

FY2015

FORT BLISS

Army Defense Environmental Restoration Program

Installation Action Plan

Printed 14 September 2015

Table of Contents

Statement Of Purpose.....	1
Acronyms.....	2
Acronym Translation Table.....	5
Installation Information.....	6
5-Year / Periodic Review Summary.....	8
Land Use Control (LUC) Summary.....	9
Cleanup Program Summary.....	12
Installation Restoration Program.....	14
IRP Summary.....	15
IRP Contamination Assessment.....	17
IRP Previous Studies.....	18
Installation Restoration Program Site Descriptions.....	26
FTBL-011 LANDFILL 11 DONA ANA SWMU-29.....	27
FTBL-012 RUBBLE PIT 12 DONA ANA SWMU-27.....	28
FTBL-013 RUBBLE PIT 13 MCGREGOR SWMU-18.....	30
FTBL-014 RUBBLE PIT 14 ORO GRANDE SWMU-25.....	31
FTBL-015 EOD OPEN DEMO AREA SWMU-20.....	33
Installation Restoration Program Site Closeout (No Further Action) Sites Summary.....	35
IRP Schedule.....	39
Installation Restoration Program Milestones.....	39
IRP Schedule Chart.....	44
Military Munitions Response Program.....	45
MMRP Summary.....	46
MMRP Contamination Assessment.....	47
MMRP Previous Studies.....	48
Military Munitions Response Program Site Descriptions.....	50
FTBLS-002-R-01 Former Maneuver Area 1 & 2.....	51
FTBLS-004-R-01 Closed Castner Firing Range.....	52
FTBLS-006-R-01 Biggs OB/OD Site I.....	54

Table of Contents

FTBLS-006-R-02 Biggs OB Site II.....	55
Military Munitions Response Program Site Closeout (No Further Action) Sites Summary.....	56
Military Munitions Response Program Schedule.....	57
Military Munitions Response Program Milestones.....	57
MMRP Schedule Chart.....	58
Compliance Restoration.....	59
CR Summary.....	60
CR Contamination Assessment.....	61
CR Previous Studies.....	62
Compliance Restoration Site Descriptions.....	63
CCFTBL-001 Far East Illegal Dump Site.....	64
Compliance Restoration Site Closeout (No Further Action) Sites Summary.....	65
CR Schedule.....	66
Compliance Restoration Milestones.....	66
CR Schedule Chart.....	67

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
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
CS	Confirmation Sampling
CY	Calendar Year
DA	Department of the Army
DD	Decision Document
DERA	Defense Environmental Restoration Account
DERP	Defense Environmental Restoration Program
DES	Design
DoD	Department of Defense
DSERTS	Defense Environmental Restoration Tracking System
ER,A	Environmental Restoration, Army
ESP	Explosive Site Plan
FORSCOM	US Army Forces Command
FRA	Final Remedial Action
FS	Feasibility Study
FTBL	AEDB-R designation for Fort Bliss
FUDS	Formerly Used Defense Site
FY	Fiscal Year
GSA	General Service Administration
HBCT	Heavy Brigade Combat Team
HMX	Cyclotetramethylenetetranitramine
HSWA	Hazardous and Solid Waste Amendment
HW	Hazardous Waste
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
IR	Installation Restoration
IRA	Interim Remedial Action
IRP	Installation Restoration Program
ISC	Initial Site Characterization

Acronyms

K	thousand
kg	kilogram
LNAPL	Light Non-Aqueous Phase Liquid
LPST	Leak Petroleum Storage Tank
LTM	Long-Term Management
LUC	Land Use Control
MC	Munitions Constituents
MEC	Munitions and Explosives of Concern
mg	milligram
MIS	Multi-Increment Sampling
MMRP	Military Munitions Response Program
MNA	Monitored Natural Attenuation
MPPEH	Material Presenting Potential Explosive Hazard
N/A	Not Applicable
NASA	National Aeronautics and Space Administration
NFA	No Further Action
NMED	New Mexico Environmental Department
NPL	National Priorities List
NRSI	Notice of Remedial System Installation
OB	Open Burning
OB/OD	Open Burning/Open Detonation
OD	Open Detonation
OE	Ordnance and Explosives
PA	Preliminary Assessment
PAO	Public Affairs Office
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
QAPP	Quality Assurance Project Plan
RA	Remedial Action
RA(C)	Remedial Action (Construction)
RAB	Restoration Advisory Board
RC	Response Complete
RCRA	Resource Conservation and Recovery Act
RD	Remedial Design
RDX	Cyclotrimethylenetrinitramine
RFA	RCRA Facility Assessment
RFI	RCRA Facility Investigation
RI	Remedial Investigation
RIP	Remedy-in-Place
ROD	Record of Decision

Acronyms

SAC	Strategic Air Command
SI	Site Inspection
SLERA	Screening-Level Ecological Risk Assessment
SSL	Soil Screening Level
SWMU	Solid Waste Management Unit
TAPP	Technical Assistance for Public Participation
TBD	To Be Determined
TCEQ	Texas Commission on Environmental Quality
TNRCC	Texas Natural Resource Conservation Commission
TPH	Total Petroleum Hydrocarbons
TPP	Technical Project Planning
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
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, Munitions and explosives of concern (MEC), 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: Groundwater, 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
Underway	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. All contaminants levels presumed to have decreased by MNA.

