

LOCATION:

RED FERN 3 (N-10-28N-11W)

RCRA EXEMPT
WASTES:Yes ☒ No ☐

PIT TYPE:

TANK DRIP PIT

FLOW TO PIT STOPPED:

BEFORE 1991 - (NO REPLACEMENT OF PUMP)

DEPUTY OIL & GAS INSPECTOR

ACREAGE

TYPE:

☒ FEDERAL☐ JICARILLA☐ NAVAHO☐ STATE JUN 19 1995

SITE ASSESSMENT

Ranking Score

1) Groundwater Depth:

< 50'

Basis:

LOCATION ELEVATION VS. WRSW ELEVATION

20

2) Wellhead Protection Area:

Distance To

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

Basis:

DISTANCE FROM RESIDENCES & H2O SOURCES

0

3) Distance To Surface Body of Water:

> 1000' horiz.

Basis:

DISTANCE FROM LOCATION TO H2O SURFACE

0

Total Score:

20

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: 5/11/94

Depth Excavated:

NONE

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: _____

☐ In Situ Bio☐ w/vapor venting☐ Landfarmed☐ Composted

Date: _____	Description	Amount/Rate	Date: _____	Description	Amount/Rate
	Nutrients				
	Moisture				
	Bulking Agent				
	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 OFFSITETO 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: 1 ppm (From Headspace Analysis)TPH: 50 ppm (From Lab Results)

Revegetated:

yes ☐no ☐

Active Well or Facility Pad:

yes ☐no ☐

NOTES: 5-11-94 - PERFORMED ASSESSMENT ON TDP w/ BILL
LIES - BLM . DVM : TPH ANALYSIS BELOW REQUIREMENTS.
PREPARE TO CLOSE P.I.T.
- 28-94 - CLOSED & MOUNDED P.I.T

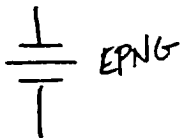
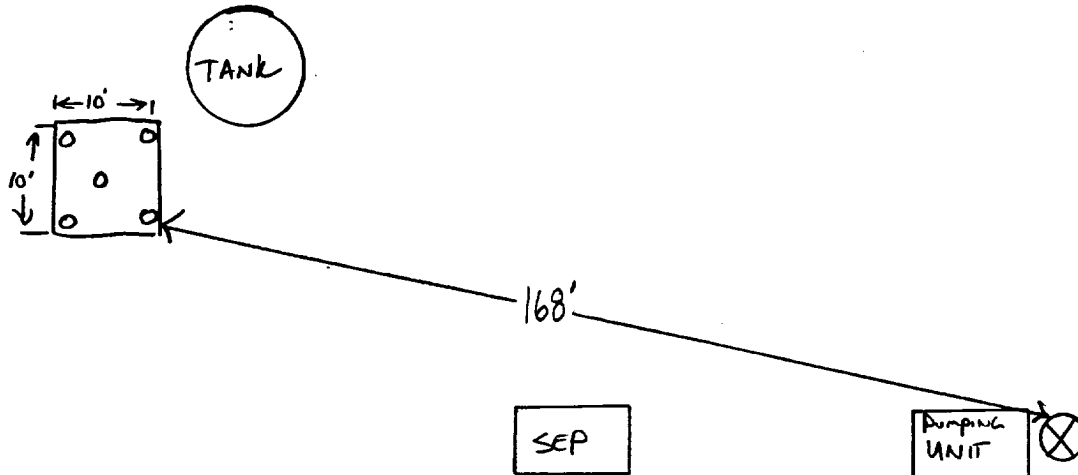
PIT LOCATION AND COMPOSITE SAMPLE PROFILE MAP

WELL LOCATION: Reofern S S 10 T 28 N R 11 W UNIT N

DATE STARTED: 5/11/94

DATE COMPLETED: _____

San Juan County



○ SOIL SAMPLE LOCATION

△ BACKGROUND SAMPLE LOCATION

PIT CLOSURE DOCUMENTATION - SAMPLING RESULTS NOTES

LOCATION OF PIT: Redfern 5 TYPE OF PIT: TDP

DESCRIPTION OF SAMPLE	SAMPLE EVENT #	SAMPLE EVENT #	SAMPLE EVENT #	SAMPLE EVENT #	SAMPLE EVENT #	SAMPLE EVENT #	SAMPLE EVENT #	SAMPLE EVENT #	SAMPLE EVENT #
DATE OF SAMPLE	5/11/94								
LOCATION OF SAMPLE	Tank pit								
TYPE OF SAMPLE: (GRAB/COMPOSITE)	5 pt. Comp								
DEPTH OF SAMPLE(S)	0-3'								
TEMPERATURE OF SAMPLE	62°F								
FIELD METHOD RESULTS (PPMS)									
TPH VAPORS (EQUIV UNITS)	3								
BENZENE RESPONSE FACTOR	.47								
ADJUSTED FOR BENZENE EQUIV UNITS	1								
LAB RESULTS IN PPM:									
METHOD (418.1 OR MOD 8016)	418.1								
TPH	50								
NOTES									

4026

TOTAL PETROLEUM HYDROCARBONS
EPA METHOD 418.1Conoco

Project: None Given
Matrix: Soil
Condition: Intact/Cool

Date Reported: 05/12/94
Date Sampled: 05/5-11/94
Date Received: 05/11/94
Date Extracted: 05/11/94
Date Analyzed: 05/11/94

Sample ID	Lab ID	Result (mg/kg)	Detection Limit
Redfern 5 Tank Drip	G00428	50.0	20
Suter 1X	G00429	940	20

ND - Analyte not detected at stated detection level.

References:

Method 418.1: Petroleum Hydrocarbons, Total Recoverable, USEPA Chemical Analysis of Water and Waste, 1978.

Method 3550: Ultrasonic Extraction of Non-Volatile and Semi-Volatile Organic Compounds from Solids, USEPA SW-846, Sept. 1986.

Analyst: *Justin Wood*

Reviewed: *mh*