Surr: - Surrogate

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- TECHNIQUE: BLENDING IN-GRADE WITH THE CLIENT'S METHOD -

R. P. Hangrave F#2
 (L) 16-27N-10W
 Cross Timbers
 San Juan County
 Lab Sample # 19805280745
 Field head space 0 ppm



4" - 8"

K 4"	K 6"	K 8"
0 ppm	0 ppm	0 ppm
	8" X	
	0 ppm	
6" X	6" X	K 4"
0 ppm	0 ppm	0 ppm
4" X	6" X	4"
0 ppm	0 ppm	0 ppm

OFF: (505) 325-5667

ON SITE

LAB: (505) 325-1556

TECHNOLOGIES, LTD.

On Site Technologies, LTD.

Date: 03-Jun-98

CLIENT: PNM - Public Service Company of NM

Project: Landfarm Compositess

Lab Order: 9805082

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: 03-Jun-98

Client: PNM - Public Service Company of NM
Work Order: 9805082
Lab ID: 9805082-01A **Matrix:** SOIL
Project: Landfarm Compositess

Client Sample Info: R.P. Hargrave F #2
Client Sample ID: 9805280745; Landfarm
Collection Date: 5/28/98 7:45:00 AM
COC Record: 5223

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015				Analyst: HR
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	6/1/98

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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