

District I _____ State Of New Mexico
 P.O. Box 1980, Hobbs, NM Energy, Minerals and Natural Resources Department
 District II _____
 P.O. Drawer, Artesia, NM 88211
 District III _____
 1000 Rio Brazos Rd. Aztec, NM 87410

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

SUBMIT 1 COPY TO
 APPROPRIATE
 DISTRICT OFFICE
 AND 1 COPY TO
 SANTA FE OFFICE
 (Revised 3/9/94)

PIT REMEDIATION AND CLOSURE REPORT

Operator:	Conoco Inc.			Telephone:	505-324-5846		
Address:	3315 Bloomfield Hwy - Farmington, NM 87401						
Facility Or:	Newberry LS 2B						
Well Name							
Location:	Unit or Qtr/Qtr Sec	F	Sec	34	T	32N	R
						12W	County
							San Juan
Pit Type:	Separator		Dehydrator		Other	Tank Drain Pit	
Land Type:	BLM		State	X	Fee		Other
Pit Location: (Attach diagram)	Pit dimension:		length	12'	width	12'	depth
	Reference:		wellhead	X	other		
	Footage from reference:		105'				
	Direction from reference:		300	Degrees		East	North
						of	
					X	West	South

Depth To Ground Water: (Vertical distance from contaminants to seasonal high water elevation of ground water)	Less than 50 feet	(20 points)	
	50 feet to 99 feet	(10 points)	
	Greater than 100 feet	(0 points)	
	Total		10
Wellhead Protection Area: (Less than 200 feet from a private domestic water source, or; less than 1000 feet from all other water sources)	Yes	(20 points)	
	No	(0 points)	
	Total		0
Distance To Surface Water: (Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)	Less than 200 feet	(20 points)	(20 points)
	200 feet to 1000 feet	(10 points)	(10 points)
	Greater than 1000 feet	(0 points)	(0 points)
	Total		0
	RANKING SCORE (TOTAL POINTS):		10

Date Remediation Started: <u>3/13/99</u>		Date Completed: <u>5/19/99</u>	
Remediation Method: (Check all appropriate sections)	Excavation: <u>X</u>	Approx. cubic yards	<u>64</u>
	Landfarm <u>X</u>	Insitu Bioremediation	<u> </u>
	Other <u> </u>		
Remediation Location: (ie. landfarmed onsite, name and location of offsite facility)	Onsite <u>X</u>	Offsite <u> </u>	
General Description Of Remedial Action: <u> </u>			
<u>Dug out pit to 12' x 12' x 12' and took sample. Backfilled pit with clean soil.</u>			
<u>Landfarm sampled 6/28/00; TPH = 0.4 ppm; Benzene = 0.0218; Total BTEX = 0.429 ppm.</u>			
<u>Landfarm closed.</u>			
Ground Water Encountered: No <u>X</u> Yes <u> </u> Depth <u> </u>			
Final Pit:	Sample location	<u>Composite (4 wall plus 3' below pit bottom)</u>	
Closure Sampling:	<u> </u>		
(if multiple samples attach sample results and diagram of sample locations and depths)	Sample depth	<u>12'</u>	
	Sample date	<u>5/14/99</u>	Sample time <u>12:22 PM</u>
Sample Results			
	Benzene (ppm)	<u>0.011</u>	
	Total BTEX (ppm)	<u>9.37</u>	
	Field headspace (ppm)	<u>651</u>	
	TPH (ppm)	<u>227.0</u>	
Ground Water Sample:	Yes <u> </u>	No <u>X</u>	(If yes, attach sample results)
I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF			
DATE	<u>11/15/00</u>	PRINTED NAME	<u>John E. Cofer</u>
SIGNATURE	<u>John E. Cofer</u>	AND TITLE	<u>Environmental Coordinator</u>

ENVIROTECH LABS

SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

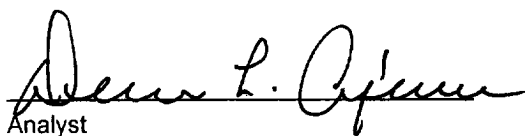
Client:	Conoco, Inc.	Project #:	707003-211
Sample ID:	Landfarm	Date Reported:	07-07-00
Laboratory Number:	H660	Date Sampled:	06-28-00
Chain of Custody No:	8025	Date Received:	06-30-00
Sample Matrix:	Soil	Date Extracted:	07-05-00
Preservative:	Cool	Date Analyzed:	07-07-00
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

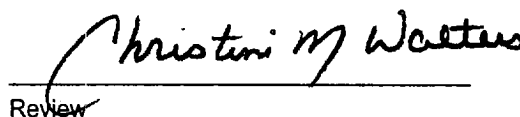
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	0.4	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	0.4	0.1

