

District I

P.O. Box 1980 Hobbs, NM

District II

P.O. Drawer DD, Artesia, NM 87011

District

1000 Rio Brazos Rd, Aztec, NM 87410

State of New Mexico

Energy, Minerals and Natural Resources Department

SUBMIT 1 COPY TO
APPROPRIATE
DISTRICT OFFICE
AND 1 COPY TO
SANTA FE OFFICE

DEPUTY OIL & GAS INSPECTOR

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

JUN 16 1997

PIT REMEDIATION AND CLOSURE REPORT

Operator: Phillips Petroleum Company Telephone: 595-599-3400

Address: 5525 Hwy. 64, NBU 3004, Farmington, NM 87401

Facility Or: San Juan 29-6 #111

Well Name

Location: Unit or Qtr/Qtr Sec ^C NENW Sec 1 T 29N R 6W County Rio ArribaPit Type: Separator ☒ Dehydrator ☐ Other ☐Land Type: BLM ☒ State ☐ Fee ☐ Other ☐

Pit Location: (Attach diagram) Pit dimensions: Length 18', width 24', depth 4'

Reference: wellhead ☒ other ☐

Footage from reference: 55'

Direction from reference: 30 Degrees East North ☒
X West South ☐

Depth to Ground Water: 120'
(vertical distance from
contaminants to seasonal
highwater elevation of
ground water)

Less than 50 feet	(20 points)	
50 ft to 99 feet	(10 points)	
Greater than 100 feet	(0 points)	0

☒

Wellhead Protection Area:
(less than 200 feet from a private
domestic water source, or: less than
1000 feet from all other water sources)

RECEIVED
FEB 19 1997
OIL CON. DIV.
DIST. 3

Yes	(20 points)	
No	(0 points)	0

☒

Distance to Surface Water:
(Horizontal distance to perennial
lakes, ponds, rivers, streams, creeks,
irrigation canals and ditches.)

Less than 200 feet	(20 points)	
200 feet to 1000 feet	(10 points)	
Greater than 1000 feet	(0 points)	0

☒

P:\pits\PITCFRM.WK3

RANKING SCORE (TOTAL POINTS): 0

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MAR 20 1997
OIL CON. DIV.
DIST. 3

Date Remediation Started: 5/18/94 Dated Completed: 5/10/95

Excavation X Approx. cubic yards _____

Landfarmed X Insitu Bioremediation _____

Other _____

Remediation Method: Onsite X Offsite _____
(Check all appropriate sections)

General Description of Remedial Action: Based on the initial assessment, soils were excavated to a depth of 1 foot below the pit bottom, where bedrock was encountered. The excavation tested clean on 5/10/95. The landfarm tested clean on 5/10/95. The landfarm soils were then used to fill the excavation.

Ground Water Encountered: No X Yes _____ Depth _____

Final Pit: Sample location Individual samples were collected from each wall

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

and the bottom of the excavation.

Sample depth 4 feet from surface

Sample date 5/10/95 Sample time _____

Sample Results

Benzene (ppm) ND

Total BTEX (PPM) 1.1829

Field Headspace (ppm) 1150

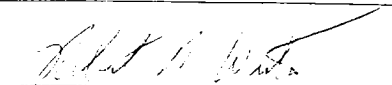
TPH 4600

Ground Water Sample: Yes _____ No X (If yes, attach sample results)

I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETED TO THE BEST OF MY KNOWLEDGE AND BELIEF.

DATE 2-14-97

PRINTED NAME Bob Wirtanen

SIGNATURE 

and TITLE Sr. Safety & Environmental Specialist

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT - " for such proposals

5. Lease Designation and Serial No.

NM-012698

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

San Juan 29-6 Unit

8. Well Name and No.

SJ 29-6 #111

9. API Well No.

30-039-21790

10. Field and Pool, or exploratory Area

Gobernador Pictured Cliff

11. County or Parish, State

Rio Arriba, NM

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Phillips Petroleum Company

3. Address and Telephone No.

5525 Highway 64, NBU 3004, Farmington, NM 87401 505-599-3400

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**Unit C, 1150, FNL & 1730' FWL
Section 1, T29N, R6W**

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other **Pit Closure**
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The pit associated with the subject well's separator has been closed and replaced with a double bottom steel tank. Details of the closure are attached.

