

Soil Treated Onsite

Date Remediation Started: _____

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

Date: <u>6/23/94</u>	Description	Amount/Rate	Date: _____	Description	Amount/Rate
	43yds 6" depth Landfarmed				
Nutrients	34% Ammonia Nitrogen	20 #			
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 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: 8 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 To BACKHOLE, PULLED OVA & TPH SAMPLES, OVA & TPH ABOVE REQUIREMENTS. CONTINUED EXCAVATION & LANDFARMING SOIL THROUGH 8-25-94 EXCAVATED AREA 14' x 14' x 8', SOIL CLEAN @ 8'. TURNED LANDFARM 8-26, 8-29, 9-13, 9-19, 9-20, 9-21, 9-22, 9-23, 9-26-94. 9-27-94 - PULLED TPH & OVA SAMPLES, ANALYSIS BELOW REQUIREMENTS.

9-30-94 - BACK FILLED & CLOSED P.T.

PIT CLOSURE DOCUMENTATION - SAMPLING RESULTS NOTES

LOCATION OF PIT: Redden SE TYPE OF PIT: Tank Dep pit

DESCRIPTION OF SAMPLE	SAMPLE EVENT # 1A	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	TDP	TDP	TDP					
TYPE OF SAMPLE: (GRAB/COMPOSITE)	Comp	Comp	Comp					
DEPTH OF SAMPLE(S)	0-3'	LANDFARM AREA	8'					
TEMPERATURE OF SAMPLE	78°F	75°	70°					
FIELD METHOD RESULTS (PPMS)								
TPH VAPORS (EQUIV UNITS)	394 ppm	31	17					
BENZENE RESPONSE FACTOR	.47	.47	.47					
ADJUSTED FOR BENZENE EQUIV UNITS	185	15	8					
LAB RESULTS IN PPM: METHOD (418.1 OR MOD 8016)	418.1	418.1	418.1					
TPH	13,000	ND	ND					
NOTES	Soil Slightly discolored No odor							

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TOTAL PETROLEUM HYDROCARBONS
EPA METHOD 418.1Conoco Inc.

Project: Soil TPH, H2O BTEX
Matrix: Soil
Condition: Intact/Cool

Date Reported: 09/30/94
Date Sampled: 09/27/94
Date Received: 09/27/94
Date Extracted: 09/29/94
Date Analyzed: 09/29/94

Sample ID	Lab ID	Result (mg/kg)	Detection Limit
DHP → Dustin 1E DHP 12' Deep	G01639	1,460	76
Redfern 5E Sep Pit Landfarm Comp.	G01640	780	19
Redfern 5E Tank Pit Landfarm Comp.	G01641	ND	19
DHP → Redfern 5E 10' Deep Sep Pit	G01642	ND	19
Redfern 5E 8' Deep Tank Drip Pit	G01643	ND	20
Nye Com 1E TDP 10' Depth	G01644	1,620	98
Nye Com 1E Landfarm Tank Pit	G01645	1,830	87

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 Schaefer

Reviewed: WP

TOTAL PETROLEUM HYDROCARBONS
EPA METHOD 418.1Conoco Inc.Project: Soil TPH
Matrix: Soil
Condition: IntactDate Reported: 08/30/94
Date Sampled: 08/22-23/94
Date Received: 08/26/94
Date Extracted: 08/29/94
Date Analyzed: 08/29/94

Sample ID	Lab ID	Result (mg/kg)	Detection Limit
Redfern 5E DHP	G01363	50,000	900
Redfern 5E TDP	G01364	13,000	300
Salmon 1 TDP	G01365	177	19
Salmon 1A Line Drip	G01366	ND	17

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 SchaeferReviewed: WC