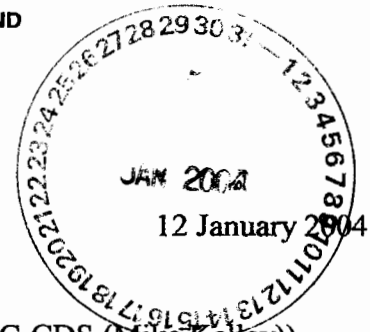




REPLY TO  
ATTENTION OF:

ATZC-DOE (200-D)

FB2004  
DEPARTMENT OF THE ARMY  
HEADQUARTERS, U. S. ARMY GARRISON COMMAND  
1741 MARSHALL ROAD  
FORT BLISS, TEXAS 79916-6816



MEMORANDUM FOR US Army Environmental Center (SFIM-AEC-CDS (Mike Kelley)),  
5179 Hoadley Road, Aberdeen Proving Ground, MD 21010

SUBJECT: Decision Document Detailing the Choice of Remediation Action at Two Defense  
Environmental Restoration Program (DERP) Site

## 1. REFERENCES.

- a. Draft Interim Policy for Staffing and Approving Decision Documents (DDS) (including National Priorities list (NPL) Records of Decision (RODS)) at Active (Operational) Installation.
- b. Paragraph 9-7.f. (3), DA Pamphlets 200-1, Environmental Protection and Enhancement, January 2002.
- c. Memorandum, SFIM-AEC-IRP, March 1999, Subject: Revised Installation Restoration Program (IRP) Management Plan.
- d. Management Guidance for the Defense Environmental Restoration Program, ODUSD (I&E), September 2001.
- e. EPA/TX HSWA Permit, I.D. No. 4213720101, March 2002, issued to USAADACENFB.
- f. EPA/NM HSWA Permit, I.D. No. 4213720101, July 1995, issued to USAADACENFB.

## 2. PURPOSE.

This decision document memorandum describes the remediation actions undertaken by the US Army Garrison Fort Bliss, at two DERP site:

- a. Dona Ana Range Camp Landfill # 11, Solid Waste Management Unit # 29
- b. Biggs Army Air Field Blimp Base Fueling Facility (no Solid Waste Management Unit # assigned).

These two DERP sites are located on military property under the control of the Garrison. Further, the memorandum lists the remediation actions and how these remediation actions comply with the environmental regulations of either the State of Texas, through the Texas

ATZC-DOE

SUBJECT: Decision Document Detailing the Choice of Remediation Action at Two Defense Environmental Restoration Program (DERP) Site

Commission on Environmental Quality (TCEQ) or the State of New Mexico through the New Mexico Environmental Department.

### 3. BACKGROUND.

a. After passage of the Resource Conservation and Recovery Act of 1976 (RCRA) as amended by the Hazardous and Solid Waste Amendments (HSWA) of 1984 and the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), Fort Bliss had surveys made of property under its control, to establish if past practices by military operations had released hazardous waste or hazardous constituents into the environment. Private contractors working for the Environmental Protection Agency (EPA) and/or the Department of Defense accomplished these surveys. These surveys tentatively identified 76 possible sites on Fort Bliss land, in both Texas and New Mexico, where hazardous constituents may have been released. These sites were designated as Solid Waste Management Units or SWMUs.

b. Later in July of 1991 the State of Texas issued a HWSA permit to Fort Bliss to regulate the Post's hazardous waste facility. In July of 1995 by a HWSA permit was issued by the State of New Mexico to cover operations of the ordnance demolition activities at the McGregor Range Camp in New Mexico. Both of these permits have additional clauses requiring the Post to investigate those military SWMU located within their state.

c. Of the 76 original suspected SWMU sites, 51 actually turned out to be actual locations. Some of the original SWMUs turned out to be one site with two SUMU numbers assigned while others turned out to be several small sites that were part of one larger site. Investigation of the remaining 51 sites continued and as new potential release sites were discovered, they too were added to the Fort Bliss list and investigated, as funding became available.