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FEB 19 1997

OIL CON. DIV.
DIST. 3

14. I hereby certify that the foregoing is true and correct

Signed

[Signature]

Title **Sr. Safety & Environ. Spclst**

Date **2-14-97**

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

COPY

ENVIROTECH Inc.

5796 US HWY. 64, FARMINGTON, NM 87401
(505) 632-0615

PIT NO: PA 114

C.O.C. NO: 3294

FIELD REPORT: SITE ASSESSMENT

JOB No: 93163
PAGE No: 1 of 1

PROJECT: PIT ASSESSMENT
CLIENT: PHILLIPS PETROLEUM Co.
CONTRACTOR: ENVIROTECH, INC.
EQUIPMENT USED: CASE EXTEND-A-DIG

DATE STARTED: 1-4-94
DATE FINISHED: 1-4-94
ENVIRO. SPCLT: REG
OPERATOR: CIMARRON
ASSISTANT: K.C.

LOCATION: LEASE: San Juan 29-6 WELL: #111 QD: 1150' FNL, 1730' FWL (C)
SEC: 1 TWP: 29N RNG: 6W PM: NM CNTY: R.A. ST: NM PIT: SEP

LAND USE: RANGE - LEASE # NM 012698

SURFACE CONDITIONS: EARTHEN PIT - FENCED 20' X 20' - SNOW COVERED

PIT CENTER IS LOCATED APPROXIMATELY 55 FEET N 30° W OF WELLHEAD.

CLOSURE STD: 5000 PPM TPH

RANKING SCORE: 0

T1: MEDIUM Brown/gray, Moist, silty sand - odor

T2: moist, brown, silty - no odor

1336'. DILUTE 10:1 268 X 2 X 10 = 5360. GAC # 0353

6 X 2 = 12. GAC # 0354

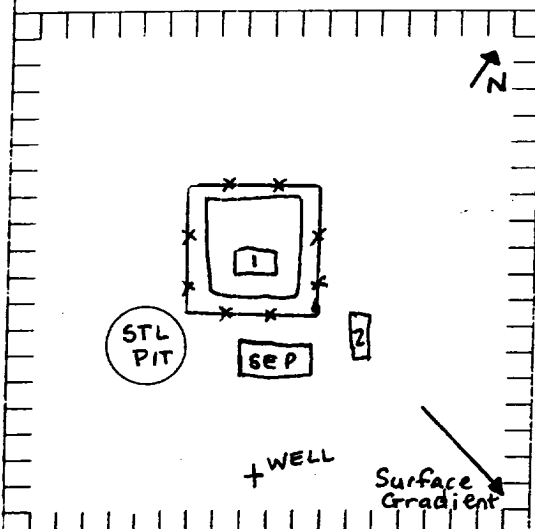
RECOMMEND REMEDIATION WITHIN PIT TEST HOLE LOGS AREA

SAMPLE INVENTORY		
SMPL ID	SMPL TYPE	LABORATORY ANALYSIS
T1 @ 4'	SOIL	5360 ppm
T2 @ 5'	SOIL	12 PPM
T2 @ 5'	SOIL	BTEX

SCALE

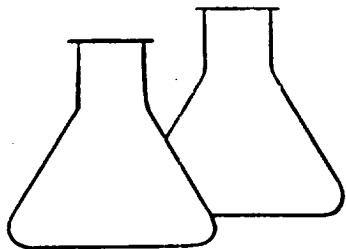
0 10 20 FEET

SITE DIAGRAM



GD	TH#: 1			TH#: 2			TH#: 3			TH#: 4		
	SOIL TYPE	SMPL TYPE	QVM/TPH	SOIL TYPE	SMPL TYPE	QVM/TPH	SOIL TYPE	SMPL TYPE	QVM/TPH	SOIL TYPE	SMPL TYPE	QVM/TPH
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												

SOIL TYPE: C - Clay, M - Sil, S - Sand, G - Gravel Plasticity: L - None, H - Plastic Grading: P - Poorly, W - Well



ENVIROTECH LABS

5796 US HIGHWAY 64-3014 • FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615 • FAX: (505) 632-1865

FIELD MODIFIED EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client:	Phillips Petroleum	Project #:	93163
Sample ID:	T1 @ 4'	Date Analyzed:	1-4-94
Project Location:	San Juan 29-6, #111	Date Reported:	1-6-94
Laboratory Number:	GAC0353	Sample Matrix:	Soil

Parameter -----	Result, mg/kg -----	Detection Limit, mg/kg -----
Total Recoverable Petroleum Hydrocarbons	5400	100

ND = Not Detectable at stated detection limits.