Actions Yearly site visits.

Plans Next Five-Year review FY 2009.

Recommendations and Implementation Plans:

The next five-year review is planned for FY15.

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 Poncho 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 a RCRA facility investigation (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.

Installation Program Cleanup Progress

IRP

Prior Year Progress: Landfills 11, 12, 13, and OB/OD FTBL-015 are in LTM for post-closure care. Yearly inspection of the landfills will continue and biennial inspection of the OB/OD FTBL-015 will continue.

Fort Bliss formally requested a 180-day extension from the deadline date of Oct. 10, 2014 to April 8, 2015 in order to obtain funding for the project, and preparation of the work plan for the Oro Grande Landfill FTBL-014.

Future Plan of Action: Landfills 11, 12, 13, and OB/OD FTBL-015 are in LTM for post-closure care. Yearly inspection of the landfills will continue and biennial inspection of the OB/OD FTBL-015 will continue.

FTBL-014 will be contracted to undergo a removal action and a work plan for removal will be completed by FY17.

MMRP

Prior Year Progress: Identified two new MMRP sites, at BAAF they are designated as OB/OD FTBLS-006-R-01 and BAAF OB FTBLS-006-R-02. Both sites are funded for RI. RI is still on going at FTBLS-004-R-01. On FTBLS-002-R-01 RI was completed.

Future Plan of Action: An RI/FS will be conducted at the BAAF OB/OD FTBLS-006-R-01 and a SI will be conducted at the BAAF OB FTBLS-006-R-02 in FY17.

The implementation of a LUC will be conducted at FTBLS-004-R-01 at a future time. IR is presently being conducted on FTBLS-004-R-01.

Cleanup Program Summary

CR

Prior Year Progress: An RI is scheduled to begin in fall 2015.

Future Plan of Action: Future costs will be based on a contract for a FS, PP and DD.

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, Munitions and explosives of concern (MEC), 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): 201702/201702

Date of IRP completion including Long Term Management (LTM): 204509

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 RAB.

Early in the program, 28 SWMUs were identified during a RCRA facility assessment (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 (INVs) 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 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 have received closure to unlimited use/residential standards. These sites are 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).

There are five IRP sites in New Mexico: Dona Ana Range Camp Sanitary Landfill (FTBL-011), Dona Ana Range Camp Rubble Landfill (FTBL-012), McGregor Range Camp Rubble (FTBL-013), Oro Grande Range Camp Rubble Landfill (FTBL-014) and IMROD Area (FTBL-015). FTBL-011, FTBL-012, and FTBL-013 are in post-closure care and are required by NMED to have yearly inspections; all inspections for these landfills were completed by Dec. 31, 2012. The IMROD is also in post-closure care and is required to have an inspection performed every two years. This inspection was completed in summer 2012 and another inspection in 2014. The Oro Grande Landfill is scheduled for total removal of rubbish by the end of 2016. With all rubbish removed, the installation will request a NFA thus eliminating the need to be in post-closure care.

Cleanup Exit Strategy

Sites FTBL-011, FTBL-012, and FTBL-13 are in post-closure care and are required by NMED to have yearly inspections. The next inspection is scheduled for FY16. The IMROD is also in post-closure care and is required to have an inspection performed every two years. The next inspection is due in 2016. The Oro Grande Landfill is scheduled for total removal of rubbish by the end of 2016. With all rubbish removed, the installation will request a NFA thus eliminating the need for post-closure care.

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

	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

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.....	200310.....	202211

RIP Date: N/A

RC Date: 200309

SITE DESCRIPTION

This site (FTBL-011) is a trench-type landfill of less than 5 acres and is located 1 mile southwest down the tank trail from the southwest corner of the Dona Ana Range Camp. The site received sanitary waste from the camp from pre-WWII days to 1945. Refuse disposed of in this unit included horseshoes, timber, bottles, paper, and other scrap metal. The USEPA and the NMED listed the site in the HSWA portion of the RCRA Subpart X permit for the OD site. The HSWA permit requires that RI work plans must be prepared within 120 days of the effective date of the permit which was issued on July 8, 1995. The RI fieldwork determined that RCRA release had not occurred and a report was submitted to the NMED in calendar year (CY) 98. The goal of this additional RI/FS was to demonstrate that contaminants had not been released from the landfill. After the RI/FS was completed it was determined that no release of contaminants had occurred.

In spring 2002, a VCAR for this landfill along with landfills FTBL-012 and FTBL-013 was submitted to NMED. In November 2004, the NMED reviewed the VCAR. The NMED HW/contamination assessment (CA) has accepted the 60-year old cover over FTBL-011; however, they required additional fencing and signage, which was installed in August 2003. In addition, the NMED wanted an assurance that storm water would not run-on or pond-on the site, minor dirt work was required to divert run-on from the tank trail to the site.

A cover letter dated Feb. 4, 2008 and a modification report were sent to the NMED in response to their letter dated Oct. 8, 2004. The NMED letter indicated approval of corrective action with modifications at FTBL-011/SWMU-29. The Fort Bliss letter and report notified the NMED of the completion of the run-on modification at FTBL-011.

Dona Ana Range Camp Rubble Pit FTBL-011 approval included post-closure care of landfill for 15 years. Post-closure inspections will be accomplished using in-house resources.

