

PIT REMEDIATION AND CLOSURE REPORT

PIT REMEDIATION AND CLOSURE REPORT

RANKING SCORE (TOTAL POINTS):

BJ 530

BLOW PIT

Date Remediation Started: _____ Date Completed: 2/4/98Remediation Method: Excavation ☒
(Check all appropriate sections) Landfarming ☒
Other _____
Approx. cubic yards 100
Insitu Bioremediation _____Remediation Location: Onsite ☒ Offsite _____
(i.e. landfarming onsite, name and location of offsite facility)General Description of Remedial Action: ExcavationGroundwater Encountered: No ☒ Yes _____ Depth _____Final Pit: Closure Sampling:
(if multiple samples, attach sample results and diagram of sample locations and depths)
Sample location see Attached Documents
Sample depth 18' (PIT BOTTOM)
Sample date 2/3/98 Sample time 1115

Sample Results

Soil: Benzene	(ppm) _____	Water: Benzene	(ppb) _____
Total BTEX	(ppm) _____	Toluene	(ppb) _____
Field Headspace	(ppm) <u>0.0</u>	Ethylbenzene	(ppb) _____
TPH	(ppm) <u>42.5</u>	Total Xylenes	(ppb) _____

Groundwater Sample: Yes _____ No ☒ (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 2/4/98 PRINTED NAME Buddy D. Shaw
SIGNATURE Buddy D. Shaw AND TITLE Environmental Coordinator

AFTER REVIEW OF THE PIT CLOSURE INFORMATION, PIT CLOSURE IS APPROVED IN ACCORDANCE TO THE JICARILLA APACHE TRIBE PIT CLOSURE ORDINANCE.

APPROVED: YES ☒ NO _____ (REASON) _____SIGNED: Kurt Mamm DATE: 2-6-98

CLIENT: <u>AMOCO</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>BJ530</u> C.D.C. NO: <u>5723</u>
----------------------	--	---

FIELD REPORT: CLOSURE VERIFICATION		PAGE No: <u>1</u> of <u>1</u>
LOCATION: NAME: <u>JICA. CONTR. 148</u> WELL #: <u>8</u> PIT: <u>BLOW</u>		DATE STARTED: <u>2/3/98</u> DATE FINISHED: _____
QUAD/UNIT: <u>F SEC: 23 TWP: 25N RNG: 5W PM: NM CNTY: RA ST: NM</u>		ENVIRONMENTAL SPECIALIST: <u>NV</u>
QTR/FOOTAGE: <u>SE 1/4 NW 1/4</u> CONTRACTOR: <u>P & S</u>		

EXCAVATION APPROX. <u>17</u> FT. x <u>22</u> FT. x <u>16</u> FT. DEEP.	CUBIC YARDAGE: <u>100</u>
DISPOSAL FACILITY: <u>ON-SITE</u>	REMEDIATION METHOD: <u>LANDFILL</u>
LAND USE: <u>RANGE</u>	LEASE: <u>JIC 148</u> FORMATION: <u>PC</u>

FIELD NOTES & REMARKS:	PIT LOCATED APPROXIMATELY <u>100</u> FT. <u>N35E</u> FROM WELLHEAD.	
DEPTH TO GROUNDWATER: <u>>100'</u>	NEAREST WATER SOURCE: <u>>1000'</u>	NEAREST SURFACE WATER: <u>>1000'</u>
NMOC D RANKING SCORE: <u>0</u>	NMOC D TPH CLOSURE STD: <u>5000</u> PPM	
SOIL AND EXCAVATION DESCRIPTION:		

CHECK ONE:

☒ PIT ABANDONED

☐ STEEL TANK INSTALLED

☐ FIBERGLASS TANK INSTALLED

MOSTLY MOO. TO DK. YELL. BROWN SAND, NON COHESIVE, SLIGHTLY MOIST, FIRM, NO APPARENT STAINING OR HC ODOR OBSERVED w/in EXCAVATION, NO APPARENT HC ODOR IN ANY OF THE OUM SAMPLES.

