

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

OIL CONSERVATION DIVISION

2040 South Pacheco Street
Santa Fe, New Mexico 87505

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

PIT REMEDIATION AND CLOSURE REPORT

OK
NOV - 1 1993
OIL CONSERVATION DIVISION
DIST. 3

Operator: PNM Gas Services (Burlington) Telephone: 324-3764

Address: 603 W. Elm Street Farmington, NM 87401

Facility or Well Name: Dusenberry #2A

Location: Unit G Sec 1 T 31 N R 12 W County San Juan

Pit Type: Separator ☐ Dehydrator ☒ Other ☐

Land Type: BLM ☐ State ☐ Fee ☒ Other ☐

Pit Location: Pit dimensions: length 20 ' width 20 ' depth 3 '

(Attach diagram) Reference: wellhead ☒ other ☐

Footage from reference: 90'

Direction from reference: 85 Degrees ☐ East ☒ North ☐ South ☒ West

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

Dusenberry #2A

Date Remediation Started: 05/12/1999

Date Completed: 05/12/1999

Remediation Method:

Excavation

☒

Approx. Cubic Yard

581

(Check all appropriate sections)

Landfarmed

☒

Amount Landfarmed (cubic yds)

531

Other

50 cu. yds. overburden.

Remediation Location:

Onsite

☒

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 28' X 28' X 20' 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

5 pt. composite - bottom.

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

Sample depth

20'

Sample date

05/12/1999

Sample time

3:15:00 PM

Sample Results

Benzene (ppm) < 0.05

Total BTEX (ppm) 3.72

Field headspace (ppm)

TPH (ppm)

97.00

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 October 28, 1999

SIGNATURE

Maureen Gannon

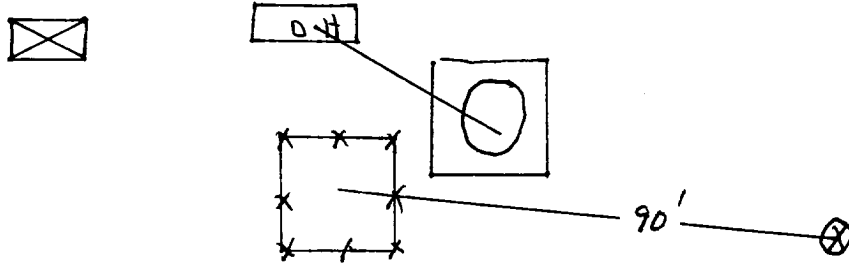
PRINTED NAME Maureen Gannon
AND TITLE Project Manager