The inspection for Dona Ana Range Camp Sanitary Landfill (FTBL-011) was completed on June 19, 2014, as part of the approval letter dated May 27, 2008, for post-closure care, which states "The permittee must conduct annual inspections of the run-on controls and landfill cover and submit photographs and descriptions of the site conditions to NMED annually".

CLEANUP/EXIT STRATEGY

The yearly inspection will continue at FTBL-011, the next inspection will be completed in late spring FY16.

Site Name: RUBBLE PIT 12 DONA ANA SWMU-27

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.....	200410.....	202211

RIP Date: N/A

RC Date: 200409

SITE DESCRIPTION

This trench-type landfill known as FTBL-012 is contained within a 5-to-7 acre area located about 3,500 feet southwest of Dona Ana Range Camp. The site is reported to have been used since the early-1950s to dispose of refuse, rubble, and other material from the camp. The most recent trench, measuring 250 feet by 40 feet by 25 feet, was closed in 1984 and was covered with natural soil and graded to match the existing contour. The USEPA and the NMED listed the site in the HSWA portion of the RCRA Subpart X permit for the OD site. The HSWA permit requires INV of the site. The RI fieldwork determined that there was no RCRA release and a report was submitted to the NMED in CY97. The goal of this additional RI/FS was to demonstrate that release of contaminants had not occurred from the landfill. Borings taken to 15 and 25 feet below the bottom of the landfill in August 2001 did not discover any contamination or release to environment. The VCAR was submitted in spring 2002.

The NMED has refused to review this document, indicating they require SWMU landfills such as this to be capped, fenced and have warning signs and groundwater monitoring before closure. Design (DES) of these items was completed using an alternate (arid) cover/cap DES. At the FY04 IAP workshop, USAEC agreed to proceed with installation of the cap, signage and fencing, but not with monitoring wells. Construction cost was reviewed and approved. In June 2004, work began and was completed on Sept. 30, 2004.

On Oct. 30, 2007, Fort Bliss received a letter from the NMED indicating approval of the post-closure certification report of Dona Ana Range Camp Landfill FTBL-012. Fort Bliss proposed a post-closure inspection at least twice a year. This inspection will be performed before and after the wet summer season and after each major rainfall event that produces more than 1 inch of rain.

The post-closure report will include inspections and maintenance performed. The inspections must include observations of the final cover and side slopes, the surface water drainage system and the vegetative cover conditions. Any damage to cover material and side slopes must be noted and repaired. Any capped area experiencing subsidence must be re-graded with additional soil as needed to maintain drainage. Inspection and reporting will be accomplished with in-house funds.

The SI summaries, photographs, and descriptions of the site conditions will be submitted to the NMED annually by December 31st of each year. The NMED will review the monitoring requirements for post-closure at the end of the post-closure care inspection period to determine if post-closure care should be discontinued at that time. The period for post-closure care is not addressed in the Oct. 30, 2007 letter; however, the post-closure care period most likely will be 15 years (FY08 - FY23).

The rehabilitation and maintenance of the swale for the Dona Ana Landfill FTBL-012, which has been eroded from large rainfall events during previous years, was completed in the later portion of 2013.

The inspection for Dona Ana Range Camp Rubble Landfill (FTBL-012) was completed on June 19, 2014, as part of the approval letter dated May 27, 2008.

Site ID: FTBL-012

Site Name: RUBBLE PIT 12 DONA ANA SWMU-27

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.

The yearly inspection of the landfill will continue.

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.....	200409.....	202211

RIP Date: N/A

RC Date: 200409

SITE DESCRIPTION

This multiple trench-type landfill known as FTBL-013 is contained within a 20-acre area located about 500 feet southeast of McGregor Range Camp. The site is reported to have been used since the early-1960s for the disposal of refuse, rubble, and other material from the camp. The site was covered with natural soil and graded to match the existing contour. The USEPA and the NMED listed the site in the HSWA portion of the RCRA Subpart X permit for the OD site. The HSWA permit requires the site be investigated. The RFI fieldwork determined that there was no RCRA release and a report was submitted to the NMED in CY97. The goal of the additional RFI was to demonstrate that contaminants had not been released from the landfill. This RFI showed that no contaminants had been released to the environment. The VCAR was submitted to the NMED in spring 2002 and also has not been reviewed. The NMED has indicated they require SWMU landfills such as this to be capped, fenced, and have groundwater monitoring and warning signs before closure. At the FY04 IAP workshop, the USAEC reviewed the DES and cost documents and approved installation of the cap, signage, and fencing, but not the groundwater monitoring wells. Work began in June 2004 and was completed on Sept. 30, 2004.

On Oct. 30, 2007, Fort Bliss received a letter from the NMED, indicating approval of the post- closure certification report of Dona Ana Range Camp Landfill (SWMU No. 27/FTBL-012). The letter stated that Fort Bliss is required to conduct post-closure monitoring at this site.

The post-closure care at this site includes maintenance of the cover, drainage system, and vegetation. Fort Bliss must conduct annual inspections of the site and submit photographs and description of site conditions to the NMED annually. Inspections will be conducted using in-house resources.

NMED will review the monitoring requirements for post-closure care at the end of the proposed 15-year inspection period from FY08 to FY23, to determine if post-closure care should be discontinued at that time.

The repair of the fence and new survey were completed in 2013.

