

District I

P.O. Box 1980, Hobbs, NM

District II

P.O. Drawer, Artesia, NM 88211

District III

1000 Rio Brazos Rd. Aztec, NM 87410

State Of New Mexico

Energy, Minerals and Natural Resources Department

## 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)

NOV 2000

REC

OIL

## PIT REMEDIATION AND CLOSURE REPORT

Operator: Conoco Inc.

Telephone: 505-324-5846

Address: 3315 Bloomfield Hwy - Farmington, NM 87401

Facility Or: Michener A LS 5A

Well Name

Location: Unit or Qtr/Qtr Sec D 1 Sec 31 T 28N R 9 w San Juan

Pit Type: Separator ☒ Dehydrator ☐ Other ☐Land Type: BLM ☒ State ☐ Fee ☐ Other ☐

Pit Location: (Attach diagram) Pit dimension: length 10' width 20' depth 3'

Reference: wellhead ☒ other ☐

Footage from reference: 60'

Direction from reference: 11 Degrees East of ☒ North  
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 0

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): 0

Date Remediation Started: _____		N/A		Date Completed: _____	
Remediation Method: _____		Excavation: _____		Approx. cubic yards _____	
(Check all appropriate sections)					
		Landfarm _____		Insitu Bioremediation _____	
		Other _____			
Remediation Location: _____		Onsite _____		Offsite _____	
(ie. landfarmed onsite, name and location of offsite facility)					
General Description Of Remedial Action: _____					
No remediation; clean soil; pit was backfilled and reseeded.					
Ground Water Encountered:		No	<input checked="" type="checkbox"/>	Yes	Depth _____
Final Pit:		Sample location		Composite (4 walls plus 3' below pit bottom)	
Closure Sampling:		_____			
(if multiple samples attach sample results and diagram of sample locations and depths)		Sample depth		6'	
		Sample date		6/20/00	Sample time 3:00 PM
		Sample Results			
		Benzene (ppm)		ND	
		Total BTEX (ppm)		ND	
		Field headspace (ppm)		Not measured	
		TPH (ppm)		ND	
Ground Water Sample:		Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/> (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		11/15/00		PRINTED NAME John E. Cofer	
SIGNATURE		John E. Cofer		AND TITLE Environmental Coordinator	

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

## EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

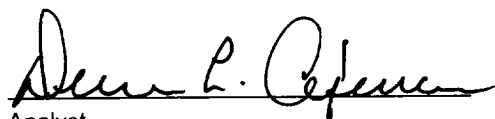
Client:	Conoco Inc.	Project #:	707003-189
Sample ID:	Sep H2O Pit	Date Reported:	06-24-00
Laboratory Number:	H560	Date Sampled:	06-20-00
Chain of Custody No:	8011	Date Received:	06-22-00
Sample Matrix:	Soil	Date Extracted:	06-23-00
Preservative:	Cool	Date Analyzed:	06-24-00
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

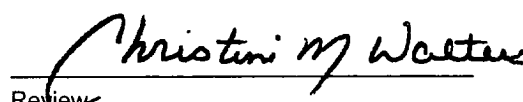
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.1

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: Michener ALS 5A.

  
Analyst

  
Review

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

## EPA Method 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

### Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	06-24-TPH QA/QC	Date Reported:	06-24-00
Laboratory Number:	H553	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	06-24-00
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	05-15-00	5.1253E-002	5.1202E-002	0.10%	0 - 15%
Diesel Range C10 - C28	05-15-00	4.1247E-002	4.1164E-002	0.20%	0 - 15%

Blank Conc. (mg/L - mg/Kg)	Concentration	Detection Limit
Gasoline Range C5 - C10	ND	0.2
Diesel Range C10 - C28	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2


Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	0.3	0.3	0.0%	0 - 30%
Diesel Range C10 - C28	3.7	3.7	0.0%	0 - 30%

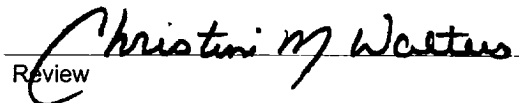
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	0.3	250	250	100%	75 - 125%
Diesel Range C10 - C28	3.7	250	253	100%	75 - 125%

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: QA/QC for samples H553 - H562.

  
Analyst

  
Review

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

## EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Conoco Inc.	Project #:	707003-189
Sample ID:	Sep H2O Pit	Date Reported:	06-24-00
Laboratory Number:	H560	Date Sampled:	06-20-00
Chain of Custody:	8011	Date Received:	06-22-00
Sample Matrix:	Soil	Date Analyzed:	06-24-00
Preservative:	Cool	Date Extracted:	06-23-00
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	1.8
Toluene	ND	1.7
Ethylbenzene	ND	1.5
p,m-Xylene	ND	2.2
o-Xylene	ND	1.0
Total BTEX	ND	


ND - Parameter not detected at the stated detection limit.

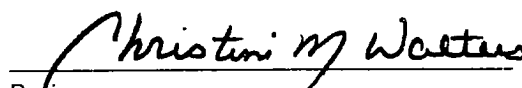
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	100 %
	Bromofluorobenzene	100 %

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: Michener ALS 5A.