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: **Newberry LS 2 B.**


Analyst


Review

ENVIROTECH LABS

SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Conoco, Inc.	Project #:	707003-211
Sample ID:	Landfarm	Date Reported:	07-07-00
Laboratory Number:	H660	Date Sampled:	06-28-00
Chain of Custody:	8025	Date Received:	06-30-00
Sample Matrix:	Soil	Date Analyzed:	07-07-00
Preservative:	Cool	Date Extracted:	07-05-00
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	21.8	1.8
Toluene	144	1.7
Ethylbenzene	41.7	1.5
p,m-Xylene	167	2.2
o-Xylene	54.7	1.0
Total BTEX	429	

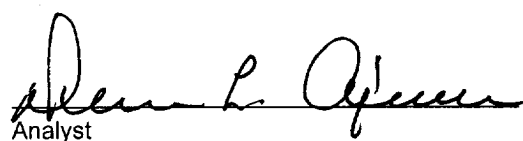
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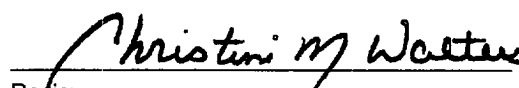
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	100 %
	Bromofluorobenzene	100 %

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: Newberry LS 2B.


Analyst


Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Conoco, Inc.	Project #:	707003-025
Sample ID:	TDP - Grab	Date Reported:	05-17-99
Laboratory Number:	F258	Date Sampled:	05-14-99
Chain of Custody:	6797	Date Received:	05-14-99
Sample Matrix:	Soil	Date Analyzed:	05-17-99
Preservative:	Cool	Date Extracted:	05-17-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	10.9	8.8
Toluene	840	8.4
Ethylbenzene	1,040	7.6
p,m-Xylene	4,680	10.8
o-Xylene	2,800	5.2
Total BTEX	9,370	

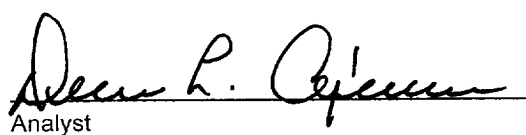
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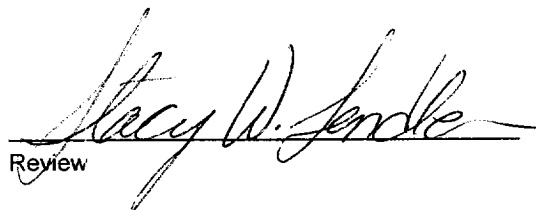
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	99 %
	Bromofluorobenzene	99 %

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: Newberry LS 2B. OVM Reading 651.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Conoco, Inc.	Project #:	707003-025
Sample ID:	TDP - 4 Pt. Comp.	Date Reported:	05-17-99
Laboratory Number:	F259	Date Sampled:	05-14-99
Chain of Custody:	6797	Date Received:	05-14-99
Sample Matrix:	Soil	Date Analyzed:	05-17-99
Preservative:	Cool	Date Extracted:	05-17-99
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	16.4	8.8
Toluene	417	8.4
Ethylbenzene	411	7.6
p,m-Xylene	1,400	10.8
o-Xylene	513	5.2
Total BTEX	2,760	

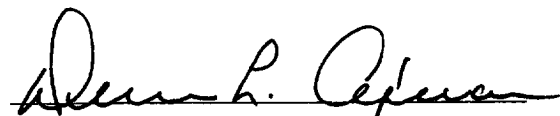
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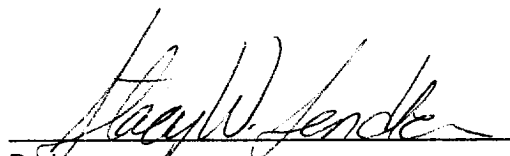
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	96 %
	Bromofluorobenzene	96 %

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: Newberry LS 2B.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client: Conoco, Inc.
Sample ID: TDP - Grab
Laboratory Number: F258
Chain of Custody No: 6797
Sample Matrix: Soil
Preservative: Cool
Condition: Cool and Intact

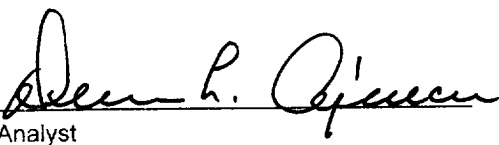
Project #: 707003-025
Date Reported: 05-17-99
Date Sampled: 05-14-99
Date Received: 05-14-99
Date Extracted: 05-17-99
Date Analyzed: 05-17-99
Analysis Requested: 8015 TPH