Dusenberry # 2A
Burlington
Sec. 1, 31N, 12W, 6

5/12/99

↑
N

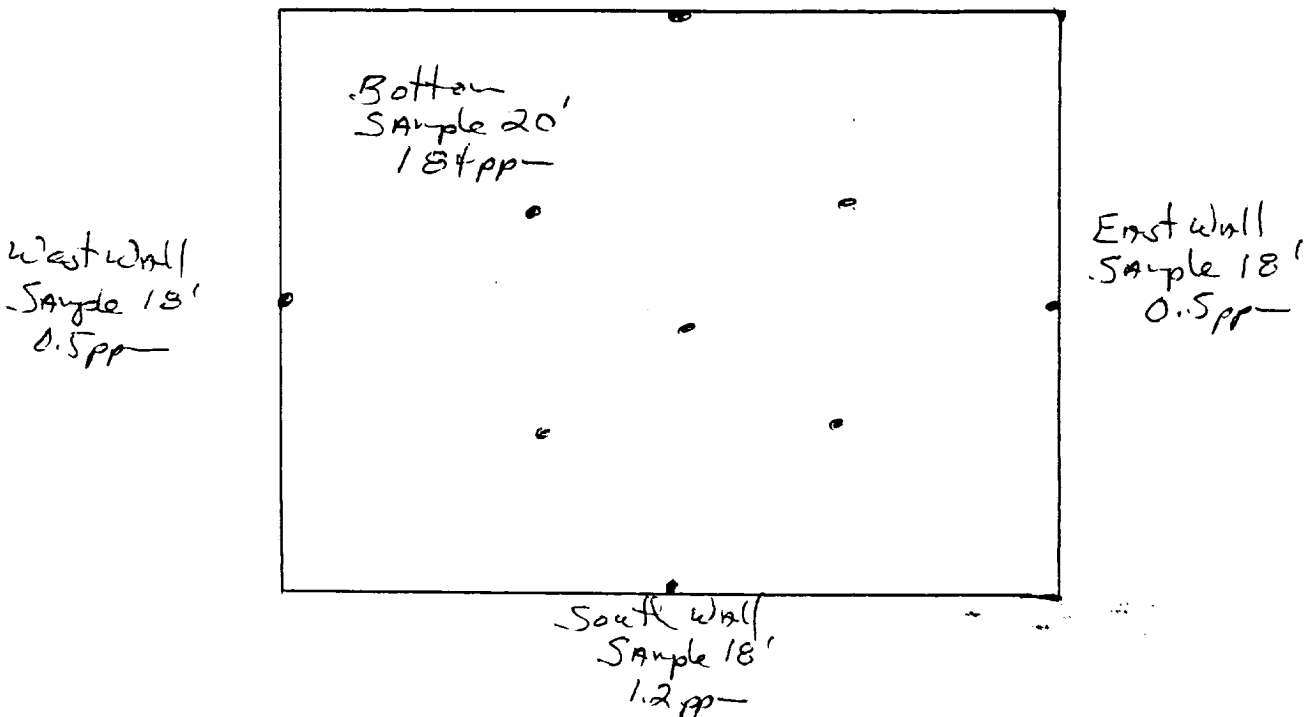
Site diagram:



End of excavation:

North Wall
Sample 18'
29.3 ppm

25' x 25' x 20



Field Headspace: 25.7 ppm (Walls)

not to scale

OFF: (505) 325-5667



LAB: (505) 325-1556

On Site Technologies, LTD.

Date: 26-May-99

CLIENT: PNM - Public Service Company of NM
Project: Dusenberry 2A & 3E
Lab Order: 9905055

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.

Ron

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT**Date:** 26-May-99

Client:	PNM - Public Service Company of NM	Client Sample Info:	Dusenberry 2A
Work Order:	9905055	Client Sample ID:	9905121515; 5pt Bottom Comp
Lab ID:	9905055-02A	Matrix:	SOIL
Project:	Dusenberry 2A & 3E	Collection Date:	5/12/99 3:15:00 PM
		COC Record:	7480

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS						
	SW8015B					
T/R Hydrocarbons: C10-C28	97	25		mg/Kg	1	5/20/99
AROMATIC VOLATILES BY GC/PID						
	SW8021B					
Benzene	ND	50		µg/Kg	50	5/19/99
Toluene	ND	100		µg/Kg	50	5/19/99
Ethylbenzene	450	50		µg/Kg	50	5/19/99
m,p-Xylene	2700	100		µg/Kg	50	5/19/99
o-Xylene	570	50		µg/Kg	50	5/19/99

3720
3.720 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

P.O. BOX 2606 • FARMINGTON, NM 87499

1 of 1

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 26-May-99

Client:	PNM - Public Service Company of NM	Client Sample Info:	Dusenberry 2A
Work Order:	9905055	Client Sample ID:	9905121510; 4pt Wall Comp
Lab ID:	9905055-01A	Matrix:	SOIL
Project:	Dusenberry 2A & 3E	Collection Date:	5/12/99 3:10:00 PM
		COC Record:	7480

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015B				Analyst: DC
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	5/20/99

