

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

195K-bevax

RECEIVED
NOV - 1 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: Aztec SRC #8 Drip

Location: Unit D Sec 14 T 28 N R 11 W County San Juan

Pit Type: Separator ☐ Dehydrator ☐ Other Drip

Land Type: BLM ☒ State ☐ Fee ☐ Other

Pit Location: Pit dimensions: length 10' width 10' depth 2'

(Attach diagram) Reference: wellhead ☒ other

Footage from reference: 114'

Direction from reference: 45 Degrees ☐ East North ☐
of ☒ West South ☒

Depth to Ground Water:

(Vertical distance from contaminants to
seasonal high water elevation of ground
water)

Less than 50 feet	(20 points)	
50 feet to 99 feet	(10 points)	
Greater than 100 feet	(0 points)	<u>20</u>

Wellhead Protection Area:

(Less than 200 feet from a private
domestic water source, or, less than 1,000
feet from all other water sources)

Yes	(20 points)	
No	(0 points)	<u>0</u>

Distance to Surface Water:

(Horizontal distance to perennial lakes,
ponds, rivers, streams, creeks, irrigation
canals and ditches)

Less than 200 feet	(20 points)	
200 feet to 1,000 feet	(10 points)	
Greater than 1,000 feet	(0 points)	<u>0</u>

RANKING SCORE (TOTAL POINTS): 20

Date Remediation Started: 06/28/1999

Date Completed: 06/28/1999

Remediation Method:

Excavation

☒

Approx. Cubic Yard

141

(Check all appropriate sections)

Landfarmed

☒

Amount Landfarmed (cubic yds)

100

Other

41 cu yds of clean 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 pit size of 23' X 17' X 7' 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.

*** Hard sandstone encountered at 7'. See attached risk analysis form.

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

7'

Sample date

06/28/1999

Sample time

3:03:00 PM

Sample Results

Benzene (ppm)

3.3

Total BTEX (ppm)

137.9***

Field headspace (ppm)

39.0

TPH (ppm)

940.00***

Method

8015B

Vertical Extent (ft)

Risk Analysis form attached Yes

☒

No

☐

Ground Water Sample:

Yes

☐

No

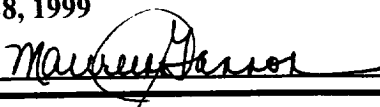
☒

(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

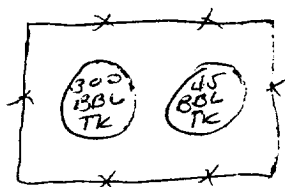
DATE October 28, 1999

SIGNATURE

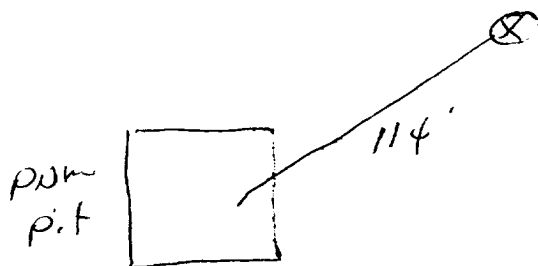
PRINTED NAME Maureen Gannon
AND TITLE Project Manager

1/21/00 SRC 0000
Sec 14 T28N R11W Unit D
WFS

Site Drawing



SEP



Excavation Drawing

North Wall
Sample 6'
9.2 ppm

23' x 17' x 7'

Bottom
Sample 7'
862 ppm
Rock

West Wall
Sample 6'
13.8 ppm

RAD
East
~~South~~ Wall
Sample 6'
6.1 ppm

South Wall
Sample 6'
7.4 ppm

Field Headspace: 39.0 (walls)

OFF: (505) 325-5667



LAB: (505) 325-1556

On Site Technologies, LTD.

Date: 15-Jul-99

CLIENT: PNM - Public Service Company of NM
Project: PNM Pit Remediation
Lab Order: 9906077

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-Jul-99

Client:	PNM - Public Service Company of NM	Client Sample Info:	Aztec SRC 8 Drip
Work Order:	9906077	Client Sample ID:	9906281503; 5pt. Bottom Comp
Lab ID:	9906077-09A	Matrix:	SOIL
Project:	PNM Pit Remediation	Collection Date:	6/28/99 3:03:00 PM
		COC Record:	7482

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015B				Analyst: DC
T/R Hydrocarbons: C10-C28	940	25		mg/Kg	1	7/9/99
AROMATIC VOLATILES BY GC/PID		SW8021B				Analyst: DC
Benzene	3300	500		µg/Kg	500	6/30/99
Toluene	32000	1000		µg/Kg	500	6/30/99
Ethylbenzene	6600	500		µg/Kg	500	6/30/99
m,p-Xylene	81000	1000		µg/Kg	500	6/30/99
o-Xylene	15000	500		µg/Kg	500	6/30/99

137900
13790 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

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 15-Jul-99

Client:	PNM - Public Service Company of NM	Client Sample Info:	Aztec SRC 8 Drip
Work Order:	9906077	Client Sample ID:	9906281500; 4pt. Wall Comp
Lab ID:	9906077-08A	Matrix:	SOIL
Project:	PNM Pit Remediation	Collection Date:	6/28/99 3:00:00 PM
		COC Record:	7482