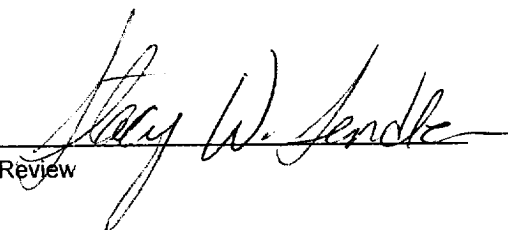
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	154	0.2
Diesel Range (C10 - C28)	72.6	0.1
Total Petroleum Hydrocarbons	227	0.2

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: Newberry LS 2B. OVM Reading 651.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client: Conoco, Inc.
Sample ID: TDP - 4 Pt. Comp.
Laboratory Number: F259
Chain of Custody No: 6797
Sample Matrix: Soil
Preservative: Cool
Condition: Cool and Intact

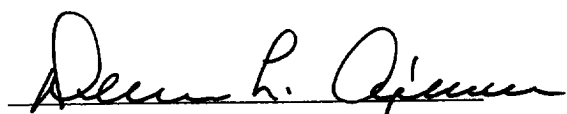
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Date Reported: 05-17-99
Date Sampled: 05-14-99
Date Received: 05-14-99
Date Extracted: 05-17-99
Date Analyzed: 05-17-99
Analysis Requested: 8015 TPH

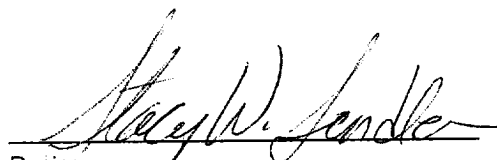
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	4.7	0.2
Diesel Range (C10 - C28)	2.9	0.1
Total Petroleum Hydrocarbons	7.6	0.2

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: **Newberry LS 2B.**


Analyst


Review

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Revised

Lease Name: Newberry 2B

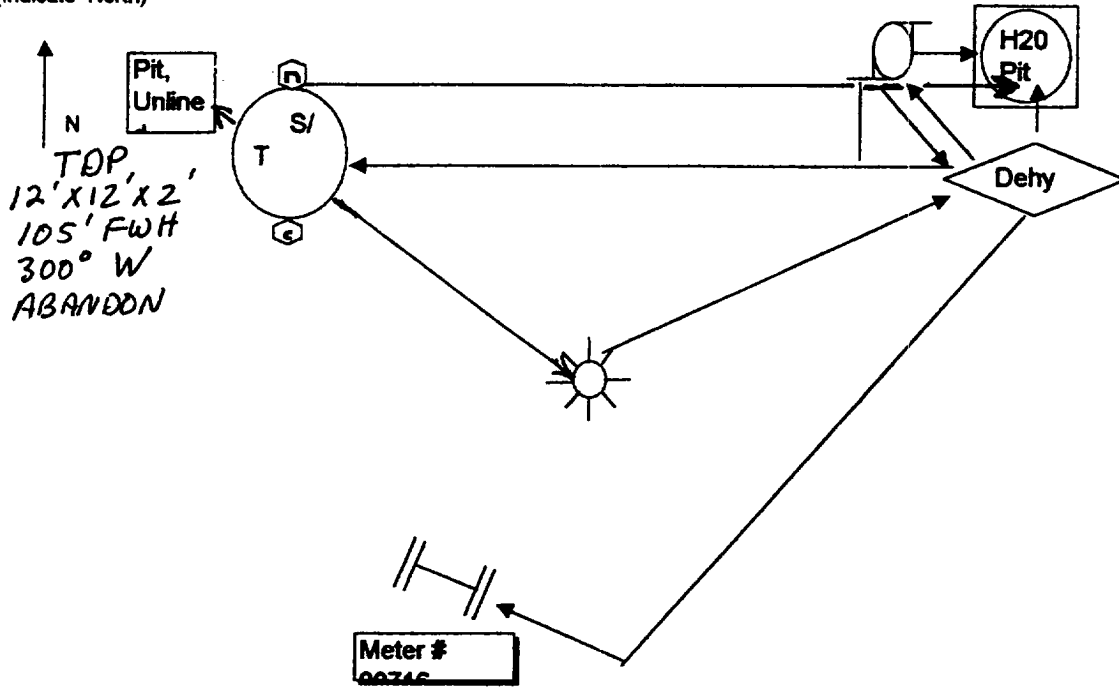
Operator: conoco Inc

Date:

5-6-99

Site Security

(Indicate North)



Lease Name: Newberry 2B

Federal/ Indian Lease No: SF-078416

CA No.:

Unit: F