District I

State of New Mexico

Energy, Minerals and Natural Resources Department

APPROPRIATE DISTRICT OFFICE AND 1 COPY TO SANTA FE OFFICE

SUBMIT 1 COPY TO

P.O. Box 1980, Hobbs, NM En

DIBDERITY OF & GAS INSPECTOR

1000 Rio Brazos Rd, Aztec, NM 87410 DEC 11 3 1996

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

PIT REMEDIATION AND CLOSURE REPORT

April 18 to		
· · ·		Telephone: (505) - 326-9200
	200 Amoco Court, Farmington	
Pacility Or:	PIPKIN GC,	9.1
		C TETA RIOW County SAN TWAN
pit Type: Sepa	rator \times Dehydrator $_$ O	ther
Land Type: BL	M, State, Fee	, other Com. AGMT.
Pit Location: (Attach diagram)	Reference: wellhead X Footage from reference:	Z , width Z3 , depth 10
Depth To Ground (Vertical distance contaminants to limit high water elevations of the country of	ce from seasonal tion of	Less than 50 feet (20 points) 50 feet to 99 feet (10 points) Greater than 100 feet (0 Points)
domestic water so	ection Area: eet from a private ource, or; less than ll other water sources)	Yes (20 points) No (0 points)
Distance To SU (Horizontal distance) lakes, ponds, ri- irrigation canal	ance to perennial vers, streams, creeks,	Less than 200 feet (20 points) 200 feet to 1000 feet (10 points) Greater than 1000 feet (0 points)
		RANKING SCORE (TOTAL POINTS): $\frac{40}{}$
11		

Date Remediation St	arted:	Date Completed:	9/22/94
Remediation Method:		Approx. cubic yards	
(Check all appropriate sections)	Landfarmed	Insitu Bioremediation _	
,	Other Compo	STED	
Remediation Location (ie. landfarmed onsite, name and location of offsite facility)	,	fsite	•
General Description	Of Remedial Actio	n:	
Excavation	on		
Ground Water Encoun	tered: No 🔀	Yes Depth	
Final Pit: Closure Sampling: (if multiple samples,	Sample location _	see Attached Documents	
attach sample results and diagram of sample	Sample depth	10	
locations and depths)	Sample date $\frac{9/3}{}$	2/94 Sample time	1025
	Sample Results		
	Benzene(ppm)		
,	Total BTEX(p	pm)	
	Field headsp	pace(ppm) 5.8	
	$_{ exttt{TPH}}$ $\mathcal{N}\mathcal{D}$		
Ground Water Sample		imes (If yes, attach sample	results)
I HEREBY CERTIFY TH OF MY KNOWLEDGE AND		ABOVE IS TRUE AND COMPLET	TE TO THE BEST
DATE 9/23/94 SIGNATURE BASI	PRINTED AND TIT	NAME Buddy D. S.	haw Coordinator

BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	C.O.C. NO:
FIELD REPORT: CLOSURE VERIFICATION	PAGE No:/_ of/_
LOCATION: NAME. PIPKIN GC WELL #: A) PIT: SEP	DATE STARTED: 9/22/94 DATE FINISHED:
TWO TO DIE STORY	ENVIRONMENTAL SPECIALIST NV
SOIL REMEDIATION: FXCAVATION APPROX. 21 FT. x 23 FT. x	
DISPOSAL FACILITY: COMPOSTED ON-SITE CUBIC YARD	77875
FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY	WATER: < 200
NMOCD RANKING SCORE: 40 NMOCD TPH CLOSURE STD: 100 PPM	FORMATION: DK
SOIL AND EXCAVATION DESCRIPTION: CK. YELL, BROWN CLAY, HIGHLY PLASTIC	
NO APPARENT HE ODER.	
FIELD 418.1 CALCULATIONS	
SAMPLE I.D. LAB NO: WEIGHT (g) ML. FREON DILUTION READING CALC	D CLOSED
SCALE	
PIT PERIMETER TO RESULTS PIT	PROFILE
SAMPLE FIELD HEADSPACE PID (ppin) 1 © 5' /. /	,,
20 5 10.5	
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	/ /0 '
33 (1)	
A 3	
LAB SAMPLES	
went	
4 1/8-	
TRAVEL NOTES: CALLOUT: 9/20/94 ONSITE: 9/22/94	

BLAGG ENGINEERING, INC.

P.O. Box 87, Bloomfield, New Mexico 87413 Phone: (505)632-1199 Fax: (505)632-3903

FIELD MODIFIED EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client:

Amoco

Sample ID:

5 @ 10'

Project Location:

Laboratory Number:

Pipkin GC A 1

TPH-1156

Project #:

Date Analyzed:

9-23-94

Date Reported:

9-23-94

Sample Matrix:

Soil

Parameter	Result, mg/kg	Detection Limit, mg/kg
Total Recoverable Petroleum Hydrocarbons	ND	20

ND = Not Detectable at stated detection limits.

QA/QC:

QA/QC Sample
TPH mg/kg

Duplicate
TPH mg/kg

% *Diff.

372

416

11.17

Method:

Modified Method 418.1, Petroleum Hydrocarbons, Total

Recoverable, Chemical Analysis of Water and Waste,

USEPA Storet No.4551, 1978

Comments:

Separator Pit - B0101

Analyst

Review

^{*}Administrative Acceptance limits set at 30%.