The inspection for McGregor Range Camp Rubble Landfill (FTBL-013) was completed on June 23, 2014, as part of the approval letter dated June 12, 2007, for post-closure care. The inspection will include maintenance of the cover, the surface drainage systems and vegetative cover conditions. Site inspections reports will include photographs and descriptions of the site conditions and shall be submitted to NMED annually by December 31st of each year.

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.....	201410.....	201510
CMI(C).....	201508.....	201702

RIP Date: N/A

RC Date: 201702

SITE DESCRIPTION

This site FTBL-014 is located south of Oro Grande Range Camp and west of Elephant Mountain, and is a 2-acre trench-type landfill that operated from 1983 to 1994. The most recent 300-foot by 50-foot by 35-foot trench was used to dispose of various refuse and waste material including wood, plastic, paper and some scrap metal from the range camp and was used by contractors on White Sands Missile Range. The original trench, east of the most recently used trench, was covered and re-graded to natural ground level. The most recent trench was covered with natural soil, then graded to match the existing contour. USEPA/NMED listed the site in the HSWA portion of the Subpart X permit for the OD site. The HSWA permit requires that RFI work plans must be prepared within 120 days of the effective date of the permit which was issued on July 8, 1995. RFI fieldwork determined that no RCRA release had occurred to the environment and a report was submitted to NMED in 1998. During the IAP meeting held in September 2000, historical research verified the 1994 closing date and that this site was therefore not Defense Environmental Restoration Account (DERA) eligible.

The Oro Grande Landfill (SWMU-25/FTBL-014) is now DERP eligible, as per DERP Eligibility Guidance dated May 28, 2009, and has been transferred from the Compliance-related Cleanup (CC) program.

The FTBL-014 RFI contract was completed in April 2012; there has been no response from NMED on final documents. In FY14 all contamination was removed and placed in a local New Mexico landfill.

On June 26, 2014, Fort Bliss received a letter from NMED for the approval of the final report for the Cover and Borrow Area investigation of the Oro Grande Landfill (SWMU-25/FTBL-014). In the letter NMED agreed that the landfill does not need to be closed under 40 CFR 264, and the reference made in the previous report was incorrect. NMED also indicated in the June 26, 2014, letter that the permittee (Fort Bliss) must submit a work plan that would provide information on the dimensions of the landfill, waste characterization methods, waste collection disposal and confirmatory samples from the walls and base of the excavated area.

During a conference call on March 21, 2014, Fort Bliss, indicated to NMED that the work plan deadline of Oct. 10, 2014 will need to be revised to accommodate the funding schedule for this project. In a letter to NMED dated July 21, 2014, Fort Bliss formally requested a 180-day extension from the deadline date of Oct. 10, 2014 to April 8, 2015 in order to obtain funding for the project and preparation of the work plan.

On July 31, 2014, Fort Bliss received a letter from NMED, with the approval for the 180-day extension for the work plan, from the deadline date of Oct. 10, 2014 to April 8, 2015 for award of a contract, and preparation of the work plan.

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.

Site ID: FTBL-014

Site Name: RUBBLE PIT 14 ORO GRANDE SWMU-25

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.

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.....	200305
LTM.....	200412.....	204509

RIP Date: N/A

RC Date: 200305

SITE DESCRIPTION

This approximately 10-acre Inactive McGregor Range Open Detonation Area (IMROD) (FTBL-015) is located approximately one-half mile north of McGregor Range Camp and contains two earthen pits and some small trenches. One pit is about 1 acre and the second is about a quarter of an acre. The site is heavily vegetated and lies in a no-training buffer zone around the range camp. The Fort Bliss master plan indicates that the future use of the area will remain as a buffer zone for the range camp. Records state the site was closed in 1958, but the presence of Hawk missile components indicate 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 are found across the site. There is no sign of surface water runoff. Groundwater in this area of the range is 380 feet below ground surface (bgs) and is not considered a source of domestic drinking water.

The USEPA and the NMED listed the site in the HSWA portion of the 1995 Subpart X permit. The HSWA module required that an RFI be conducted to determine if there has been a hazardous constituent release from activities at this site. Soil samples were taken during the RFI (these included surface, near surface and subsurface samples) to determine the presence of total petroleum hydrocarbons (TPH), RCRA metals, and/or cyclotrimethylenetrinitramine (RDX). The RFI fieldwork that was completed in December 1996 concluded in a July 1997 report that a release above the NMED soil screening levels (SSL) had not occurred. NMED determined that there were data gaps in the RFI report, primarily in determining the limits of any contamination from disposal activity. The following is a record of the activity:

- October 1996: Phase I RFI (Thompson)
- October 1997: Phase II RFI (Thompson)
- January 2002: Phase III RFI (Weston)
- December 2002: Screening-Level Ecological Risk Assessment (SLERA)
- December 2002: Voluntary Corrective Action Report (VCAR)

The 2002 VCAR demonstrates that there has been no release of contaminants at this site. Therefore, the site can be closed under the NMED NFA Criteria. In October 2004 the NMED returned comments to Fort Bliss on the VCAR. The work plan was submitted on Feb. 14, 2005. Fort Bliss submitted a work plan addendum in August 2006.

Fort Bliss agreed to add and complete the following additional work:

- a SLERA,
- debris removal,
- a geophysical survey of the pit area,
- sampling of the kick-out area, and
- documentation of unexploded ordnance (UXO) clearance.

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.