QA/QC:	QA/QC Sample TPH mg/kg -----	Duplicate TPH mg/kg -----	% *Diff. -----
	76	110	37

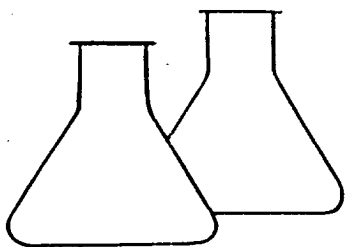
*Administrative Acceptance limits set at 30%.

Method: Modified Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No.4551, 1978

Comments: Separator Pit PA114

R. E. O'Neil
Analyst

Morris S. Young
Review



ENVIROTECH LABS

5796 US HIGHWAY 64-3014 • FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615 • FAX: (505) 632-1865

FIELD MODIFIED EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client:	Phillips Petroleum	Project #:	93163
Sample ID:	T2 @ 5'	Date Analyzed:	1-4-94
Project Location:	San Juan 29-6, #111	Date Reported:	1-6-94
Laboratory Number:	GAC0354	Sample Matrix:	Soil

Parameter -----	Result, mg/kg -----	Detection Limit, mg/kg -----
Total Recoverable Petroleum Hydrocarbons	12	10

ND = Not Detectable at stated detection limits.

QA/QC:	QA/QC Sample TPH mg/kg -----	Duplicate TPH mg/kg -----	% *Diff. -----
	76	110	37

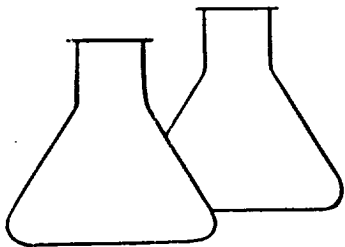
*Administrative Acceptance limits set at 30%.

Method: Modified Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No.4551, 1978

Comments: Separator Pit PA114

R. E. O'Neil
Analyst

M. J. Young
Review



ENVIROTECH LABS

5796 US HIGHWAY 64-3014 • FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615 • FAX: (505) 632-1865

EPA METHOD 8020 AROMATIC VOLATILE ORGANICS

Client:	Phillips	Project #:	93163
Sample ID:	T 2 @ 5'	Date Reported:	01-05-94
Laboratory Number:	6699	Date Sampled:	01-04-94
Sample Matrix:	Soil	Date Received:	01-05-94
Preservative:	Cool	Date Extracted:	01-05-94
Condition:	Cool & Intact	Date Analyzed:	01-05-94
		Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	13.1
Toluene	119	32.8
Ethylbenzene	ND	13.1
p,m-Xylene	196	32.8
o-Xylene	39.7	32.8

SURROGATE RECOVERIES:	Parameter	Percent Recovery
	Trifluorotoluene	100 %
	Bromofluorobenzene	102 %

Method: Method 5030, Purge-and-Trap, Test Methods for
Evaluating Solid Waste, SW-846, USEPA, July 1992

Method 8020, Aromatic Volatile Organics, Test Methods
for Evaluating Solid Waste, SW-846, USEPA, Sept. 1986.

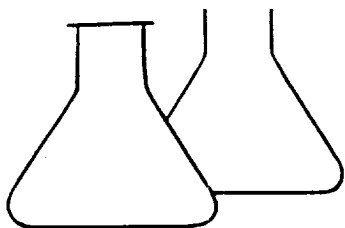
ND - Parameter not detected at the stated detection limit.

Comments: San Juan 29-6 #111 PA114

Shawn L. O'Brien
Analyst

Maria D. Young
Review

ONSITE: 5-18-94



ENVIROTECH LABS

5796 US HIGHWAY 64-3014 • FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615 • FAX: (505) 632-1865

FIELD MODIFIED EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client:	Phillips Petroleum	Project #:	93163
Sample ID:	CB @ 4'	Date Analyzed:	5-18-94
Project Location:	San Juan 29-6 #111	Date Reported:	5-18-94
Laboratory Number:	GAC0511	Sample Matrix:	Soil

Parameter	Result, mg/kg	Detection Limit, mg/kg
Total Recoverable Petroleum Hydrocarbons	2600	100

ND = Not Detectable at stated detection limits.

QA/QC:	QA/QC Sample TPH mg/kg	Duplicate TPH mg/kg	% *Diff.
	7.860	5,200	41

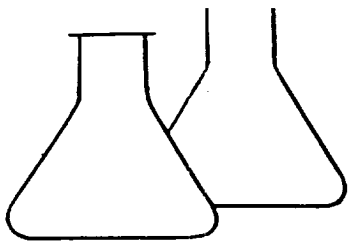
*Administrative Acceptance limits set at 30%.

Method: Modified Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No.4551, 1978

Comments: Separator Pit PA114

R. E. O'Neil
Analyst

M. J. Young
Review



ENVIROTECH LABS

5796 US HIGHWAY 64-3014 • FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615 • FAX: (505) 632-1865

EPA METHOD 8020 AROMATIC VOLATILE ORGANICS

Client:	Phillips	Project #:	93163
Sample ID:	SS @ 2'	Date Reported:	05-19-94
Laboratory Number:	7456	Date Sampled:	05-18-94
Sample Matrix:	Soil	Date Received:	05-18-94
Preservative:	Cool	Date Extracted:	05-19-94
Condition:	Cool & Intact	Date Analyzed:	05-19-94
		Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	1,790	13.2
Toluene	16,900	26.4
Ethylbenzene	7,500	13.2
p,m-Xylene	106,100	19.8
o-Xylene	97,500	13.2

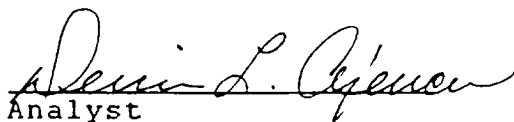
SURROGATE RECOVERIES:	Parameter	Percent Recovery
	Trifluorotoluene	97 %
	Bromofluorobenzene	100 %

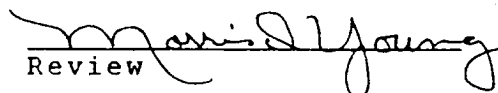
Method: Method 5030, Purge-and-Trap, Test Methods for
Evaluating Solid Waste, SW-846, USEPA, July 1992

Method 8020, Aromatic Volatile Organics, Test Methods
for Evaluating Solid Waste, SW-846, USEPA, Sept. 1986.

ND - Parameter not detected at the stated detection limit.

Comments: San Juan 29-6 #111 Separator Pit PA114


Analyst


Review

CHAIN OF CUSTODY RECORD

[illegible]

ENVIROTECH INC.
5796 U.S. Highway 64-3014
Farmington, New Mexico 87401
(505) 632-0615

CLIENT: Phillips

ENVIROTECH Inc.

5796 US HWY 64, FARMINGTON, NM 87401
(505) 632-0615PIT NO: PA114C.O.C. NO: 4193

FIELD REPORT: CLOSURE VERIFICATION

JOB No: 93103PAGE No: L of 1LOCATION NAME: ST 29-6 #WELL # 111 PC PITDATE STARTED: 5-10-95

DATE FINISHED: _____

QUAD/UNIT SEC TWP RNG BM CNTY ST

GTR/EDTAGE

CONTRACTOR: EnvirotechENVIRONMENTAL
SPECIALIST: CJCSOIL REMEDIATION: EXCAVATION APPROX. 18 FT. x 24 FT. x 3.5 FT. DEEP.

DISPOSAL FACILITY: _____ CUBIC YARDAGE: _____

LAND USE: _____ LEASE: _____

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY _____ FEET _____ FROM WELLHEAD
DEPTH TO GROUNDWATER 2100 NEAREST WATER SOURCE: _____ NEAREST SURFACE WATER: _____NMDD RANKING SCORE: _____ NMDD TPH CLOSURE STD 5000 ppm

SOIL AND EXCAVATION DESCRIPTION:

FIELD AREA CALCULATIONS

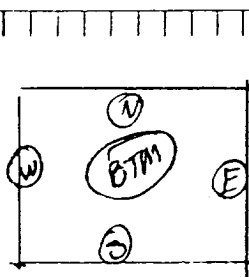
SAMPLE NO.	LAB No.	WEIGHT (g)	ML. FREON DILUTION	READING	CALC.	ppm
NW@3'	1050	10.63	20.0	1	207	389
NW@3'	1051	10.39	20.0	1	233	465
SW@3'	1052	10.02	20.0	10	230	4600
BTM@4'	1053	10.65	20.0	1	260	49
EW@3'	1054	10.57	20.0	1	37	70

SCALE

0

20 FEET

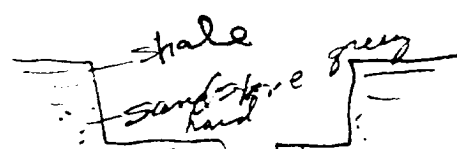
PIT PERIMETER



RESULTS

SAMPLE NO.	FIELD HEADSPACE PID (ppm)
1 NW	1110.0
2 NW	479
3 SW	1150
4 BTM	1150
5 EW	169
LAB SAMPLES	
SW@3'	BTEX

PIT PROFILE



TRAVEL NOTES:

CALLOUT: 730ONSITE: 930

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

FIELD MODIFIED EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client:	PHILLIPS PETROLEUM	Project #:	93163
Sample ID:	N. Wall @ 3'	Date Analyzed:	05/10/95
Project Location:	San Juan 29-6, 111PC	Date Reported:	05/18/95
Laboratory Number:	GAC1050	Sample Matrix:	Soil

Parameter	Result, mg/kg	Detection Limit, mg/kg
Total Recoverable Petroleum Hydrocarbons	390	10

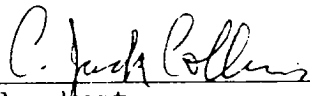
ND = Not Detectable at stated detection limits.

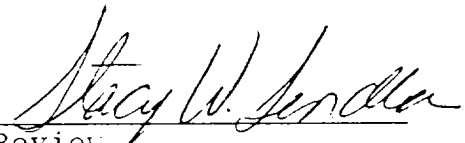
QA/QC:	Original TPH mg/kg	Duplicate TPH mg/kg	% Diff.*
	10	13	26

*Administrative Acceptance limits set at 30%.

Method: Modified Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, US EPA Storet No.4551, 1978

Comments: Separator Pit # PA114


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

FIELD MODIFIED EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client:	PHILLIPS PETROLEUM	Project #:	93163
Sample ID:	W. Wall @ 3'	Date Analyzed:	05/10/95
Project Location:	San Juan 29-6, 111PC	Date Reported:	05/18/95
Laboratory Number:	GAC1051	Sample Matrix:	Soil

Parameter	Result, mg/kg	Detection Limit, mg/kg
Total Recoverable Petroleum Hydrocarbons	450	10

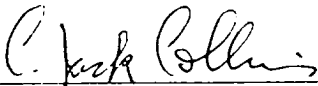
ND = Not Detectable at stated detection limits.

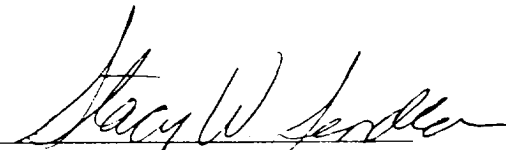
QA/QC:	Original TPH mg/kg	Duplicate TPH mg/kg	% Diff.*
	10	13	26

*Administrative Acceptance limits set at 30%.

Method: Modified Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, US EPA Storet No.4551, 1978

Comments: Separator Pit # PA114


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

FIELD MODIFIED EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client: PHILLIPS PETROLEUM
Sample ID: S. Wall @ 3'
Project Location: San Juan 29-6, 111PC
Laboratory Number: GAC1052

Project #: 93163
Date Analyzed: 05/10/95
Date Reported: 05/18/95
Sample Matrix: Soil

Parameter	Result, mg/kg	Detection Limit, mg/kg
Total Recoverable Petroleum Hydrocarbons	4,600	100

ND = Not Detectable at stated detection limits.

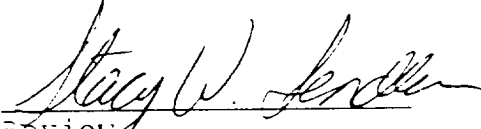
QA/QC:	Original TPH mg/kg	Duplicate TPH mg/kg	% Diff.*
	10	13	26

*Administrative Acceptance limits set at 30%.

Method: Modified Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, US EPA Storet No.4551, 1978

Comments: Separator Pit # PA114


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

FIELD MODIFIED EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client: PHILLIPS PETROLEUM
Sample ID: Bottom @ 4'
Project Location: San Juan 29-6, 111PC
Laboratory Number: GAC1053

Project #: 93163
Date Analyzed: 05/10/95
Date Reported: 05/18/95
Sample Matrix: Soil

Parameter	Result, mg/kg	Detection Limit, mg/kg
Total Recoverable Petroleum Hydrocarbons	49	10

ND = Not Detectable at stated detection limits.

