

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

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APPROPRIATE
DISTRICT OFFICE
AND COUNTY
SANTA FE OFFICE

OK
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OIL CON. DIV.
DIST. 3

PIT REMEDIATION AND CLOSURE REPORT

Operator: PNM Gas Services (Burlington)		Telephone: 324-3764	
Address: 603 W. Elm Street Farmington, NM 87401			
Facility or Well Name: Hanks #12Y			
Location:	Unit <u>H</u>	Sec <u>7</u>	T <u>27 N</u> R <u>9 W</u> County <u>San Juan</u>
Pit Type:	Separator <input type="checkbox"/>	Dehydrator <input checked="" type="checkbox"/>	Other _____
Land Type:	BLM <input checked="" type="checkbox"/>	State <input type="checkbox"/>	Fee <input type="checkbox"/> Other _____
Pit Location:	Pit dimensions: length <u>18</u> ' width <u>18</u> ' depth <u>3</u> '		
(Attach diagram)	Reference: wellhead <input checked="" type="checkbox"/> other _____		
	Footage from reference: <u>45</u> ' _____		
	Direction from reference: <u>50</u> Degrees <input checked="" type="checkbox"/> East <input type="checkbox"/> West of North <input type="checkbox"/> South <input checked="" type="checkbox"/>		
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>0</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):			<u>0</u>

Hanks #12Y

Date Remediation Started: 07/14/1999

Date Completed: 07/14/1999

Remediation Method:

Excavation ☒

Approx. Cubic Yard 284

(Check all appropriate sections)

Landfarmed ☒

Amount Landfarmed (cubic yds) 250

Other 34 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 29' X 24' X 11' 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 11'

Sample date 07/14/1999

Sample time 10:45:00 AM

Sample Results

Benzene (ppm) < 0.1

Total BTEX (ppm) 9.9

Field headspace (ppm)

TPH (ppm) 35.00

Method 8015B

Vertical Extent (ft)

Risk Analysis form attached Yes ☐ No ☒

Ground Water Sample:

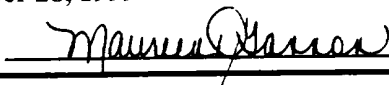
Yes ☐No ☒

(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

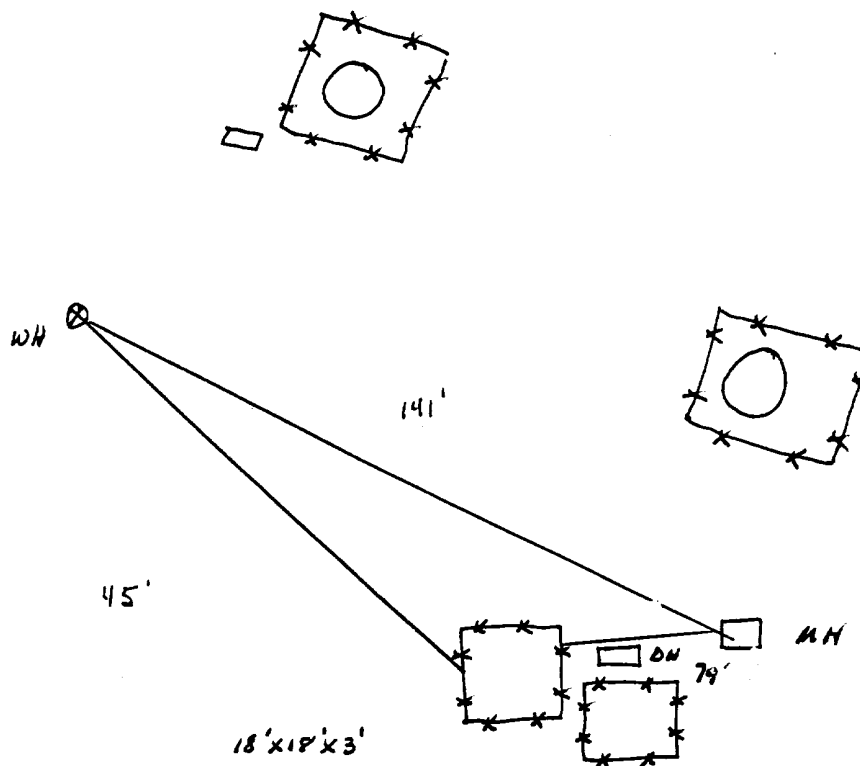
SIGNATURE



PRINTED NAME Maureen Gannon
AND TITLE Project Manager

Hanks 12V
 (H) 7-27N-9W
 Burlington
 7-14-99 @ 0715
 50° E of S

N
 N

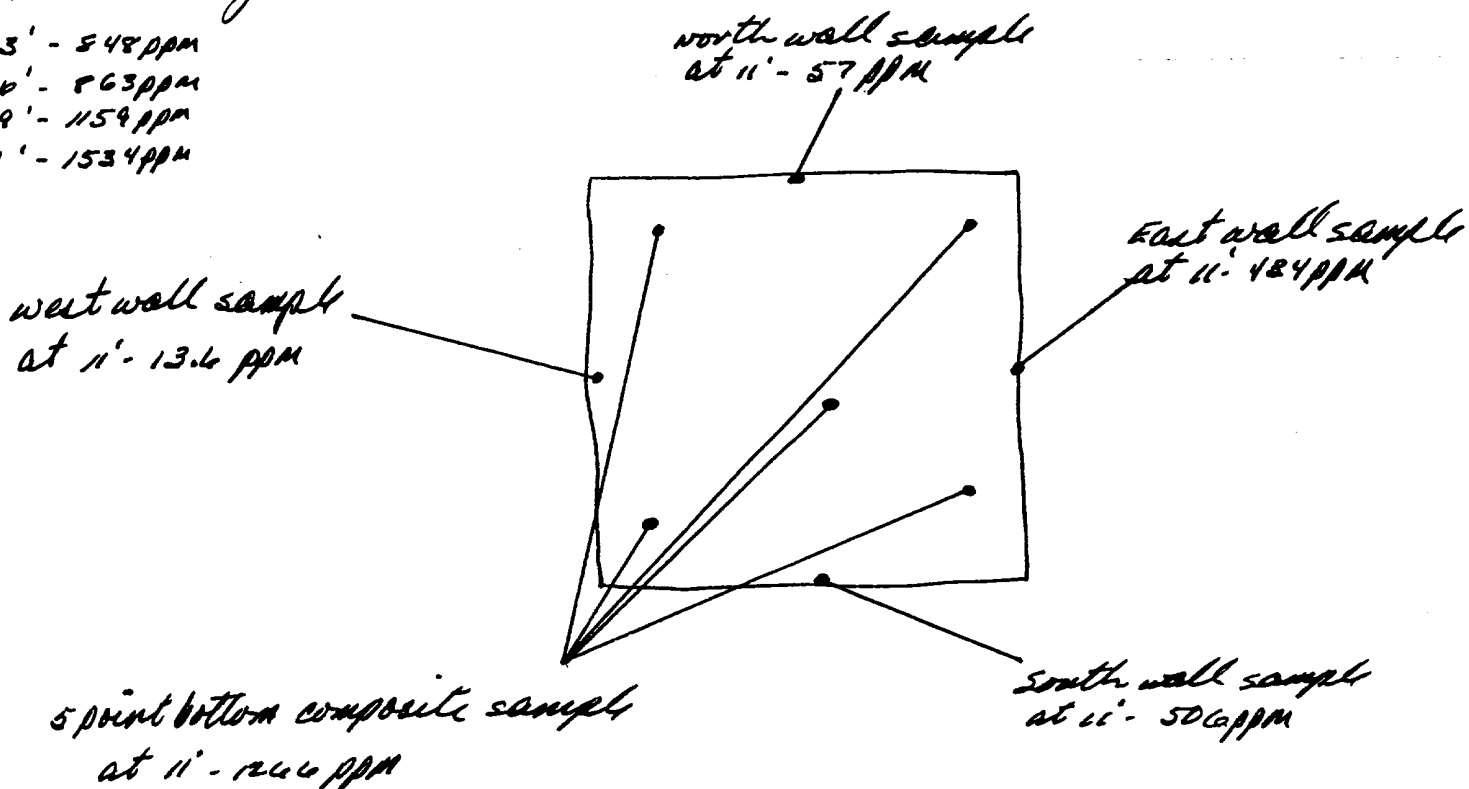


Excavation Sampling

PID Readings

3' - 548 ppm
 6' - 863 ppm
 9' - 1154 ppm
 11' - 1534 ppm

29' (N+S) x 24' (E+W) x 11' (D)
 Field headspace: 458 L (walks)



not to seal

OFF: (505) 325-5667



LAB: (505) 325-1556

On Site Technologies, LTD.

Date: 30-Jul-99

CLIENT: PNM - Public Service Company of NM
Project: Hanks 12Y, Whitley 5 Drip & Whitley 5
Lab Order: 9907035

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: 30-Jul-99

Client:	PNM - Public Service Company of NM	Client Sample Info:	Hanks 12Y
Work Order:	9907035	Client Sample ID:	9907141045; 5pt Bottom comp
Lab ID:	9907035-01A	Matrix:	SOIL
Project:	Hanks 12Y, Whitley 5 Drip & Whitley 5	Collection Date:	7/14/99 10:45:00 AM
		COC Record:	7649

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015B				Analyst: DC
T/R Hydrocarbons: C10-C28	35	25		mg/Kg	1	7/28/99
AROMATIC VOLATILES BY GC/PID		SW8021B				Analyst: DM
Benzene	ND	100		µg/Kg	100	7/19/99
Toluene	1100	200		µg/Kg	100	7/19/99
Ethylbenzene	500	100		µg/Kg	100	7/19/99
m,p-Xylene	6600	200		µg/Kg	100	7/19/99
o-Xylene	1700	100		µg/Kg	100	7/19/99

9900
9.90 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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OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 30-Jul-99

Client:	PNM - Public Service Company of NM	Client Sample Info:	Hanks 12Y
Work Order:	9907035	Client Sample ID:	9907141050; 4 Wall Comp
Lab ID:	9907035-02A	Matrix:	SOIL
Project:	Hanks 12Y, Whitley 5 Drip & Whitley 5	Collection Date:	7/14/99 10:50:00 AM
		COC Record:	7649