### 4. INFORMATION ON INDIVIDUAL SITES.

This detailed information on each individual site is presented as enclosure (1 & 2) to Tab B (Individual Site Closure Information). The closure information on each site is presented in the following sequence:

- a. Site Name, SWMU Number (if it is a SWMU) and Fort Bliss (FTBL) Number
- b. Summary of Site Risk
- c. Purpose of Remedial Action (if required)
- d. Documentation of Investigation

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e. Documentation of Closure Decision by State Environmental Agency.

f. Declaration


5. SIGNATURE AUTHORITY.

This Decision Document is prepared for the signature of the Fort Bliss Garrison Commander. Reference 1a above extends signature authority for remedial actions costing less than \$2,000,000 down to the local installation commander. The remedial actions for both sites (Dona Ana Landfill # 11, SWMU # 29 and Biggs Army Air Field Blimp Base Fueling Facilities) will cost less than two million dollars to remediate.

6. Please direct any questions concerning this document and the information it contains to: Director, Directorate of Environment, ATTN: ATZC-DOE, Bldg. 624, Taylor at Pleasonton Road, Fort Bliss, TX 79916-6812.

4 Encls

1. SWMU #s vs. Fort Bliss (FTBL) #s.
2. Individual Site Closure Information  
FTBL-011, SWMU # 29
3. Individual Site Closure Information  
FTBL-083, SWMU # None
4. List of Sites Requiring Five-Year Reviews

  
BRYON E. GREENWALD  
COL, AD  
Commanding

CF:

Site Closure Files, Defense Environmental Restoration Program, Public Documents Section,  
Mickelson Army Library (w/encl)

Texas Commission on Environmental Quality (ATTN: Allan Posnick DSMOA Program  
Manager), Corrective Action Section, ATTN: MC-127, P.O. Box 13087,  
Austin, TX 78711-3087 (w/encl)

Directorate of Environment, DERP Branch, Individual Site File w/ Cover Letter and Decision  
Document for that site

## **Enclosure # 1**

**List of SWMU #s with Fort Bliss (FTBL) #s**

**FTBL# vs. SWMU #**

<u>NAME</u>	<u>SWMU#</u>	<u>DESCRIPTION</u>
FTBL-001	SWMU-1	SANITARY LANDFILL 1
FTBL-002	SWMU-3	CLOSED SANITARY LANDFILL 2
FTBL-003	SWMU-6	CLOSED RUBBLE LANDFILL 3
FTBL-004	SWMU-7 &8	CLOSED SANITARY LANDFILLS 4A & 4B
FTBL-005	SWMU-9	CLOSED SANITARY LANDFILL 5
FTBL-006	SWMU-10	DISPOSAL AREA LANDFILL 6
FTBL-007	SWMU-11	CLOSED SANITARY LANDFILL 7
FTBL-008	SWMU-12	DISPOSAL AREA LANDFILL 8
FTBL-009	SWMU-13	DISPOSAL AREA LANDFILL 9
FTBL-010	SWMU-14	CLOSED LANDFILL 10
FTBL-011	SWMU-29	CLOSED SANITARY 11 (DONA ANA RNG)
FTBL-012	SWMU-27	RUBBLE PIT LANDFILL 12 (DONA ANA RNG)
FTBL-013	SWMU-18	RUBBLE PIT LANDFILL 13 (McGREGOR RNG)
FTBL-014	SWMU-25	RUBBLE PIT LANDFILL 14 (OROGRANDE)
FTBL-015	SWMU-20	EOD OPEN DEMO ARA
FTBL-016	SWMU-26	DONA ANA RANGE 41
FTBL-017	SWMU-33	RAYTHEON CHROMIC ACID PIT
FTBL-018	SWMU-32	BIGGS INAC FIRE FIGHT TRAIN AREA
FTBL-019	SWMU-50	PEST STG & MIX BLDGS 60-36, 276
FTBL-020	SWMU-40	PATHOLOGICAL INCINERATOR
FTBL-021	SWMU-19	McGREGOR OXIDATION LAGOON
FTBL-022	SWMU-25B	ORO GRANDE OXIDATION LAGOON
FTBL-023	SWMU-27B	DONA ANA OXIDATION LAGOON
FTBL-024	SWMU-39	OXIDATION LAGOON (JTF6)
FTBL-025	SWMU-30	HAZARDOUS WASTE & PCB STG
FTBL-028	SWMU-16	RUBBLE DUMP SITE (NR SITE MONITOR)
FTBL-029	SWMU-31	BIGGS AAF FORMER FIRE TRAIN AREA
FTBL-030	SWMU-64	EXCESS (DISPOSE OF) CASTNER RANGE
FTBL-031	SWMU-4	OIL PITS AT INACTIVE SANITARY LF2
FTBL-032	SWMU-21	McGREGOR FORMER FFTA
FTBL-033	SWMU-45	STORMWATER IMPOUNDMENT AREA
FTBL-034	SWMU-63	HERBICIDE STG BLDG 11160
FTBL-035	SWMU-2	ACTIVE RUBBLE PIT #1
FTBL-036	SWMU-65	UNICOR DRY CLEANING FAC B-2019
FTBL-037	SWMU-66	McGREG BORROW PIT DRUM BURIAL SITE
FTBL-038	SWMU-67	BLDG 1378 UST SITE (TX)
FTBL-039	SWMU-68	BLDG 199 UST SITE (TX)
FTBL-040	SWMU-69	BLDG 1742 UST SITE (TX)
FTBL-041	SWMU-70	BLDG 11106 FORMER UST SITE (TX)
FTBL-042	SWMU-71	BLDG 9522 UST SITE (NM)
FTBL-043	SWMU-5	RUBBLE PIT NO.2
FTBL-044	SWMU-15	RUBBLE DUMP - BIGGS AAF
FTBL-045	SWMU-22	WASTE DRUM STG AREA (McGREGOR)
FTBL-046	SWMU-49	DRAINAGE DITCH NEAR BLDG 1248
FTBL-047	SWMU-72	ILLEGAL DUMP SITE (ORO GRANDE)
FTBL-049	SWMU-72	B-1116 SOIL REMED & DISPOSAL
FTBL-050	SWMU-75	B-11636 BOP PONDS INVEST. & REMED
FTBL-051	SWMU-76	MEYER OXIDATION LAGOON

