

District I
P.O. Box 1980, Hobbs, NM

District II
P.O. Drawer D, Hobbs, NM

District III
1000 Rio Brazos Rd., Las Cruces, NM

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

James E. Frost
DEPUTY OIL & GAS INSPECTOR

SEP 03 1999

PIT REMEDIATION AND CLOSURE REPORT

RECEIVED
JUL 30 1999
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: Moore D #9 Drip

Location: Unit B Sec 27 T 32 N R 12 W County San Juan

Pit Type: Separator ☐ Dehydrator ☐ Other Drip

Land Type: BLM ☐ State ☐ Fee ☒ Other

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

(Attach diagram) Reference: wellhead ☒ other

Footage from reference: 15'

Direction from reference: 10 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

Moore D #9 Drip

Date Remediation Started: 04/19/1999

Date Completed: 04/19/1999

Remediation Method: Excavation x

Approx. Cubic Yard 222

(Check all appropriate sections)

Landfarmed x

Amount Landfarmed (cubic yds) 172

Other 50 cu yds overburden

Remediation Location:

Onsite

Right of way.

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 20' X 15' X 20' and landfarmed soil on pit right of way in 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

04/19/1999

Sample time

9:00:00 AM

Sample Results

Benzene (ppm) < 0.001

Total BTEX (ppm) 0.005

Field headspace (ppm)

TPH (ppm) < 25.00

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 July 27, 1999

SIGNATURE

Maureen Gannon

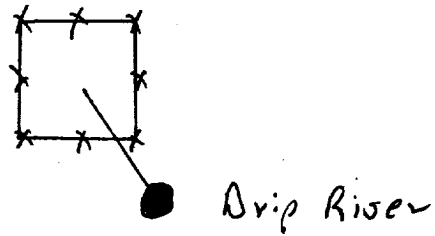
PRINTED NAME Maureen Gannon
AND TITLE Project Manager

Moore D # 9 Drip
WFS
Sec. 27, 32 N, 12 W, H

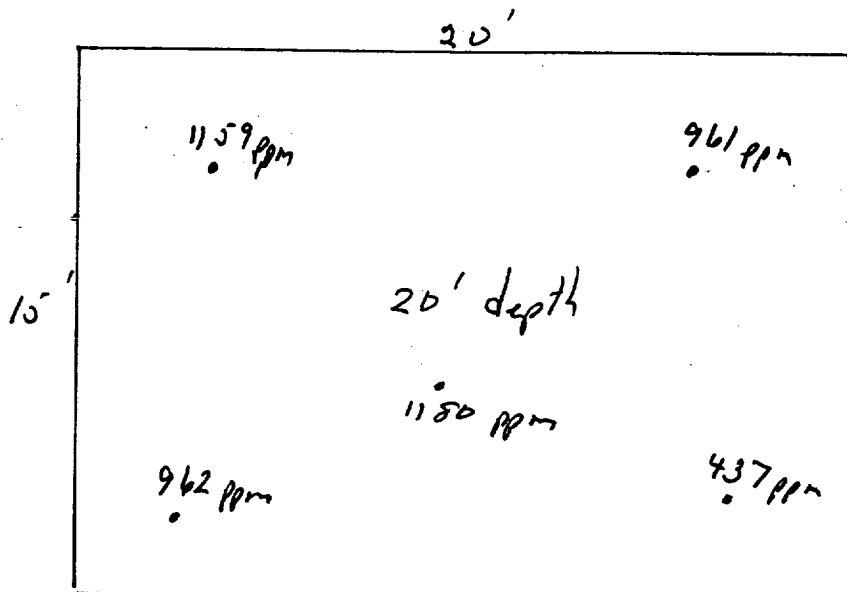
4/19/99

↑
N

site diagram:



End of excavation:



OFF: (505) 325-5667



LAB: (505) 325-1556

On Site Technologies, LTD.