CLOSED

SCALE

0 FT

FIELD 418.1 CALCULATIONS

TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm

PIT PERIMETER 4N

OVM RESULTS

SAMPLE ID	FIELD HEADSPACE PID (ppm)
1 @ 12'	0.0
2 @ 11'	0.0
3 @ 10'	0.0
4 @ 10'	0.0
5 @ 18'	0.0

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
EX-18'	TPH 418.	1/15
PASSED		

PIT PROFILE

TRAVEL NOTES:	CALLOUT: <u>NA</u>	ONSITE: <u>2/3/98</u>
---------------	--------------------	-----------------------

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

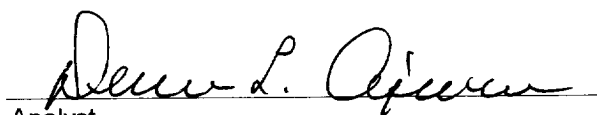
Client:	Blagg / AMOCO	Project #:	04034-10
Sample ID:	5 @ 18'	Date Reported:	02-04-98
Laboratory Number:	C874	Date Sampled:	02-03-98
Chain of Custody No:	5723	Date Received:	02-04-98
Sample Matrix:	Soil	Date Extracted:	02-04-98
Preservative:	Cool	Date Analyzed:	02-04-98
Condition:	Cool and Intact	Analysis Needed:	TPH-418.1

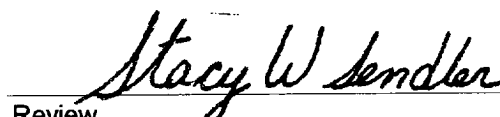
Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	42.5	5.0

ND = Parameter not detected at the stated detection limit.

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

Comments: **Jicarilla Contract 148-8 Blow Pit.**


Analyst


Review

(505) 632-0615

JICARILLA APACHE TRIBE
ENVIRONMENTAL PROTECTION OFFICE
P.O. BOX 507
DULCE, NEW MEXICO 87528

BJ530

SUBMIT 1 COPY TO
NATURAL RESOURCE DEPT
AND OIL & GAS ADMINISTRATION

ON-SITE SOIL REMEDIATION REPORT

Operator: AMOCO PRODUCTION COMPANY Telephone: (505) 326-9200
Address: 200 Amoco Court, Farmington, NM 87401
Facility or Well Name: JICARILLA CONTRACT 148-B
Location: Unit or Qtr/Qtr Sec F Sec 23 T 25N R 5W County BLAIRE
Land Type: RANGE
Date Remediation Started: 2-3-98 Date Completed: 1/12/99
Remediation Method: Landfarmed ☒ Approx. cubic yards 100
Composted ☐
Other ☐

		Final Closure Sampling:
Depth To Groundwater:	(pts.) <u>0</u>	Sampling Date: <u>1-6-99</u> Time: <u>1150</u>
Distance to an Ephemeral Stream	(pts.) <u>0</u>	Sample Results:
Distance to Nearest Lake, Playa, or Watering Pond	(pts.) <u>0</u>	Field Headspace (ppm) <u>0.0</u>
Wellhead Protection Area:	(pts.) <u>0</u>	TPH (ppm) <u>10.7</u> Method <u>8015</u>
Distance To Surface Water:	(pts.) <u>0</u>	Other <u> </u>
RANKING SCORE (TOTAL POINTS): <u>0</u>		

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

DATE 1/12/99 PRINTED NAME Buddy D. Shaw
SIGNATURE Buddy D. Shaw AND TITLE Environmental Coordinator

AFTER REVIEW OF THE SOIL REMEDIATION INFORMATION, ON-SITE REMEDIATION IS APPROVED IN ACCORDANCE TO THE JICARILLA APACHE TRIBE PIT CLOSURE ORDINANCE.

