

Date Remediation Started: 2/19/04 Date completed: 2/27/04

Remediation Method: Excavation N/A Approx. cubic yards _____
(Check all appropriate sections.) Landfarmed N/A Insitu Bioremediation _____
Other _____

Remediation Location: Onsite _____ Offsite _____
(i.e. landfarmed onsite, name and location of offsite facility)

General Description of Remedial Action: _____

A soil sample was extracted at 4-ft below ground level (1-ft. below pit bottom) in the southwest corner of the pit.

The sample was analyzed for GRO/DRO and BTEX analysis. All analyses were within BLM and NMOCD requirements.

Ground Water Encountered: No X Yes _____ Depth _____

Final Pit:
Closure Sampling:
(if multiple samples,
attach sample results
and diagram of sample
locations and depths)

Sample #1

Sample location Southwest corner of pit, 4-ft below surface level (1-ft. below pit bottom)

Sample depth 4-ft. below pit bottom

Sample Date 2/19/04 Sample time 14:16

Sample #2

Sample Date 2/23/04 Sample time 14:05

Sample Results #1

Sample Results #2

Benzene(ppm) Non Detect 0.121

Total BTEX(ppm) 2.590 5.480

Field headspace(ppm) N/A 3759

Ground Water Sample:

TPH 81.7 2780

Yes _____ No X (If yes, attach sample results)

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signature Larry Trujillo Date 3/4/04

Printed Name Larry Trujillo Title Environmental Specialist

E-mail Address fmcd_best@hotmail.com

Location: Red Fern #4
Footages: 1580' FSL & 1010' FEL
Unit Letter: I **Sec.** 16 **Twn.** 28N **Rng** 11W
Latitude: 36° 39.6' N **Longitude:** 108° 00.2' W
Lease Num. FED NM 2116 **Land Type:** BLM

Pit Type: Separator Pit

Pit Reference

Reference: wellhead **Footage:** 85'
Direction: N or (S) 0 **Degrees** E or W
Initial size: 25' x 25' x 3' = 1875ft³
Final Size: 25' x 25' x 3' = 1875ft³
Total Cubic Yards: 0 yd³

Distances from (ft):

Groundwater: > 100ft.

Wellhead Protection Area: No

Nearest Surface Water: > 1000ft.

Distance to ephemeral stream: N/A

(Navajo/Jicarilla only)

Ranking Score (points): 0 pts.

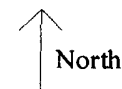
Sample ID	Description	OVM Reading
1	NE Corner	182 ppm
2	SE Corner	427 ppm
3	SW corner	3759 ppm
4	NW corner	258 ppm
5	Center	1142 ppm
6		
7		
8		
9		
10		

Comments:

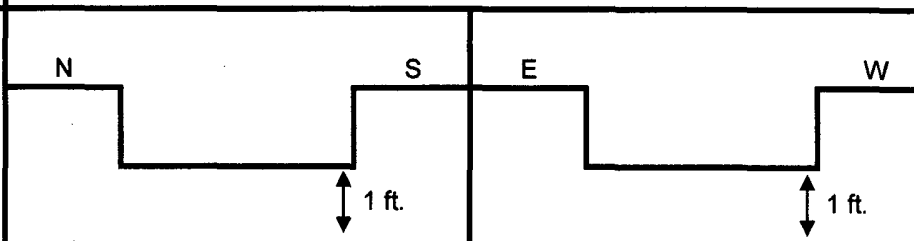
Tests:

Site Diagram:

Red Fern #4
Not to Scale



Not to Scale



ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

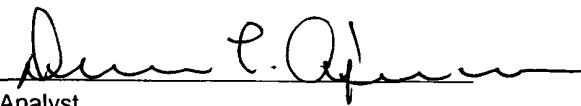
Client:	ConocoPhillips	Project #:	96052-026-086
Sample ID:	Pit	Date Reported:	02-20-04
Laboratory Number:	27869	Date Sampled:	02-19-04
Chain of Custody No:	11852	Date Received:	02-20-04
Sample Matrix:	Soil	Date Extracted:	02-20-04
Preservative:	Cool	Date Analyzed:	02-20-04
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

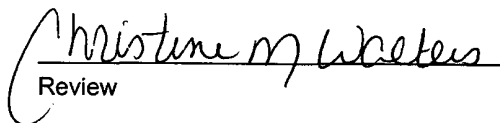
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	44.5	0.2
Diesel Range (C10 - C28)	37.2	0.1
Total Petroleum Hydrocarbons	81.7	0.2

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: Redfern #4.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	ConocoPhillips	Project #:	96052-026-086
Sample ID:	Pit	Date Reported:	02-20-04
Laboratory Number:	27869	Date Sampled:	02-19-04
Chain of Custody:	11852	Date Received:	02-20-04
Sample Matrix:	Soil	Date Analyzed:	02-20-04
Preservative:	Cool	Date Extracted:	02-20-04
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	1.8
Toluene	225	1.7
Ethylbenzene	264	1.5
p,m-Xylene	1,490	2.2
o-Xylene	612	1.0
Total BTEX	2,590	

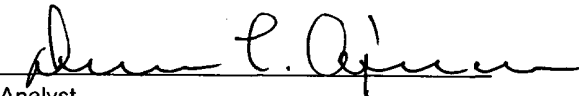
ND - Parameter not detected at the stated detection limit.