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015B				Analyst: DC
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	7/9/99

Qualifiers:

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1 of 1

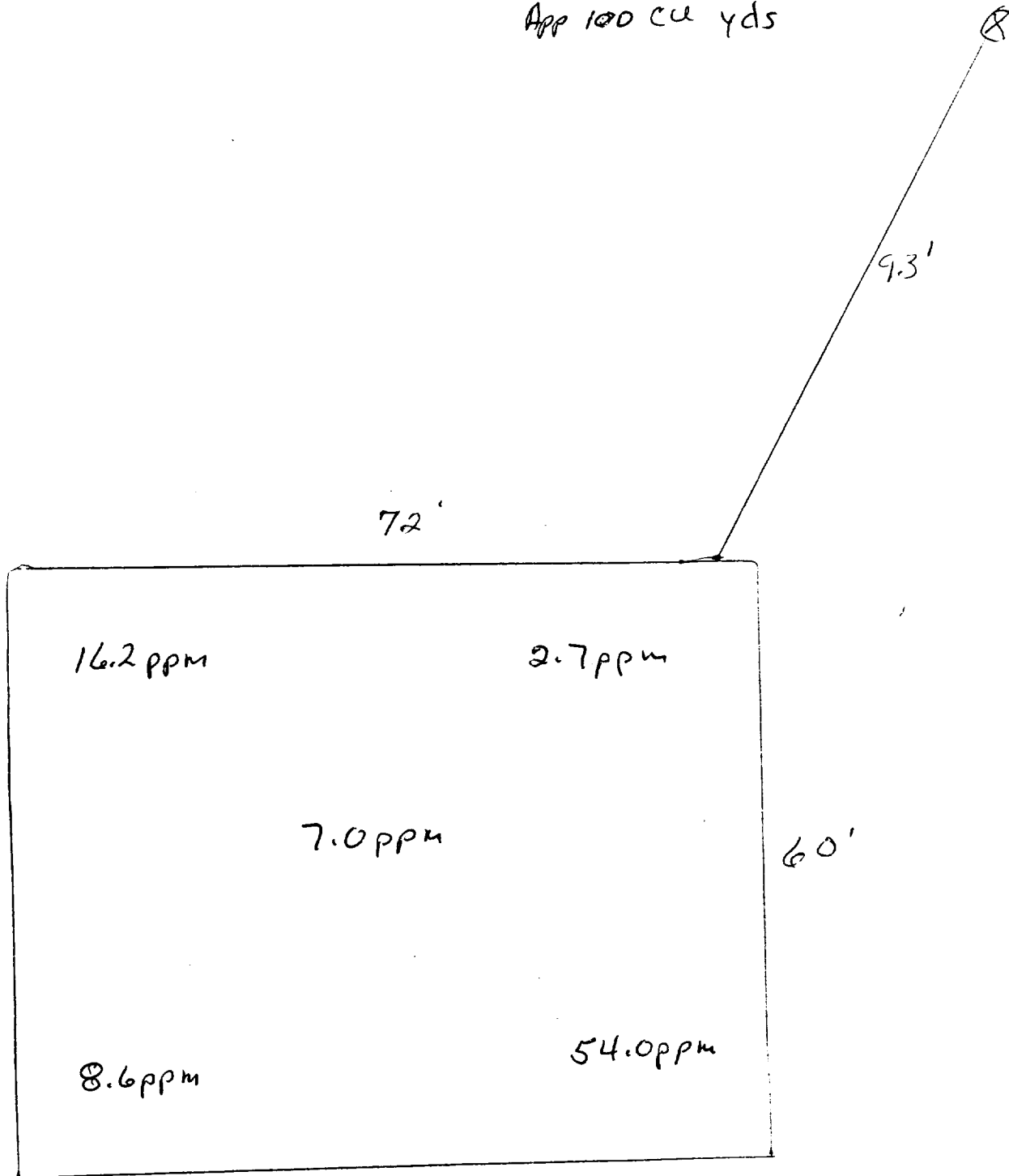
P.O. BOX 2606 • FARMINGTON, NM 87499

Telephone: (505) 325-5667 • Fax: (505) 325-1556 • E-Mail: info@onsite-tech.com

112100000 Day
Sec 14 T28N R11W Unit D
WFS

Landform Drawing

App 100 cu yds



Headspace 19.2 ppm
Sample # 9907281010

Not to Scale

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 04-Aug-99

Client:	PNM - Public Service Company of NM	Client Sample Info:	Aztec SRC 8 Drip LF
Work Order:	9907063	Client Sample ID:	9907281010; 5pt. Composite
Lab ID:	9907063-01A	Matrix:	SOIL
Project:	PNM Pit Remediation Landfarms	Collection Date:	7/28/99 10:10:00 AM
		COC Record:	7738

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015B				Analyst: DC
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	8/3/99

Qualifiers:

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ND - Not Detected at Practical Quantitation Limit

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R - RPD outside accepted recovery limits

E - Value above quantitation range

Surr: - Surrogate

1 of 1

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- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -