

LOCATION:

STATE Com H-4A (F-32-31-9W)

RCRA EXEMPT

WASTES:

Yes ☒No ☐

PIT TYPE:

SEP

FLOW TO PIT STOPPED:

SET FL PIT 6/94

ACREAGE

TYPE:

☐

FEDERAL

☐

JICARILLA

☐

NAVAHO

☒

STATE

JUN 11 9 1995

FREE

SITE ASSESSMENT

1) Groundwater Depth:

> 100'

Basis:

LOCATION SITS ON MESA

2) Wellhead Protection Area:

Distance To

Water Sources:

> 1000'

Private Domestic

Water Sources:

> 200'

Basis:

NO FRESH WTR. EXTRACTED IN VICINITY

0

3) Distance To Surface Body of Water:

> 1000'

Basis:

NO SURFACE WTR IN VICINITY

0

Total Score:

0

Soil Characteristic

PROD.

WATER IN PIT

☒

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: 4.14.94

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:

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: 77 ppm (From Headspace Analysis)TPH: 3200 ppm (From Lab Results)

Revegetated:

yes ☐no ☐

Active Well or Facility Pad:

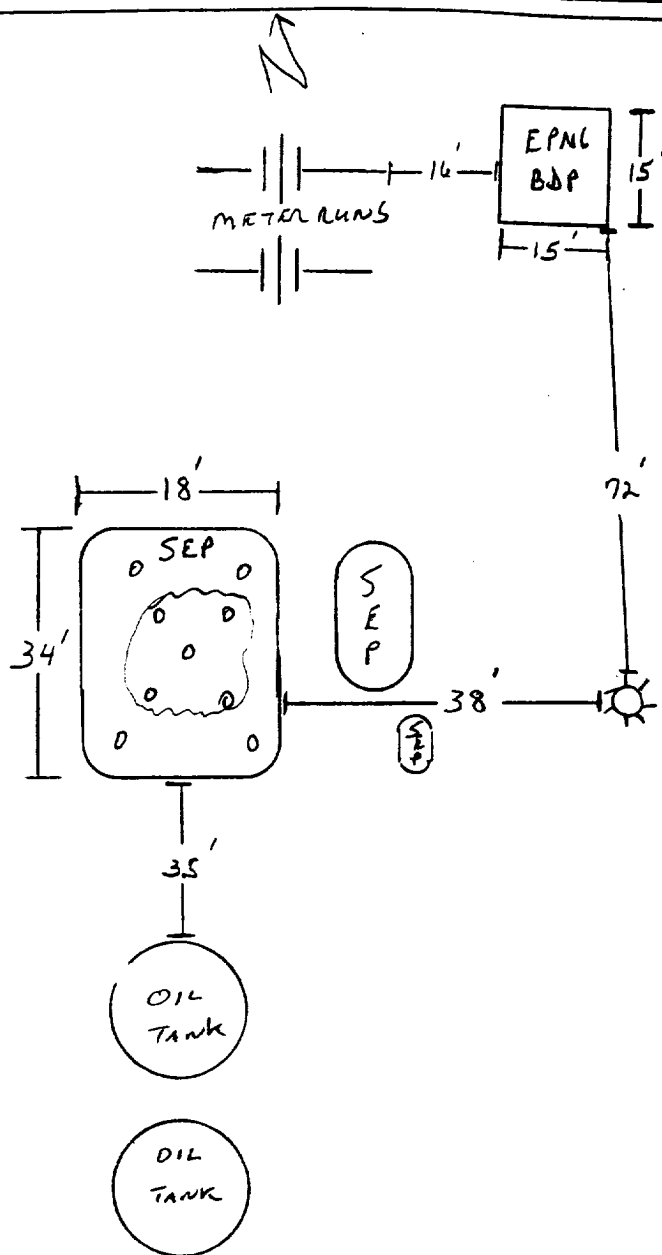
yes ☐no ☐NOTES: 4.14.94 - SAMPLE NOW-VND PIT IN PREPARATION TO CLOSEFOR CONSTRUCTION & WELL WORK PURPOSES.5.3.94 - MIXED CLEAN DIRT IN SEP PIT.5-4-94 - FINISHED MIXED SOIL IN PIT, RE-SAMPLED w/
DUM & PULLED TPH ANAL. CLOSED PIT