Date: 04-May-99

CLIENT: PNM - Public Service Company of NM

Project: Moore D #9 Drip

Lab Order: 9904034

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: 04-May-99

Client:	PNM - Public Service Company of NM	Client Sample Info:	Moore D #9 Drip
Work Order:	9904034	Client Sample ID:	9904190900; Bottom @ 20ft
Lab ID:	9904034-01A	Matrix:	SOIL
Project:	Moore D #9 Drip	Collection Date:	4/19/99 9:00:00 AM
		COC Record:	7566

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS						
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	4/29/99
AROMATIC VOLATILES BY GC/PID						
Benzene	ND	1		µg/Kg	1	4/22/99
Toluene	ND	2		µg/Kg	1	4/22/99
Ethylbenzene	ND	1		µg/Kg	1	4/22/99
m,p-Xylene	2.7	2		µg/Kg	1	4/22/99
o-Xylene	2.6	1		µg/Kg	1	4/22/99

5.3
0.0053 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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ANALYTICAL REPORT

Date: 04-May-99

Client:	PNM - Public Service Company of NM	Client Sample Info:	Moore D #9 Drip
Work Order:	9904034	Client Sample ID:	9904190905; Walls @ 15ft
Lab ID:	9904034-02A	Matrix:	SOIL
Project:	Moore D #9 Drip	Collection Date:	4/19/99 9:05:00 AM
		COC Record:	7566

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS						
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	4/29/99
AROMATIC VOLATILES BY GC/PID						
Benzene	ND	1		µg/Kg	1	4/22/99
Toluene	ND	2		µg/Kg	1	4/22/99
Ethylbenzene	1.5	1		µg/Kg	1	4/22/99
m,p-Xylene	5.5	2		µg/Kg	1	4/22/99
o-Xylene	1.1	1		µg/Kg	1	4/22/99

8.1
 .0081 ppm

Qualifiers:

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S - Spike Recovery outside accepted recovery limits

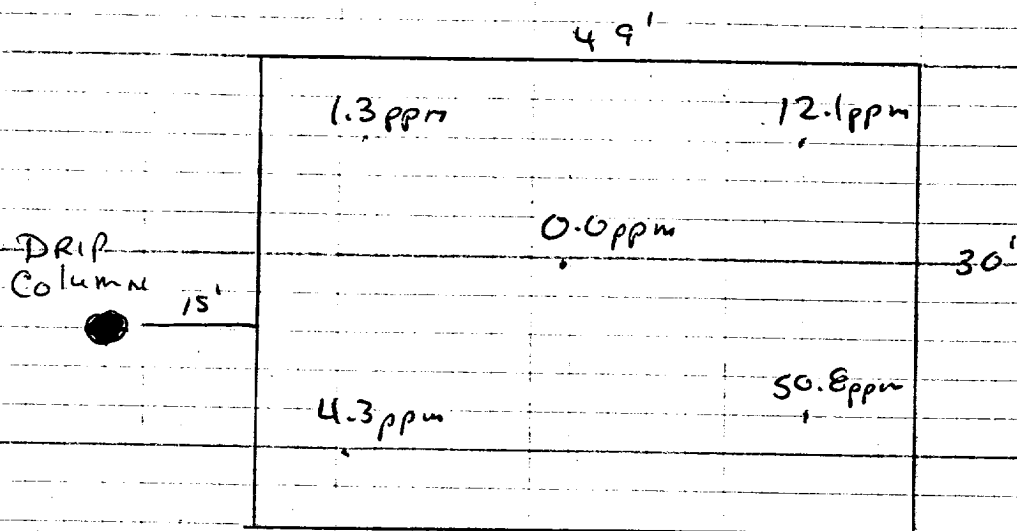
R - RPD outside accepted recovery limits

E - Value above quantitation range

Surr: - Surrogate

THUOUE D T DRIY
SEC-27 T-32N R-12W UG-H
WFS

Landform Drawing Right of way
on location App 172 cu yds



2" to 12" Depth

Headspace Reading 26.7 ppm
Sample # 9905190931

Not to Scale

OFF: (505) 325-5667



LAB: (505) 325-1556

On Site Technologies, LTD.

Date: 27-May-99

CLIENT: PNM - Public Service Company of NM
Project: C.M./Moore/Montoya LF
Lab Order: 9905066

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: 27-May-99

Client:	PNM - Public Service Company of NM	Client Sample Info:	Moore D #9 Drip LF
Work Order:	9905066	Client Sample ID:	9905190931; 5pt Comp
Lab ID:	9905066-03A	Matrix:	SOIL
Project:	C.M./Moore/Montoya LF	Collection Date:	5/19/99 9:31:00 AM
		COC Record:	7620

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

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

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