  
Analyst

  
Review

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

## EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	06-24-BTEX QA/QC	Date Reported:	06-24-00
Laboratory Number:	H553	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	06-24-00
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF: Accept. Range 0 - 15%	%Diff.	Blank Conc	Detect. Limit
Benzene	3.9456E-002	3.9551E-002	0.2%	ND	0.2
Toluene	4.2238E-002	4.2314E-002	0.2%	ND	0.2
Ethylbenzene	5.7868E-002	5.7990E-002	0.2%	ND	0.2
p,m-Xylene	6.3888E-002	6.4048E-002	0.3%	ND	0.2
o-Xylene	5.0395E-002	5.0481E-002	0.2%	ND	0.1

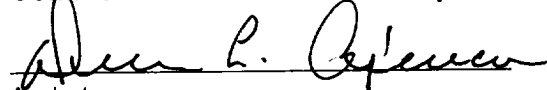
Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	31.0	30.4	1.9%	0 - 30%	1.8
Toluene	51.5	50.3	2.3%	0 - 30%	1.7
Ethylbenzene	30.9	30.2	2.3%	0 - 30%	1.5
p,m-Xylene	91.3	89.4	2.1%	0 - 30%	2.2
o-Xylene	28.1	27.6	1.8%	0 - 30%	1.0

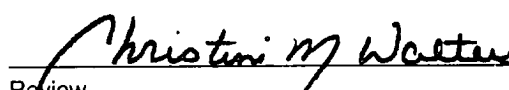
Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	31.0	50.0	80.9	100%	39 - 150
Toluene	51.5	50.0	101	100%	46 - 148
Ethylbenzene	30.9	50.0	80.8	100%	32 - 160
p,m-Xylene	91.3	100.0	191	100%	46 - 148
o-Xylene	28.1	50.0	78.0	100%	46 - 148

ND - Parameter not detected at the stated detection limit.

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.  
Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using Photoionization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1996.

Comments: QA/QC for samples H553 - H562.

  
Analyst

  
Review

Revised 2/8/99

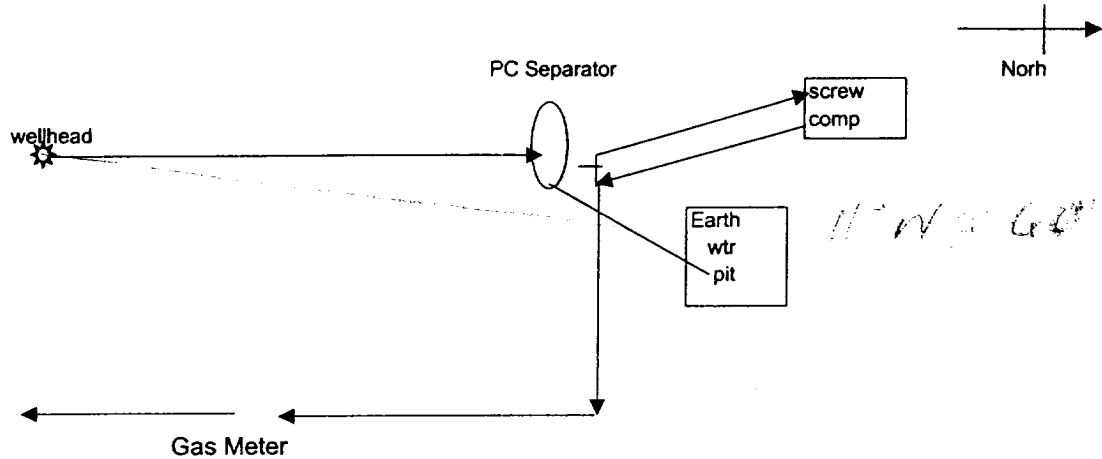
Lease Name: Michener A LS 5A

Operator: Conoco Inc.

Date:

2/8/99

Site Security  
(Indicate North)



Lease Name: Michener A LS 5 A

Federal/ Indian Lease No: SF 077107

CA No.: N/A

Unit : D 1

Legal Description: SEC31-T28N-R9W

County: San Juan

Load line valves :  
Sealed during Production

Drain line valves :  
Sealed during Production

Production Line valve:  
Sealed during sales

This lease is subject to the site security plan for  
San Juan Basin Operations. The plan is located at:  
Conoco Inc.  
3315 Bloomfield Hwy  
Farmington, NM

# CHAIN OF CUSTODY RECORD

08011

Client / Project Name		Project Location		ANALYSIS / PARAMETERS													
Canaco Inc		Methuen PLSSA															
Sampler: Tye Johnson		Client No. 202003-189															
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	TPH	BTEX	Remarks									
SP 420 P.7	6/20	3:00 P	H560	Soil	1	✓	✓										
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date											
		6.22.00	13:40			6.22.00 13:40											
Relinquished by: (Signature)				Received by: (Signature)													
Relinquished by: (Signature)				Received by: (Signature)													
<div style="display: flex; justify-content: space-between; align-items: center;"> <div> <p><b>ENVIROTECH INC.</b></p> <p>5796 U.S. Highway 64 Farmington, New Mexico 87401 (505) 632-0615</p> </div> <div> <p><b>Sample Receipt</b></p> <table border="1"> <tr> <td>Received Intact</td> <td>Y</td> <td>N</td> <td>N/A</td> </tr> <tr> <td>Cool - Ice/Blue Ice</td> <td>✓</td> <td></td> <td></td> </tr> </table> </div> </div>										Received Intact	Y	N	N/A	Cool - Ice/Blue Ice	✓		
Received Intact	Y	N	N/A														
Cool - Ice/Blue Ice	✓																