

SAN JUAN BASIN

Conoco

PIT CLOSURE DOCUMENTATION

LOCATION: NYE Com 1RCRA EXEMPT
WASTES:Yes ☒ No ☐PIT TYPE: DHP #1A-32-29N-11WDATE FLOW TO PIT STOPPED: BEFORE 1991TYPE REPLACEMENT PIT: ☒ NONE ☐ BACKFILLED - BELOW GROUND ☐ ABOVE GROUND

ACREAGE

TYPE: ☒ FEDERAL ☐ JICARILLA ☐ NAVAHO ☐ STATE ☐ FEE

SITE ASSESSMENT

1) Groundwater Depth: 50-100'

Ranking Score

Basis: ELEVATION OF LOCATION10

2) Wellhead Protection Area:

Distance To

Water Sources: >1000' Private Domestic Water Sources: >200'Basis: NONE DETECTED03) Distance To Surface Body of Water: >1000'Basis: DISTANCE TO RIVER0

Total Score:

10

Soil Characteristic

☐ Highly Contaminated/Saturated☒ Unsaturated Contaminated

RANKING 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

Date: 8/26/94

DEFINITION OF CONTAMINATION

Depth Excavated: 14'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:

DEPUTY OIL & GAS INSPECTOR

JUN 11 8 1996

RECEIVED
MAR 18 1996

REMEDIATION PROFILESoil Treated Onsite ☐Date Remediation Started: 9-14-94☐ In Situ Bio☐ w/vapor venting☐ Landfarmed☐ Composted

	Date: <u>9-14-94</u>		Date: _____	
	Description	Amount/Rate	Description	Amount/Rate
Tilled	EXCAVATED & LANDFARM SOIL			
Nutrients	NONE			
Moisture	(TILLED 9-23, 9-26 & 10-3-94)			
Bulking Agent				
Organic Material				

	Date: _____		Date: _____	
	Description	Amount/Rate	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 CLOSUREBTEX: / ppm (From Headspace Analysis)TPH: 76.1 ppm (From Lab Results)

Revegetated:

yes ☐no ☒

Active Well or Facility Pad:

yes ☒no ☐NOTES: 8-26-94 - PULLED OVA & TPH SAMPLES. TPH HIGH, OVA BE-

LOW REQUIREMENTS. EXCAVATED PIT AREA 9-14 THROUGH 9-20-94. SEGRE-
GATED CLEAN SOIL & LANDFARMED CONTAMINATED SOIL ON LOCATION. AREA
EXCAVATED 43' X 57' X 14', FENCED PIT & LEFT OPEN. DISC LANDFARM 9-23
9-26 & 10-3-94. 5-31-95 - SPT COMPOSITE SAMPLE DN PIT BOTTOM &
LANDFARM, TPH & OVA BELOW REQUIREMENTS. 7-7-95 - CLOSED PIT
AS PER GUIDELINES.

T CLOSURE DOCUMENTATION - SAMPLING RESULTS NOTES

LOCATION OF PIT: NYE Com 1 TYPE OF PIT: DHP #1

DESCRIPTION OF SAMPLE	SAMPLE EVENT #	SAMPLE EVENT #	SAMPLE EVENT #	SAMPLE EVENT #	SAMPLE EVENT #	SAMPLE EVENT #	SAMPLE EVENT #	SAMPLE EVENT #
DATE OF SAMPLE	8/26/94	5/31/95	5/31/95					
LOCATION OF SAMPLE	DHP	PIT	LANDFARM					
TYPE OF SAMPLE: (GRAB/COMPOSITE)	Comp	SPT. COMPOSITE	9 PT COMPOSITE					
DEPTH OF SAMPLE(S)	0-4'	14'	—					
TEMPERATURE OF SAMPLE	77°F	87°F	89°F					
LD METHOD RESULTS (PPMS)								
TPH VAPORS (EQUIV UNITS)	129 ppm	2.0	2.7					
BENZENE RESPONSE FACTOR	.47	.47	.47					
ADJUSTED FOR BENZENE EQUIV UNITS	61	1	1					
RESULTS IN PPM: METHOD (418.1 OR MOD 8016)	418.1	418.1	418.1					
TPH	340	ND	76.1					
NOTES		SAMPLES FROM BOTTOM and BOTTOM edges of PIT.	TPH SAMPLE					

TOTAL PETROLEUM HYDROCARBONS
EPA METHOD 418.1

Conoco Inc.

Project: Soil TPH
Matrix: Soil
Condition: Intact/Cool

Date Reported: 09/08/94
Date Sampled: 08/26/94
Date Received: 08/30/94
Date Extracted: 09/02/94
Date Analyzed: 09/02/94

Sample ID	Lab ID	Result (mg/kg)	Detection Limit
Nye Com 1 Sep	G01390	ND	20
Nye Com 1 Sep 2	G01391	350	19
Nye Com 1 Drip Pit	G01392	730	18
Nye Com 1 TDP	G01393	ND	19
→ Nye Com DHP I	G01394	340	16

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 Schauer

Reviewed: SC

TOTAL PETROLEUM HYDROCARBONS
EPA METHOD 418.1Conoco Inc.Project: Soil TPH
Matrix: Soil
Condition: Intact/CoolDate Reported: 06/08/95
Date Sampled: 05/31/95
Date Received: 05/31/95
Date Extracted: 06/07/95
Date Analyzed: 06/08/95

Sample ID	Lab ID	Result (mg/kg)	Detection Limit
#1 Decker Primo #1A DHP	G00623	303	20
#2 Decker Primo #1A DHP Landfarm	G00624	443	19
#3 Decker Primo #1 Sep Pit Landfarm	G00625	827	19
#4 Decker Primo #1 Sep Pit	G00626	2,150	94
→ #5 Nye Com #1 DHP #1	G00627	ND	18
#6 Nye Com #1 DHP #2	G00628	780	19
#7 Nye Com #1 Sep #2	G00629	86.0	18
#8 Nye Com #1 Sep #2 Landfarm	G00630	202	20
→ #9 Nye Com #1 DHP #1 Landfarm	G00631	76.1	19
#10 Nye Com #1 DHP #2 Landfarm	G00632	ND	18
#11 Nye Com 1E TDP	G00633	26.2	20
#12 Nye Com 1E TDP Landfill	G00634	443	19

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: mk

PIT LOCATION AND COMPOSITE SAMPLE PROFILE MAP

WELL LOCATION: N4E Cor #1

S32 T29N R11W UNIT A

DATE STARTED: 8/26/94

DATE COMPLETED: _____