Site ID: FTBL-015
Site Name: EOD OPEN DEMO AREA SWMU-20

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 FY16.

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	EXCESS (DISPOSE OF) CASTNER RANGE/SWMU64	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 give.
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 give 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 - EXCESS (DISPOSE OF) CASTNER RANGE/SWMU64)

1987

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

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

1989

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

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)

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

1990

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))

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))

1991

RFA (FTBL-049 - B-1116 SOIL REMED & DISPOSAL/SWMU 74)

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

IRP Schedule

INV	(FTBL-040 - BLDG 1742 UST SITE (TX)/SWMU 69, FTBL-057 - BLDG. 4115 UST SITE, FTBL-066 - BLDG. 11603 UST SITE)
1992	
ISC	(FTBL-038 - BLDG 1378 UST SITE (TX)/SWMU 67, FTBL-042 - BLDG 9522 UST SITE (NM)/SWMU 71)
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))
1993	
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)
ISC	(FTBL-055 - BLDG. 9485 UST SITE)
1994	
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)
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)
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)
CS	(FTBL-050 - B-11636 BOP PONDS INVEST & REMED/SWMU 75)
RFA	(FTBL-050 - B-11636 BOP PONDS INVEST & REMED/SWMU 75)
CAP	(FTBL-038 - BLDG 1378 UST SITE (TX)/SWMU 67, FTBL-053 - BLDG. 9496 UST SITE)
1995	
RFA	(FTBL-047 - ILLEGAL DUMP SITE (ORO GRANDE)/SWMU 72, FTBL-051 - MEYER OXIDATION LAGOON (SWMU #76))
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)
CS	(FTBL-013 - RUBBLE PIT 13 MCGREGOR SWMU-18, FTBL-047 - ILLEGAL DUMP SITE (ORO GRANDE)/SWMU 72)
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)
CAP	(FTBL-052 - BLDG.2469 UST SITE, FTBL-054 - BLDG. 2491 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)
IMP(C)	(FTBL-052 - BLDG.2469 UST SITE, FTBL-053 - BLDG. 9496 UST SITE)
1996	
RFA	(FTBL-072 - CASTNER OBOD PIT B-1, FTBL-073 - CASTNER OBOD PIT A-1, FTBL-074 - NORTH HILLS

IRP Schedule

	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 - EXCESS (DISPOSE OF) CASTNER RANGE/SWMU64, 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)
RFI/CMS	(FTBL-037 - MCGREG BORROW PIT DRUM BURIAL SITE/SWM66)
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)
CMI(C)	(FTBL-018 - BIGGS INAC FIRE FIGHT TRAIN AREA/SWMU 32)
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)
IMP(O)	(FTBL-053 - BLDG. 9496 UST SITE, FTBL-055 - BLDG. 9485 UST SITE)
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)
1997	
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)
RFA	(FTBL-078 - HEUCO RANGE CAMP, FTBL-079 - B2598 TRUCK WASH AREA, FTBL-080 - OLD MESA WELL FIELD)
1998	
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)
CS	(FTBL-016 - DONA ANA RANGE 41 (SWMU #26), FTBL-079 - B2598 TRUCK WASH AREA)
1999	
DES	(FTBL-028 - RUBBLE DUMP SITE(NR SITE MONITOR)/SWMU16)
CS	(FTBL-080 - OLD MESA WELL FIELD)
RFI/CMS	(FTBL-028 - RUBBLE DUMP SITE(NR SITE MONITOR)/SWMU16, FTBL-030 - EXCESS (DISPOSE OF) CASTNER RANGE/SWMU64)
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)
2000	
IMP(C)	(FTBL-056 - BLDG. 675 UST SITE, FTBL-062 - BLDG. 56 UST SITE)
RFA	(FTBL-081 - ORGAN MOUNTAINS STATION)
ISC	(FTBL-082 - BUILDING 7146 USTS WBAMC)
RFI/CMS	(FTBL-016 - DONA ANA RANGE 41 (SWMU #26), FTBL-022 - ORO GRANDE OXIDATION LAGOON/SWMU

IRP Schedule

	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)
CMI(C)	(FTBL-031 - OIL PITS AT INACTIVE SANITARY LF2/SWMU 4, FTBL-037 - MCGREG BORROW PIT DRUM BURIAL SITE/SWM66)
2001	
INV	(FTBL-082 - BUILDING 7146 USTS WBAMC)
RFI/CMS	(FTBL-075 - BLDG. 1177 PCB DUMP SITE)
CS	(FTBL-011 - LANDFILL 11 DONA ANA SWMU-29, FTBL-081 - ORGAN MOUNTAINS STATION)
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)
IMP(C)	(FTBL-040 - BLDG 1742 UST SITE (TX)/SWMU 69)
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)
2002	
INV	(FTBL-083 - BIGGS AAF BLIMP BASE FUELING FACILITY, FTBL-084 - USAF FUEL LINE BULK FUEL FARM, BIGGS AAF)
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)
CAP	(FTBL-082 - BUILDING 7146 USTS WBAMC)
2003	
CAP	(FTBL-083 - BIGGS AAF BLIMP BASE FUELING FACILITY, FTBL-084 - USAF FUEL LINE BULK FUEL FARM, BIGGS AAF)
RFI/CMS	(FTBL-015 - EOD OPEN DEMO AREA SWMU-20)
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)
2004	
DES	(FTBL-013 - RUBBLE PIT 13 MCGREGOR SWMU-18)
CMI(C)	(FTBL-012 - RUBBLE PIT 12 DONA ANA SWMU-27, 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	
LTM	(FTBL-073 - CASTNER OBOD PIT A-1)
RFI/CMS	(FTBL-073 - CASTNER OBOD PIT A-1)
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
---------	-----------	--------------	-------------

