

LOCATION:

COPACO
FEDERAL D #1 (F-34-30-11) ✓RCKA EXEMPT
WASTES:Yes ☒ No ☐

PIT TYPE:

SEP

TE FLOW TO PIT STOPPED:

1988

ACREAGE

TYPE:

☒ FEDERAL☐ JICARILLA☐ NAVAHODenny E. Faust
DEPT. OF ENVIRONMENT & GAS INSPECTOR

SITE ASSESSMENT

JUN 19 1995

Ranking Score

1) Groundwater Depth:

> 100'

Basis:

ELEVATED SUBSTANTIALLY ABOVE RIVER BASIN

0

2) Wellhead Protection Area:

Distance To

Water Sources:

> 1000'

Private Domestic Water Sources:

> 200'

Basis:

NO FRESH WTR EXTRACTION CLOSE BY

0

3) Distance To Surface Body of Water:

> 1000'

Basis:

ANIMAS RIVER APPROX 2-3 MILES NW

0

Total Score:

0

Soil Characteristic

☐ Highly Contaminated/Saturated

Unsaturated Contaminated

RANKING CRITERIA

GUIDELINE REMEDIATION LEVELS

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

Depth Excavated:

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:

A+A

10/5

REMEDATION PROFILE

Soil Treated Onsite ☐

Date Remediation Started: _____

☐ In Situ Bio

☐ w/vapor venting

☐ Landfarmed

☐ Composted

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

Date: _____	Description	Amount/Rate	Date: _____	Description	Amount/Rate
Tilled					
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 CLOSURE

BTEX: 1.9 ppm (From Headspace Analysis)

TPH: ND ppm (From Lab Results)

Revegetated:

yes ☐

no ☐

Active Well or Facility Pad:

yes ☐

no ☐

NOTES: 5-21-93 - Pulled Composite DGM Sample - 3-5' DEPTH

10-11-93 - CLOSED PIT & Dimpled.

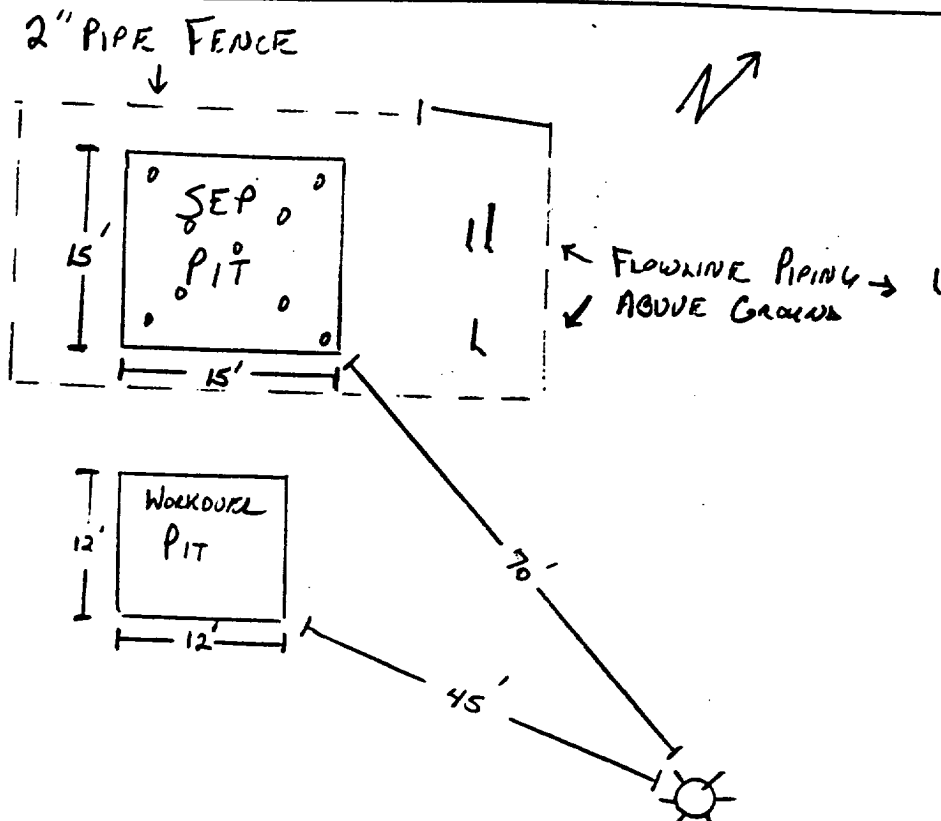
1-4-95 - Pulled Samples From SEP PIT AREA, Ran DGA, TPH Analysis,
100% BELOW REQUIREMENTS.

PIT LOCATION AND COMPOSITE SAMPLE PROFILE MAP

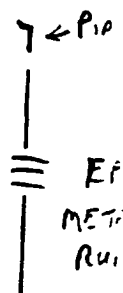
WELL LOCATION: FEDERAL D-1 S34 T30N R11W UNIT F

DATE STARTED: 5-21-93

DATE COMPLETED: 10-11-93



* REMOVE FENCE, SIGNS, PIPING



P10 - HEADSPACE ANAL ON COMPOSITE
SAMPLE = 147 PPM @ 77°

o SOIL SAMPLE LOCATION

A BACKGROUND SAMPLE LOCATION

3065

PIT CLOSURE DOCUMENTATION - SAMPLING RESULTS NOTES

LOCATION OF PIT		TYPE OF PIT:								
FEDERAL D-1		SEP								
DESCRIPTION OF SAMPLE	SAMPLE EVENT # 1	SAMPLE EVENT # 2	SAMPLE EVENT # 3	SAMPLE EVENT # 4	SAMPLE EVENT # 5	SAMPLE EVENT # 6	SAMPLE EVENT # 7	SAMPLE EVENT # 8	SAMPLE EVENT # 9	SAMPLE EVENT # 10
DATE OF SAMPLE	5-21-93	1-26-94	1-4-95							
LOCATION OF SAMPLE	SEP	SEP	SEP							
TYPE OF SAMPLE: (GRAB/COMPOSITE)	9 PT	10 MP	5 PT							
DEPTH OF SAMPLE(S)	3-5'	0-5'	0-5'							
TEMPERATURE OF SAMPLE	77°	64°	72°							
FIELD METHOD RESULTS (PPMS)										
TPH VAPORS (EQUIV UNITS)	147		34							
BENZENE RESPONSE FACTOR	147		147							
ADJUSTED FOR BENZENE EQUIV UNITS	69		16							
LAB RESULTS IN PPM:										
METHOD (418.1 OR MOD 8018)			418.1							
TPH			ND							
NOTES		LOCATION - P.A. pit closed	PULLED SAMPLE FOR TPH ANAL							

TOTAL PETROLEUM HYDROCARBONS
EPA METHOD 418.1Conoco Inc.Project: Soil TPH
Matrix: Soil
Condition: Intact/CoolDate Reported: 01/13/95
Date Sampled: 01/04/95
Date Received: 01/04/95
Date Extracted: 01/12/95
Date Analyzed: 01/12/95

Sample ID	Lab ID	Result (mg/kg)	Detection Limit
#5 Federal D-1 (SEP)	2466	ND	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, Rev. 1, July 1992.Analyst: Anna SchauerReviewed: Dauman