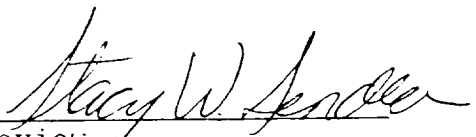
QA/QC:	Original TPH mg/kg	Duplicate TPH mg/kg	% Diff.*
	10	13	26

*Administrative Acceptance limits set at 30%.

Method: Modified Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, US EPA Storet No.4551, 1978

Comments: Separator Pit # PA114


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

FIELD MODIFIED EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client: PHILLIPS PETROLEUM
Sample ID: E. Wall @ 3'
Project Location: San Juan 29-6, 111PC
Laboratory Number: GAC1054

Project #: 93163
Date Analyzed: 05/10/95
Date Reported: 05/18/95
Sample Matrix: Soil

Parameter	Result, mg/kg	Detection Limit, mg/kg
Total Recoverable Petroleum Hydrocarbons	70	10

ND = Not Detectable at stated detection limits.

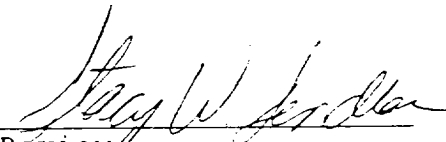
QA/QC:	Original TPH mg/kg	Duplicate TPH mg/kg	% Diff.*
	10	13	26

*Administrative Acceptance limits set at 30%.

Method: Modified Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, US EPA Storet No.4551, 1978

Comments: Separator Pit # PA114


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8020 AROMATIC VOLATILE ORGANICS

Client:	Phillips	Project #:	93163
Sample ID:	S. Wall @ 3'	Date Reported:	05-11-95
Laboratory Number:	8486	Date Sampled:	05-10-95
Chain of Custody:	4193	Date Received:	05-10-95
Sample Matrix:	Soil	Date Analyzed:	05-11-95
Preservative:	Cool	Date Extracted:	05-11-95
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	20.1
Toluene	ND	20.1
Ethylbenzene	21.9	13.4
p,m-Xylene	849	26.8
o-Xylene	312	13.4

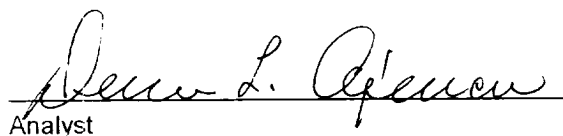
ND - Parameter not detected at the stated detection limit.

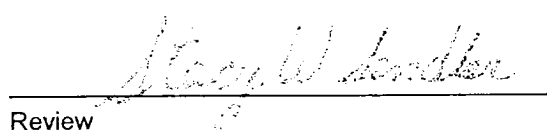
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	93 %
	Bromofluorobenzene	95 %

References: Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1994.

Comments: San Juan 29-6 #111 PC.


Analyst


Review

San Juan repro Form 578-81

ENVIROTECH Inc.

5796 US HWY. 64, FARMINGTON, NM 87401
(505) 632-0615

PJT No: PA114
C.O.C. #:

FIELD REPORT: REMEDIATION FACILITY CLOSURE VERIFICATION

JOB No: 93163
PAGE No: 1 of 1

FACILITY LOCATION: San Juan 29-6 # 111 PC

SOURCE LOCATION:

SOURCE LOCATION:

SOURCE LOCATION:

FACILITY CLASSIFICATION: Landfill

PT TYPE: SEP

DATE STARTED: 5-10-95
DATE FINISHED:

ENVIRONMENTAL
SPECIALIST: CJC

SOIL REMEDIATION: QUANTITY: 32.5 yds.

DIMENSIONS: 24 X 33 X .75' X 21 X 277.5'

OF COMP. SAMPLES: 1

VISIBLE OBSERVATIONS:

SAMPLING PLAN:

FIELD NOTES & REMARKS: FACILITY CENTER LOCATED APPROX 24 YARDS NW FROM WELLHEAD.