Final RA(C) Completion Date: 201702

Schedule for Next Five-Year Review: 2015

Estimated Completion Date of IRP at Installation (including LTM phase): 204509

FORT BLISS IRP Schedule

= phase underway

SITE ID	SITE NAME	PHASE	FY16	FY17	FY18	FY19	FY20	FY21+
FTBL-011	LANDFILL 11 DONA ANA SWMU-29	LTM						
SITE ID	SITE NAME	PHASE	FY16	FY17	FY18	FY19	FY20	FY21+
FTBL-012	RUBBLE PIT 12 DONA ANA SWMU-27	LTM						
SITE ID	SITE NAME	PHASE	FY16	FY17	FY18	FY19	FY20	FY21+
FTBL-013	RUBBLE PIT 13 MCGREGOR SWMU-18	LTM						
SITE ID	SITE NAME	PHASE	FY16	FY17	FY18	FY19	FY20	FY21+
FTBL-014	RUBBLE PIT 14 ORO GRANDE SWMU-25	DES						
		CMI(C)						
SITE ID	SITE NAME	PHASE	FY16	FY17	FY18	FY19	FY20	FY21+
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: 7/3

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)

Most Widespread Contaminants of Concern

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

Media of Concern

Groundwater, 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): 202309/202309

Date of MMRP completion including Long Term Management (LTM): 202909

MMRP Contamination Assessment

Contamination Assessment Overview

Of the five MMRP sites, to date, reliable contamination data has been developed only on the closed Castner Firing Range (FTBLS-004-R-01). The most recent experience at Castner Range (Phase 1 Ordnance and Explosives (OE) removal) showed that the impact areas of Castner are well known. The fieldwork on the WAA has been completed and a final report was completed July 2012. The WAA is not part of the MMRP; however, the information gathered during the WAA will be used in the upcoming RI/FS, which is scheduled to begin in FY15.

Site FTBLS-005-R-01, the New Mexico Dona Ana Range Camp, is located on an operational range site and will not be addressed under the MMRP.

Of the other three sites:

FTBLS-003-R-01 has the least chance of having UXO as it is the present site of the Chevron Oil Refinery in El Paso, Texas, well within the city limits and the ground surface in this area has been heavily reworked so it is nowhere near its original grades.

FTBLS-001-R-01 McNew Surplus is fairly remote, with minor human activity and could contain some light UXO contamination.

FTBLS-002-R-01 (Former Maneuver Areas 1 and 2): the SI phase was completed with a final SI report dated March 2011. The RI/FS began in 2012.

FTBLS-001-R-01 and FTBLS-003-R-01 have been identified for the Formerly Used Defense Site (FUDS) program.

There are two MMRP sites in Texas; the Former Maneuver Area A (FTBLS-002-R-01) and the Closed Castner Range (FTBLS-004-R-01). The SI report for the Former Maneuver Area A was completed in March 2011 and recommended that further study is required. An RI for this area was completed in December 2013 and an FS was recommended. The USACE awarded mod 2 in August 2014. This mod includes an FS and DD. The POP ends Sept. 30, 2015.

The Closed Castner Range WAA has been completed and a report of the activities was issued in July 2012. Due to more multi-incremental sampling, the final report on the quality assurance project plan was not completed until June 2013. A scoping meeting for upcoming RI took place on Feb. 5, 2013. The RI kick off meeting was held Nov. 19, 2013, TPP meeting No. 1 was held on Feb. 27, 2014 and there have been six project review meetings by tele-conference. The TPP No. 2 meeting was held on Feb. 11, 2015. Fieldwork will begin in November 2015.

Cleanup Exit Strategy

There are two MMRP sites in Texas: The Maneuver Area A (FTBLS-002-R-01) and the Closed Castner Range (FTBLS-004-R-01). An RI for this area was completed in December 2013 and recommended an FS. The Closed Castner Range WAA has been completed and the RI fieldwork is scheduled to begin in FY15. An explosive site plan (ESP) and an RI have been funded for sites FTBLS-006-R-01 and FTBLS-006-R-02.

MMRP Previous Studies

2002	Title	Author	Date
	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

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.....	201608
RA(C).....	201609.....	201905
RIP Date:	N/A	
RC Date:	201908	

SITE DESCRIPTION

In the late-1930s, Fort Bliss began requesting land for maneuver training. In 1939, 54,953 acres, known as the Expansion of Facility Area, was acquired for field exercises. In 1942, Fort Bliss leased a 118,667-acre plot adjacent to the Expansion of Facility Area for tactical training; this became known as the Maneuver Area. Troops from Fort Bliss and BAAF used this Maneuver Area during WWII. Between 1946 and 1947 the entire maneuver area was declared surplus, but was re-acquired and expanded a few years later.

