

LOCATION: LONGCO REDFERN SE (0-9-28-11)

RCRA EXEMPT WASTES:

Yes ☒ No ☐

PIT TYPE: DHP

E FLOW TO PIT STOPPED: 8-23-94 - (NO REPLACEMENT)

ACREAGE

TYPE:

☒ FEDERAL

☐ JICARILLA

☐ NAVAHO

DEPUTY OIL & GAS INSPECTOR

☐ STATE

☐ FEDERAL

SITE ASSESSMENT

Ranking Score

1) Groundwater Depth: 50-99'

Basis: LOCATION ELEVATION VS. WASH ELEVATION

10

2) Wellhead Protection Area:

Distance To

Water Sources: >1000' Private Domestic Water Sources: >200'

Basis: DISTANCE to H2O SOURCES

0

3) Distance To Surface Body of Water: >1000' Horiz.

Basis: DISTANCE to RIVER

0

Total Score:

10

Soil Characteristic

☐ Highly Contaminated/Saturated

☒ Unsaturated Contaminated

KING CRITERIA

GUIDELINE REMEDIATION LEVELS

Depth to Groundwater	Wellhead Protection Area	Distance to Surface Water Body
	<1000' from water source or < 200' from private domestic water source	
Score	Score	Rank
<50 ft 20	yes 20	<200' horiz 20
<50 - 99 10	no 0	200 - 1000' horiz 10
>100 ft 0		>1000' horiz. 0

Total Ranking Score			
	>19	10-19	0-9
Benzene (ppm)	10	10	10
BTEX (ppm)	50	50	50
Field Headspace			
Method for BTEX	100	100	100
TPH (ppm) **	100	1,000	5,000

** Concentration above background

DEFINITION OF CONTAMINATION

Date: 8/23/94

Depth Excavated: 8/23/94 12'

Full Excavation: ☐ Maximum Extent Practicable

ALL SAMPLE RESULTS ARE SHOWN ON "SAMPLE RESULTS NOTES" FORM

Groundwater Encountered: Yes ☐ No ☒

If yes, approximate depth: _____

Groundwater Sampling? ☐ Yes ☒ No

Where was gw sample taken? _____

Attach GW Sample Results

NOTES:

Soil Treated Onsite

Date Remediation Started: 7/23/94☐ In Situ Bio☐ w/vapor venting☒ Landfarmed☐ Composted

Date: <u>8/24/94</u>	Description	Amount/Rate	Date:	Description	Amount/Rate
	Thin SPREAD 213 cu yds				
Nutrients	34% Ammonia Nitrogen	40#			
Moisture	(TILLED 8-26, 8-29, 9-6, 9-13, 9-19)				
Bulking Agent	(9-20, 9-21, 9-22, 9-23 & 9-26-94)				
Organic Material					

Date:	Description	Amount/Rate	Date:	Description	Amount/Rate
Nutrients					
Moisture					
Bulking Agent					
Organic Material					

ALL SAMPLE RESULTS ARE SHOWN ON "SAMPLING RESULTS NOTES" FORM

SOIL TREATED/HANDLED OFFSITE

TO SITE (ATTACH MANIFEST)

Where Treated:

Type of Land (Fed/Nav/Jic/State/Fee):

Quantity Moved:

Quantity Disposed At Envirotech:

FROM SITE (ATTACH MANIFEST)

To This Location From:

Type of Land (Fed/Nav/Jic/State/Fee):

Quantity Moved:

FINAL CLOSUREBTEX: 15 ppm (From Headspace Analysis)TPH: ND ppm (From Lab Results)

Revegetated:

yes ☐no ☐

Active Well or Facility Pad:

yes ☒no ☐

NOTES: 8/23/94 - MOVED IN WITH BACKHOE, STARTED EXCAVATION, PULLED
TPH: DVA SAMPLES - BOTH HIGH. CONTINUED EXCAVATING & LANDFARMING BOTH
PITS THROUGH 8-25-94. EXCAVATED AREA 32'X15'X12', SOIL CLEAN @ 10'
TILLED LANDFARM 8-26, 8-29, 9-6, 9-13, 9-19, 9-20, 9-21, 9-22, 9-23 & 9-26-94
9-27-94 - PULLED DVA & TPH SAMPLE, ANALYSIS BELOW REQUIREMENTS.
9-30-94 - BACKFILLED & CLOSED PIT.