Note: There are no SWMU # assigned past FTBL-051

## DERA SITES

<u>NAME</u>	<u>SWMU</u>	<u>DESCRIPTION</u>
FTBL-052	None	BLDG 2469 UST SITE
FTBL-053		BLDG 9496 UST SITE
FTBL-054		BLDG 2491 UST SITE
FTBL-055		BLDG 9485 UST SITE
FTBL-056		BLDG 675 UST SITE
FTBL-057		BLDG 4115 UST SITE
FTBL-058		BLDG 11041 UST SITE
FTBL-059		BLDG 11107 UST SITE
FTBL-060		BLDG 5898 UST SITE
FTBL-061		BLDG 8172 UST SITE
FTBL-062		BLDG 56 UST SITE
FTBL-063		BLDG 6957 UST SITE
FTBL-064		BLDG 2427 UST SITE
FTBL-065		BLDG 2990 UST SITE
FTBL-066		BLDG 11603 UST SITE
FTBL-067		BLDG 11283 UST SITE
FTBL-068		BLDG 3699 UST SITE
FTBL-069		BLDG 5 UST SITE
FTBL-070		TRANS-MTN BURIED DRUM SITE
FTBL-071		HAZARDOUS WASTE MEDICAL DUMP
FTBL-072		INVESTIGATE OBOD PIT B-1
FTBL-073		INVESTIGATE OBOD PIT A-1
FTBL-074		NORTH HILLS RESERVOIR FUDS SITE
FTBL-075		BLDG 1177 PCB DUMP SITE
FTBL-076		CASTNER RECREATION AREA DUMP SITE
FTBL-077		SOUTH OIL PITS - LANDFILL 2
FTBL-078		HUECO RANGE CAMP COMPLEX
FTBL-079		BLDG 2598 TRUCK WASH AREA
FTBL-080		OLD MESA WELL FIELD
FTBL-081		ORGAN MOUNTAIN STATION
FTBL-082		WBAMC LPST, Bldg 7146
FTBL-083		Biggs AAF Blimp Base UST
FTBL-084		Biggs USAF Base Former Fueling Facilities

**Enclosure # 2**  
**Individual Site Closure Information**  
**Decision Document on SWMU # 29,**  
**FTBL-011**

## Memorandum for Record

### SUBJECT: Closure Decision Document for FTBL-011

#### SITE NUMBER AND DESCRIPTION

Dona Ana Landfill No. 11, SWMU # 29 FTBL-011:

FTBL No. 011 Records indicated there was a landfill associated with Dona Ana Range Camp when it was constructed in 1918. The site is reported to be a trench-type landfill that received sanitary waste from the camp from 1918 until about 1945. Refuse disposed in this unit-included horseshoes, timber, bottles, paper, and other scrap metal. Normal practice was to place trash into the trench until it was full, then the trench would be burned. The shape and extent of the landfill was determined by geophysical methods. The landfill was proven to be 250 feet long and 12 feet deep and consisted of a single cell, generally oriented east west. Trenching activity indicated municipal solid waste characteristic of the time period was disposed of in this landfill. Because the site has been covered and undisturbed for the past 60 plus years the vegetation that covers the site is indistinguishable from the surrounding desert. The landfill was closed prior to WWII, thus dating it prior to any environmental regulations, state or federal.

#### SUMMARY OF SITE RISK

There is no risk associated with this site. In September 2000, extensive soil borings were taken around the perimeter of the site down to 15 feet below the bottom of the landfill. All testing proved negative for any hazardous material or constituents. A limited excavation of the landfill determined that the contents had been burned prior to burial. Groundwater boring next to the landfill discovered no groundwater, perched or otherwise down to 385'.

#### PURPOSE OF REMEDIAL ACTION

Because the existing vegetation is full grown and the landfill was closed prior to WWII, thus dating it prior to any environmental regulations, state or federal, it was determined the wisest remedial action was to simply fence the landfill and mark it as off limits to any activity.

#### COST OF REMEDIAL ACTION

The cost of the remedial action for this site is less than fifteen thousand (\$15,000) dollars.

#### DOCUMENTATION OF INVESTIGATION

Environmental Science & Engineering, Inc., USACOE-Dallas, October 1983, Installation Assessment of the Headquarters, US Army Air Defense Center and Fort Bliss, Report No. 335, A. T. Kearney, Inc., Chicago IL, USACOE-Dallas, March 1989, RCRA Facility Assessment, PR/VSI Report, Ft Bliss, Texas, US Army Environmental Hygiene Agency, September 1989, Final Report Evaluation of Solid Waste Management Units, Fort Bliss, Texas, Thompson Professional Group, Inc., USACOE-Kansas, July 1996, Final – RACA Facility Investigation Work Plan for Nine Solid Waste Management Units Ft Bliss, Texas, Thompson Professional Group, Inc., USACOE-Kansas, July 1997, Final Report – RCRA Facility Investigation for Five Solid Waste Management Units for Ft Bliss, Texas, Roy F. Weston, Inc. USACOE-Tulsa, November 1999, Notification of Warning Sign Installation, DERA Sites, Malcolm Pirnie, Inc, USACOE-Fort Worth, March 2000, Grading, Drainage & Erosion Control Plans, Malcolm Pirnie, Inc, USACOE-Fort Worth, April 2000, Detailed Statement of Work Rubble Pits at Dona Ana Range & Three Other New Mexico Landfills, Malcolm Pirnie, Inc, USACOE-Fort Worth, June 2001, Additional Investigation, SWMUs 18, 27, and 29, Fort Bliss Military Reservation



## DOCUMENTATION OF CORRECTIVE ACTION REQUIRED BY STATE ENVIRONMENTAL AGENCY

None required, site predates all state and federal environmental regulations. With investigation showing no release to the environment from the landfill contents, this site falls outside of any regulatory authority.

### DECLARATION

- I. The selected remedy (*fence and mark the site with off-limit signage*) is protective of human health and the environment, attains Federal and State requirements that are applicable or relevant and appropriate to this site and is cost effective. This remedy satisfies the statutory preference for remedies that employ treatment that reduces toxicity, mobility or volume as a principal element and utilizes permanent solutions and alternative treatment technologies to the maximum extent practicable.
- II. Although this remedy will not result in hazardous substances remaining on-site and does allow unrestricted exposure to humans and ecological receptors on the site, there is municipal waste left in place that while not above applicable screening levels, does prevent unlimited use of the site. Also the current and anticipated environmental laws of the State of New Mexico also require land use controls of fencing and signage plus monitoring of changes in future use. Therefore a five-year review will apply to this action.

U: Decision Doc FTBL-011 Dona Ana Landfill ROD/DD file.doc

## **Enclosure # 4**

### **List of Sites Requiring Five-Year Reviews**

In accordance with the current Department of Defense guidance the following USAADACENFB Defense Environmental Restoration Program sites were closed with restriction on their future use. Therefore these site will require a review to be conducted within five years after commencement of remedial action to ensure that the remedy continues to provide adequate protection of human health and the environment.

<u>SWMU #</u>	<u>Description</u>	<u>FTBL #</u>
29	Dona Ana Landfill # 11	FTBL-011