In 1949, the Expansion of Facility Area was renamed Maneuver Area No. 1 and the newly leased 125,151-acre parcel was named Maneuver Area No 2. By the 1970s the size of the maneuver areas had greatly decreased due to the expansion of the municipal airport and expansions to Biggs Army Field. Maneuver Area No. 1 was reduced by roughly 10,000 acres. Leased land adjacent to Carlsbad Highway 62/180 within Maneuver Area No. 2 was not renewed, and the remaining 65,920 acres were purchased outright.

Several clearance operations on the Former Maneuver Areas 1 and 2 have been conducted. The entire area has not been cleared, but in 1946 1,280 acres were searched and cleared of duds and several "hot spots" were cleared from 1992 to 1993. Although the areas were never intended for the use of live ordnance, several pieces of UXO and OE have been discovered on Former Maneuver Areas 1 and 2. The remaining land of Former Maneuver Areas 1 and 2 are classified as active/inactive.

The SI was completed in March 2011. The RI/FS kick-off meeting occurred in FY12.

The first TPP meeting occurred April 25, 2012 and the fieldwork for the RI began the last week of November. The RI is currently in progress.

The RI for this area has been completed and the FS will begin. USACE awarded mod 2 in August 2014. This mod covers an FS and DD. The POP is Sept. 30, 2015.

CLEANUP/EXIT STRATEGY

Future actions programmed at this time include an FS and MEC removal.

Site ID: FTBLS-004-R-01

Site Name: Closed Castner Firing Range

STATUS

Regulatory Driver: CERCLA
MRSP 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.....	201004.....	201810
RA(C).....	201809.....	202309
LTM.....	202309.....	202909
RIP Date: N/A		
RC Date: 202309		

SITE DESCRIPTION

Castner Range is an island within the city limits of El Paso, Texas, approximately 5 miles south of the New Mexico border. Acquisition of Castner Range began in 1926. It then consisted of approximately 3,500 acres, but by 1939, additional land was acquired to bring the total size of the range to 8,328 acres.

From 1926 through 1966 Castner Range was used heavily for small arms, artillery firing, and impact areas. In 1966, all ordnance use at Castner Range was discontinued. Range operations were then transferred to the Meyer Range Complex. In 1971 the Department of the Army reported Castner Range, Fort Bliss, Texas excess to its needs. Due to the contaminated state of the property, General Service Administration (GSA) conditionally accepted the Report of Excess No. ALB-232 and agreed to proceed with disposal action when notified that decontamination had been accomplished and certified by the Army. A letter dated Aug. 16, 1983, indicated that the since there had been no further action taken toward decontaminating all or portions of the remaining Castner Range, the property is hereby returned to the Department of the Army as undisposible at this time. Several parcels of Castner Range have since been transferred to non-DoD entities described below.

Many isolated clearance operations have been conducted on Castner Range over the years, and the 1,244 acres that have been transferred have been thoroughly cleared. However, the remaining 7,081 acres of Castner Range are still unsuitable for transfer. The site contains large caliber high explosives, mortars, pyrotechnics, illumination flares, grenades, and small arms and a large area used for OB/OD has been found to contain cyclotetramethylenetetranitramine (HMX), RDX, and RCRA metals. This OB/OD area will not be remediated independent of any effort to remediate the Castner Range for UXO or OE. Several cost estimates have been developed to determine clearance and remediation costs of the property over the years; estimated costs have been high. Given the proximity of residential areas, the highway that runs through it, and the Franklin Mountain State Park that borders it, Castner Range poses a very high hazard to people in the area. Since 1955, there have been numerous deaths and disfigurements caused by UXO and OE encounters there. The range is currently undeveloped and patrolled by personnel from the Fort Bliss Range Control Office. Trespassing by the general public is a common and potentially dangerous problem.

An engineering evaluation/cost estimate to fence the range was initiated in 2007, but was later deferred until after the RI/FS is completed. Signage at the Castner Range was updated in early-2009.

Castner Range was selected for the WAA technologies evaluation and multi-incremental sampling protocol development. The total acreage used in WAA is approximately 2,800 acres.

The final WAA Field Demonstration Report for the closed Castner Range was issued in December 2012. Due to more multi-incremental sampling the final report on QAPP was not completed until June 2013.

A scoping meeting for the RI, for the Closed Castner Range occurred on Feb. 5, 2013.

The RI kick off meeting was held on Nov. 19, 2013, TPP meeting No. 1 was held on Feb. 27, 2014 and there have been six project review meetings by tele-conference.

Site ID: FTBLS-004-R-01
Site Name: Closed Castner Firing Range

CLEANUP/EXIT STRATEGY

The implementation of a LUC will be conducted at FTBLS-004-R-01 at a future time.

The next TPP meeting is scheduled to occur in November 2015 then fieldwork will begin.

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.....	201304.....	201907
RIP Date:	N/A	
RC Date:	201907	

SITE DESCRIPTION

The BAAF OB/OD Site I was discovered April 15, 2013, west of the main BAAF runway and it encompasses approximately 15 acres. A visual survey found several types of detonated/burned munitions mounds, as well as unknown buried waste in trenches and detonation pits in the vicinity of this OB/OD site.

Historical use of this site may go back to the Army during WWII until it was transferred to the Air Force on Sept. 27, 1947. In 1948, use of this site increased when the base was transferred to the US Air Force Strategic Air Command (SAC) and was part of the US nuclear deterrent force until 1966.

CLEANUP/EXIT STRATEGY

A draft project management plan (PMP), an ESP and a RI have been funded for FY15. Future costs will be based on the contract which will be awarded this FY. The contract performance work statement (PWS) indicates that an RI, FS, PP, and DD will be achieved.