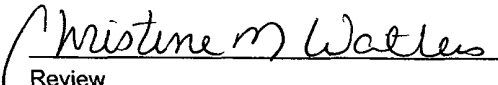
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	98 %
	1,4-difluorobenzene	98 %
	Bromochlorobenzene	98 %

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: Redfern #4.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

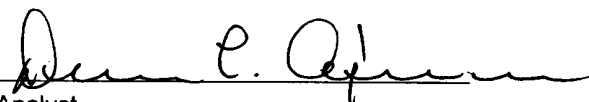
Client:	ConocoPhillips	Project #:	96052-026-086
Sample ID:	SWC Sep Pit	Date Reported:	02-24-04
Laboratory Number:	27913	Date Sampled:	02-23-04
Chain of Custody No:	11760	Date Received:	02-23-04
Sample Matrix:	Soil	Date Extracted:	02-24-04
Preservative:	Cool	Date Analyzed:	02-24-04
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

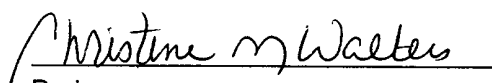
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	1,840	0.2
Diesel Range (C10 - C28)	938	0.1
Total Petroleum Hydrocarbons	2,780	0.2

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: Redfern #4.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	ConocoPhillips	Project #:	96052-026-086
Sample ID:	SWC Sep Pit	Date Reported:	02-24-04
Laboratory Number:	27913	Date Sampled:	02-23-04
Chain of Custody:	11760	Date Received:	02-23-04
Sample Matrix:	Soil	Date Analyzed:	02-24-04
Preservative:	Cool	Date Extracted:	02-24-04
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	121	1.8
Toluene	909	1.7
Ethylbenzene	666	1.5
p,m-Xylene	2,550	2.2
o-Xylene	1,230	1.0
Total BTEX	5,480	

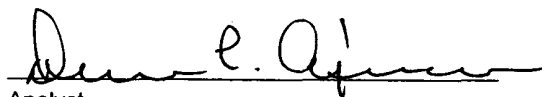
ND - Parameter not detected at the stated detection limit.

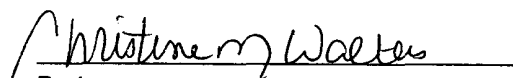
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	98 %
	1,4-difluorobenzene	98 %
	Bromochlorobenzene	98 %

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: Redfern #4.


Analyst


Review

11852

Client / Project Name Canoa Phillips			Project Location Red Fern #4			ANALYSIS / PARAMETERS									
Sampler:			Client No. 96052-026-086			No. of Containers	8027 1204	8051 TPH					Remarks		
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix											
Pit	2/19/04	14:16	27869	Soil											
Relinquished by: (Signature) Ronnie Jacques					Date 2/20/04	Time 0755	Received by: (Signature) [Signature]					Date 2/20/04	Time 0755		
Relinquished by: (Signature)							Received by: (Signature)								
Relinquished by: (Signature)							Received by: (Signature)								
ENVIROTECH INC. 5796 U.S. Highway 64 Farmington, New Mexico 87401 (505) 632-0615													Sample Receipt		
													Y	N	N/A
Received Intact													✓		
Cool - Ice/Blue Ice													✓		

CHAIN OF CUSTODY RECORD

11760

Client / Project Name <i>Conoco Phillips</i>			Project Location <i>Reo Fern # 7</i>			ANALYSIS / PARAMETERS							
Sampler: <i>Larry Try II</i>			Client No. <i>96052-026-086</i>			No. of Containers <i>1</i>	<i>8050 TPI</i>	<i>8021 BTEX</i>					Remarks <i>Invoice Conoco Phillips</i>
Sample No./ Identification <i>SWC SEP P.4</i>	Sample Date <i>2/23/04</i>	Sample Time <i>1405</i>	Lab Number <i>27913</i>	Sample Matrix <i>Soil</i>	Report to Best <i>(2234)</i>								
Relinquished by: (Signature) <i>Larry Try II</i>			Date <i>2/23/04</i>	Time <i>1442</i>	Received by: (Signature) <i>Don E. Quinn</i>			Date <i>2/23/04</i>	Time <i>1442</i>				
Relinquished by: (Signature)					Received by: (Signature)								
Relinquished by: (Signature)					Received by: (Signature)								
ENVIROTECH INC. 5796 U.S. Highway 64 Farmington, New Mexico 87401 (505) 632-0615										Sample Receipt			
											Y	N	N/A
										Received Intact	<i>✓</i>		
										Cool - Ice/Blue Ice	<i>✓</i>		