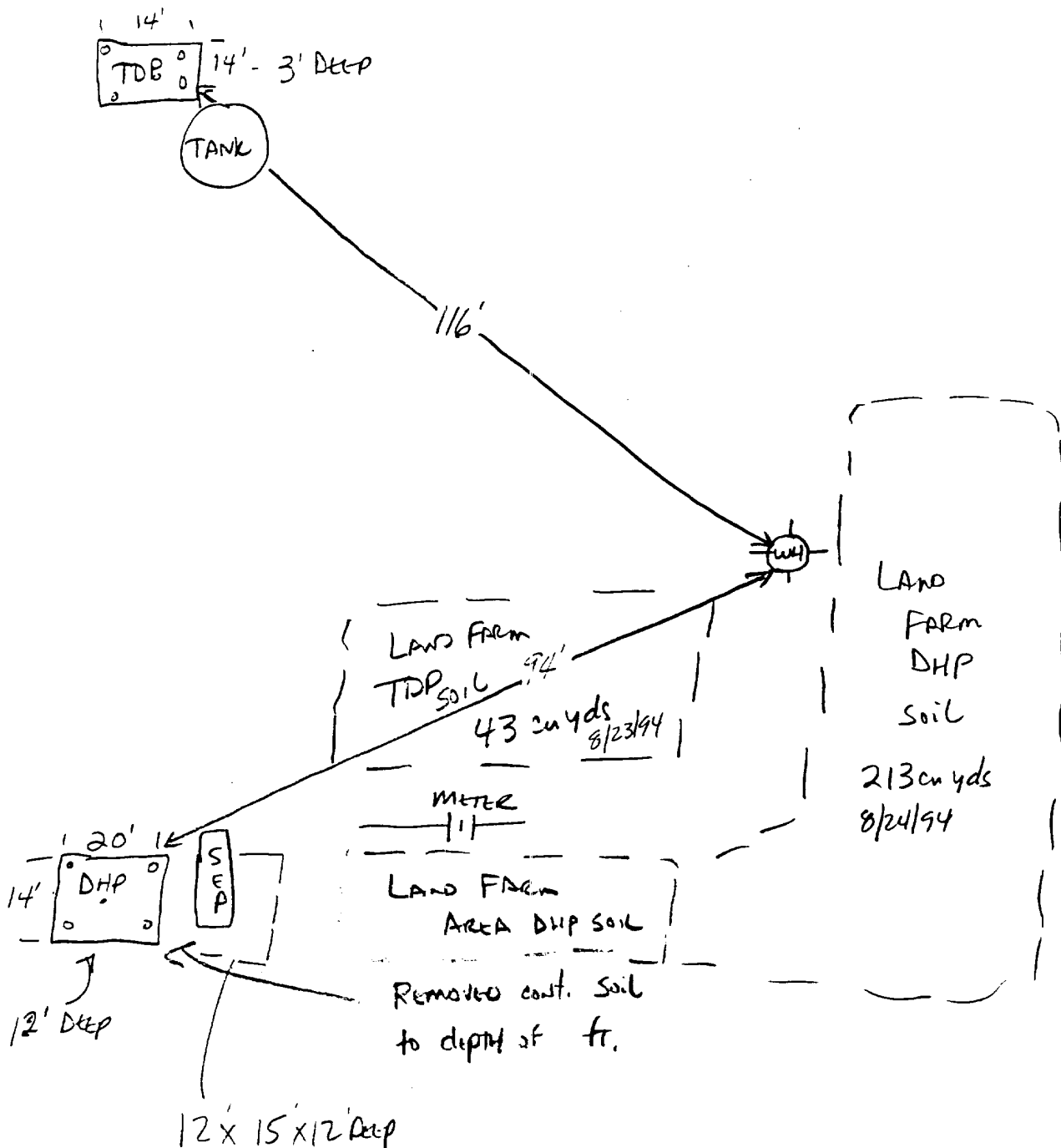
Copeco

WELL LOCATION: REDFERN SE S 9 T 28 NR 11 W UNIT 0

DATE STARTED: 8/23/94

DATE COMPLETED: _____

SAN JUAN COUNTY NM



DHP - 8/24/94 32' x 15' x 12' DEEP

213 Cu yds Soil Removed

- SOIL SAMPLE LOCATION
- △ BACKGROUND SAMPLE LOCATION

PIT CLOSURE DOCUMENTATION - SAMPLING RESULTS NOTES

LOCATION OF PIT

DHP

TYPE OF PIT:

Dehy/Step pit

DESCRIPTION OF SAMPLE	SAMPLE EVENT # 1	SAMPLE EVENT # 2	SAMPLE EVENT # 3	SAMPLE EVENT #	SAMPLE EVENT #	SAMPLE EVENT #	SAMPLE EVENT #	SAMPLE EVENT #
DATE OF SAMPLE	8/23/94	9-27-94	9-27-94					
LOCATION OF SAMPLE	DHP	DHP	DHP					
TYPE OF SAMPLE: (GRAB/COMPOSITE)	Comp	Comp	Comp					
DEPTH OF SAMPLE(S)	0-4'	LANDFARM AREA	10'					
TEMPERATURE OF SAMPLE	88°F	77°	72°					
FIELD METHOD RESULTS (PPMS)								
TPH VAPORS (EQUIV UNITS)	492 ppm	68	31					
BENZENE RESPONSE FACTOR	.47	.47	.47					
ADJUSTED FOR BENZENE EQUIV UNITS	231.24	32	15					
AB RESULTS IN PPM:								
METHOD (418.1 OR MOD 8019)	418.1	418.1	418.1					
TPH	50,000	780	ND					
NOTES	Don Ellsworth w/Blm 8/23/94 PHONE CON. TO STREET LAND FARM							