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.....	201304.....	201607
RI/FS.....	201608.....	201808
RIP Date:	N/A	
RC Date:	201808	

SITE DESCRIPTION

The BAAF OB Site II was discovered April 15, 2013, north of the main BAAF runway and encompasses approximately 14 acres.

The site's history is unknown: it is believed to have been part of the US Air Force SAC up until it was transferred back to the Army in July 1966.

A PA of the site was completed on Aug. 21, 2013.

The PA indicates the site contains unknown material burned debris and may contain munitions, as well as trenches with unknown buried waste within the vicinity. To this date there has not been any type of cleanup performed at the site.

CLEANUP/EXIT STRATEGY

An SI will be conducted at the BAAF OB FTBLS-006-R-02 and was funded for FY15. Future costs will be based on the contract which will be awarded this FY. The contract PWS indicates that the goal is to achieve an SI, RI, FS, PP, and DD.

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)

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
---------	-----------	--------------	-------------

Final RA(C) Completion Date: 202309

Schedule for Next Five-Year Review: 2015

Estimated Completion Date of MMRP at Installation (including LTM phase): 202909

FORT BLISS MMRP Schedule

= phase underway

SITE ID	SITE NAME	PHASE	FY16	FY17	FY18	FY19	FY20	FY21+
FTBLS-002-R-01	Former Maneuver Area 1 & 2	RI/FS						
		RA(C)						
SITE ID	SITE NAME	PHASE	FY16	FY17	FY18	FY19	FY20	FY21+
FTBLS-004-R-01	Closed Castner Firing Range	RI/FS						
		RA(C)						
		LTM						
SITE ID	SITE NAME	PHASE	FY16	FY17	FY18	FY19	FY20	FY21+
FTBLS-006-R-01	Biggs OB/OD Site I	RI/FS						
SITE ID	SITE NAME	PHASE	FY16	FY17	FY18	FY19	FY20	FY21+
FTBLS-006-R-02	Biggs OB Site II	SI						
		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): 201807/201807

Date of CR completion including Long Term Management (LTM): 201807

CR Contamination Assessment

Contamination Assessment Overview

In October 2006 a limited surface sampling was conducted. In March 2014 a second sampling event was conducted and elevated levels of pesticides, VOCs and metals were detected. Lead was also detected over USEPA levels. An RI is scheduled to begin in 2015.

Cleanup Exit Strategy

An RI has been funded for FY15. A contract will be awarded this FY for an FS, PP and DD.

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: RCRA
Contaminants of Concern: Metals, Pesticides
Media of Concern: Soil

Phases	Start	End
RFA.....	201403.....	201408
RFI/CMS.....	201408.....	201807
RIP Date:	N/A	
RC Date:	201807	

SITE DESCRIPTION

The Fort Bliss Far East Illegal Dump Site was originally discovered in the summer of 2004. The dump site is located in far eastern Fort Bliss, within the state of Texas, approximately 15 miles northeast of the main cantonment. The several low piles of weathered debris are suspected to contain medical type material, as well as cans, bottles, and vehicle tires and parts. Source of the waste and party responsible for dumping are unknown. The suspected illegal dumping is estimated to have occurred prior to 2000 based on publicly available aerial image examination. Dating on some of the bottles was from the 1970s. Through visual observation the debris appeared to have been dumped on the ground surface with no excavating or burial. Over time the waste piles have become partially covered and mixed with wind-blown deposits, with scattered desert scrub vegetation growing through the piles. The area is estimated at approximately 2.24 acres. Fencing was installed to deter access of the site in May 2014.

There were concerns that the site might present a health and ecological hazard based on empty medical bottles labeled nuclear. Some of the bottles were labeled Mallinckrodt nuclear sterile pyrogen free glass syringes and exposed needles were found at the site. In addition to what appears to be medical waste, other waste items were found, such as lead/acid batteries, electronics, tires, burnt materials, ACM and POL.

On Oct. 25, 2006, a limited surface sampling was conducted for metals, VOC and ACM. With the following results; arsenic, 567 mg/kg, cadmium 216 mg/kg, Lead 315 mg/kg and selenium 489 mg/kg. On March 27, 2014, a second sampling event of the Far East Fort Bliss Illegal Dump Site was conducted, and elevated levels of Pesticides, VOCs and metals were detected, which are above Texas protective concentration levels (PCL) and will require further investigation. Lead was detected at 849 mg/kg, which is over the USEPA industrial SSLs.

Under the Fort Bliss RCRA permit corrective action there is a requirement for providing notification and assessment for newly identified SWMU and AOC.

An RI is currently funded and scheduled to begin in FY15.

CLEANUP/EXIT STRATEGY

An RI has been funded for FY15. Future costs will be based on the contract which will be awarded this FY but not in time for this data call. The contract PWS indicates that an RI, FS, PP, and DD will be achieved.

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

RFA (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: 2015

Estimated Completion Date of CR at Installation (including LTM phase): 201807

FORT BLISS CR Schedule

= phase underway

SITE ID	SITE NAME	PHASE	FY16	FY17	FY18	FY19	FY20	FY21+
CCFTBL-001	Far East Illegal Dump Site	RFI/CMS						

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.

As indicated earlier, the RAB is held once per 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

