

DEVENS RESERVE TRAINING FACILITY

Army Cleanup Program

Installation Action Plan Final

June 2024

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STATEMENT OF PURPOSE

The Installation Action Plan (IAP) provides evidence that the Army is firmly committed to expeditious identification and cleanup of environmental contamination, and that the installation has a credible, organized program to carry out that commitment. The IAP provides an outline of the total multi-year environmental cleanup program for each site with ongoing or future planned restoration activity and includes the (1) environmental restoration requirements, (2) the rationale for the selected technical approach, and (3) foundation to develop corresponding financial needs for each cleanup site.

INSTALLATION OVERVIEW

Installation Name: DEVENS RESERVE TRAINING FACILITY

Installation City: AYER

Installation County: Worcester

Installation State: Massachusetts

Regulatory Participation - Federal: USEPA Region 1

Regulatory Participation - State: Massachusetts Department of Environmental Protection

ACRONYMS

Acronym	Definition
AOC	Area of Concern
CC	Compliance-related Cleanup
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act of 1980
CRL	Cleanup Restoration & Liabilities
FYR	Five-Year Review
FS	Feasibility Study
HQAES	Headquarters Army Environmental System
HRS	Hazard Ranking System
INRMP	Integrated Natural Resources Management Plan
IAP	Installation Action Plan
ID	Identification
IR	Installation Restoration
IRA	Interim Remedial Action
LTM	Long-Term Management
LTMP	Long-Term Management Plan
MADEP	Massachusetts Department of Environmental Protection
MR	Munitions Response
MRSPP	Munitions Response Site Prioritization Protocol
NPL	National Priorities List
PA	Preliminary Assessment
PACE	People of Ayer Concerned about the Environment
RAB	Restoration Advisory Board
RA(C)	Remedial Action (Construction)
RA(O)	Remedial Action (Operations)
RC	Response Complete
RCRA	Resource Conservation and Recovery Act
RD	Remedial Design
RI	Remedial Investigation
RIP	Remedy-in-Place
ROD	Record of Decision
SC	Site Closeout
SI	Site Inspection
SPIA	South Post Impact Area
TAPP	Technical Assistance for Public Participation
USEPA	US Environmental Protection Agency

Acronym	Definition
UST	Underground Storage Tank
UU/UE	Unlimited Use / Unrestricted Exposure

PHASE TRANSLATION TABLE

CERCLA Phase	RCRA Phase	RCRA UST Phase
Preliminary Assessment (PA)	RCRA Facility Assessment (RFA)	Initial Site Characterization (ISC)
Site Inspection (SI)	Confirmation Sampling (CS)	Investigation (INV)
Remedial Investigation/ Feasibility Study (RI/FS)	RCRA Facility Investigation/Corrective Measures Study (RFI/CMS)	Corrective Action Plan (CAP)
Remedial Design (RD)	Design (DES)	Design (DES)
Interim Remedial Action (IRA)	Interim Measure (IM)	Interim Remedial Action (IRA)
Remedial Action (Construction) (RA(C))	Corrective Measures Implementation (Construction) (CMI(C))	Implementation (Construction) (IMP(C))
Remedial Action (Operations) (RA(O))	Corrective Measures Implementation (Operations) (CMI(O))	Implementation (Operations) (IMP(O))
Long-Term Management (LTM)	Long-Term Management (LTM)	Long-Term Management (LTM)

PROGRAM SUMMARY

Number of Open Sites with Response Complete/Total Open IR Sites: 0/0

Number of Open Sites with Response Complete/Total Open MR Sites: 0/0

Number of Open Sites with Response Complete/Total Open CC Sites: 2/2

SITE-LEVEL INFORMATION

1163A.1096_CC_FTDV-026_ZULU RANGES 1& 2 (AOC 26)

Env Site ID: CC

Cleanup Site: FTDV-026_ZULU RANGES 1& 2 (AOC 26)

Alias: FTDV-26

Regulatory Driver: CERCLA

RIP Date: 5/31/1998

RC Date: 5/31/1998

RC Reason: Other

SC Date: 9/16/2054

Program: Compliance-related Cleanup

Subprogram: CC

NPL Status: Yes

Hazardous Ranking Score: 42.2

RRSE: N/A

MRSPP:

Phase	Start	End
PA:	8/31/1991	6/30/1992
SI:	8/31/1991	3/31/1993
RI/FS:	4/30/1992	8/31/1994
RD:	7/31/1996	12/31/1996
IRA:	--	--
RA(C):	12/31/1996	5/31/1998
RA(O):	--	--
LTM:	5/31/1998	9/15/2054