PIT LOCATION AND COMPOSITE SAMPLE PROFILE MAP

WELL LOCATION: STATE Com H-4A S T R UNIT

DATE STARTED: 4-14-94

DATE COMPLETED: 5-4-94



o SOIL SAMPLE LOCATION

Δ BACKGROUND SAMPLE LOCATION

2017

PIT CLOSURE DOCUMENTATION - SAMPLING RESULTS NOTES

LOCATION OF PIT: STATE COR H-4A TYPE OF PIT: SEP

DESCRIPTION OF SAMPLE	SAMPLE EVENT #	SAMPLE EVENT #	SAMPLE EVENT #	SAMPLE EVENT #	SAMPLE EVENT #	SAMPLE EVENT #	SAMPLE EVENT #	SAMPLE EVENT #	SAMPLE EVENT #
DATE OF SAMPLE	4/14/94	5/4/94							
LOCATION OF SAMPLE	SEP	SEP							
TYPE OF SAMPLE: (GRAB/COMPOSITE)	gr	gr							
DEPTH OF SAMPLE(S)	0-3'	0-3'							
TEMPERATURE OF SAMPLE	77°F	64°F							
FIELD METHOD RESULTS (PPMS)									
TPH VAPORS (EQUIV UNITS)	541	164							
BENZENE RESPONSE FACTOR	.47	.47							
ADJUSTED FOR BENZENE EQUIV UNITS	254	77							
AB RESULTS IN PPM: METHOD (418.1 OR MOD 8015)	418.1	418.1							
TPH	19,700	3200							
NOTES	Poured Soil TPH/STX								

TOTAL PETROLEUM HYDROCARBONS
EPA METHOD 418.1Conoco Inc.

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

Date Reported: 05/02/94
Date Sampled: 04/14/94
Date Received: 04/14/94
Date Extracted: 04/28/94
Date Analyzed: 04/28/94

Sample ID	Lab ID	Result (mg/kg)	Detection Limit
Jasis Canyon	249	18,300	100
ST. Com P-12	250	26,100	100
ST. Com H-4A	251	19,700	100

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: *Antoni*

Reviewed: *mk*

VOLATILE AROMATIC HYDROCARBONS

Conoco

Project ID: None Given
Sample ID: ST. Com H-4A
Lab ID: 251
Sample Matrix: Soil
Condition: Cool/Intact

Report Date: 05/02/94
Date Sampled: 04/14/94
Date Received: 04/14/94
Date Extracted: 04/21/94
Date Analyzed: 04/28/94

Target Analyte	Concentration (ppb)	Detection Limit (ppm)
Benzene	1,500	0.3
Toluene	2,630	0.3
Ethylbenzene	1,870	0.3
m,p-Xylenes	15,800	0.3
o-Xylene	7,310	0.3

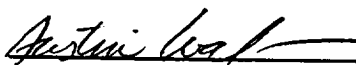
ND - Analyte not detected at the stated detection limit.

Quality Control:	<u>Surrogate</u>	<u>Percent Recovery</u>	<u>Acceptance Limits</u>
	Bromofluorobenzene	123.3	74 -121%

* The surrogate level is high due to background interference from the sample.

Reference: Method 5030, Purge and Trap; Method 8020, Aromatic Volatile Organics; Test Methods for Evaluating Solid Wastes, SW-846, United States Environmental Protection Agency, September 1986.

Comments:


Analyst


Review

6087

TOTAL PETROLEUM HYDROCARBONS
EPA METHOD 418.1ConocoProject: None Given
Matrix: Soil
Condition: Intact/CoolDate Reported: 05/12/94
Date Sampled: 5/3-4/1994
Date Received: 05/04/94
Date Extracted: 05/11/94
Date Analyzed: 05/11/94

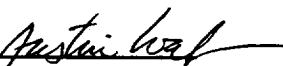
Sample ID	Lab ID	Result (mg/kg)	Detection Limit
Nell Hall #1	G00377	2,600	200
State Com H 4 A	G00378	3,200	200

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:



Reviewed:

