

FY2016

FORT BLISS

Army Defense Environmental Restoration Program

Installation Action Plan

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Statement of Purpose

The purpose of the installation action plan (IAP) is to outline the total multiyear cleanup program for an installation. The plan identifies environmental cleanup requirements at each site or area of concern (AOC), and proposes a comprehensive, installation-wide approach, along with the costs and schedules associated with conducting investigations and taking the necessary remedial actions (RA).

In an effort to coordinate planning information between the restoration manager, Fort Bliss (FTBL), the US Army Environmental Command (USAEC), the executing agencies, the regulatory agencies, and the public, an IAP was completed. The IAP is used to track requirements, schedules, and tentative budgets for all major Army installation cleanup programs.

All site-specific funding and schedule information has been prepared according to projected overall Army funding levels and is, therefore, subject to change.

Acronyms

AAF	Army Air Field
ACM	Asbestos Containing Material
ADA	Air Defense Artillery
AEDB-R	Army Environmental Database- Restoration
AOC	Area of Concern
AOI	Area of Interest
BAAF	Biggs Army Airfield
bgs	below ground surface
CA	Contamination Assessment
CC	Compliance-related Cleanup
CMI(C)	Corrective Measures Implementation (Construction)
CMI(O)	Corrective Measures Implementation (Operation)
CMS	Corrective Measures Study
CR	Compliance Restoration
CS	Confirmation Sampling
CY	Calendar Year
DD	Decision Document
DERA	Defense Environmental Restoration Account
DERP	Defense Environmental Restoration Program
DoD	Department of Defense
ER,A	Environmental Restoration, Army
FRA	Final Remedial Action
FS	Feasibility Study
FTBL	AEDB-R designation for Fort Bliss
FUDS	Formerly Used Defense Site
FY	Fiscal Year
HBCT	Heavy Brigade Combat Team
HE	High Explosives
HRR	Historical Records Review
HSWA	Hazardous and Solid Waste Amendment
HW	Hazardous Waste
IAP	Installation Action Plan
IMCOM	US Army Installation Management Command
IMP(C)	Implementation (Construction)
IMP(O)	Implementation (Operation)
IMROD	Inactive McGregor Range Open Detonation Site
INV	Investigation
IRA	Interim Remedial Action
IRP	Installation Restoration Program
ISC	Initial Site Characterization
LNAPL	Light Non-Aqueous Phase Liquid
LPST	Leak Petroleum Storage Tank
LTM	Long-Term Management
LUC	Land Use Control
MC	Munitions Constituents

Acronyms

MD	Munitions Debris
MEC	Munitions and Explosives of Concern
MMRP	Military Munitions Response Program
MPPEH	Material Presenting Potential Explosive Hazard
MRA	Munitions Response Area
MRS	Munitions Response Site
NFA	No Further Action
NMED	New Mexico Environmental Department
NPL	National Priorities List
NRSI	Notice of Remedial System Installation
OB	Open Burning
OD	Open Detonation
OE	Ordnance and Explosives
PA	Preliminary Assessment
PCB	Polychlorinated Biphenyls
PCL	Protective Concentration Level
PMP	Project Management Plan
POL	Petroleum, Oil and Lubricants
PP	Proposed Plan
PR	Preliminary Report
PWS	Performance Work Statement
RA	Remedial Action
RA(C)	Remedial Action (Construction)
RAB	Restoration Advisory Board
RC	Response Complete
RCRA	Resource Conservation and Recovery Act
RFA	RCRA Facility Assessment
RFI	RCRA Facility Investigation
RI	Remedial Investigation
RIP	Remedy-in-Place
ROD	Record of Decision
SAC	Strategic Air Command
SI	Site Inspection
SSL	Soil Screening Level
SWMU	Solid Waste Management Unit
TAPP	Technical Assistance for Public Participation
TCEQ	Texas Commission on Environmental Quality
TNRCC	Texas Natural Resource Conservation Commission
TRADOC	US Army Training and Doctrine Command
TRC	Technical Review Committee
USAADACEN	US Army Air Defense Artillery Center
USACE	US Army Corps of Engineers (also referred to as USACOE)
USACOE	US Army Corps of Engineers
USAEC	US Army Environmental Command
USAEHA	US Army Environmental Hygiene Agency

Acronyms

USATHAMA	US Army Toxic and Hazardous Materials Agency
USEPA	US Environmental Protection Agency
UST	Underground Storage Tank
UXO	Unexploded Ordnance
VCAR	Voluntary Corrective Action Report
VOC	Volatile Organic Compounds
VSI	Visual Site Inspection
WAA	Wide Area Assessment
WWII	World War II

Acronym Translation Table

CERCLA

Preliminary Assessment(PA)
Site Inspection(SI)
Remedial Investigation/Feasibility Study(RI/FS)
Remedial Design(RD)
Remedial Action (Construction)(RA(C))
Remedial Action (Operation)(RA(O))
Long Term Management(LTM)
Interim Remedial Action(IRA)

RCRA

= RCRA Facility Assessment(RFA)
= Confirmation Sampling(CS)
= RCRA Facility Investigation/Corrective Measures Study(RFI/CMS)
= Design(DES)
= Corrective Measures Implementation (Construction)(CMI(C))
= Corrective Measures Implementation (Operation)(CMI(O))
= Long Term Management(LTM)
= Interim Measure(IM)

Installation Information

Installation Locale

Installation Size (Acreage): 1170000

City: El Paso

County: Dona Ana, Otero, El Paso

State: New Mexico, Texas

Other Locale Information

Fort Bliss is located on 1.17 million acres of land in far west Texas and southern New Mexico. The main cantonment area is situated adjacent to the city of El Paso.

Installation Mission

Fort Bliss trains, sustains, mobilizes, and deploys members of the joint team to conduct global, full spectrum operations in support of the national military strategy, while providing for the well-being of the regional military community.

The installation has the capability and flexibility to:

- support Army training
- evolving force structure
- potential future missions
- and Joint, Intergovernmental, and Multinational agencies

Lead Organization

IMCOM

Lead Executing Agencies for Installation

US Army Corps of Engineers (USACE), Tulsa District

Regulator Participation

Federal

US Environmental Protection Agency (USEPA), Region VI

State

Texas Commission on Environmental Quality (TCEQ) and New Mexico Environment Department (NMED)

National Priorities List (NPL) Status

FORT BLISS is not on the NPL

Installation Restoration Advisory Board (RAB)/Technical Review Committee (TRC)/Technical Assistance for Public Participation (TAPP) Status

RAB established 199707

Installation Program Summaries

IRP

Primary Contaminants of Concern: Metals, Petroleum, Oil and Lubricants (POL)

Affected Media of Concern: Soil

MMRP

Primary Contaminants of Concern: Munitions and explosives of concern (MEC), Munitions constituents (MC)

Affected Media of Concern: Soil

CR

Primary Contaminants of Concern: Metals, Pesticides

Affected Media of Concern: Soil

5-Year / Periodic Review Summary

5-Year / Periodic Review Summary

Status	Start Date	End Date	End FY
Complete	200404	200412	2005
Complete	201310	201504	2015

Last Completed 5-Year / Periodic Review Details

Associated ROD/DD Name	Sites
Acceptance of NFA and Site Closure	FTBL-018, FTBL-019, FTBL-024, FTBL-029, FTBL-034, FTBL-050
Capping of Landfills # 12 and 13	FTBL-012, FTBL-013
Closure of SWMU 65, FTBL-036	FTBL-036
Closure of WBAMC LPST, FTBL-082	FTBL-082
Decision Document Rubble Dump Site	FTBL-028
FTBL-011 landfill 11	FTBL-011
Four LPST Sites in Texas and New Mexico	FTBL-038, FTBL-056, FTBL-061, FTBL-066
IRA at FTBL-081 Organ Mt. Station	FTBL-081
NFA of Four RCRA Sites in New Mexico	FTBL-032, FTBL-037, FTBL-045, FTBL-078
One Active Three Closed UST Sites	FTBL-040, FTBL-041, FTBL-052, FTBL-056
ROD for all previously closed sites	FTBL-001, FTBL-002, FTBL-003, FTBL-004, FTBL-005, FTBL-006, FTBL-007, FTBL-008, FTBL-009, FTBL-010, FTBL-017, FTBL-019, FTBL-020, FTBL-024, FTBL-025, FTBL-029, FTBL-031, FTBL-033, FTBL-034, FTBL-035, FTBL-043, FTBL-046, FTBL-047, FTBL-049, FTBL-050, FTBL-074, FTBL-079, FTBL-76, FTBL-77, FTBL071
Self Implementation Notice FTBL-070&072	FTBL-072, FTBL-70
UST Removal Blimp Base Fueling Facility	FTBL-083

Results All sites meet closure requirements from either the State of Texas or New Mexico. No changes in landuse and LUCs were noted.

Actions Actions: Yearly Site Inspections to: FTBL-011, FTBL-012 and FTBL-013.

Biennial Site Inspection to FTBL-015, next inspection due 2016.

Plans Plans: Next Five-Year review FY 2020.

Recommendations and Implementation Plans:

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Land Use Control (LUC) Summary

LUC Title: Deed Certification

Site(s): FTBL-001, FTBL-002, FTBL-003, FTBL-004, FTBL-005, FTBL-006, FTBL-007, FTBL-008, FTBL-009, FTBL-010, FTBL-017, FTBL-019, FTBL-020, FTBL-024, FTBL-025, FTBL-029, FTBL-031, FTBL-033, FTBL-034, FTBL-035, FTBL-043, FTBL-046, FTBL-047, FTBL-049, FTBL-050, FTBL-074, FTBL-079, FTBL-76, FTBL-77, FTBL071

ROD/DD Title: ROD for all previously closed sites

Location of LUC

Deed Certifications were required on five sites. SWMUs # 33 FTBL-017, 4 FTBL-031, 74 FTBL-049, FTBL-075, FTBL-050, and FTBL-079. Copies of the deeds were sent to the Texas Natural Resource Conservation Commission (TNRCC Now TCEQ), COE Fort Worth, and Fort Bliss Real Property, Master Planning.

Land Use Restriction: Landfill restriction - Prohibit activities that would impact the LF cap (or cover system) and drainage system, Landfill restriction - Prohibit excavation on LF cap or cover system, Landfill restriction - Prohibit installation of utility system lines through the site, Landfill restriction - Restrict access to the site, Landfill restriction - Restrict construction of buildings that may interfere with LF cap or cover system, Landfill restriction - Restrict vehicular traffic, Media specific - Prohibit activities that results in contact with contaminated sediments, Restrict land use - No residential use

Types of Engineering Controls: Fences, Signs

Types of Institutional Controls: Deed Notices, Notations in Master Plan

Date in Place: 200101

Modification Date: N/A

Date Terminated: N/A

Inspecting Organization: Installation

Record of LUC: Master Plan or Equivalent

Documentation Date: N/A

LUC Enforcement: 5 Year Reviews

Contaminants: METALS, PESTICIDES

Additional Information

N/A

LUC Title: Deed Recordation

Site(s): FTBL-036

ROD/DD Title: Closure of SWMU 65, FTBL-036

Location of LUC

Fort Bliss, Texas.

The Texas Commission on Environmental Quality will require this site (FTBL-036) to remain as industrial/commercial. In addition there will be a restriction against shallow domestic water wells inside of the metes and bounds area of the site's perched aquifer. A RCRA concrete cap covers the area of contaminated soil.

Land Use Restriction: Media specific restriction - restrict drinking water well installation, Restrict land use - No daycare/hospital/school use, Restrict land use - No residential use

Types of Engineering Controls: Markers, Signs

Types of Institutional Controls: Construction Permit, Dig Permits, Notations in Master Plan, Restrictions on Groundwater Withdrawal, Zoning

Date in Place: 200110

Modification Date: N/A

Date Terminated: N/A

Inspecting Organization: Installation

Record of LUC: Master Plan or Equivalent

Land Use Control (LUC) Summary

Documentation Date: N/A

LUC Enforcement: Annual Inspections, 5 Year Reviews, Markers

Contaminants: ORGANICS

Additional Information

N/A

LUC Title: LUC for FTBL-012 & 013

Site(s): FTBL-012, FTBL-013

ROD/DD Title: Capping of Landfills # 12 and 13

Location of LUC

These newly capped landfills (12 and 13) must have the fencing and signs maintained as well as insure that there in no erosion of the caps themselves.

Land Use Restriction: Landfill restriction - Prohibit activities that would impact the LF cap (or cover system) and drainage system, Landfill restriction - Prohibit excavation on LF cap or cover system, Landfill restriction - Prohibit installation of utility system lines through the site, Landfill restriction - Restrict access to the site, Landfill restriction - Restrict construction of buildings that may interfere with LF cap or cover system, Landfill restriction - Restrict vehicular traffic

Types of Engineering Controls: Fences, Guards, Markers, Signs

Types of Institutional Controls: Dig Permits, Local Use ordinances, Notations in Master Plan, Restrictions on land use

Date in Place: 200410

Modification Date: N/A

Date Terminated: N/A

Inspecting Organization: Installation

Record of LUC: Master Plan or Equivalent

Documentation Date: N/A

LUC Enforcement: Annual Inspections, 5 Year Reviews

Contaminants: METALS

Additional Information

N/A

LUC Title: industrial/commercial use

Site(s): FTBL-018, FTBL-029

ROD/DD Title: Acceptance of NFA and Site Closure

Location of LUC

Fort Bliss, Texas (Sites FTBL-018 and FTBL-029)

Land Use Restriction: Restrict land use - No daycare/hospital/school use, Restrict land use - No residential use

Types of Engineering Controls: None

Types of Institutional Controls: Notations in Master Plan, Zoning

Date in Place: 199810

Modification Date: N/A

Date Terminated: N/A

Inspecting Organization: Installation

Record of LUC: Master Plan or Equivalent

Land Use Control (LUC) Summary

Documentation Date: N/A

LUC Enforcement: Annual Inspections, 5 Year Reviews

Contaminants: METALS, PCBs, VOC

Additional Information

Cleanup Program Summary

Installation Historic Activity

In 1846 during the war with Mexico, Colonel Alexander W. Doniphan and the First Missouri Mounted Volunteers became the first US Army troops to enter the El Paso area. On Nov. 7, 1848 the War Department directed the establishment of a post in El Paso. In September 1849 six companies of the 3rd Infantry arrived in the area and took up occupancy at the post.

The initial mission of the military post was to protect railways, stage routes, and settlers. On March 8, 1854, the post was renamed Fort Bliss in honor of Lieutenant Colonel William Wallace Smith Bliss. In March 1890, the citizens of El Paso raised the money to purchase a permanent site for the post, which had occupied six sites in the area, on La Noria Mesa, east of the city. In 1893 troops began to occupy the current site.

Fort Bliss began its greatest growth period following the turn of the century when the Army responded to a raid across the border by Pancho Villa. Border patrol and defense became a major concern. William Beaumont Army Medical Center and Biggs Army Air Field (BAAF) were added after World War II (WWII).

The Cavalry ruled the post until WWII. In 1940 the Army's new anti-aircraft artillery arrived and reestablished the mission of Fort Bliss as the largest overland, air defense missile range and training center throughout the free world. In 1966, the US Air Force closed Biggs Air Force Base and turned it over to Fort Bliss.

In matters of environmental compliance, the USEPA, Region VI, the TCEQ, and the NMED have purview over Fort Bliss. The installation does not have any sites listed on the NPL. The original nine solid waste management units (SWMU) listed in the Texas permit, all have been remediated and closed by agreement with the TCEQ. The renewed Texas Resource Conservation and Recovery Act (RCRA) permit HW-50296, issued March 2003, required an RFI for two Installation Restoration Program (IRP) sites: FTBL-030, Closed Castner Firing Range (SWMU No. 64) which includes FTBL-073 open burning/open detonation (OB/OD) Area 1 and FTBL-083, and the Biggs AAF Blimp Base Fueling Facility (now closed).

In 2005 the Fort Bliss mission changed from US Army Air Defense Artillery Center (USAADACEN) to Heavy Brigade Combat Teams (HBCT). The USAADACEN School and Air Defense Artillery (ADA) brigades have been relocated to another installation. Also located at Fort Bliss are the US Army Sergeants Major Academy, William Beaumont Army Medical Center, and several Department of Defense (DoD) liaison officers.

Regarding the environmental restoration program, Fort Bliss has eight Military Munitions Restoration Program (MMRP) sites and 82 IRP. Four IRP sites in Texas received closure to unlimited use/residential standards, including the Former Pesticide Storage and Mixing Area (FTBL-019), Alleged Polychlorinated Biphenyls (PCB) Spill Site (FTBL-075), Herbicide Storage Building (FTBL-034) and Former Truck Wash Facility (FTBL-079).

Five MMRP sites and one IRP site remain active in Texas while New Mexico has five IRP active sites. These sites include for the MMRP program the Former Maneuver Area A (FTBLs-002-R-01), Closed Castner Range (FTBLs-004-R-01), Biggs Army Airfield (BAAF) Open Burn/Open Detonation (OB/OD) Site I, BAAF OB site II and North Castner Range Area of Interest (AOI) (FTBLs-007-R-01). The IRP sites include the Far East Illegal Dump Site (CCFTBL-001), Dona Ana Landfill (FTBL-011), Dona Ana Rubble Pit (FTBL-012), McGregor Range Rubble Pit (FTBL-013), Orogrande Landfill (FTBL-014) and Inactive McGregor Range Open Detonation (IMROD) site (FTBL-015).

Refer to the IRP, MMRP and Compliance Restoration sections in this document for more detailed description of the Fort Bliss active restoration sites.

Installation Program Cleanup Progress

IRP

Prior Year Progress: New Mexico sites FTBL-011, FTBL-012, FTBL-013, and FTBL-015 are currently under long-term management (LTM) phase. Post-closure inspections were conducted in fiscal year (FY)15 per NMED requirements.

A performance Work statement (PWS) was completed for New Mexico site FTBL-014. As a result, a contract for the preparation of a corrective action (CA) work plan was awarded July 2015 and completed December 2015. It was submitted to NMED for review.

Cleanup Program Summary

Future Plan of Action: New Mexico sites FTBL-011, FTBL-012, FTBL-013, and FTBL-015 will continue under LTM phase. The next post-closure inspections will be conducted in calendar year (CY)16 in accordance with NMED requirements.

The CA work plan for site FTBL-014 is still under NMED's review. After its approval, the CA restoration activities are expected to begin in FY17.

MMRP

Prior Year Progress: An FS for site FTBLS-002-R-01 completed in FY15 is currently under TCEQ review.

An RI was awarded 2013 for site FTBLS-004-R-01. An explosives site plan was drafted and approved in FY16 per Army guidelines.

An RI for site FTBLS-006-R-01 and an SI for FTBLS-006-R-02 were awarded in FY15.

A MEC reconnaissance survey was conducted June 2015 for site FTBLS-007-R-1 under the coordination of the USACE.

Future Plan of Action: RI fieldwork began in March 2016 for FTBLS-004-R-01 and is expected to be completed FY17.

The RI and SI awarded for sites FTBLS-006-R-01 and FTBLS-006-R-02 respectively are expected to be completed in FY17. Optional tasks for further remediation phases [i.e., FS, proposed plan (PP) and decision document (DD)] will be awarded in subsequent years.

A scope of work is currently being drafted by USACE for FTBLS-007-R-01 and a contract for a RI is expected in FY17.

CR

Prior Year Progress: A PWS was drafted for site CCFTBL-001 and a contract for a RI awarded FY15.

Future Plan of Action: The RI awarded to site CCFTBL-001 is expected to be completed FY17. Optional tasks for the execution of further remediation phases [i.e., FS,PP and DD] were also included in the project management plan (PMP) and will be awarded in subsequent years.

FORT BLISS
Army Defense Environmental Restoration Program
Installation Restoration Program

IRP Summary

Installation Total Army Environmental Database-Restoration (AEDB-R) Sites/Closeout Sites Count: 81/76

Installation Site Types with Future and/or Underway Phases

- 1 Explosive Ordnance Disposal Area
(FTBL-015)
- 4 Landfill
(FTBL-011, FTBL-012, FTBL-013, FTBL-014)

Most Widespread Contaminants of Concern

Metals, Petroleum, Oil and Lubricants (POL)

Media of Concern

Soil

Completed Remedial Actions (Interim Remedial Actions/ Final Remedial Actions (IRA/FRA))

Site ID	Site Name	Action	Remedy	FY
FTBL-017	RAYTHEON CHROMIC ACID PIT/SWMU 33	FRA	WASTE REMOVAL - SOILS	1989
FTBL-052	BLDG.2469 UST SITE	FRA	OTHER	1995
FTBL-053	BLDG. 9496 UST SITE	FRA	REMOVAL	1995
FTBL-018	BIGGS INAC FIRE FIGHT TRAIN AREA/SWMU 32	FRA	REMOVAL	1996
FTBL-041	BLDG 11106 FORMER UST SITE (TX)/SWMU 70	FRA	OTHER	1996
FTBL-042	BLDG 9522 UST SITE (NM)/SWMU 71	FRA	WASTE REMOVAL - SOILS	1996
FTBL-055	BLDG. 9485 UST SITE	FRA	WASTE REMOVAL - SOILS	1996
FTBL-057	BLDG. 4115 UST SITE	FRA	NATURAL ATTENUATION	1998
FTBL-066	BLDG. 11603 UST SITE	FRA	NATURAL ATTENUATION	1998
FTBL-069	BLDG. 5, UST SITE	FRA	NATURAL ATTENUATION	1998
FTBL-039	BLDG 199 UST SITE (TX)/SWMU 68	FRA	NATURAL ATTENUATION	1999
FTBL-060	BLDG. 5898 UST SITE	FRA	NATURAL ATTENUATION	1999
FTBL-061	BLDG. 8172 UST SITE	FRA	NATURAL ATTENUATION	1999
FTBL-031	OIL PITS AT INACTIVE SANITARY LF2/SWMU 4	FRA	THERMAL DESORPTION	2000
FTBL-037	MCGREG BORROW PIT DRUM BURIAL SITE/SWM66	FRA	REMOVAL	2000
FTBL-056	BLDG. 675 UST SITE	FRA	NATURAL ATTENUATION	2000
FTBL-019	PEST STG & MIX BLDGS 60- 36,-276/SWMU50	FRA	THERMAL DESORPTION	2001
FTBL-024	OXIDATION LAGOON JTF6/SWMU 39	FRA	THERMAL DESORPTION	2001
FTBL-028	RUBBLE DUMP SITE(NR SITE MONITOR)/SWMU16	FRA	REMOVAL	2001
FTBL-029	BIGGS AAF FORMER FIRE TRAIN AREA/SWMU 31	FRA	THERMAL DESORPTION	2001
FTBL-034	HERBICIDE STG BLDG 11160/SWMU 63	FRA	THERMAL DESORPTION	2001
FTBL-036	UNICOR DRY CLEANING FAC B-2019/SWMU 65	FRA	CAPPING	2001
FTBL-040	BLDG 1742 UST SITE (TX)/SWMU 69	FRA	NATURAL ATTENUATION	2001
FTBL-050	B-11636 BOP PONDS INVEST & REMED/SWMU 75	FRA	THERMAL DESORPTION	2001

IRP Summary

Completed Remedial Actions (Interim Remedial Actions/ Final Remedial Actions (IRA/FRA))

Site ID	Site Name	Action	Remedy	FY
FTBL-072	CASTNER OBOD PIT B-1	FRA	REMOVAL	2001
FTBL-081	ORGAN MOUNTAINS STATION	FRA	REMOVAL	2001
FTBL-70	TRANSMOUNTAIN BURIED DRUM SITE	FRA	REMOVAL	2001
FTBL-011	LANDFILL 11 DONA ANA SWMU-29	FRA	FENCE OR OTHER SITE ACCESS CONTROL MEASURES	2003
FTBL-012	RUBBLE PIT 12 DONA ANA SWMU-27	FRA	CAPPING	2004
FTBL-013	RUBBLE PIT 13 MCGREGOR SWMU-18	FRA	CAPPING	2004

Duration of IRP

Date of IRP Inception: 198306

Estimated Date for Remedy-In-Place (RIP)/Response Complete (RC): 201907/201907

Date of IRP completion including Long Term Management (LTM): 202409

IRP Contamination Assessment

Contamination Assessment Overview

In 1983, Fort Bliss was added to the IRP list by the US Army Toxic and Hazardous Materials Agency (USATHAMA) in response to an installation assessment conducted from Feb. 7, 1983 to Feb. 11, 1983. Petroleum, oil, and lubricants (POL) are the primary contaminants of concern at Fort Bliss. No off-post hazardous waste (HW) contamination is known to have occurred to date. The TCEQ and the NMED are active in projects at Fort Bliss. A cooperative working relationship has been established between the regulators, the IRP program manager, and community involvement in the activities of the restoration program and the community through the Fort Bliss Restoration Advisory Board (RAB).

Early in the program, 28 SWMUs were identified during an RFA conducted in 1987 by the US Army Environmental Hygiene Agency (USAEHA). By the time the USAEHA filed their final report in September 1989, the list of SWMUs had grown to 65. Also in 1989, A.T. Kearney, Inc. evaluated 62 SWMUs during the RFA preliminary report (PR)/visual site inspection (VSI). The Kearney report is the official report recognized by the USEPA for SWMU identification purposes. Additional sites have been identified since the Kearney report, bringing the total to 76 SWMU sites. The original sites identified as SWMUs and the subsequent sites are inventoried and progress is tracked with the Army Environmental Database - Restoration, or AEDB-R. Sites are identified in the AEDB-R system with a number beginning with Fort Bliss (FTBL) as the prefix. At present the number of AEDB-R sites totals 79; the highest AEDB-R number is FTBL-82. AEDB-R numbers 26, 27 and 48 were previously entered erroneously and subsequently removed. After primacy for environmental law enforcement was given to the states of New Mexico (1995) and Texas (1991), SWMU designations were no longer assigned. Follow-on investigations not only eliminated three Fort Bliss numbers, but in similar fashion, many sites identified as SWMUs during the early evaluations of Fort Bliss were determined to be duplicates or nonexistent. As a result, the following SWMU numbers are not used: 17, 23, 24, 28, 34, 35, 36, 37, 38, 41, 42, 43, 44, 46, 47, 48, 51 to 63, and 73.

Eleven sites in New Mexico were either added or reopened due to a 1994 site visit by the USEPA and the NMED to address the hazardous and solid waste amendments (HSWA) portion of the Subpart X permit that was submitted to continue operation of the OB/OD pit. A requirement for RIs at 11 sites was attached to the permit issued in July 1995. By January 1999 that number had grown to 15, as new sites were found, reported, and added to the original 11. In early 1998 nine RIs were completed and submitted to the NMED, but Fort Bliss has not yet received comments on these reports. One site (FTBL-022, SWMU 25B Oro Grande Oxidation Pond) has been administratively removed from the permit and transferred to the White Sands Missile Range.

One site (FTBL-037 Illegal Dump Site Oro Grande Range Camp) was closed in 2000. In September 2000, six additional IRP sites in New Mexico were petitioned for no further action (NFA) determination. Five other New Mexico sites were investigated and voluntary corrective action reports (VCAR) were submitted to the state, demonstrating that these sites also were eligible for closure.

IRP:

There are four IRP sites in Texas that received closure to unlimited use/residential standards and one active site. The closed sites include the Former Pesticide Storage and Mixing Area (FTBL-019), alleged PCB Spill Site (FTBL-075), Herbicide Storage Building (FTBL-034) and Former Truck Wash Facility (FTBL-079).

A RI will be conducted for the IRP active site CCFTBL-001. RI work is expected to begin in FY17.

There are five IRP sites in New Mexico: FTBL-011, FTBL-012, FTBL-013, FTBL-014 and FTBL-015. FTBL-011, FTBL-012, FTBL-013 are currently under LTM phase and are required to have yearly inspections per NMED requirements; all applicable inspections have been completed up to CY15. FTBL-015 is also in post-closure care and is required to have biennial inspections. The latest biennial inspection was conducted CY14. Finally, a CA Plan for FTBL-014 was completed and submitted to NMED for review December 2015. The CA implementation is expected to occur FY17.

Cleanup Exit Strategy

The New Mexico sites FTBL-011, FTBL-012, and FTBL-13 are in post-closure care and are required to have yearly inspections. The next inspections are scheduled for FY17. FTBL-015 is also in post-closure care and is required to have biennial inspections. The next biennial inspection is scheduled for CY16.

A RI will be conducted for Texas site CCFTBL-001 in FY17, and further remediation phases have been proposed for subsequent years (FS and PP/DD are to be conducted FY18 and FY19 respectively).

IRP Contamination Assessment

After the completion of a CA plan, FTBL-014 is tentatively scheduled for cleanup FY17. After the waste and rubbish are removed the installation will pursue NFA status for this site.

IRP Previous Studies

Year	Title	Author	Date
1988	Final Engineering Report - Former Fire Fighting Training Area and Contiguous Drum Storage Area, FTBL-018	Law Environmental, Inc., USACE-Kansas	JAN-1988
1989	Second Revised Final Closure Plan - Former Fire Fighting Training Area and Contiguous Drum Storage Area, FTBL- 018	Law Environmental, Inc.	JAN-1989
	RCRA Facility Assessment, PR/VSI Report	A.T. Kearney, Inc., Chicago IL, USACOE-Dallas	MAR-1989
1991	Removal of UST: 675A, 675B, 675C, etc. FTBL-041	EA Remediation Technologies, Inc.	FEB-1991
	UST Removal Report, Bldg 4115 FTBL-057	EA Remediation Technologies, Inc.	FEB-1991
	Treatability Study for the Fort Bliss Former Fire Fighting Training Area, FTBL-018	Law Environmental, Inc., USACE-Kansas	AUG-1991
	Work Plan RCRA Facility Investigation, FTBL- 001, 031, 002, 024, 033, 019, 034, 018, 029, 025, 044	Environmental Science & Engineering, Inc., USACOE-Kansas	SEP-1991
	RCRA Facility Investigation Report New Mexico Solid Waste Management Units, Vol. 1, FTBL-032, 022	Environmental Science & Engineering, Inc., USACOE-Kansas	SEP-1991
	Site-specific Quality Control Plan RCRA Facility Investigation, FTBL-001, 002, 031, 044, 032, 022, 025, 029, 024, 033, 019, 034	Environmental Science & Engineering, Inc. USACOE-Kansas	SEP-1991
	Volume 1 RCRA Facility Investigation Report Texas Solid Waste Management Units, FTBL- 001,002, 031, 044, 032, 022, 025, 029, 024, 033, 019, 034	Environmental Science & Engineering, Inc., USACOE-Kansas, Dec 1991	DEC-1991
1993	Underground Storage Tank Removal, Building 2427, FTBL-064	Laidlaw Environmental Services, Inc.	JAN-1993
	Underground Storage Tank Closure Report, US Army Base: B-2469, etc. FTBL-052	Laidlaw Environmental Service, Inc.	JAN-1993
	Preliminary Environmental Assessment Report for Multi-Site Underground Storage Tanks (B-1742, B-2469, B-11106, etc.), FTBL-052	Law Engineering and Environmental Services Inc.	JUL-1993
	Preliminary Environmental Assessment Report for Multi-Site	Law Engineering and Environmental Services Inc., Jul 1993	JUL-1993
	Final Health and Safety Plan for the Fire Fighting Training Area Investigation, FTBL - 011	Engineering Science, Inc., USACOE-Tulsa	SEP-1993
	Final Closure Investigation Work Plan for the Fire Fighting Training Area Investigation, FTBL - 011	Engineering Science, Inc., USACOE-Tulsa	SEP-1993
	Final Chemical Data Acquisition Plan for the Fire Fighting Training Area Investigation, FTBL - 018	Engineering Science, Inc., USACOE-Tulsa	SEP-1993
	Final Design Investigation Work Plan, FTBL-019, 024, 029, 031, 034	Malcolm Pirnie, Inc., USACOE-Kansas	DEC-1993
	Final Work Plan - Chemical Data Acquisition Plan, FTBL-029, 031, 019, 034, 024	Malcolm Pirnie, Inc., USACOE-Kansas	DEC-1993
	Final Work Plan - Site Safety and Health Plan, FTBL - 024, 019, 029, 031, 034	Malcolm Pirnie, Inc., USACOE-Kansas, Dec 1993	DEC-1993
1994			

IRP Previous Studies

1994

Title	Author	Date
Laboratory Data, Soil Samples, Fire Fighting Training Area, FTBL-018	Engineering Science, Inc., USACOE-Tulsa	MAR-1994
UST Removal, Building 9496, FTBL-053, 060	Laidlaw Environmental Services, Inc.	JUN-1994
UST Removal, Building 56, FTBL-062, 069	Laidlaw Environmental Services, Inc.	OCT-1994
Revised Final - Corrective Measures Implementation Work Plan for the Old Fire Fighting Training Area, FTBL-029	Malcolm Pirnie, Inc., USACE-Kansas	NOV-1994
Revised Final - Corrective Measures Implementation Work Plan for the Herbicide Storage Building, FTBL-034	Malcolm Pirnie, Inc., USACE-Kansas	NOV-1994
Revised Final - Corrective Measures Implementation Work Plan for Oil Pits at Sanitary Landfill #2, FTBL-031	Malcolm Pirnie, Inc., USACE-Kansas	NOV-1994
Revised Final - Corrective Measures Implementation Work Plan for the Bureau of Prison Ponds, FTBL-050	Malcolm Pirnie, Inc., USACE-Kansas, Nov 1994	NOV-1994
Revised Final - Corrective Measures Implementation Work Plan for the JTF6 NCO Oxidation Lagoon, FTBL-024	Malcolm Pirnie, Inc., USACE-Kansas, Nov 1994	NOV-1994

1995

Underground Storage Tank Removal, Building 2491, FTBL-054	Laidlaw Environmental Services, Inc.	JAN-1995
Underground Storage Tank Removal: Building 2469, FTBL-052	Laidlaw Environmental Service, Inc.	JAN-1995
Underground Storage Tank Removal, Building 1742, FTBL-040	Laidlaw Environmental Service, Inc., Feb 1995	FEB-1995
Report on Phase II Archeological Testing at Camp Bierne, FTBL-083	Tri-Services Cultural Resources Research Center, USACOE-CERL, IL	FEB-1995
UST Removal, Building 9522, FTBL-042, 063	Laidlaw Environmental Services, Inc.	MAR-1995
Site Closure Investigation Report for the Former Fire Training Area and Contiguous Drum Storage Area Vol. 1 & 2 FTBL- 018	Parsons Engineering Science, Inc., USACE-Tulsa	JUL-1995
Addendum to Closure Plan for the Former Fire Fighting Training Area and the Contiguous Drum Storage Area, FTBL-018	Engineering Science, Inc., USACE-Tulsa	JUL-1995
Data Validation/Summary Report for the Supplemental Investigation for Leaking Underground Storage Tanks (B-1742, B-2469, B-9485, B-11106) FTBL-040, 041, 052	Woodward-Clyde Consultants	DEC-1995
Underground Storage Tank Removal, Building 5, FTBL-068	Laidlaw Environmental Services, Inc.	DEC-1995
TNRCC Assessment Report for B-11106 FTBL-041	Woodward-Clyde Consultants	DEC-1995

1996

UST Closure Report, Building 2990, FTBL-065	Resource Engineering and Management, Inc.	JAN-1996
Site Investigation Report for Leaking Underground Storage Tanks, New Mexico, Sites 9485, 1742, 2496, 11106, FTBL-040, 041, 052, 055	Woodward-Clyde Federal Services, Inc	FEB-1996
Final - Preliminary Assessment Fort Bliss Calvary Landfill, FTBL -071	Radian International, USACE-Tulsa	MAY-1996
Interim Bioventing Pilot Results Report for LPST No.	Parsons Engineering	MAY-1996

IRP Previous Studies

1996	Title	Author	Date
	98508, Building 675	Science, Inc.	
	Final - RACA Facility Investigation Work Plan for Nine Solid Waste Management Units, FTBL-013, 021, 015, 022, 012, 023, 011, 076	Thompson Professional Group, Inc., USACE-Kansas	JUL-1996
	Final - Results of Limited Field Investigation, Cavalry Landfill, FTBL- 071	Radian International, USACE-Tulsa	AUG-1996
	Revised Final Site Investigation Report for Texas Sites (B-1742, B-2469, B-11106, etc.) FTBL-040, 041, 052	Law Engineering and Environmental Services Inc	SEP-1996
	Site Investigation Report for Underground Storage Tank Sites, FTBL- 038,039, 040, 041, 042, 052,053, 054, 055	Law Engineering and Environmental, Inc	OCT-1996
	Revised Final Site Investigation Report for Texas Sites (B-1742, B-2469, B-11106, etc.), FTBL-052	Law Engineering and Environmental Services Inc	OCT-1996
	Hydrogeology and Groundwater Quality of the Chromic Acid Pit Site, USAADACENFB, FTBL- 017	U.S. Geological Survey, USACE-Ft Bliss	DEC-1996
1997	UST Closure Report, Fort Bliss, Site No. 11107, FTBL-059	Perry Williams, Inc.	JAN-1997
	Corrective Measures Implementation Report for the Old Fire Fighter Training Area Vol. 1 & 2, FTBL-029	Malcolm Pirnie, Inc., USACE-Kansas	JAN-1997
	Final - Corrective Measures Implementation Report for the JTF6 Oxidation Lagoon, Vol. 1 & 2, FTBL -024	Malcolm Pirnie, Inc., USACE-Kansas	JAN-1997
	Subsurface Investigation of the New Mexico Oxidation Lagoons, FTBL- 021, 022, 023	COMPA Industries, Inc. & Tetra Tech EM, Inc, USACOE-Dallas	JUL-1997
	Assessment Report for B-1742 (LPST #92865)	Malcolm Pirnie Inc.	JUL-1997
	Preliminary Site Investigation Draft Report (B-1116, B-2019, Rubble Dump, & McGregor Borrow Pit), FTBL-028, 036, 037, 049	Golder Federal Services, Inc., USACE-Ft Worth	JUL-1997
	Revised - Work Plan for Site Investigation Former Truck Wash Area Building 2598), FTBL- 079	Malcolm Pirnie, Inc., USACE-Kansas	JUL-1997
	Final Report - RCRA Facility Investigation for Five Solid Waste Management Units, FTBL-013, 015, 014, 012, 011	Thompson Professional Group, Inc., USACE-Kansas	JUL-1997
	Work plan for Monitoring Well Installation and Quarterly Groundwater Sampling at B-1742	Malcolm Pirnie Inc	JUL-1997
	Field Sampling and Analysis Plan for Subsurface Investigation of Oxidation Lagoons, FTBL- 021, 022, 023	Tetra Tech, Inc., USACE-Dallas	OCT-1997
	Assessment Report for B-11106 (LPST #92568)Malcolm Pirnie Inc., Dec 12, 1997, Workplan for EOL Survey, Monitoring Well Installation, and Quarterly Groundwater Sampling at B-11106	Malcolm Pirnie Inc.	DEC-1997
	Final - RCRA Investigation Report, FTBL- 022	Roy F. Weston, Inc., USACE-Tulsa	DEC-1997
	Work plan for Site Assessment at B-675	Malcolm Pirnie Inc.	DEC-1997
	Work plan for Monitoring Well Installation and Quarterly Groundwater Sampling at B-2469	Malcolm Pirnie Inc.	DEC-1997
1998	Technical Response and Site Assessment for Building 11024 (LPST #111014) Release	Malcolm Pirnie Inc.	JAN-1998
	Final Site Investigation Work Plan Former Dry Cleaning	Golder Federal Services,	JAN-1998

IRP Previous Studies

1998

Title	Author	Date
Facilities, FTBL - 036	Inc., USACE-Ft Worth	
Work plan for Additional Site Investigation at B-11024 (LPST #111014)	Malcolm Pirnie Inc	JAN-1998
Final Site Investigation Former Dry Cleaning Facilities Building 2019 & 2027, FTBL - 036	Golder Federal Services, Inc., USACE-Ft Worth	FEB-1998
Relative Risk Site Evaluation - Inactive Dona Ana Range/Detonation, FTBL - 016	Malcolm Pirnie, Inc., USACE-Kansas	APR-1998
Site Closure Report, FTBL-062.	Malcolm Pirnie, Inc	APR-1998
Final Report RCRA Facility Investigation New Mexico - Phase 2, FTBL-015	Thompson Professional Group, Inc., USACE-Kansas	APR-1998
TNRCC UST Closure Request	Malcolm Pirnie, Inc	MAY-1998
Final OE Characterization and Cost Analysis Report for Castner Range, FTBL-030	Parsons Engineering Science, Inc., USACOE-Tulsa	MAY-1998
Work Plan - Hueco Range Camp RCRA Facility Assessment, FTBL - 078	Roy F. Weston, Inc., USACOE-Tulsa	MAY-1998
Assessment Report Form for B-675	Malcolm Pirnie Inc.	JUN-1998
Work plan for Quarterly Groundwater Sampling for B-675	Malcolm Pirnie Inc	JUN-1998
Site Closure Request for B-11024 (LPST #111014)	Malcolm Pirnie Inc	JUL-1998
Site Closure Request for B-11024 (LPST #99908)	Malcolm Pirnie Inc.	JUL-1998
Site Closure Report, FTBL-060	Malcolm Pirnie Inc.	SEP-1998
Final Removal Report Time Critical Ordnance and Explosive Removal Action Castner Range Ft Bliss, Texas Franklin Mountain Site, FTBL - 030	UXB International, Inc., USACE-Huntsville	SEP-1998
Final Site Investigation Trans-Mountain/Castner Range Buried Drum Site, FTBL - 070	Golder Associates, Inc., USACE-Ft Worth	SEP-1998
Final Removal Report Ordnance and Explosive Removal Action Castner Range, FTBL - 030	UXB International, Inc., USACE-Huntsville	OCT-1998
Hueco Range Camp RCRA Facility Assessment, FTBL - 078	Roy F. Weston, Inc., USACE-Tulsa	DEC-1998
Review of Existing Data and Assessment of Shallow Hydrogeology - Oil Pits at Sanitary Landfill #2, FTBL - 031	Malcolm Pirnie, Inc., USACE-Kansas	DEC-1998

1999

Final Report - Site Characterization Rubble Dump/Spill Site, FTBL - 028	Golder Associates, Inc., USACE-Ft Worth	JAN-1999
Annual Groundwater Monitoring Report for B-675	Malcolm Pirnie Inc	FEB-1999
OE/GIS Data Analysis Work Plan, FTBL - 030	Montgomery Watson, Inc., USACE-Huntsville	FEB-1999
Final McGregor Range Solid Waste Management Units - RCRA Facility Investigation Report, FTBL -032	Roy F. Weston, Inc., USACE-Tulsa	MAR-1999
Site Closure Request for B-675	Malcolm Pirnie Inc.	APR-1999
Data Validation Report for Annual Groundwater Monitoring at B-675, B-1742, B-2469, and B-11106	Malcolm Pirnie Inc.	APR-1999
Site Closure Request Form for B-1742 with a Technical Response to TNRCC Questions	Malcolm Pirnie Inc.	APR-1999

IRP Previous Studies

1999

Title	Author	Date
Annual Groundwater Monitoring Report for B-1742	Malcolm Pirnie Inc.	APR-1999
Site Closure Request for B-1742	Malcolm Pirnie Inc.	APR-1999
Annual Groundwater Monitoring Report for B-11106	Malcolm Pirnie Inc.	APR-1999
Workplan for Semi-Annual Groundwater Monitoring at B-11106	Malcolm Pirnie Inc.	APR-1999
Data Validation Report for Annual Groundwater Monitoring at B-675, B-1742, B-2469, and B-11106	Malcolm Pirnie Inc.	APR-1999
Annual Groundwater Monitoring Report for B-2469	Malcolm Pirnie Inc.	APR-1999
Product Recovery Report for B-1742 (10/98 to 4/99)	Malcolm Pirnie Inc.	APR-1999
Work plan for LNAPL Recovery from a Monitor Well at B-2469	Malcolm Pirnie Inc.	APR-1999
Work plan for Site Closure and Monitor Well Abandonment	Malcolm Pirnie Inc.	APR-1999
Final McGregor Range Solid Waste Management Units RCRA Facility Investigation Report, FTBL - 032	Roy F. Weston, Inc., USACE-Tulsa	JUL-1999
Product Recovery Report for B-2469 (10/1/98 to 4/9/02)	Malcolm Pirnie Inc.	SEP-1999
Field Activity Report on Monitoring/Sampling Results and Installation of a New Monitor Well and Work plan for Free-product Recovery From a Monitoring Well	Malcolm Pirnie Inc.	OCT-1999
Product Recovery Report for B-2469 (9/24/98 to 9/16/99)	Malcolm Pirnie Inc.	DEC-1999
Revised Site Closure Request for B-675	Malcolm Pirnie Inc.	DEC-1999

2000

Annual Groundwater Monitoring Report for B-1742	Malcolm Pirnie Inc.	MAR-2000
Annual Groundwater Monitoring Report at B-11106	Malcolm Pirnie Inc.	MAR-2000
Annual Groundwater Monitoring Report for B-2469	Malcolm Pirnie Inc.	MAR-2000
Work plan for Additional LNAPL Delineation at B-2469	Malcolm Pirnie Inc.	MAR-2000
Work plan for Free-product Recovery From Monitoring Wells at B-1742	Malcolm Pirnie Inc.	MAR-2000
Work plan for CY00 Annual Groundwater Monitoring at B-2469	Malcolm Pirnie Inc.	MAR-2000
Detailed Statement of Work Rubble Pits at Dona Ana Range and Three Other New Mexico Landfills	Malcolm Pirnie, Inc.	APR-2000
Field Activity Report on Plume Delineation Drilling at B-2469	Malcolm Pirnie Inc.	MAY-2000
Proposal for Remedial System Installation at B-2469 (TNRCC PI-7 Air Exemption Application)	Malcolm Pirnie Inc.	JUN-2000
Response to CARF/ Request to Reconsider Closure of B-675	Malcolm Pirnie Inc.	JUN-2000
Product Recovery Report for B-1742	Malcolm Pirnie Inc.	AUG-2000
Product Recovery Report for B-11106	Malcolm Pirnie Inc.	SEP-2000
B-1742 Product Recovery Report and Site Closure Request	Malcolm Pirnie Inc.	OCT-2000
B-675 Work plan for Site Closure Confirmation Boring	Malcolm Pirnie Inc.	NOV-2000
B-675 Work plan for Site Closure Confirmation Boring	Malcolm Pirnie Inc.	NOV-2000

IRP Previous Studies

2001

Title	Author	Date
Final Interim Control Measures Work Plan for Trans Mountain Buried Drum Site (FTBL-070), Castner Range	The IT Group, Inc., USACE-Tulsa	JAN-2001
Product Recovery Report for B-2469	Malcolm Pirnie Inc.	JAN-2001
Corrective Action Plan for B-2469 (Recovery System Design)	Malcolm Pirnie Inc.	JAN-2001
B-2469 Product Recovery Report and Notice of Remedial System Installation (NRSI) Form	Malcolm Pirnie Inc.	FEB-2001
Annual Groundwater Monitoring Report for B-2469	Malcolm Pirnie Inc.	FEB-2001
Work plan for CY01 Annual Groundwater Monitoring at B-2469	Malcolm Pirnie Inc.	FEB-2001
Final Response Action Completion Report for Rubble Dump Site Near Site Monitor, (SWMU 16)	Roy F. Weston, Inc., USACE-Tulsa	MAR-2001
Final Surface Geophysical Survey Report, Trans Mountain Buried Drum Site (FTBL-070), Castner Range	The IT Group, Inc., USACE-Tulsa	MAR-2001
B-675 Site Closure Request Form	Malcolm Pirnie Inc.	MAR-2001
Affected Property Assessment Report And Self-Implementation Notice, OB/OD Pit B-1, Castner Range, Fort Bliss Military Reservation, Fort Bliss, Texas.	Malcolm Pirnie, Inc.	APR-2001
Final Remedial Action Plan for Trans Mountain Buried Drum Site (FTBL-070), Castner Range	The IT Group, Inc.	APR-2001
Addendum #1, Remedial Action Plan for OB/OD Pit B-1 Site (FTBL-072), Castner Range	The IT Group, Inc.	MAY-2001
Additional Investigation, SWMUs 18, 27, and 29, Ft Bliss Military Reservation	Malcolm Pirnie, Inc, USACE-Fort Worth	JUN-2001
Operation, Monitoring and Performance Report (OMPR) for B-2469	Malcolm Pirnie Inc.	SEP-2001
Historical Records Search, Bulk Fuel Farm, Biggs Field, Fort Bliss, Texas	Malcolm Pirnie Inc.	SEP-2001
Final Response Action Completion Report, FTBL-075, Parking Lot West of Building 1177	Roy F. Weston, Inc., USACE-Tulsa	SEP-2001
Annual Groundwater Monitoring Report for Bldg. 2469, Fort Bliss	Malcolm Pirnie Inc.	SEP-2001
Work plan for Bioslurper Test Pilot at B-2469	Malcolm Pirnie Inc.	SEP-2001
Report on EOL Site Survey at Bldg. 2469, Fort Bliss, Texas	WMI International Inc.	OCT-2001
Modified Affected Property Assessment Report for Trans Mountain Buried Drum Site (FTBL-070), Castner Range	The IT Group, Inc., USACE-Tulsa	DEC-2001
Response Action Completion Report for Trans Mountain Buried Drum Site (FTBL-070), Castner Range	The IT Group, Inc., USACE-Tulsa	DEC-2001
Response Action Completion Report for OB/OD Pit B-1 Site (FTBL-072), Castner Range	The IT Group, Inc., USACE-Tulsa	DEC-2001
Revised No Further Action Petition, Six New Mexico Sites Fort Bliss Military Reservation	Malcolm Pirnie, Inc, USACE, Fort Worth	DEC-2001

2002

Letter of Understanding, Inactive McGregor Open Demolition Area, FTBL-015	Roy F. Weston, Inc., USACE- Tulsa	JAN-2002
Voluntary Corrective Action Report Inactive McGregor Range Open Detonation Pit Areas, Solid Waste Management Unit 20 (FTBL-015) Fort Bliss New	Weston Solutions (formerly Roy F. Weston, Inc.), USACOE-Tulsa	DEC-2002

IRP Previous Studies

Year	Title	Author	Date
2002	Mexico.		
2003	Geophysical Investigation Report, Former Biggs Blimp Base, Air Deployment Facility, Fort Bliss, Texas. FTBL-083	Weston Solutions, USACE-Tulsa	FEB-2003
2004	Dona Ana Range Camp Landfill #12, SWMU 27, Final Design Plans, Specifications Landfill Evapotranspiration Cap, Fort Bliss Military Reservation	Malcolm Pirnie, Inc, USACE Tulsa	MAY-2004
	Building 2469 UST Site, FTBL-052, Site Closure Request, Field Activity Report, and Workplan for Well Abandonment	Malcolm Pirnie, Inc, USACE Fort Worth	SEP-2004
	Final RFI Supplemental Work Plan Oro Grande Range Camp Landfill # 14, SWMU 25	Malcolm Pirnie, Inc.	OCT-2004
	Geophysical Survey, Biggs AAF Landfills, FTBL-006, 007, & 010	Weston Solutions, USACE-Tulsa	NOV-2004
2005	McGregor Oxidation Pond, SWMU 19, FTBL-021, Phase II RFI	Weston Solutions, USACE-Tulsa	JAN-2005
	Dona Ana Range Camp Landfill #12, (Solid Waste Management Unit No. 27) POST CLOSURE CERTIFICATION REPORT, Fort Bliss, Military Reservation	Malcolm Pirnie, Inc, USACE Tulsa	FEB-2005
	McGregor Range Camp Landfill #13, (Solid Waste Management Unit No. 18) POST CLOSURE CERTIFICATION REPORT, Fort Bliss, Military Reservation	Malcolm Pirnie, Inc, USACE Tulsa	FEB-2005
	McGregor Range Camp Landfill #13, SWMU 18, Final Design Plans, Specifications Landfill Evapotranspiration Cap, Fort Bliss Military Reservation	Malcolm Pirnie, Inc, USACE Tulsa	FEB-2005
2008	Adjacent Areas Run-On Control Dona Ana Range Camp (SWMU No. 29/FTBL-011), Fort Bliss, New Mexico	Malcolm Pirnie, Inc., USACE - Tulsa District Corps of Engineers	JAN-2008
	Response Action Completion Report Open Burn/Open Detonation Area A-1 Castner Range (FTBL-073), Fort Bliss, Texas	Shaw Environmental, Inc., USACE - Tulsa District Corps of Engineers	JAN-2008
	Sampling and Analysis Plan - McGregor Range and Dona Ana Range SWMU Sites, Fort Bliss, New Mexico	Weston Solutions, inc., USACE - Tulsa District Corps of Engineers	JAN-2008
	Work plan Phase 4 RCRA Facility Investigation - Inactive McGregor Range Open Detonation Site (SWMU No. 20/FTBL-015), Fort Bliss, New Mexico	Weston Solutions, Inc., USACE - Tulsa District Corps of Engineers	MAR-2008
	Geophysical Investigation Report To Delineate Landfill Boundaries (SWMU No. 11/FTBL-007), Fort Bliss, Texas	Weston Solutions, Inc., USACE - Tulsa District Corps of Engineers	APR-2008
2009	Revised Supplemental RFI Report, SWMU No. 19, McGregor Range Camp Oxidation Pond	Weston Solutions, Inc., USACE - Tulsa District Corps of Engineers	FEB-2009
	Site-specific Background Values, McGregor Range Camp Area and Site-specific Background Values, Dona	Weston Solutions, Inc., USACE - Tulsa District	AUG-2009

IRP Previous Studies

Year	Title	Author	Date
2009	Ana Range Area, Ft. Bliss, New Mexico	Corps of Engineers	
	Phase 4 RCRA Facility Investigation - Inactive McGregor Range Open Detonation Site (SWMU No. 20/FTBL-015), Fort Bliss, New Mexico	Weston Solutions, Inc., USACE - Tulsa District Corps of Engineers	OCT-2009
2010	Re-evaluation of Land Use Classification Report for Buildings 60-36 and 60-276, Pesticide Storage and Mixing Area (SWMU-50/FTBL-019), Fort Bliss Military Reservation, El Paso, Texas	Corps of Engineers, Tulsa District	MAR-2010
	Completion Report for Expedited Soil Characterization And Removal Bldg 1177, FTBL-075,	ZIA, US Army Corps of Engineers, Tulsa District, for Fort Bliss	JUL-2010
	Final Completion Report for Engineering Controls & Environmental System Upgrades	Ayuda Management Corporation	NOV-2010
	Final Work Plan for Engineering Controls & Environmental System Upgrades, Fort Bliss	Ayuda Management Corporation	DEC-2010
2011	Re-evaluation of Land Use Classification for Building, Herbicide Storage Building (FTBL-034) Report	By the Corps of Engineers, Tulsa District , for Fort Bliss	JUN-2011
	Site Investigation Field Activity Report for FTBL-079, Former Truck Wash Facility	for the Corps of Engineers, Tulsa District	SEP-2011
	Final letter report for the Cover and Borrow Area Investigation of the Oro Grande Landfill (FTBL-014),	Malcolm Pirnie for the Corps of Engineers	NOV-2011
2012	Revised Cost Estimate for Grading of Oro Grande Landfill (SWMU-25/FTBL-014) as an Alternative for Closure Option 3A Dig and Haul to Otero Landfill	Malcolm Pirnie for the Corps of Engineers	MAR-2012
2014	Final Work Plan - Affected Property Assessment Lower Beaumont Parcel	Arcadis	MAR-2014
	Preliminary Assessment Report and Fencing for Illegal Dump Site at Far East Bliss	Prepared by: Oneida Total Integrated Enterprises, LLC	NOV-2014
2015	Corrective Action Plan - FTBL-014 (SWMU25) Orograde Landfill	CAPE	DEC-2015

FORT BLISS
Installation Restoration Program
Site Descriptions

Site ID: FTBL-011

Site Name: LANDFILL 11 DONA ANA SWMU-29

STATUS

Regulatory Driver: RCRA

RRSE: LOW

Contaminants of Concern: Metals, Petroleum, Oil and Lubricants (POL)

Media of Concern: Soil

Phases	Start	End
RFA.....	198606.....	199001
CS.....	199610.....	200011
RFI/CMS.....	200011.....	200112
DES.....	200201.....	200306
CMI(C).....	200305.....	200309
LTM.....	200805.....	202309

RIP Date: N/A

RC Date: 200309

SITE DESCRIPTION

The FTBL-011 site is a trench-type landfill of less than 5 acres located 1 mile southwest of the Dona Ana Range Camp. The site received sanitary waste from the camp in the 1940's. Refuse disposed included horseshoes, timber, bottles, paper and other scrap metal. A subsequent RI conducted in the late 1990's determined that a Resource Conservation and Recovery Act (RCRA) release had not occurred.

In spring 2002, a VCAR was submitted to NMED. The report was reviewed November 2004, accepting the existing 60-year old cover on FTBL-011; however, fencing and signage was installed August 2003 consequent to NMED's review. In addition, a diversion channel and upgradient berm were constructed to prevent surface water from flowing onto the landfill and diminish future risk of transport of contaminants from the site.

NMED approved the completion of the corrective actions May, 2008 (NMED Hazardous Waste Bureau Letter, May 27, 2008) and designated the site as a LTM site. NMED required post-closure annual inspections of the runoff controls and landfill cover for 15 years (2008 to 2023). The annual post-closure site inspections and inspection reports for NMED are conducted using in-house resources. However, additional costs apply to this site, including the NMED annual fee to conduct review of annual inspection reports, NMED annual fee for facilities in the Fort Bliss Hazardous Waste permit and the cost for regulatory five-year reviews required for LTM sites.

Note: The 2002 VCAR submitted to NMED included sites FTBL-011 (Dona Ana Sanitary Landfill), FTBL-012 (Dona Ana Rubble Pit landfill) and FTBL-13 (McGregor Range Rubble Pit Landfill). The three sites comprised similar landfill activities and disposals. Corrective action approval for these sites was received from NMED between 2007 and 2008. The FTBL-013 site approval letter (NMED Hazardous Waste Bureau Letter, June 12, 2007) specified 15 years of post-closure care, therefore it is assumed that post-closure care for FTBL-011 and FTBL-012 will also be 15 years.

The latest annual post-closure inspection was conducted June 24, 2015 in accordance with requirements stated in the NMED approval letter dated May 27, 2008 for post-closure care. Site run-off controls and landfill cover were inspected resulting in no findings.

The annual post-closure inspections will continue. The next inspection will be conducted in CY16.

CLEANUP/EXIT STRATEGY

The yearly inspection will continue at FTBL-011. The next inspection will be completed.

STATUS

Regulatory Driver: RCRA

RRSE: LOW

Contaminants of Concern: Metals, Petroleum, Oil and Lubricants (POL)

Media of Concern: Soil

Phases	Start	End
RFA.....	198606.....	199001
CS.....	199610.....	199707
RFI/CMS.....	199707.....	200112
DES.....	200201.....	200309
CMI(C).....	200403.....	200409
LTM.....	200710.....	202209

RIP Date: N/A

RC Date: 200409

SITE DESCRIPTION

The FTBL-012 site is trench-type landfill of approximately 5 to 7 acres located half mile southwest of Dona Ana Range Camp. The site was used since the early-1950s to dispose of refuse, rubble and other materials and was covered with native soil and graded in 1984. A subsequent RI determined that there was no contamination at the site.

In 2002, a VCAR was submitted to NMED. A landfill cap, fence and signage were installed in 2004 in accordance with NMED's request. The corrective actions implemented were approved (NMED Hazardous Waste Bureau letter, Oct. 20, 2007) and the site was designated as a LTM site. As a result, post-closure care was required for 15 years (2008 to 2023).

Post-closure inspections are scheduled before and after the wet summer season and after each major rainfall event that produces more than one inch of precipitation. The post-closure inspection and inspection reports to NMED, which include observations of the landfill cap, side slopes, water drainage system and site vegetation condition are conducted using in-house resources. Additional costs apply for this site, including the NMED annual fee to conduct review of annual inspection reports, NMED annual fee for facilities in the Fort Bliss Hazardous Waste permit and the cost for regulatory five-year reviews required for LTM sites.

Note: The 2002 VCAR submitted to NMED included sites FTBL-011 (Dona Ana Sanitary Landfill), FTBL-012 (Dona Ana Rubble Pit landfill) and FTBL-13 (McGregor Range Rubble Pit Landfill). The three sites comprised similar landfill activities and disposals. Corrective action approval for these sites were received from NMED between 2007 and 2008. The FTBL-013 site approval letter (NMED Hazardous Waste Bureau Letter, June 12, 2007) specified 15 years of post-closure care, therefore it is assumed that post-closure care for FTBL-011 and FTBL-012 will also be 15 years.

The latest annual post-closure inspection was conducted June 24, 2015 in accordance with requirements stated in the NMED approval letter dated Oct. 30, 2007 for post-closure care. Landfill cover and slopes, water drainage and vegetation cover were inspected resulting in no findings.

Semiannual post-closure inspections and after-rain events inspections will continue. The next inspection will be conducted in CY16.

CLEANUP/EXIT STRATEGY

NMED has approved the NFA with comments. LTM is required for a period of 15 years. The LTM inspections will be accomplished with in-house resources.

A rehabilitation and maintenance of the swale for the Dona Ana Landfill FTBL-012, which has been eroded from large rainfall events during previous years, will be completed by the end of the year.

Site ID: FTBL-012
Site Name: RUBBLE PIT 12 DONA ANA SWMU-27

The yearly inspection of the landfill will continue.

Site ID: FTBL-013

Site Name: RUBBLE PIT 13 MCGREGOR SWMU-18

STATUS

Regulatory Driver: RCRA

RRSE: LOW

Contaminants of Concern: Metals, Petroleum, Oil and Lubricants (POL)

Media of Concern: Soil

Phases	Start	End
RFA.....	198606.....	199001
CS.....	199310.....	199509
RFI/CMS.....	199510.....	200112
DES.....	200201.....	200403
CMI(C).....	200404.....	200406
LTM.....	200706.....	202309

RIP Date: N/A

RC Date: 200409

SITE DESCRIPTION

The FTBL-013 site is a multiple trench-type landfill of approximately 20-acres area located 500 feet southeast of McGregor Range Camp. The site was used since the early 1960s for disposal of refuse, rubble and other materials, and was later covered with native soil and graded. A subsequent RFI determined that a RCRA release had not occurred.

In the spring of 2002, a VCAR was submitted to NMED. A landfill cap, fence and signage were installed in 2004 as a result of NMED's review. The corrective actions implemented were approved by NMED June 12, 2007 (NMED Hazardous Waste Bureau Letter, June 12, 2007) designating the site as a LTM site. Consequently, NMED required post-closure care for 15 years (2008 to 2023).

Post-closure annual inspection reports of the landfill cap, drainage system and site vegetation, are conducted for NMED using in-house resources. Additional costs apply for this site, including the NMED annual fee to conduct review of annual inspection reports, NMED annual fee for facilities in the Fort Bliss Hazardous Waste permit and the cost for regulatory five-year reviews required for LTM sites.

The latest annual post-closure inspection was conducted June 24, 2015 in accordance with requirements stated in the NMED approval letter dated June 12, 2007 for post-closure care. The landfill cover, drainage system and site vegetation were inspected resulting in no findings.

The annual post-closure inspections will continue. The next inspection will be conducted CY16.

CLEANUP/EXIT STRATEGY

NMED has approved the NFA with comments. LTM is required for a period of 15 years. The LTM inspections will be accomplished with in-house resources. A new fence will need to be surveyed. Yearly monitoring will continue at this site.

Site Name: RUBBLE PIT 14 ORO GRANDE SWMU-25

STATUS

Regulatory Driver: RCRA

RRSE: LOW

Contaminants of Concern: Other (Package materials, Building materials, Demo debris)

Media of Concern: Soil

Phases	Start	End
RFA.....	198606.....	199001
CS.....	199610.....	199707
RFI/CMS.....	199707.....	201403
DES.....	201507.....	201704
CMI(C).....	201706.....	201906

RIP Date: N/A

RC Date: 201907

SITE DESCRIPTION

The FTBL-014 site is a trench-type landfill located approximately 0.8 miles southwest of the Orogrande Range Camp in Otero County, New Mexico within the Fort Bliss boundary. Waste disposal, which occurred from 1964 to 1994, consisted of concrete, glass, building materials, plastic, wiring, packaging materials and demolition debris.

Based on a RFI, the buried waste extends to an approximately 0.29-acre area. Its volume height varies, reaching up to 7 feet, while the soil cover height varies from 1 to 10 feet. The bottom layer of the waste is located 12 to 14 feet below ground surface. A total of 2,075 cubic yards of waste were estimated.

NMED reviewed an investigation report conducted by Fort Bliss on the landfill cover September 2013 and requested landfill closure under federal regulations applicable to hazardous waste disposal facilities [40 Code of Federal Regulations Section 264 (40 CFR 264)]. However, the closure request was later modified due to no hazardous waste being present at the landfill. NMED recommended the complete removal of waste as the best site remediation alternative.

A PWS was completed for the Orogrande landfill site, resulting in a contract for the preparation of a CA work plan awarded July 2015. The CA work plan was completed December 2015 in accordance with RCRA federal regulations and was submitted to NMED for review, with NMED approval letter issued May 13, 2016.

CLEANUP/EXIT STRATEGY

Fort Bliss plans to remove all the waste from landfill and dispose of it in the Otero County, New Mexico, Sub Title D landfill.

This would eliminate any type of post-closure care. Fort Bliss would sample the bottom and side walls of the excavation to ensure that no contaminants were left in place. The final step would be to backfill with clean soil to grade.

Future actions on the landfill include a corrective action work plan, and the corrective action will start upon approval of the work plan by NMED.

Site ID: FTBL-015

Site Name: EOD OPEN DEMO AREA SWMU-20

STATUS

Regulatory Driver: RCRA

RRSE: MEDIUM

Contaminants of Concern: Metals, Petroleum, Oil and Lubricants (POL)

Media of Concern: Soil

Phases	Start	End
RFA.....	198606.....	199001
CS.....	199610.....	199704
RFI/CMS.....	199710.....	200812
LTM.....	200910.....	202409

RIP Date: N/A

RC Date: 200812

SITE DESCRIPTION

The FTBL-015 site extends over a 10-acre area that contains two earthen pits and small trenches, .5 mile north of McGregor Range Camp. The site was closed in 1958, but the presence of Hawk missile components indicated that it was used at least until the early 1960s. Empty 55-gallon drums, scrap metal, construction rubble and parts of Nike and Hawk missiles were found across the site.

A RFI completed December 1996 determined that a release above the NMED soil screening levels (SSL) had not occurred.

A subsequent investigation was conducted and reported to NMED through an RFI December 2008. An approval with modifications was issued, however none of the identified concerns were deemed significant enough to warrant revisions to the report (NMED Approval with Modifications for Final RFI letter, Oct. 7, 2009). According to NMED, the FTBL-015 site could not be designated for unrestricted land use due to the complete removal of materials potentially posing and explosive hazard (MPPEH) was not guaranteed. As a result, the FTBL-015 site was designated for LTM, requesting the installation of warning signs and fencing and to conduct biennial post-closure inspections for 15 years.

Note: A VCAR report was submitted to NMED in 2002 for site FTBL-13 (McGregor Range Rubble Pit Landfill), located approximately one mile southwest of FTBL-015. Corrective action approval for this site, received June 12, 2007, requested post-closure care for 15 years. FTBL-015 approval letter did not specify the LTM duration, therefore, it is assumed that post-closure care for FTBL-015 will also be 15 years (2010 to 2024).

The latest biennial inspection was conducted Sept. 19, 2014 in accordance with NMED requirements. The inspection, which assessed the presence of MPPEH and the condition of fencing, signage and site vegetation, resulted in no findings. The next biennial inspection will be conducted CY16.

The final RFI was submitted to the NMED for review in December 2008. The RFI report was approved with comments by NMED on Oct. 7, 2009. Background sampling reports for Dona Ana Range Camp and McGregor Range Camp were approved by NMED on Aug. 12, 2009.

The Inactive McGregor Range Open Detonation Area FTBL-015 was inspected and the site inspection report was sent to NMED prior to Dec. 31, 2014. As stated in the letter from NMED dated Oct. 2, 2013, the permittee must conduct biennial inspections at FTBL-015, to include gates, fences and signage.

CLEANUP/EXIT STRATEGY

Biennial inspections will continue at this site. The next inspection will occur in CY16.

Site Closeout (No Further Action) Summary

Site ID	Site Name	NFA Date	Documentation
FTBL-001	SANITARY LANDFILL 1 (SWMU 1)	199203	Memorandum For: DD detailing the closing of 27 DERP sites Date: 01 FEB 01
FTBL-002	CLOSED SANITARY LANDFILL 2 (SWMU #3)	199206	Memorandum For: DD detailing the closing of 27 DERP sites Date: 01 FEB 01
FTBL-003	CLOSED RUBBLE LANDFILL 3 (SWMU #6)	201212	The installation has place a fence around the entire site to deter illegal dumping, which is occurring. The installation plans to place photovoltaic panels on the site as a sustainable energy site source.
FTBL-004	CLOSED SANITARY LANDFILLS 4A&4B(SWMU#7#8	199001	Memorandum For: DD detailing the closing of 27 DERP sites Date: 01 FEB 01, 4A and 4B
FTBL-005	CLOSED SANITARY LANDFILL 5 (SWMU #9)	199001	Memorandum For: DD detailing the closing of 27 DERP sites Date: 01 FEB 01
FTBL-006	DISPOSAL AREA LANDFILL 6 (SWMU #10)	199001	Memorandum For: DD detailing the closing of 27 DERP sites Date: 01 FEB 01
FTBL-007	CLOSED SANITARY LANDFILL 7 (SWMU #11)	199001	Memorandum For: DD detailing the closing of 27 DERP sites Date: 01 FEB 01
FTBL-008	DISPOSAL AREA LANDFILL 8 (SWMU #12)	199001	Memorandum For: DD detailing the closing of 27 DERP sites Date: 01 FEB 01
FTBL-009	DISPOSAL AREA LANDFILL 9 (SWMU #13)	199001	Memorandum For: DD detailing the closing of 27 DERP sites Date: 01 FEB 01
FTBL-010	CLOSED LANDFILL 10 (SWMU #14)	199001	Memorandum For: DD detailing the closing of 27 DERP sites Date: 01 FEB 01
FTBL-016	DONA ANA RANGE 41 (SWMU #26)	200009	This is an active range and is therefore not eligible for ER,A/BRAC funding / Letter hand carried to NMED asking to be removed from permit. A letter sent from NMED, dated July 11, 2007, indicated that NMED, cannot administratively remove a Solid Waste Management Unit (SWMU) from the permit without the unit having achieved corrective action complete without controls status. However, NMED will defer investigation and corrective action until Dona Ana Range 41 is closed.
FTBL-017	RAYTHEON CHROMIC ACID PIT/SWMU 33	199712	Memorandum For: DD detailing the closing of 27 DERP sites Date: 01 FEB 01
FTBL-018	BIGGS INAC FIRE FIGHT TRAIN AREA/SWMU 32	199603	After the reevaluation was completed by the Corps of Engineers, it was determined that the site will remain as a commercial/ industrial and no further study will be needed. However the site will remain in the PR.
FTBL-019	PEST STG & MIX BLDGS 60-36,-276/SWMU50	201003	Reclassified for unrestricted use closure letter from TCEQ, dated March 22, 2010.
FTBL-020	PATHOLOGICAL INCINERATOR (SWMU #40)	199001	Memorandum For: DD detailing the closing of 27 DERP sites Date: 01 FEB 01
FTBL-021	MCGREGOR OXIDATION LAGOON (SWMU #19)	200601	This site is not eligible ER,A funding.
FTBL-022	ORO GRANDE OXIDATION LAGOON/SWMU 25B	200007	Transferred to WSMR as per MOU 05 SEP 01.
FTBL-023	DONA ANA OXIDATION LAGOON (SWMU #27B)	200009	This site has been placed in the CC program for Groundwater Monitoring.

Site Closeout (No Further Action) Summary

Site ID	Site Name	NFA Date	Documentation
FTBL-024	OXIDATION LAGOON JTF6/SWMU 39	200102	Closure Letter from TCEQ Dated: 14 MAR 01
FTBL-025	HAZARDOUS WASTE & PCB STG (SWMU #30)	199211	Closure Letter from TCEQ, 30 APR 98
FTBL-028	RUBBLE DUMP SITE(NR SITE MONITOR)/SWMU16	200103	Closure Letter from TCEQ, 21 NOV 02
FTBL-029	BIGGS AAF FORMER FIRE TRAIN AREA/SWMU 31	200103	Closure Letter from TCEQ Dated: 14 MAR 01
FTBL-030	FTBL030/FTBL004-R-01	199909	This site is being remediated under the MMRP program.
FTBL-031	OIL PITS AT INACTIVE SANITARY LF2/SWMU 4	200009	Memorandum For: DD detailing the closing of 27 DERP sites Date: 01 FEB 01
FTBL-032	MCGREGOR FORMER FFTA	200009	In a letter from NMED, Fort Bliss was issued NFA - letter dated 14 JAN 02.
FTBL-033	STORMWATER IMPOUNDMENT AREA (SWMU #45)	199203	Memorandum For: DD detailing the closing of 27 DERP sites Date: 01 FEB 01
FTBL-034	HERBICIDE STG BLDG 11160/SWMU 63	201110	Closure Letter from the Texas Commission on Environmental Quality (TCEQ) date Oct. 6, 2011.
FTBL-035	CLOSED RUBBLE PIT #1 (SWMU #2)	198903	Memorandum For: DD detailing the closing of 27 DERP sites Date: 01 FEB 01
FTBL-036	UNICOR DRY CLEANING FAC B-2019/SWMU 65	200109	Closure Letter from TCEQ Dated: 12 OCT 02
FTBL-037	MCGREG BORROW PIT DRUM BURIAL SITE/SWM66	200009	In a letter from NMED, Fort Bliss was issued NFA - letter dated 14 JAN 02.
FTBL-038	BLDG 1378 UST SITE (TX)/SWMU 67	199912	Closure Letter from TCEQ Dated: 13 FEB 02
FTBL-039	BLDG 199 UST SITE (TX)/SWMU 68	199904	Closure Letter from TCEQ Dated: 8 APR 99
FTBL-040	BLDG 1742 UST SITE (TX)/SWMU 69	200010	Closure Letter from TCEQ Dated: 26 JAN 04
FTBL-041	BLDG 11106 FORMER UST SITE (TX)/SWMU 70	199607	Active Site in the CC program.
FTBL-042	BLDG 9522 UST SITE (NM)/SWMU 71	199608	No written documentation, however a verbal closure was given.
FTBL-043	RUBBLE PIT NO. 2 (SWMU #5)	199001	Memorandum For: DD detailing the closing of 27 DERP sites Date: 01 FEB 01
FTBL-044	RUBBLE DUMP-BIGGS AAF (SWMU #15)	199001	Memorandum For: DD detailing the closing of 27 DERP sites Date: 01 FEB 01
FTBL-045	WASTE DRUM STG AREA (MCGREGOR) (SWMU #22)	200009	In a letter from NMED, Fort Bliss was issued NFA - letter dated 14 JAN 02.
FTBL-046	DRAINAGE DITCH NEAR BLDG 1248 (SWMU #49)	199001	Memorandum For: DD detailing the closing of 27 DERP sites Date: 01 FEB 01
FTBL-047	ILLEGAL DUMP SITE (ORO GRANDE)/SWMU 72	200007	Memorandum For: DD detailing the closing of 27 DERP sites Date: 01 FEB 01
FTBL-049	B-1116 SOIL REMED & DISPOSAL/SWMU 74	200009	Memorandum For: DD detailing the closing of 27 DERP sites Date: 01 FEB 01
FTBL-050	B-11636 BOP PONDS INVEST & REMED/SWMU 75	200703	NFA letter received JUL 1998 from the Texas Natural Resource Conservation Commission.
FTBL-051	MEYER OXIDATION LAGOON (SWMU #76)	200009	This site has been placed in the CC program for Groundwater Monitoring.
FTBL-052	BLDG.2469 UST SITE	199410	Closure Letter from TCEQ Dated: 21 DEC 04
FTBL-053	BLDG. 9496 UST SITE	199603	Soil never exceeded standards, no site closure.

Site Closeout (No Further Action) Summary

Site ID	Site Name	NFA Date	Documentation
FTBL-054	BLDG. 2491 UST SITE	199711	Closure Letter from TCEQ Dated: 15 OCT 97
FTBL-055	BLDG. 9485 UST SITE	199609	Closure Letter from NMED, 27 MAR 96.
FTBL-056	BLDG. 675 UST SITE	200104	Closure Letter from TCEQ Dated: 01 NOV 01
FTBL-057	BLDG. 4115 UST SITE	199905	Closure Letter from TCEQ Dated: 15 MAY 98
FTBL-058	BLDG. 11041 UST SITE	199810	Closure Letter from TCEQ Dated: 12 MAR 04
FTBL-059	BLDG. 11107 UST SITE	199607	Soil never exceeded TCEQ standards. There are no site closure documents for this site.
FTBL-060	BLDG. 5898 UST SITE	199907	Closure Letter from TCEQ Dated: 06 JUL 99
FTBL-061	BLDG. 8172 UST SITE	199909	A closure letter was sent to NMED on 08 SEP 99, but they never replied with a closure letter despite several requests from DOE.
FTBL-062	BLDG. 56 UST SITE	199912	Closure Letter from TCEQ Dated: 14 DEC 99
FTBL-063	BLDG. 6957 UST SITE	199605	Soil never exceeded TCEQ standards. There is no closure documentation on this site.
FTBL-064	BLDG. 2427 UST SITE	199603	Verbal closure from TCEQ was given in JUL 1995 on this site. There is no closure documentation on this site.
FTBL-065	BLDG. 2990 UST SITE	199803	Site was overexcavated to clean up soils. No closure letter. Site clean closed, as per Bob Lenhart, 01 MAR 07.
FTBL-066	BLDG. 11603 UST SITE	199809	Fort Bliss research on September 9-10, 2014, for closure letter from TNRCC for the FTBL 66 (B-11603) and found that a closure letter was never received. A call to TCEQ indicated that they think the reason Fort Bliss didn't get a letter might be because the site was never designated as a Leaking Petroleum Storage Tank site. TCEQ asked that Fort Bliss for some pages from the 1998 closure request and they TCEQ will determine what Fort Bliss needs to do to get a closure letter.
FTBL-067	BLDG. 11283 UST SITE	199810	Closure Letter from TCEQ, Dated: 13 APR 04
FTBL-068	BLDG. 3699 UST SITE	199605	Closure Letter from TCEQ Dated: 15 OCT 04
FTBL-069	BLDG. 5, UST SITE	199809	Closure Letter from TCEQ Dated: 20 AUG 98
FTBL-072	CASTNER OBOD PIT B-1	200109	Closure letter from TCEQ: Dated 10 Jan 2003.
FTBL-073	CASTNER OBOD PIT A-1	200805	A "No further Corrective Action Necessary" letter from the Texas Commission on Environmental Quality was issued May 15, 2008.
FTBL-074	NORTH HILLS RESERVOIR FUDS SITE	199611	Not Eligible For ER,A/BRAC Funding; Memorandum For: DD detailing the

Site Closeout (No Further Action) Summary

Site ID	Site Name	NFA Date	Documentation
			closing of 27 DERP sites Date: 01 FEB 01
FTBL-075	BLDG. 1177 PCB DUMP SITE	201007	Reclassified for unrestricted use closure letter from TCEQ, dated July 19, 2010.
FTBL-078	HEUCO RANGE CAMP	200009	In a letter from NMED, Fort Bliss was issued NFA - letter dated 14 JAN 02.
FTBL-079	B2598 TRUCK WASH AREA	201209	After the reevaluation of the site by the Corps of Engineers, a letter from TCEQ, dated Sept. 20, 2012, indicated that the re-evaluation of the site from commercial/industrial to residential was accepted.
FTBL-080	OLD MESA WELL FIELD	200009	Not Eligible For ER,A/BRAC Funding Concurrence letter from the Water Well Drillers/Pump Installer Section. 06 AUG 03.
FTBL-081	ORGAN MOUNTAINS STATION	200109	Closure Letter from NMED, 12 NOV 04.
FTBL-082	BUILDING 7146 USTS WBAMC	200205	Closure Letter from TCEQ, 28 MAR 03.
FTBL-083	BIGGS AAF BLIMP BASE FUELING FACILITY	201104	No Further Action letter from Texas Commission on Environmental Quality (TCEQ) date March 18, 2011.
FTBL-084	USAF FUEL LINE BULK FUEL FARM, BIGGS AAF	200308	NFA letter from TCEQ dated 7 JUL 05.
FTBL-70	TRANSMOUNTAIN BURIED DRUM SITE	200109	Closure Letter from TCEQ Dated: 31 DEC 02
FTBL-76	CASTNER RECREATION AREA DUMP SITE	199708	Memorandum For: DD detailing the closing of 27 DERP sites Date: 01 FEB 01
FTBL-77	SOUTH OIL PITS-SANITARY LANDFILL NO. 2	199609	Memorandum For: DD detailing the closing of 27 DERP sites Date: 01 FEB 01
FTBL071	MEDICAL/CALVARY DUMP	199606	Memorandum For: DD detailing the closing of 27 DERP sites Date: 01 FEB 01

IRP Schedule

Date of IRP Inception: 198306

Past Phase Completion Milestones

1984

RFA (FTBL-030 - FTBL030/FTBL004-R-01)

1987

CS (FTBL-019 - PEST STG & MIX BLDGS 60-36,-276/SWMU50)

RFA (FTBL-019 - PEST STG & MIX BLDGS 60-36,-276/SWMU50, FTBL-028 - RUBBLE DUMP SITE(NR SITE MONITOR)/SWMU16)

1989

CMI(C) (FTBL-017 - RAYTHEON CHROMIC ACID PIT/SWMU 33)

RFA (FTBL-017 - RAYTHEON CHROMIC ACID PIT/SWMU 33, FTBL-035 - CLOSED RUBBLE PIT #1 (SWMU #2))

RFI/CMS (FTBL-017 - RAYTHEON CHROMIC ACID PIT/SWMU 33)

CS (FTBL-017 - RAYTHEON CHROMIC ACID PIT/SWMU 33, FTBL-035 - CLOSED RUBBLE PIT #1 (SWMU #2))

1990

INV (FTBL-039 - BLDG 199 UST SITE (TX)/SWMU 68, FTBL-041 - BLDG 11106 FORMER UST SITE (TX)/SWMU 70)

ISC (FTBL-039 - BLDG 199 UST SITE (TX)/SWMU 68, FTBL-041 - BLDG 11106 FORMER UST SITE (TX)/SWMU 70)

CS (FTBL-001 - SANITARY LANDFILL 1 (SWMU 1), FTBL-002 - CLOSED SANITARY LANDFILL 2 (SWMU #3), FTBL-003 - CLOSED RUBBLE LANDFILL 3 (SWMU #6), FTBL-004 - CLOSED SANITARY LANDFILLS 4A&4B(SWMU#7#8, FTBL-005 - CLOSED SANITARY LANDFILL 5 (SWMU #9), FTBL-006 - DISPOSAL AREA LANDFILL 6 (SWMU #10), FTBL-007 - CLOSED SANITARY LANDFILL 7 (SWMU #11), FTBL-008 - DISPOSAL AREA LANDFILL 8 (SWMU #12), FTBL-009 - DISPOSAL AREA LANDFILL 9 (SWMU #13), FTBL-010 - CLOSED LANDFILL 10 (SWMU #14), FTBL-018 - BIGGS INAC FIRE FIGHT TRAIN AREA/SWMU 32, FTBL-020 - PATHOLOGICAL INCINERATOR (SWMU #40), FTBL-022 - ORO GRANDE OXIDATION LAGOON/SWMU 25B, FTBL-024 - OXIDATION LAGOON JTF6/SWMU 39, FTBL-025 - HAZARDOUS WASTE & PCB STG (SWMU #30), FTBL-029 - BIGGS AAF FORMER FIRE TRAIN AREA/SWMU 31, FTBL-031 - OIL PITS AT INACTIVE SANITARY LF2/SWMU 4, FTBL-032 - MCGREGOR FORMER FFTA, FTBL-033 - STORMWATER IMPOUNDMENT AREA (SWMU #45), FTBL-034 - HERBICIDE STG BLDG 11160/SWMU 63, FTBL-043 - RUBBLE PIT NO. 2 (SWMU #5), FTBL-044 - RUBBLE DUMP-BIGGS AAF (SWMU #15), FTBL-045 - WASTE DRUM STG AREA (MCGREGOR) (SWMU #22, FTBL-046 - DRAINAGE DITCH NEAR BLDG 1248 (SWMU #49))

RFA (FTBL-001 - SANITARY LANDFILL 1 (SWMU 1), FTBL-002 - CLOSED SANITARY LANDFILL 2 (SWMU #3), FTBL-003 - CLOSED RUBBLE LANDFILL 3 (SWMU #6), FTBL-004 - CLOSED SANITARY LANDFILLS 4A&4B(SWMU#7#8, FTBL-005 - CLOSED SANITARY LANDFILL 5 (SWMU #9), FTBL-006 - DISPOSAL AREA LANDFILL 6 (SWMU #10), FTBL-007 - CLOSED SANITARY LANDFILL 7 (SWMU #11), FTBL-008 - DISPOSAL AREA LANDFILL 8 (SWMU #12), FTBL-009 - DISPOSAL AREA LANDFILL 9 (SWMU #13), FTBL-010 - CLOSED LANDFILL 10 (SWMU #14), FTBL-011 - LANDFILL 11 DONA ANA SWMU-29, FTBL-012 - RUBBLE PIT 12 DONA ANA SWMU-27, FTBL-013 - RUBBLE PIT 13 MCGREGOR SWMU-18, FTBL-014 - RUBBLE PIT 14 ORO GRANDE SWMU-25, FTBL-015 - EOD OPEN DEMO AREA SWMU-20, FTBL-016 - DONA ANA RANGE 41 (SWMU #26), FTBL-018 - BIGGS INAC FIRE FIGHT TRAIN AREA/SWMU 32, FTBL-020 - PATHOLOGICAL INCINERATOR (SWMU #40), FTBL-021 - MCGREGOR OXIDATION LAGOON (SWMU #19), FTBL-022 - ORO GRANDE OXIDATION LAGOON/SWMU 25B, FTBL-023 - DONA ANA OXIDATION LAGOON (SWMU #27B), FTBL-024 - OXIDATION LAGOON JTF6/SWMU 39, FTBL-025 - HAZARDOUS WASTE & PCB STG (SWMU #30), FTBL-029 - BIGGS AAF FORMER FIRE TRAIN AREA/SWMU 31, FTBL-031 - OIL PITS AT INACTIVE SANITARY LF2/SWMU 4, FTBL-032 - MCGREGOR FORMER FFTA, FTBL-033 - STORMWATER IMPOUNDMENT AREA (SWMU #45), FTBL-034 - HERBICIDE STG BLDG 11160/SWMU 63, FTBL-043 - RUBBLE PIT NO. 2 (SWMU #5), FTBL-044 - RUBBLE DUMP-BIGGS AAF (SWMU #15), FTBL-045 - WASTE DRUM STG AREA (MCGREGOR) (SWMU #22, FTBL-046 - DRAINAGE DITCH NEAR BLDG 1248 (SWMU #49))

1991

ISC (FTBL-040 - BLDG 1742 UST SITE (TX)/SWMU 69, FTBL-057 - BLDG. 4115 UST SITE, FTBL-066 - BLDG. 11603 UST SITE)

INV (FTBL-040 - BLDG 1742 UST SITE (TX)/SWMU 69, FTBL-057 - BLDG. 4115 UST SITE, FTBL-066 - BLDG.

IRP Schedule

	11603 UST SITE)
RFA	(FTBL-049 - B-1116 SOIL REMED & DISPOSAL/SWMU 74)
1992	
RFA	(FTBL-036 - UNICOR DRY CLEANING FAC B-2019/SWMU 65, FTBL-037 - MCGREG BORROW PIT DRUM BURIAL SITE/SWM66)
INV	(FTBL-038 - BLDG 1378 UST SITE (TX)/SWMU 67, FTBL-042 - BLDG 9522 UST SITE (NM)/SWMU 71)
RFI/CMS	(FTBL-001 - SANITARY LANDFILL 1 (SWMU 1), FTBL-002 - CLOSED SANITARY LANDFILL 2 (SWMU #3), FTBL-025 - HAZARDOUS WASTE & PCB STG (SWMU #30), FTBL-033 - STORMWATER IMPOUNDMENT AREA (SWMU #45))
ISC	(FTBL-038 - BLDG 1378 UST SITE (TX)/SWMU 67, FTBL-042 - BLDG 9522 UST SITE (NM)/SWMU 71)
1993	
ISC	(FTBL-055 - BLDG. 9485 UST SITE)
CAP	(FTBL-039 - BLDG 199 UST SITE (TX)/SWMU 68, FTBL-040 - BLDG 1742 UST SITE (TX)/SWMU 69, FTBL-041 - BLDG 11106 FORMER UST SITE (TX)/SWMU 70, FTBL-042 - BLDG 9522 UST SITE (NM)/SWMU 71, FTBL-055 - BLDG. 9485 UST SITE)
INV	(FTBL-055 - BLDG. 9485 UST SITE)
1994	
CAP	(FTBL-038 - BLDG 1378 UST SITE (TX)/SWMU 67, FTBL-053 - BLDG. 9496 UST SITE)
CS	(FTBL-050 - B-11636 BOP PONDS INVEST & REMED/SWMU 75)
ISC	(FTBL-053 - BLDG. 9496 UST SITE, FTBL-056 - BLDG. 675 UST SITE, FTBL-058 - BLDG. 11041 UST SITE, FTBL-060 - BLDG. 5898 UST SITE, FTBL-061 - BLDG. 8172 UST SITE, FTBL-062 - BLDG. 56 UST SITE, FTBL-064 - BLDG. 2427 UST SITE, FTBL-067 - BLDG. 11283 UST SITE, FTBL-068 - BLDG. 3699 UST SITE, FTBL-069 - BLDG. 5, UST SITE)
RFA	(FTBL-050 - B-11636 BOP PONDS INVEST & REMED/SWMU 75)
RFI/CMS	(FTBL-018 - BIGGS INAC FIRE FIGHT TRAIN AREA/SWMU 32, FTBL-019 - PEST STG & MIX BLDGS 60-36,-276/SWMU50, FTBL-024 - OXIDATION LAGOON JTF6/SWMU 39, FTBL-029 - BIGGS AAF FORMER FIRE TRAIN AREA/SWMU 31, FTBL-031 - OIL PITS AT INACTIVE SANITARY LF2/SWMU 4, FTBL-034 - HERBICIDE STG BLDG 11160/SWMU 63, FTBL-050 - B-11636 BOP PONDS INVEST & REMED/SWMU 75)
INV	(FTBL-053 - BLDG. 9496 UST SITE, FTBL-056 - BLDG. 675 UST SITE, FTBL-058 - BLDG. 11041 UST SITE, FTBL-060 - BLDG. 5898 UST SITE, FTBL-061 - BLDG. 8172 UST SITE, FTBL-062 - BLDG. 56 UST SITE, FTBL-067 - BLDG. 11283 UST SITE, FTBL-069 - BLDG. 5, UST SITE)
1995	
DES	(FTBL-018 - BIGGS INAC FIRE FIGHT TRAIN AREA/SWMU 32, FTBL-019 - PEST STG & MIX BLDGS 60-36,-276/SWMU50, FTBL-024 - OXIDATION LAGOON JTF6/SWMU 39, FTBL-029 - BIGGS AAF FORMER FIRE TRAIN AREA/SWMU 31, FTBL-031 - OIL PITS AT INACTIVE SANITARY LF2/SWMU 4, FTBL-034 - HERBICIDE STG BLDG 11160/SWMU 63, FTBL-050 - B-11636 BOP PONDS INVEST & REMED/SWMU 75, FTBL-052 - BLDG.2469 UST SITE, FTBL-053 - BLDG. 9496 UST SITE)
IMP(C)	(FTBL-052 - BLDG.2469 UST SITE, FTBL-053 - BLDG. 9496 UST SITE)
CS	(FTBL-013 - RUBBLE PIT 13 MCGREGOR SWMU-18, FTBL-047 - ILLEGAL DUMP SITE (ORO GRANDE)/SWMU 72)
INV	(FTBL-052 - BLDG.2469 UST SITE, FTBL-054 - BLDG. 2491 UST SITE, FTBL-059 - BLDG. 11107 UST SITE, FTBL-063 - BLDG. 6957 UST SITE, FTBL-064 - BLDG. 2427 UST SITE, FTBL-065 - BLDG. 2990 UST SITE, FTBL-068 - BLDG. 3699 UST SITE)
ISC	(FTBL-052 - BLDG.2469 UST SITE, FTBL-054 - BLDG. 2491 UST SITE, FTBL-059 - BLDG. 11107 UST SITE, FTBL-063 - BLDG. 6957 UST SITE, FTBL-065 - BLDG. 2990 UST SITE)
RFA	(FTBL-047 - ILLEGAL DUMP SITE (ORO GRANDE)/SWMU 72, FTBL-051 - MEYER OXIDATION LAGOON (SWMU #76))
CAP	(FTBL-052 - BLDG.2469 UST SITE, FTBL-054 - BLDG. 2491 UST SITE)

IRP Schedule

1996

RFI/CMS	(FTBL-037 - MCGREG BORROW PIT DRUM BURIAL SITE/SWM66)
IMP(C)	(FTBL-041 - BLDG 11106 FORMER UST SITE (TX)/SWMU 70, FTBL-042 - BLDG 9522 UST SITE (NM)/SWMU 71, FTBL-055 - BLDG. 9485 UST SITE)
CMI(C)	(FTBL-018 - BIGGS INAC FIRE FIGHT TRAIN AREA/SWMU 32)
DES	(FTBL-037 - MCGREG BORROW PIT DRUM BURIAL SITE/SWM66, FTBL-038 - BLDG 1378 UST SITE (TX)/SWMU 67, FTBL-039 - BLDG 199 UST SITE (TX)/SWMU 68, FTBL-040 - BLDG 1742 UST SITE (TX)/SWMU 69, FTBL-041 - BLDG 11106 FORMER UST SITE (TX)/SWMU 70, FTBL-042 - BLDG 9522 UST SITE (NM)/SWMU 71, 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-060 - BLDG. 5898 UST SITE, FTBL-061 - BLDG. 8172 UST SITE, FTBL-062 - BLDG. 56 UST SITE, FTBL-065 - BLDG. 2990 UST SITE, FTBL-067 - BLDG. 11283 UST SITE, FTBL-069 - BLDG. 5, UST SITE)
IMP(O)	(FTBL-053 - BLDG. 9496 UST SITE, FTBL-055 - BLDG. 9485 UST SITE)
RFA	(FTBL-072 - CASTNER OBOD PIT B-1, FTBL-073 - CASTNER OBOD PIT A-1, FTBL-074 - NORTH HILLS RESERVOIR FUDS SITE, FTBL-075 - BLDG. 1177 PCB DUMP SITE, FTBL-70 - TRANSMOUNTAIN BURIED DRUM SITE, FTBL-76 - CASTNER RECREATION AREA DUMP SITE, FTBL-77 - SOUTH OIL PITS-SANITARY LANDFILL NO. 2, FTBL071 - MEDICAL/CALVARY DUMP)
CS	(FTBL-028 - RUBBLE DUMP SITE(NR SITE MONITOR)/SWMU16, FTBL-030 - FTBL030/FTBL004-R-01 , FTBL-036 - UNICOR DRY CLEANING FAC B-2019/SWMU 65, FTBL-037 - MCGREG BORROW PIT DRUM BURIAL SITE/SWM66, FTBL-049 - B-1116 SOIL REMED & DISPOSAL/SWMU 74, FTBL-075 - BLDG. 1177 PCB DUMP SITE, FTBL-70 - TRANSMOUNTAIN BURIED DRUM SITE, FTBL-77 - SOUTH OIL PITS-SANITARY LANDFILL NO. 2, FTBL071 - MEDICAL/CALVARY DUMP)
CAP	(FTBL-056 - BLDG. 675 UST SITE, FTBL-057 - BLDG. 4115 UST SITE, FTBL-058 - BLDG. 11041 UST SITE, FTBL-060 - BLDG. 5898 UST SITE, FTBL-061 - BLDG. 8172 UST SITE, FTBL-062 - BLDG. 56 UST SITE, FTBL-065 - BLDG. 2990 UST SITE, FTBL-067 - BLDG. 11283 UST SITE, FTBL-069 - BLDG. 5, UST SITE)

1997

RFA	(FTBL-078 - HEUCO RANGE CAMP, FTBL-079 - B2598 TRUCK WASH AREA, FTBL-080 - OLD MESA WELL FIELD)
CS	(FTBL-012 - RUBBLE PIT 12 DONA ANA SWMU-27, FTBL-014 - RUBBLE PIT 14 ORO GRANDE SWMU-25, FTBL-015 - EOD OPEN DEMO AREA SWMU-20, FTBL-021 - MCGREGOR OXIDATION LAGOON (SWMU #19), FTBL-023 - DONA ANA OXIDATION LAGOON (SWMU #27B), FTBL-051 - MEYER OXIDATION LAGOON (SWMU #76), FTBL-072 - CASTNER OBOD PIT B-1, FTBL-073 - CASTNER OBOD PIT A-1, FTBL-078 - HEUCO RANGE CAMP, FTBL-76 - CASTNER RECREATION AREA DUMP SITE)

1998

CS	(FTBL-016 - DONA ANA RANGE 41 (SWMU #26), FTBL-079 - B2598 TRUCK WASH AREA)
IMP(C)	(FTBL-054 - BLDG. 2491 UST SITE, FTBL-057 - BLDG. 4115 UST SITE, FTBL-065 - BLDG. 2990 UST SITE, FTBL-066 - BLDG. 11603 UST SITE, FTBL-069 - BLDG. 5, UST SITE)
CMI(O)	(FTBL-017 - RAYTHEON CHROMIC ACID PIT/SWMU 33)

1999

CS	(FTBL-080 - OLD MESA WELL FIELD)
DES	(FTBL-028 - RUBBLE DUMP SITE(NR SITE MONITOR)/SWMU16)
IMP(C)	(FTBL-038 - BLDG 1378 UST SITE (TX)/SWMU 67, FTBL-039 - BLDG 199 UST SITE (TX)/SWMU 68, FTBL-058 - BLDG. 11041 UST SITE, FTBL-060 - BLDG. 5898 UST SITE, FTBL-061 - BLDG. 8172 UST SITE, FTBL-067 - BLDG. 11283 UST SITE)
RFI/CMS	(FTBL-028 - RUBBLE DUMP SITE(NR SITE MONITOR)/SWMU16, FTBL-030 - FTBL030/FTBL004-R-01)

2000

CMI(C)	(FTBL-031 - OIL PITS AT INACTIVE SANITARY LF2/SWMU 4, FTBL-037 - MCGREG BORROW PIT DRUM BURIAL SITE/SWM66)
RFA	(FTBL-081 - ORGAN MOUNTAINS STATION)
ISC	(FTBL-082 - BUILDING 7146 USTS WBAMC)

IRP Schedule

IMP(C)	(FTBL-056 - BLDG. 675 UST SITE, FTBL-062 - BLDG. 56 UST SITE)
RFI/CMS	(FTBL-016 - DONA ANA RANGE 41 (SWMU #26), FTBL-022 - ORO GRANDE OXIDATION LAGOON/SWMU 25B, FTBL-023 - DONA ANA OXIDATION LAGOON (SWMU #27B), FTBL-032 - MCGREGOR FORMER FFTA, FTBL-036 - UNICOR DRY CLEANING FAC B-2019/SWMU 65, FTBL-045 - WASTE DRUM STG AREA (MCGREGOR) (SWMU #22, FTBL-049 - B-1116 SOIL REMED & DISPOSAL/SWMU 74, FTBL-051 - MEYER OXIDATION LAGOON (SWMU #76), FTBL-072 - CASTNER OBOD PIT B-1, FTBL-078 - HEUCO RANGE CAMP, FTBL-079 - B2598 TRUCK WASH AREA, FTBL-080 - OLD MESA WELL FIELD, FTBL-70 - TRANSMOUNTAIN BURIED DRUM SITE)
2001	
CS	(FTBL-011 - LANDFILL 11 DONA ANA SWMU-29, FTBL-081 - ORGAN MOUNTAINS STATION)
RFI/CMS	(FTBL-075 - BLDG. 1177 PCB DUMP SITE)
CMI(C)	(FTBL-019 - PEST STG & MIX BLDGS 60-36,-276/SWMU50, FTBL-024 - OXIDATION LAGOON JTF6/SWMU 39, FTBL-028 - RUBBLE DUMP SITE(NR SITE MONITOR)/SWMU16, FTBL-029 - BIGGS AAF FORMER FIRE TRAIN AREA/SWMU 31, FTBL-034 - HERBICIDE STG BLDG 11160/SWMU 63, FTBL-036 - UNICOR DRY CLEANING FAC B-2019/SWMU 65, FTBL-050 - B-11636 BOP PONDS INVEST & REMED/SWMU 75, FTBL-072 - CASTNER OBOD PIT B-1, FTBL-081 - ORGAN MOUNTAINS STATION, FTBL-70 - TRANSMOUNTAIN BURIED DRUM SITE)
ISC	(FTBL-083 - BIGGS AAF BLIMP BASE FUELING FACILITY, FTBL-084 - USAF FUEL LINE BULK FUEL FARM, BIGGS AAF)
DES	(FTBL-072 - CASTNER OBOD PIT B-1, FTBL-70 - TRANSMOUNTAIN BURIED DRUM SITE)
IMP(C)	(FTBL-040 - BLDG 1742 UST SITE (TX)/SWMU 69)
INV	(FTBL-082 - BUILDING 7146 USTS WBAMC)
2002	
INV	(FTBL-083 - BIGGS AAF BLIMP BASE FUELING FACILITY, FTBL-084 - USAF FUEL LINE BULK FUEL FARM, BIGGS AAF)
CAP	(FTBL-082 - BUILDING 7146 USTS WBAMC)
RFI/CMS	(FTBL-011 - LANDFILL 11 DONA ANA SWMU-29, FTBL-012 - RUBBLE PIT 12 DONA ANA SWMU-27, FTBL-013 - RUBBLE PIT 13 MCGREGOR SWMU-18)
2003	
DES	(FTBL-011 - LANDFILL 11 DONA ANA SWMU-29, FTBL-012 - RUBBLE PIT 12 DONA ANA SWMU-27)
CMI(C)	(FTBL-011 - LANDFILL 11 DONA ANA SWMU-29)
CAP	(FTBL-083 - BIGGS AAF BLIMP BASE FUELING FACILITY, FTBL-084 - USAF FUEL LINE BULK FUEL FARM, BIGGS AAF)
2004	
CMI(C)	(FTBL-012 - RUBBLE PIT 12 DONA ANA SWMU-27, FTBL-013 - RUBBLE PIT 13 MCGREGOR SWMU-18)
DES	(FTBL-013 - RUBBLE PIT 13 MCGREGOR SWMU-18)
2006	
RFI/CMS	(FTBL-021 - MCGREGOR OXIDATION LAGOON (SWMU #19))
2007	
LTM	(FTBL-050 - B-11636 BOP PONDS INVEST & REMED/SWMU 75)
2008	
RFI/CMS	(FTBL-073 - CASTNER OBOD PIT A-1)
LTM	(FTBL-073 - CASTNER OBOD PIT A-1)
2009	
RFI/CMS	(FTBL-015 - EOD OPEN DEMO AREA SWMU-20)
2010	
LTM	(FTBL-019 - PEST STG & MIX BLDGS 60-36,-276/SWMU50, FTBL-075 - BLDG. 1177 PCB DUMP SITE)

IRP Schedule

2011

LTM (FTBL-083 - BIGGS AAF BLIMP BASE FUELING FACILITY)

2012

LTM (FTBL-034 - HERBICIDE STG BLDG 11160/SWMU 63, FTBL-079 - B2598 TRUCK WASH AREA)

2013

LTM (FTBL-003 - CLOSED RUBBLE LANDFILL 3 (SWMU #6))

2014

RFI/CMS (FTBL-014 - RUBBLE PIT 14 ORO GRANDE SWMU-25)

Projected Phase Completion Milestones

See attached schedule

Projected Record of Decision (ROD)/Decision Document (DD) Approval Dates

Site ID	Site Name	ROD/DD Title	ROD/DD Date
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Final RA(C) Completion Date: 201906

Schedule for Next Five-Year Review: N/A

Estimated Completion Date of IRP at Installation (including LTM phase): 202409

FORT BLISS IRP Schedule

= phase underway

SITE ID	SITE NAME	PHASE	FY17	FY18	FY19	FY20	FY21	FY22+
FTBL-011	LANDFILL 11 DONA ANA SWMU-29	LTM						
SITE ID	SITE NAME	PHASE	FY17	FY18	FY19	FY20	FY21	FY22+
FTBL-012	RUBBLE PIT 12 DONA ANA SWMU-27	LTM						
SITE ID	SITE NAME	PHASE	FY17	FY18	FY19	FY20	FY21	FY22+
FTBL-013	RUBBLE PIT 13 MCGREGOR SWMU-18	LTM						
SITE ID	SITE NAME	PHASE	FY17	FY18	FY19	FY20	FY21	FY22+
FTBL-014	RUBBLE PIT 14 ORO GRANDE SWMU-25	DES						
		CMI(C)						
SITE ID	SITE NAME	PHASE	FY17	FY18	FY19	FY20	FY21	FY22+
FTBL-015	EOD OPEN DEMO AREA SWMU-20	LTM						

FORT BLISS
Army Defense Environmental Restoration Program
Military Munitions Response Program

MMRP Summary

Installation Total Army Environmental Database-Restoration (AEDB-R) Sites/Closeout Sites Count: 8/3

Installation Site Types with Future and/or Underway Phases

- 2 Firing Range
(FTBLS-002-R-01, FTBLS-004-R-01)
- 1 Open Burn
(FTBLS-006-R-02)
- 1 Open Burning/Open Detonation (OB/OD)
(FTBLS-006-R-01)
- 1 Training and Maneuver Area
(FTBLS-007-R-01)

Most Widespread Contaminants of Concern

Munitions and explosives of concern (MEC), Munitions constituents (MC)

Media of Concern

Soil

Completed Remedial Actions (Interim Remedial Actions/ Final Remedial Actions (IRA/FRA))

Site ID	Site Name	Action	Remedy	FY
N/A				

Duration of MMRP

Date of MMRP Inception 200203

Estimated Date for Remedy-In-Place (RIP)/Response Complete (RC): 202310/202310

Date of MMRP completion including Long Term Management (LTM): 205209

MMRP Contamination Assessment

Contamination Assessment Overview

A total of eight MMRP sites have been identified in Texas and New Mexico within the Fort Bliss boundary, including: Dona Ana McNew Surplus (FTBLS-001-R-01), Former Maneuver Area A (FTBLS-002-R-01), Winfree's Nose (FTBLS-003-R-01), Closed Castner Range (FTBLS-004-R-01), Fort Bliss Dona Ana Range (FTBLS-005-R-01), BAAF OB/OD Site I (FTBLS-006-R-01), BAAF OB Site II (FTBLS-006-R-02) and North Castner Range AOI (FTBLS-007-R-01).

MMRP sites FTBLS-001-R-01 and FTBLS-003-R-01 were Formerly Used Defense Site (FUDS) eligible and were addressed under that program. Site FTBLS-005-R-01 was determined to be within operational ranges boundary, therefore it is not addressed by the MMRP program.

Following a SI in 2010 for site FTBLS-002-R-01, a RI was completed 2013. The RI recommended a FS be completed for MEC and munitions debris (MD). A FS for site FTBLS-002-R-01 was completed October 2015 recommending a Public Awareness Program implementation for areas where no contamination was identified and surface and subsurface removal where MD were discovered. The FS is currently under TCEQ review.

Many isolated investigations have been conducted for site FTBL-004-R-01. Based on historical records reviewed during an SI in 2007, the Closed Castner Range site potentially contained several types of munition items. Reports from investigations and clearance activities on Closed Castner Range over the past 40 years have documented MEC discoveries. Based on the historical records review, previous investigations and the results of the SI, it was recommended that the Closed Castner Range site implemented immediate response, including further site characterization and fencing and signs installation. A PWS was drafted and a RI awarded 2013. The RI fieldwork began in March 2016.

Sites FTBLS-006-R-01 and FTBLS-006-R-02 were discovered 2013 after identifying detonated/burned munitions, and unknown buried waste in trenches and detonation pits, also MD and other debris. Based on past operations at these sites, the pits and trenches may contain MEC or MPPEH and MD. The sites are currently under an RI and an SI respectively after a contract was awarded FY2015. Fieldwork is expected to begin in FY17 for these sites.

USACE conducted a MEC reconnaissance survey at FTBLS-007-R-01 Evidence of past military training activity with some evidence of high explosives (HE) munitions were identified [i.e., 75mm HE round found in the North Castner Range area while collecting a background soil sample during the 2012 Closed Castner Range Wide Area Assessment (WAA) project]. An RI was recommended after the survey results.

Cleanup Exit Strategy

An FS for site FTBLS-002-R-01 was completed in October 2015 and is currently under TCEQ review. The FS proposed and analyzed site remediation alternatives in order to reach NFA status for this site:

RI fieldwork began in March 2016 for site FTBLS-004-R-01 and is expected to be complete in FY17. Subsequent remediation actions will be considered in accordance with the conclusions obtained from the RI.

The RI and SI, awarded for sites FTBLS-006-R-01 and FTBLS-006-R-02 respectively, are expected to be completed in FY17. Optional tasks for the execution of further remediation phases [i.e., FS, PP and DD] were also included in the PMP and may be awarded in subsequent years.

A scope of work is currently being drafted by USACE for site FTBLS-007-R-01, and a contract for RI is expected to be awarded FY17.

MMRP Previous Studies

Year	Title	Author	Date
2002	Closed, Transferring and Transferred Range/Site Inventory Report, Dona Ana Range Camp, NM, New Mexico National Guard Range	Tech Law Inc., USACE Omaha	NOV-2002
2003	Closed, Transferring, and Transferred Range/Site Inventory Report, Fort Bliss, Texas	Engineering-Environmental Management, Inc., USACE Omaha	JAN-2003
2004	Final report Ordnance and Explosives (OE) Removal Action at Castner Range, Fort Bliss, Texas, FTBLS-004-R-01 (FTBL-030)	USA Environmental, Inc., USACE Huntsville	MAY-2004
2007	Final Site Inspection Report Fort Bliss, Texas	Engineering-Environmental Management, Inc.	JAN-2007
2009	Wide Area Assessment Cost-Benefit Analysis: Active Army Military Munitions Response Program	URS Group, Inc.	MAY-2009
	Historical Record Review (Former Maneuver Area A)	TLI Solutions, Prepared for Fort Bliss	OCT-2009
	Final Historical Records Review, Fort Bliss, El Paso, Texas	Prepared by TLI Solutions for the Corps of Engineers, Sacramento District	OCT-2009
2010	Site Inspection Plan	TLI Solutions, Prepared for Fort Bliss	MAY-2010
	Final Site Inspection Work Plan - Former Maneuver Area Munitions Response, Fort Bliss, El Paso, Texas	Prepared by TLI Solutions, for the US Army Corps of Engineers Sacramento District	MAY-2010
	Ground-Based Geophysics and Associated Activities, Closed Castner Firing Range, Fort Bliss, Texas	Prepared By Sky Research, Inc., For URS Group, Inc.	SEP-2010
	Geophysical Investigation Report, Wide Area Assessment Demonstration Closed Castner Range Munitions Response Site, Fort Bliss, El Paso County, Texas	Prepared by NAEVA Geophysics Inc, For URS Group, Inc.	NOV-2010
2011	Multi-Incremental Sampling Field Demonstration of the Closed Castner Range	URS, Prepared For US Army Corps of Engineers, Louisville District	JAN-2011
	Draft Multi-Incremental Sampling Field Demonstration Accident Prevention Plan For the Closed Castner Range, Fort Bliss, Texas	Prepared by URS Group, Inc., for US Army Corps of Engineers, Louisville District and US Army Environmental Command	JAN-2011
	Draft Multi-Incremental Sampling Field Demonstration Quality Assurance Project Plan For The Closed Castner Range, Fort Bliss, Texas	Prepared by URS Group, Inc., For the US Army Corps Of Engineers, Louisville District and US Army Environmental Command	JAN-2011
	Final Site Inspection - Former Maneuver Area Munitions Response, Fort Bliss, El Paso, Texas	Prepared by TLI Solutions, for US Army Corps of Engineers, Sacramento	MAR-2011

MMRP Previous Studies

Year	Title	Author	Date
2011		District	
	Site Inspection (Former Maneuver Area A)	TLI Solutions, Prepared for Fort Bliss	MAR-2011
2012	Wide Area Assessment (WAA) of the Closed Castner Range	URS, Prepared For US Army Corps of Engineers, Louisville District	JUL-2012
2013	Active Army Military Munitions Response Program Field Demonstration Report Incremental Sampling Methodology at the Closed Castner Range Firing Range Fort Bliss, Texas	URS Group, Inc Prepared for U.S. Army Corps of Engineers, Louisville District, U.S Army Environmental Command	JUN-2013
	Draft Community Relations Plan Military Munitions Response Program Remedial Investigation Closed Castner Firing Range	Prepared By: PIKA/Arcadis JV, LLC	DEC-2013
	Draft Final Remedial Investigation, Former Maneuver Area A, Fort Bliss, Texas	URS Group, Prepared for U.S. Army Corps of Engineers, Tulsa District	DEC-2013
2014	Final Investigation Report Former Maneuver Area A	Prepared By URS	NOV-2014
	Draft Feasibility Study Former Maneuver Area A	Prepared by: URS	NOV-2014
	Draft Final Quality Assurance Project Plan Military Munitions Response Program Remedial Investigation Closed Castner Firing Range	Prepared By: PIKA/Arcadis JV, LLC	NOV-2014
2015	Feasibility Study Draft Final Former Maneuver Area A	URS	OCT-2015

FORT BLISS
Military Munitions Response Program
Site Descriptions

Site ID: FTBLS-002-R-01
Site Name: Former Maneuver Area 1 & 2

STATUS

Regulatory Driver: CERCLA
MRSPP Score: Evaluation pending
Contaminants of Concern: Munitions and explosives of concern (MEC), Munitions constituents (MC)
Media of Concern: Soil

Phases	Start	End
PA.....	200203.....	200305
SI.....	200804.....	201103
RI/FS.....	201107.....	201808
RD.....	201808.....	201907
RA(C).....	201908.....	202007
LTM.....	202007.....	204906
RIP Date:	N/A	
RC Date:	202007	

SITE DESCRIPTION

Former Maneuver Area A encompasses 24,477 acres divided into numerous parcels. The majority of the area is undeveloped, with portions of residential homes, commercial business, ranching and light industry.

The Former Maneuver Area A MRS was part of an expansion area acquired in phases by Fort Bliss beginning 1939. The expansion area acquisitions were referred to as Maneuver Area No. 1 and Maneuver Area No. 2. By 1980, Fort Bliss had relinquished control of a large part of these two areas. Those parts of Maneuver Areas No. 1 and No. 2 that are no longer controlled by Fort Bliss and are outside the Fort Bliss installation boundaries have been recently referred to as the Former Maneuver Area Munitions Response Area (MRA). The Former Maneuver Area MRA was reported to encompass 73,528.6 acres, but the boundaries of the Former Maneuver Area MRA were evaluated during a 2009 Historic Records Review (HRR) resulting in modified boundaries and a corrected acreage of 72,520.

Prior reports indicate the Former Maneuver Area MRA was used for military training from 1939 into the 1970s. The entire acreage was relinquished by the Army in 1980. A subsequent SI resulted in the area being divided into Former Maneuver Area A and Former Maneuver Area B. Former Maneuver Areas A and B are considered to be discrete locations within the Former Maneuver Area MRA and are, therefore, referred to as munitions response sites (MRS). Former Maneuver Area A was targeted for further investigation of MEC. Former Maneuver Area B was recommended for NFA.

A SI for the Former Maneuver Area A (FTBLS-002-R-01) was conducted 2010. Based on the HRR, previous investigations and the results of the SI, it was recommended that the Former Maneuver Area A site becomes a MRA with two MRSs: Former Maneuver Area A (FTBLS-002-R-01) and Uncontaminated Former Maneuver Area A (FTBLS-002-R-01A).

Note: An MRA is comprised by any area on a defense site that is known or suspected to contain unexploded ordnance (UXO), discarded military munitions or MC. A MRS constitutes a discrete location within an MRA that is known to require a munitions response.

Following the Former Maneuver Area SI, an RI was completed 2013. The RI recommended an FS be completed for MEC and MD at the aforementioned MRSs.

According to the October 2015 final draft FS, five RAs alternatives to achieve RA for the Former Maneuver Area A (FTBLS-002-R-01) MRS and Uncontaminated Former Maneuver A (FTBLS-002-R-01A) MRS consisted of the following:

- Alternative 1 - No Action
- Alternative 2 - Public Awareness Program
- Alternative 3 - Land Use Controls
- Alternative 4 - MEC Surface Clearance
- Alternative 5 - MEC Surface Clearance and MEC Subsurface Removal

Site ID: FTBLS-002-R-01

Site Name: Former Maneuver Area 1 & 2

During the development of the FS, the Former Maneuver Area MRA was subdivided into four new MRSs, each of them distinguished by a new MRS identification number. The new MRSs subdivision did not impact the conclusions of the RI.

As described in the FS, the MRS previously identified as the Uncontaminated Former Maneuver Area A (FTBLS-002-R-01A) was re-designated as Former Maneuver Area A (FTBLS-002-R-01), encompassing 23,356.99 acres. The MRS previously identified as Former Maneuver Area A (FTBLS-002-R-01), encompassing 1,120 acres of non-contiguous parcels, was divided into three MRSs: FTBLS-002-R-03 of 520 acres, FTBLS-002-R-04 of 397 acres and FTBLS-002-R-05 of 203 acres.

The FS recommended Alternative 2 for MRS FTBLS-002-R-01, while Alternative 5 was recommended for MRS FTBLS-R-03, FTBLS-002-R-04 and FTBLS-002-R-05 since MEC is potentially present. Alternative 5 would potentially allow the US Army to pursue NFA status for the MRSs.

The MRA designation FTBLS-002-R-01 encompasses all MRS subdivisions. The 2015 FS draft final continues under review by TCEQ.

CLEANUP/EXIT STRATEGY

According to the October 2015 final draft FS, five RAs alternatives to achieve the RA for the Former Maneuver Area A (FTBLS-002-R-01) MRS and Uncontaminated Former Maneuver A (FTBLS-002-R-01A) MRS consisted of the following:

- Alternative 1 - No Action
- Alternative 2 - Public Awareness Program (LTM)
- Alternative 3 - Land Use Controls (LTM)
- Alternative 4 - MEC Surface Clearance
- Alternative 5 - MEC Surface Clearance and MEC Subsurface Removal

The FS recommended Alternative 2 and Alternative 5 for areas with no evidence of contamination and areas with potential MEC and MC present, respectively. Alternative 5 would potentially allow the US Army to pursue NFA status for the MRSs.

The FS is currently under TCEQ review.

Site ID: FTBLS-004-R-01

Site Name: Closed Castner Firing Range

STATUS

Regulatory Driver: CERCLA
MRSPP Score: 03
 Contaminants of Concern: Munitions and explosives of concern (MEC), Munitions constituents (MC)
 Media of Concern: Soil

Phases	Start	End
PA.....	200203.....	200305
SI.....	200509.....	200701
RI/FS.....	201308.....	201709
RD.....	201710.....	201809
RA(C).....	201810.....	202310
LTM.....	202310.....	205209
RIP Date: N/A		
RC Date: 202310		

SITE DESCRIPTION

The Closed Castner Range is located in El Paso, Texas, between US Highway 54 and the Franklin Mountains State Park, approximately 15 miles south of the New Mexico border. It lies in the foothills of the Franklin Mountains.

The acquisition of Castner Range began in 1926, initially encompassing approximately 3,500 acres. Additional land was acquired by 1939, bringing the range to approximately 8,325 acres. Castner Range was heavily used as a small arms, range and artillery firing and impact area from 1926 to 1966. In 1972, the Department of the Army declared Castner Range surplus to its needs and began to transfer parcels to non-DoD entities.

Many isolated clearance operations have been conducted on Castner Range. Approximately 1,244 acres east of US Highway 54 were cleared of UXO and transferred; however, the remaining 7,081 acres of the Closed Castner Range Munitions Response Site (MRS) have not been transferred and continue under the Army's control (Letter from the Department of Army, Office of the Chief of Engineers, Washington, D.C., dated Oct. 19, 1983).

Based on historical records reviewed during an SI in 2007, the Closed Castner Range site potentially contained munition items such as flares, signaling items, training items, training simulator devices, screening smoke, grenades, projectiles, mortars, rockets and small arms. Reports from investigations and clearance activities on Closed Castner Range over the past 40 years have documented actual discoveries of grenades, projectiles, mortars, rockets and small arms items as well as soil contamination. MEC found were either removed, blown-in-place or, in some cases, left on the range.

Based on the HRR, previous investigations and the results of the SI, it was recommended that the Closed Castner Range site implemented immediate response, including further site characterization and fencing and signs installation.

The Closed Castner Range site was selected for a WAA in 2009 in order to demonstrate the costs and benefits of applying various investigation methods and technologies at Active Army MMRP sites. The WAA, conducted between 2011 and 2012, identified areas of concentrated munition use and provided better understanding of relative densities of munition and MEC across the MRS. The project did not complete the investigation at Closed Castner Range MRS, but the data reported was of significant benefit to a subsequent RI.

CLEANUP/EXIT STRATEGY

A final RI report is expected to be completed by Summer 2017. Based on the RI's conclusions, award of an FS is expected in FY17, with a PP and DD in FY18.

Site ID: FTBLS-006-R-01
Site Name: Biggs OB/OD Site I

STATUS

Regulatory Driver: CERCLA
MRSPP Score: Evaluation pending
Contaminants of Concern: Munitions and explosives of concern (MEC), Munitions constituents (MC)
Media of Concern: Soil

Phases	Start	End
PA.....	201304.....	201304
RI/FS.....	201507.....	202006
RIP Date:	N/A	
RC Date:	202006	

SITE DESCRIPTION

The FTBLS-006-R-01 Biggs Army Airfield (BAAF) OB/OD Site I was discovered in April 2013, west of the main BAAF runway. The site extends over an area of approximately 40 acres.

A visual survey conducted 2013 recorded mounds containing several types of detonated/burned munitions, as well as unknown buried waste in trenches and detonation pits. Large amounts of MD and other debris are scattered across the surface of the site. Pits/trenches may contain MEC or MPPEH, MD and other debris.

Historical use of this site began with Army operations during WWII. It was transferred to the Air Force September 1947, and use increased after it was transferred to the US Air Force Strategic Air Command (SAC) in 1948 and served as part of the US nuclear deterrent force until 1966.

A PWS was completed for the BAAF OB/OD Site I. As a result, a contract for a site RI was awarded in July 2015. The CERCLA RI fieldwork is expected to begin in FY17.

CLEANUP/EXIT STRATEGY

RI fieldwork is expected to be completed in FY17. Based on the RI conclusions, subsequent remediation phases, including an FS and PP/DD, are expected to be awarded in FY18 and FY19, respectively, and be completed one year from award.

Site ID: FTBLS-006-R-02
Site Name: Biggs OB Site II

STATUS

Regulatory Driver: CERCLA

MRSPP Score: Evaluation pending

Contaminants of Concern: Munitions and explosives of concern (MEC), Munitions constituents (MC)

Media of Concern: Soil

Phases	Start	End
PA.....	201304.....	201308
SI.....	201507.....	201612
RI/FS.....	201701.....	202006

RIP Date: N/A

RC Date: 202006

SITE DESCRIPTION

The FTBLS-006-R-02 Biggs Army Airfield Open Burn (OB) Site II was discovered April 15, 2013, north of the main BAAF runway, encompassing approximately 14 acres. It is believed that the site was part of the USSAC before it was transferred to the Army in July 1966.

A PWS was completed 2013 for this site. The PA identified unknown burned debris potentially containing munitions and trenches with unknown buried waste. There has been no cleanup to date.

A PWS was completed for the BAAF OB Site II. An SI was awarded July 1, 2015. The SI will be completed in accordance with the USEPA Guidance for Conducting Remedial Investigations and Feasibility Studies under CERCLA regulations. The SI fieldwork is expected to begin in FY17.

CLEANUP/EXIT STRATEGY

SI fieldwork is expected to be completed in FY17. Subsequent remediation phases, including an RI, FS and PP/DD, are expected to be awarded in FY17, FY19 and FY20 respectively.

Site ID: FTBLS-007-R-01
Site Name: North Castner Area of Interest(AOI)

STATUS

Regulatory Driver: CERCLA
MRSPP Score: Evaluation pending

Phases	Start	End
PA.....	201306.....	201406
RI/FS.....	201511.....	202106
RIP Date:	N/A	
RC Date:	202106	

SITE DESCRIPTION

The North Castner Range AOI (FTBLS-007-R-01) is a new MRA/MRS of approximately 4,909 acres adjacent to the northern boundary line of the Closed Castner Range site (FTBLS-004-R-01). The site is also bounded by vacant land on the north, the City of El Paso North Hills housing complex and Martin Luther King Jr. Blvd. on the east and the Franklin Mountain State Park on the west.

The North Castner Range AOI was not part of the Closed Castner Range or any real property owned, leased or otherwise possessed by the United States under the jurisdiction of the Secretary of Defense. Therefore, the site was ineligible for the FUDS Program. However, in accordance with the DoD Manual 4715.20, Defense Environmental Restoration Program (DERP) Management, March 9, 2012, any facility with these characteristics is DERP eligible if present contamination is attributable to the DoD (i.e., military munitions).

As a result, USACE Huntsville District conducted a MEC reconnaissance survey on 4,909 acres of the former North Castner Range. The range exhibited evidence of past military training activity with some evidence of HE munitions [i.e., 75mm HE round found in the North Castner Range area while collecting a background soil sample during the 2012 Closed Castner Range WAA project].

Based on the survey results, an RI, under CERCLA, was recommended for an area of 1,504 acres. The remaining acreage did not demonstrate evidence of explosive hazards. The RI is intended to be awarded in FY17.

CLEANUP/EXIT STRATEGY

A scope of work is currently being drafted by USACE for site FTBLS-007-R-01 and a contract for an RI is expected to be awarded in FY17.

Site Closeout (No Further Action) Summary

Site ID	Site Name	NFA Date	Documentation
FTBLS-001-R-01	DONA ANA RANGE - MCNEW SURPLUS	200705	This site was determined to be FUDS eligible as of 18 APR 07.
FTBLS-003-R-01	WINFREE'S NOSE	200407	This site has been made RC as it has been found to be in the FUDS program and not eligible for the active installation MRP. Declared FUD site in 2004.
FTBLS-005-R-01	FORT BLISS DONA ANA RANGE	200603	This range has been determined to be on operational range property and therefore, was made RC in FY06.

MMRP Schedule

Date of MMRP Inception 200203

Past Phase Completion Milestones

2003

PA (FTBLS-001-R-01 - DONA ANA RANGE - MCNEW SURPLUS, FTBLS-002-R-01 - Former Maneuver Area 1 & 2, FTBLS-003-R-01 - WINFREE'S NOSE, FTBLS-004-R-01 - Closed Castner Firing Range, FTBLS-005-R-01 - FORT BLISS DONA ANA RANGE)

2007

SI (FTBLS-001-R-01 - DONA ANA RANGE - MCNEW SURPLUS, FTBLS-004-R-01 - Closed Castner Firing Range)

2011

SI (FTBLS-002-R-01 - Former Maneuver Area 1 & 2)

2013

PA (FTBLS-006-R-01 - Biggs OB/OD Site I, FTBLS-006-R-02 - Biggs OB Site II)

2014

PA (FTBLS-007-R-01 - North Castner Area of Interest(AOI))

Projected Phase Completion Milestones

See attached schedule

Projected Record of Decision (ROD)/Decision Document (DD) Approval Dates


Site ID	Site Name	ROD/DD Title	ROD/DD Date
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Final RA(C) Completion Date: 202310

Schedule for Next Five-Year Review: N/A

Estimated Completion Date of MMRP at Installation (including LTM phase): 205209

FORT BLISS MMRP Schedule

 = phase underway

SITE ID	SITE NAME	PHASE	FY17	FY18	FY19	FY20	FY21	FY22+
FTBLS-002-R-01	Former Maneuver Area 1 & 2	RI/FS						
		RD						
		RA(C)						
		LTM						
SITE ID	SITE NAME	PHASE	FY17	FY18	FY19	FY20	FY21	FY22+
FTBLS-004-R-01	Closed Castner Firing Range	RI/FS						
		RD						
		RA(C)						
		LTM						
SITE ID	SITE NAME	PHASE	FY17	FY18	FY19	FY20	FY21	FY22+
FTBLS-006-R-01	Biggs OB/OD Site I	RI/FS						
SITE ID	SITE NAME	PHASE	FY17	FY18	FY19	FY20	FY21	FY22+
FTBLS-006-R-02	Biggs OB Site II	SI						
		RI/FS						
SITE ID	SITE NAME	PHASE	FY17	FY18	FY19	FY20	FY21	FY22+
FTBLS-007-R-01	North Castner Area of Interest(AOI)	RI/FS						

FORT BLISS
Army Defense Environmental Restoration Program
Compliance Restoration

CR Summary

Installation Total Army Environmental Database-Restoration (AEDB-R) Sites/Closeout Sites Count: 1/0

Installation Site Types with Future and/or Underway Phases

1 Surface Disposal Area
(CCFTBL-001)

Most Widespread Contaminants of Concern

Metals, Pesticides

Media of Concern

Soil

Completed Remedial Actions (Interim Remedial Actions/ Final Remedial Actions (IRA/FRA))

Site ID	Site Name	Action	Remedy	FY
N/A				

Duration of CR

Date of CR Inception: 201403

Estimated Date for Remedy-In-Place (RIP)/Response Complete (RC): 202006/202006

Date of CR completion including Long Term Management (LTM): 202006

CR Contamination Assessment

Contamination Assessment Overview

One Compliance Restoration (CR) site was identified at Fort Bliss. Site CCFTBL-001 contained piles of debris comprising medical waste, batteries, electronic components, tires, burned materials, asbestos-containing materials (ACM) and POLs. The illegal waste dumping may have occurred prior to the year 2000 based on aerial images.

At the time of the site discovery, there were health and ecological hazard concerns due to the presence of medical bottles labeled as "nuclear". However, radiation levels at the dumpsite did not exceed background levels.

Surface sampling events were conducted for contaminants of concern resulting in high concentrations of pesticides, VOCs and metals.

Cleanup Exit Strategy

A PWS was completed for the Fort Bliss Far East Illegal Dumpsite. As a result, a site RI was awarded in July 2015. RI fieldwork is expected to begin in FY17. After completion of the RI, subsequent remediation phases, including an FS and PP/DD, are expected to be awarded in FY18 through FY19.

CR Previous Studies

Title

Author

Date

There are no Previous Studies

FORT BLISS
Compliance Restoration
Site Descriptions

Site ID: CCFTBL-001
Site Name: Far East Illegal Dump Site

STATUS

Regulatory Driver: CERCLA
Contaminants of Concern: Metals, Pesticides
Media of Concern: Soil

Phases	Start	End
PA.....	201403.....	201408
RI/FS.....	201507.....	202006
RIP Date:	N/A	
RC Date:	202006	

SITE DESCRIPTION

The CCFTBL-001 site was discovered in the summer of 2004, approximately 15 miles northeast of the main cantonment. Several piles of weathered debris found at the site contained medical waste (containers, glass syringes and exposed needles). Lead acid batteries, electronic components, tires, burned materials, ACM and POL were also discovered. The site area, which comprises approximately 2.24 acres, was fenced May 2014.

The waste illegal dumping may have occurred prior to the year 2000 based on aerial image reviews, but the source of the waste is unknown. Dating on some of the bottles indicated the 1970s. The debris appeared dumped on the ground surface rather than in burial pits or trenches; however, the waste piles have been partially covered over time with wind-blown deposits and scattered desert scrub.

At the time of the site discovery, there were health and ecological hazard concerns due to the presence of medical bottles labeled as "nuclear". Some of the bottles were labeled "Mallinckrodt Nuclear Sterile Pyrogen Free". However, radiation levels taken at the dumpsite did not exceed background levels in accordance with the Fort Bliss Industrial Hygiene regulations. In addition, the product Safety Data Sheet indicated no radiation hazards. [Directorate of Environment Memorandum, Industrial Hygiene Records, July 28, 2006).

On Oct. 25, 2006, a limited surface sampling event was conducted for metals, VOCs and ACM. A second sampling event was conducted March 27, 2014, which indicated levels of pesticides, VOCs and metals above the Texas protective concentration levels. Lead was also detected at a concentration exceeding USEPA industrial SSLs.

A PWS was completed for the Fort Bliss Far East Illegal Dumpsite. As a result, a site RI was awarded in July 2015. The RI will be completed in accordance with the USEPA Guidance for Conducting Remedial Investigations and Feasibility Studies under the CERCLA regulations. RI fieldwork is expected to begin in FY17.

CLEANUP/EXIT STRATEGY

The RI awarded for site CCFTBL-001 is expected to be completed in FY17. Optional tasks for the execution of further remediation phases, an FS and, a PP and DD, were also included in the PMP and will be awarded in FY18 and FY19, respectively.

Site Closeout (No Further Action) Summary

Site ID	Site Name	NFA Date	Documentation
There are no NFA sites			

CR Schedule

Date of CR Inception: 201403

Past Phase Completion Milestones

2014

PA (CCFTBL-001 - Far East Illegal Dump Site)

Projected Phase Completion Milestones

See attached schedule

Projected Record of Decision (ROD)/Decision Document (DD) Approval Dates

To Be Determined

Final RA(C) Completion Date:

Schedule for Next Five-Year Review: N/A

Estimated Completion Date of CR at Installation (including LTM phase): 202006

FORT BLISS CR Schedule

 = phase underway

SITE ID	SITE NAME	PHASE	FY17	FY18	FY19	FY20	FY21	FY22+
CCFTBL-001	Far East Illegal Dump Site	RI/FS						

Community Involvement

Technical Review Committee (TRC): None

Community Involvement Plan (Date Published): 201312

Restoration Advisory Board (RAB): RAB established 199707

RAB Adjournment Date: N/A

RAB Adjournment Reason: None

Additional Community Involvement Information

To comply with DoD, Department of the Army (DA), and US Army Training and Doctrine Command (TRADOC) requests, RAB information meetings were held on Dec. 4, 1996 and Dec. 5, 1996 at Fort Bliss and Las Cruces, New Mexico, respectively. Meeting notices were mailed to 175 individuals and placed in the El Paso, Las Cruces, and Alamogordo newspapers. In addition, the Public Affairs Office (PAO) submitted press releases to all local television and radio stations and to local newspapers, including El Paso's Spanish language newspaper.

The Fort Bliss RAB was established on Oct. 6, 1997. The RAB meetings consistently achieve a quorum with total meeting attendance (RAB, Bliss, and public) averaging about 20 attendees. The RAB has achieved full membership and true representation of the ethnic and geographic diversity of this area.

In general, attendance by the RAB members has been low. The general El Paso public has gained greater confidence in the ability of the RAB to express the desires of the local community with the start of the UXO removal project. The Fort Bliss MMRP project of UXO removal at Castner Range has given the RAB greater status in the community as it is viewed as RAB generated.

The relationship between the military and the surrounding civilian communities, as expressed at the RAB meetings, is one of strong mutual trust.

The RAB is held approximately once a year or as needed.

The latest RAB meeting was held on March 19, 2014, at the Northeast Regional Command Center, 9600 Dyer Street, El Paso, TX. The meeting was presided over by the Installation Co-Chair, he explained that the civilian Co-Chair would not be able to attend the meeting. There were approximately 50 attendees at the meeting.

Administrative Record is located at

The new location for the Administrative Record will be at:
Directorate of Public Works-Environmental Division
Bldg 622, S. Taylor at Pleasonton
Fort Bliss, Texas 79916

Information Repository is located at

The off-site repository for the DERA Library will be the Main El Paso Library, which is located 501 N. Oregon, El Paso Texas 79901.

Current Technical Assistance for Public Participation (TAPP):N/A

TAPP Title: N/A

Potential TAPP: N/A