DEPTH TO GROUNDWATER:

NEAREST WATER SOURCE TYPE:

NEAREST SURFACE WATER:

MAX. TPH PER NMDD

NO. OF 5-POINT
COMPOSITE SAMPLES

YARDAGE =

0-200 =

201-400 =

401-1000 =

1000 =

GAC # 1049

20.0
10.63

x 79 x 1 = 148 ppm TPH

FACILITY DIAGRAM

SPR. SCALE 10'

OVN RESULTS

SAMPLE FIELD HEADSPACE
ID FC 100m

C1 87.2

34
NORTH



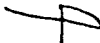
WELLHEAD

LAB RESULTS

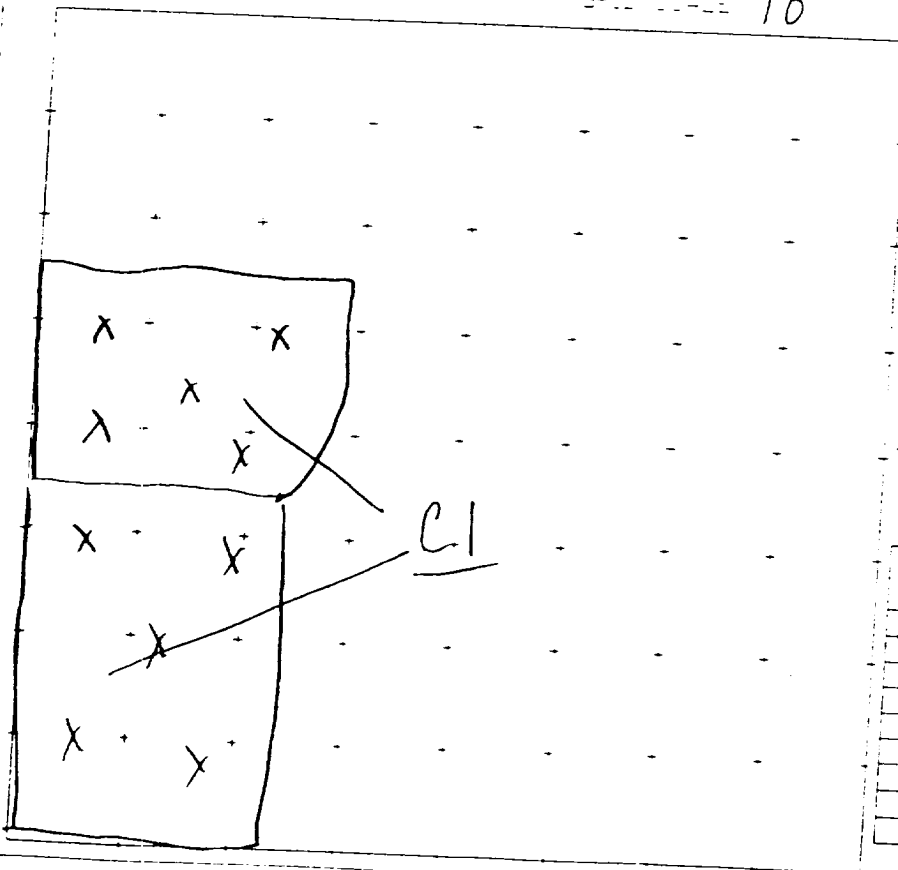
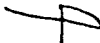
SAMPLE ANALYSIS RESULTS
ID FC 100m

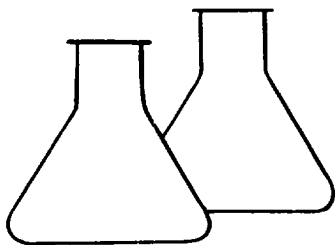
GAC
C1 TPH MB

SURFACE
FLOW DIR



ESTIMATED
GROUNDWATER
FLOW DIR.





ENVIROTECH LABS

5796 US HIGHWAY 64-3014 • FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615 • FAX: (505) 632-1865

FIELD MODIFIED EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client:	Phillips Petroleum Company	Project #:	93163-01
Sample ID:	C1-LF	Date Analyzed:	05/10/95
Project Location:	San Juan 29-6 # 111PC	Date Reported:	05/10/95
Laboratory Number:	GAC1049	Sample Matrix:	Soil

<u>Parameter</u>	<u>Result, mg/kg</u>	<u>Detection Limit, mg/kg</u>
Total Recoverable Petroleum Hydrocarbons	150	10

ND = Not Detectable at stated detection limits.

<u>QA/QC:</u>	<u>QA/QC Sample</u> TPH mg/kg	<u>Duplicate</u> TPH mg/kg	<u>%</u> *Diff.
	580	510	13

*Administrative Acceptance limits set at 30%.

Method: Modified Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No.4551, 1978

Comments: LANDFARM Pit # PA114

P. Jack Collins
Analyst

C. Chabot
Review