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

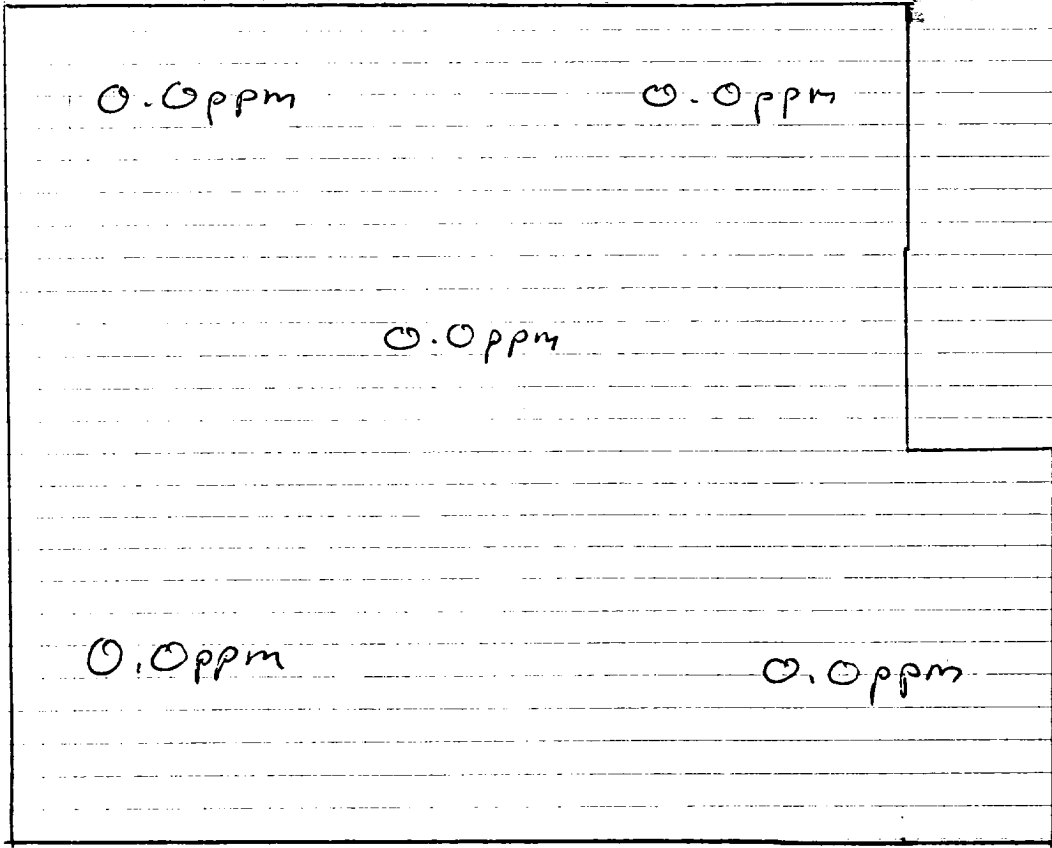
Surr: - Surrogate

1 of 1

Dusenberry #2A
Sec-1 T-31N R-12W 42 G
Burlington

Landfarm Drawing

App 581 cu yds



67'

Headspace 0.0 ppm
Sample # 990707 0842

well
head



Not to Scale

OFF: (505) 325-5667



LAB: (505) 325-1556

On Site Technologies, LTD.

Date: 22-Jul-99

CLIENT: PNM - Public Service Company of NM
Project: Dusenbery, Grenier & Horton LF
Lab Order: 9907013

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.

Ron

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 22-Jul-99

Client:	PNM - Public Service Company of NM	Client Sample Info:	Dusenbery 2A LF
Work Order:	9907013	Client Sample ID:	9907070842; 5pt Comp
Lab ID:	9907013-01A	Matrix:	SOIL
Project:	Dusenbery, Grenier & Horton LF	Collection Date:	7/7/99 8:42:00 AM
		COC Record:	7032

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015B				Analyst: DC
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	7/19/99

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