Site Narrative: This Compliance-related Cleanup (CC) site was created to continue to track the long-term monitoring being conducted at ZULU Ranges 1 & 2 area of concern (AOC) 26, which was originally investigated under the Base Realignment and Closure (BRAC) program. The record of decision (ROD) for the south post impact area (SPIA), of which AOC 26 is a part, documents the selection of no action alternative as the remedy for the SPIA, requiring the development of a long-term management plan (LTMP) and an integrated natural resources management plan (INRMP). The INRMP, developed concurrently with the LTMP, was implemented to monitor the impacts of the current land use to ecosystems in the SPIA. The details of the INRMP were prepared in a separate document in coordination with the US Environmental Protection Agency (USEPA), the US Fish and Wildlife Service, and the Massachusetts Department of Environmental Protection (MADEP). The objectives of the long-term management (LTM) sampling program are to demonstrate contaminant attenuation and containment within the SPIA. The LTMP for the SPIA outlines the procedures and schedules for monitoring groundwater in wells. The primary contaminants of concern at AOC 26 are metals and explosive compounds. In 2017, the USEPA required an additional investigation of AOC 26 due to elevated detections of cyclotrimethylenetrinitramine and perchlorate. The additional investigation added quarterly groundwater and surface water sampling to the monitoring program. The results of that additional investigation have been submitted to the USEPA. Based on the results, the USEPA will likely continue to require additional sampling of both groundwater and surface water in AOC 26. Because the future land use will remain industrial and hazardous substances, pollutants, or contaminants will remain at the site at concentrations exceeding levels that allow for unlimited use/unrestricted exposure (UU/UE) five-year remedy reviews will continue indefinitely.

1163A.1097_CC_FTDV-27_HOTEL RANGE (AOC 27)

Env Site ID: CC

Cleanup Site: FTDV-27_HOTEL RANGE (AOC 27)

Alias: FTDV-27

Regulatory Driver: CERCLA

RIP Date: 5/31/1998

RC Date: 5/31/1998

RC Reason: Other

SC Date: 9/16/2054

Program: Compliance-related Cleanup

Subprogram: CC

NPL Status: Yes

Hazardous Ranking Score: 42.2

RRSE: N/A

MRSPP:

Phase	Start	End
PA:	8/31/1991	6/30/1992
SI:	8/31/1991	3/31/1993
RI/FS:	4/30/1992	8/31/1994
RD:	7/31/1996	12/31/1996
IRA:	--	--
RA(C):	12/31/1996	5/31/1998
RA(O):	--	--
LTM:	5/31/1998	9/15/2054

Site Narrative: This site was created to track the long-term monitoring at AOC 27. The ROD for the SPIA (which contains AOC 27) documents the selection of no action alternative as the remedy for the SPIA, requiring the development of a LTMP and an INRMP. The INRMP developed concurrently with the LTMP, was implemented to monitor the impacts of the current land use to ecosystems in the SPIA. The details of the INRMP were prepared in a separate document in coordination with the USEPA, the US Fish and Wildlife Service, and the MADEP. The objectives of the LTM sampling program are to demonstrate contaminant attenuation and containment within the SPIA. The LTMP for the SPIA outlines the procedures and schedules for monitoring groundwater in wells. The primary contaminants of concern at AOC 27 are metals and explosive compounds. Because the future land use will remain industrial and hazardous substances, pollutants, or contaminants will remain at the site at concentrations exceeding levels that allow for UU/UE, five-year remedy reviews will continue indefinitely.

SITE SUMMARY

SITE CLOSEOUT SUMMARY

CRL ID	Site Name	Site Closeout Date
1163A.1085	FTDV-010-R-01_RANGE COMPLEX #4	10/31/2003
1163A.1086	FTDV-009-R-01_FORMER TRAINING AREA 22	2/28/2009
1163A.1087	FTDV-008-R-01_FORMER MOCK VILLAGE	10/17/2003
1163A.1088	FTDV-007-R-01_FORMER HAND GRENADE RANGE	2/28/2009
1163A.1089	FTDV-006-R-01_FORMER EOD RANGE	2/28/2009
1163A.1090	FTDV-005-R-01_FORMER ANTITANK RANGE	2/28/2009
1163A.1091	FTDV-004-R-01_DEVENS RIFLE RANGE #3B	2/28/2009
1163A.1092	FTDV-003-R-01_DEVENS RIFLE RANGE #3A	2/28/2009
1163A.1093	FTDV-002-R-01_Barnum Road Area	5/31/2009
1163A.1094	FTDV-001-R-01_DEVENS RIFLE RANGE #1	2/28/2009

COMMUNITY INVOLVEMENT

Community Involvement Plan (Date Last Reviewed):	11/1/2020
Technical Review Committee Establishment Date:	12/31/1991
Restoration Advisory Board (RAB) Establishment Date:	2/28/1994
RAB Adjournment Date:	N/A
RAB Adjournment Reason:	N/A
Reasons for Not Establishing RAB:	N/A
RAB Date of Solicitation from Community:	N/A
RAB Results of Solicitation:	N/A
Current Technical Assistance for Public Participation (TAPP):	Yes. People of Ayer Concerned about the Environment (PACE) have a Technical Assistant Grant through USEPA since August 27, 2013. Funds pay for a technical advisor to review and interpret documents for PACE.
TAPP Title:	Technical Assistance Grant
Potential TAPP:	N/A
Administrative Record Location:	Devens BRAC Office, 30 Quebec Street, Devens MA 01434
Information Repository Location:	Devens BRAC Office, 30 Quebec Street, Devens MA 01434

FIVE-YEAR / PERIODIC REVIEW SUMMARY

Status	Review Type	Start Date	End Date	Plans Narrative	Actions Narrative	Results Narrative
Future	FYR	9/1/2024	9/1/2025	FYR will cover the Former Fort Devens property fence to fence including BRAC and Active installation sites under one FYR.	FYR will commence in 2024 for completion in 2025.	FYR will be updated every five years.
Completed	FYR	9/1/2015	9/1/2020	FYR included all BRAC and active installation sites under the Former Fort Devens fence to fence property boundary.	FYR was completed in 2020.	FYR was completed in accordance with requirements to perform FYR every five years.