District I
O. Box 1980, Hobbs, NM
District II
O. Drawer DD, Artesia, NM 88211
District III
OOO Rio Brazos Rd, Aztoc, 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

OIL CONSERVATION DIVISION P.O. Box 2088 Santa Fe, New Mexico 87504-2088

PIT REMEDIATION AND CLOSURE REPORT

Operator: Amoco Production Company	Telephone: (505) · 326-9200
Address: 200 Amoco Court, Farmington	, New Mexico 87401
Facility Or: PIPKIN GC A1 Well Name	
Location: Unit or Qtr/Qtr Sec N Se	C 7 TZ7d R/OW County SAN JUAN
Pit Type: Separator Dehydrator O	ther 820W
Land Type: BLM, State, Fee	, Other Com. AGMT
Footage from reference:	, other
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) 20
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) <u>O</u>
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)
	RANKING SCORE (TOTAL POINTS): $\frac{40}{100}$

		Date Completed:	9/22/94
Date Remediation St.		Date Completed:	312
Remediation Method: (Check all appropriate		Approx. cubic yards	
sections)	Landfarmed	Insitu Bioremediation	
	other Compo	57ED	
Remediation Location	$n:$ onsite \times off:	site	
(ie. landfarmed onsite, name and location of offsite facility)			
General Description	Of Remedial Action	:	
Excavation	on		
Ground Water Encoun	tered: No	Yes X Depth 6	
		Attached Documents	
Final Pit: Closure Sampling:	Sample location	see Attached Documents	
(if multiple samples, attach sample results		, 1	
and diagram of sample locations and depths)	Sample depth		0945
Incaciona and departs	Sample date $\frac{9}{z^2}$	Sample cime	
	Sample Results		
	Benzene (ppm)		
•		dad 1.2 (me	
	Field headspa	ace(ppm) 1.5 max on side u	V CL?
	TPH	<u> </u>	
Ground Water Sample	a: Yes 🔀 No _	(If yes, attach sample	results)
I HEREBY CERTIFY THOSE AND	HAT THE INFORMATION D BELIEF	ABOVE IS TRUE AND COMPLE	ETE TO THE BEST
DATE 9/26/94		RIINS	haut.
SIGNATURE SAS	haw PRINTED AND TIT	NAME Buddy DS	Conrdinator

BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>80101</u> C.O.C. NO:
FIELD REPORT: CLOSURE VERIFICATION	PAGE No: of
LOCATION: NAME: PIPKIN &C WELL #: A! PIT: BLOW QUAD/UNIT: /V SEC:) TWP: Z7 N RNG: 10 PM: NM CNTY: SJ STNM QTR/FDDTAGE: SE/4 SW/4 CONTRACTOR: EPC	DATE STARTED: 9/22/94 DATE FINISHED: ENVIRONMENTAL NV
SOIL REMEDIATION: EXCAVATION APPROX. 35 FT. x 4/2 FT. x DISPOSAL FACILITY: Composite on-5/TE CUBIC YARI LAND USE: RANGE LEASE: 5F - 0	DAGE:
FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 185 FEET A DEPTH TO GROUNDWATER: <50' NEAREST WATER SOURCE: >100' NEAREST SURFACE NMOCD RANKING SCORE: 40 NMOCD TPH CLOSURE STD: 100 PPM	E WATER:
SOIL AND EXCAVATION DESCRIPTION: DK. YELL. ORTHOGE TO BRIND SILTY S SLIGHTLY MOIST FIRM TO SLIGHTLY DENS DUM . BOTTOM CONT. ST = HIGHLY. I WET (, N SIME FIRET), WERY STIEF, GW AREAS. FIELD 418.1 CALCULATIONS SAMPLE I.D. LAB NO: WEIGHT (g) ML. FREON DILUTION READING CAL	CIBLICIA VEST LO
O FT PERIMETER N RESULTS PIT	PROFILE
SAMPLE FIELD HEADSPACE PID (ppin) 1	A' 35' 1 instic any ver stic.
TRAVEL NOTES: 0/20/94 ONSITE: 9/22/94	



AROMATIC VOLATILE ORGANICS

Attn:

Nelson Velez

Date:

9/24/94

Company: Blagg Engineering

Lab ID:

2050 3197

Address:

P.O. Box 87

Sample ID: Job No.

2-1000

City, State: Bloomfield, NM 87413

Pipkin GC A1

Project Name: **Project Location:**

PW 1 @ GW (6') - Blow Pit

NV

Date: Date:

9/22/94

9/23/94

Time:

9:45

Analyzed by: Sample Matrix:

Sampled by:

DLA Liquid

Aromatic Volatile Organics

Component	Measured Concentration ug/L	Detection Limit Concentration ug/L
Benzene	1.4	0.2
Toluene	ND	0.2
Ethylbenzene	ND	0.2
	0.7	0.2
m,p-Xylene o-Xylene	ND	0.2
	TOTAL 2.1 ug/L	

ND - Not Detectable

Method - SW-846 EPA Method 8020 Aromatic Volatile Organics by Gas Chromatography

Approved by:

FAX: (505) 327-1496 • 24 HR. – (505) 327-7105 • OFF.: (505) 325-8786 3005 NORTHRIDGE DRIVE • SUITE F • P. O. BOX 2606 • FARMINGTON, NEW MEXICO 87499