APPROVED: YES ☒ NO ☐ (REASON)

SIGNED: Kent M. M... DATE: 3-31-99

CLIENT: AMOCOBLAGG ENGINEERING, INC.
P.O. BOX 87, BLOOMFIELD, NM 87413
(505) 632-1199LOCATION NO: 83530C.D.C. NO: 6534

FIELD REPORT: LANDFARM/COMPOST PILE CLOSURE VERIFICATION

LOCATION: NAME: JCARILLA CONTRACT 148 WELL #: 8PITS: BLOWDATE STARTED: 1.6.99DATE FINISHED: 1/2/99QUAD/UNIT: F SEC: 23 TWP: 25N RNG: 5W PM: NM CNTY: RA ST: NMQTR/FOOTAGE: SE/4 NW/4CONTRACTOR: P+SENVIRONMENTAL
SPECIALIST: REP

SOIL REMEDIATION:

REMEDATION SYSTEM: LANDFARMAPPROX. CUBIC YARDAGE: 100LAND USE: RANGELIFT DEPTH (ft): 1-2

FIELD NOTES & REMARKS:

DEPTH TO GROUNDWATER: >100 NEAREST WATER SOURCE: >1000' NEAREST SURFACE WATER: >1000'NMOCD RANKING SCORE: 0 NMOCD TPH CLOSURE STD: 5000 PPM

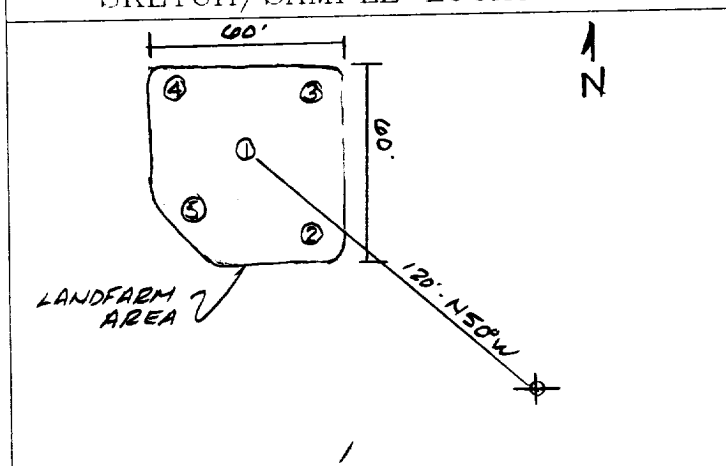
DK YELLOW ORANGE TO DK. BROWN BAND, NON COHESIVE SLIGHTLY MOIST, FIRM
NO APPARENT STAINING OR H.C. OBSERVED. SAMPLING DEPTHS RANGE FROM
6" TO 18" TOOK A SPT. COMPOSITE SAMPLE FOR LAB ANALYSIS.

CLOSED

FIELD 418.1 CALCULATIONS

SAMP. TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm

SKETCH/SAMPLE LOCATIONS



OVM RESULTS

LAB SAMPLES

SAMPLE ID	FIELD HEADSPACE PID (ppm)	SAMPLE ID	ANALYSIS	TIME	RESULTS
LF-1	0.0	LF-1	TPH (8015)	1150	10.7

SCALE

0 FT

TRAVEL NOTES:

CALLOUT: N/AONSITE: 1.6.99

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

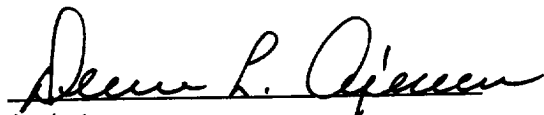
Client:	Blagg / AMOCO	Project #:	04034-10
Sample ID:	LF - 1	Date Reported:	01-08-99
Laboratory Number:	E476	Date Sampled:	01-06-99
Chain of Custody No:	6534	Date Received:	01-07-99
Sample Matrix:	Soil	Date Extracted:	01-08-99
Preservative:	Cool	Date Analyzed:	01-08-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH


Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	9.6	0.2
Diesel Range (C10 - C28)	1.1	0.1
Total Petroleum Hydrocarbons	10.7	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: Jicarilla Contract 148 - 8 Landfarm. 5 Pt. Composite.


Analyst


Review

6534

[illegible]