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015B				Analyst: DC
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	7/28/99

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

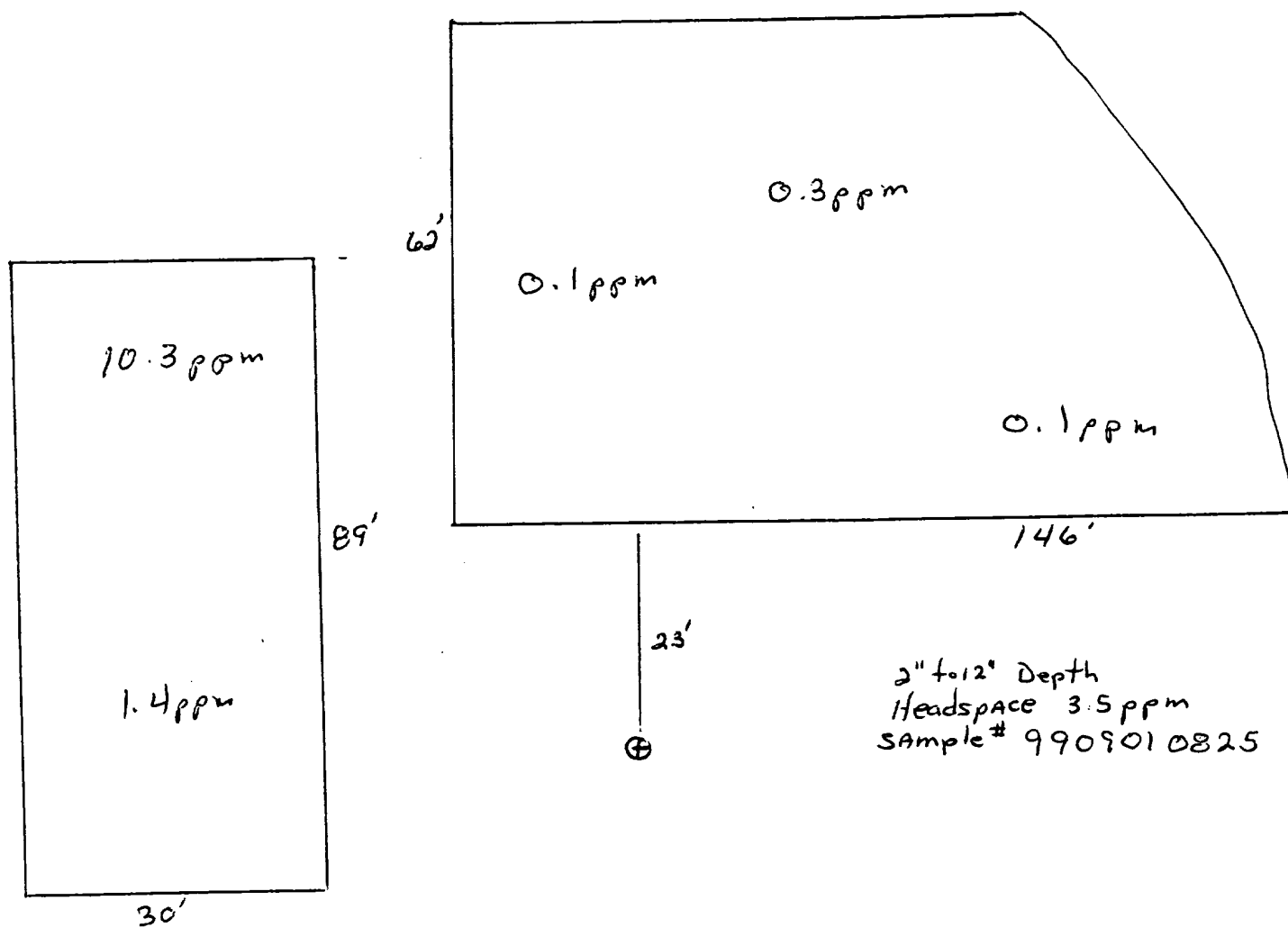
1 of 1

P.O. BOX 2606 • FARMINGTON, NM 87499

HANKS 12Y
Sec-7 T-27N R-9W UL-H
Burlington

Landfarm Drawing

App 250 cu. yds



ON SITE

OFF: (505) 325-5667

LAB: (505) 325-1556

TECHNOLOGIES, LTD.

On Site Technologies, LTD.

Date: 15-Sep-99

CLIENT: PNM - Public Service Company of NM

Project: Hanks & Whitley Landfarms

Lab Order: 9909004

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-Sep-99

Client:	PNM - Public Service Company of NM	Client Sample Info:	Hanks #12Y LF
Work Order:	9909004	Client Sample ID:	9909010825; 5pt Composite
Lab ID:	9909004-02A	Matrix:	SOIL
Project:	Hanks & Whitley Landfarms	Collection Date:	9/1/99 8:25:00 AM
		COC Record:	7655

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015B				Analyst: HR
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	9/8/99

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