

# **PARKS RESERVE FORCES TRAINING AREA**

Army Cleanup Program

Installation Action Plan Final

June 2024

**TABLE OF CONTENTS**

**STATEMENT OF PURPOSE .....3**

**INSTALLATION OVERVIEW .....4**

**ACRONYMS .....5**

**PHASE TRANSLATION TABLE .....7**

**PROGRAM SUMMARY .....8**

**SITE-LEVEL INFORMATION .....9**

**06685.1014\_CCPRFTA-01\_Tassajara Flood Plain Disposa ..... 10**

**06685.1021\_CCPRFTA-06\_Burn Pits ..... 11**

**06685.1039\_PRFTA-PFAS\_PFAS..... 12**

**SITE SUMMARY ..... 13**

**SITE CLOSEOUT SUMMARY ..... 14**

**COMMUNITY INVOLVEMENT ..... 15**

**FIVE-YEAR / PERIODIC REVIEW SUMMARY ..... 16**

## 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:** PARKS RESERVE FORCES TRAINING AREA

**Installation City:** DUBLIN

**Installation County:** ALAMEDA

**Installation State:** CALIFORNIA

**Regulatory Participation - Federal:** United States Environmental Protection Agency Region 9

**Regulatory Participation - State:** San Francisco Bay Regional Water Quality Control Board (RWQCB)

## ACRONYMS

Acronym	Definition
AOPI	Area of Potential Interest
bgs	below ground surface
CC	Compliance-related Cleanup
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act of 1980
CRL	Cleanup Restoration & Liabilities
DD	Decision Document
ENV	Environmental
FS	Feasibility Study
ft	foot
FY	Fiscal Year
FYR	Five-Year Review
IAP	Installation Action Plan
ID	Identification
IR	Installation Restoration
IRA	Interim Remedial Action
LTM	Long-Term Management
LUC	Land Use Control
LUCIP	Land Use Control Implementation Plan
MR	Munitions Response
MRSPP	Munitions Response Site Prioritization Protocol
NFA	No Further Action
NPL	National Priorities List
PA	Preliminary Assessment
PFAS	Per- and Polyfluoroalkyl Substances
PP	Proposed Plan
PR	Periodic Review
RAB	Restoration Advisory Board
RA(C)	Remedial Action (Construction)
RACR	Remedial Action Completion Report
RA(O)	Remedial Action (Operations)
RC	Response Complete
RCRA	Resource Conservation and Recovery Act
RD	Remedial Design
RI	Remedial Investigation
RIP	Remedy-in-Place

Acronym	Definition
ROD	Record of Decision
RRSE	Relative Risk Site Evaluation
RWQCB	Regional Water Quality Control
SARA	Superfund Amendment and Reauthorization Act
SC	Site Closeout
SI	Site Inspection
TAPP	Technical Assistance for Public Participation
TCRA	Time Critical Removal Action
USACHPPM	US Army Center for Health Promotion and Preventive Medicine
USACE	US Army Corps of Engineers
USAEC	US Army Environmental Command

## 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: 0/3**

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

**Number of Open Sites with Response Complete/Total Open CC Sites: 0/0**



## SITE-LEVEL INFORMATION

## 06685.1014\_CCPRFTA-01\_Tassajara Flood Plain Disposa

**Env Site ID:** CCPRFTA-01

**Cleanup Site:** Tassajara Flood Plain Disposa

**Alias:** #

**Regulatory Driver:** CERCLA

**RIP Date:** 10/31/2026

**RC Date:** 10/31/2026

**RC Reason:** Not assigned

**SC Date:** 9/30/2056

**Program:** ENV Restoration, Army

**Subprogram:** IR

**NPL Status:** No

**Hazardous Ranking Score:** 0

**RRSE:** Not Evaluated

**MRSPP:** N/A

Phase	Start	End
PA:	1/18/1994	5/27/1994
SI:	1/31/2009	9/30/2010
RI/FS:	10/31/2010	7/1/2024
RD:	7/2/2024	1/31/2026
IRA:	--	--
RA(C):	2/1/2026	10/31/2026
RA(O):	--	--
LTM:	11/1/2026	9/30/2056

**Site Narrative:** The Tassajara Flood Plain Disposal Trenches Site was first identified in a 1994 preliminary assessment (PA) and investigated further in a 1998 relative risk site evaluation (RRSE) by the US Army Center for Health Promotion and Preventive Medicine (USACHPPM). The site was used as a landfill during the Navy's tenure in the 1940s and has been used as a bivouac area. This landfill consists of four buried disposal areas. Some debris is visible on the surface. Three phases of remedial investigation (RI) were conducted from 2009 to 2012. Sampling of 17 groundwater monitoring wells has indicated that the waste has not impacted groundwater. The feasibility study (FS) was completed as a final version in 2021. Late comments from the state were addressed and FS received regulatory concurrence in 2022. A proposed plan (PP) was completed and presented to the public April 12, 2023. A decision document (DD) is currently in progress. Cleanup/Exit Strategy - is the preferred alternative of land use controls with monitoring and maintenance.

## 06685.1021\_CCPRFTA-06\_Burn Pits

**Env Site ID:** CCPRFTA-06

**Cleanup Site:** Burn Pits

**Alias:** CCPRFTA-06

**Regulatory Driver:** CERCLA

**RIP Date:** 3/31/2027

**RC Date:** 3/31/2027

**RC Reason:** Not assigned

**SC Date:** 9/30/2056

**Program:** ENV Restoration, Army

**Subprogram:** IR

**NPL Status:** No

**Hazardous Ranking Score:** 0

**RRSE:** Not Evaluated

**MRSPP:** N/A

Phase	Start	End
PA:	1/18/1994	5/27/1994
SI:	4/30/1998	8/31/1998
RI/FS:	3/31/2011	3/31/2026
RD:	4/1/2026	9/30/2026
IRA:	8/1/2020	9/30/2021
RA(C):	10/1/2026	3/31/2027
RA(O):	--	--
LTM:	4/1/2027	9/30/2056

**Site Narrative:** The Burn Pits site was first identified in a 1994 PA and investigated further in a 1998 RRSE by USACHPPM. Two burn pits are adjacent to each other, separated by a 15-foot-high soil berm. The larger pit is approximately 100 ft wide by 150 ft long. The smaller pit is approximately 75 ft wide by 100 ft long. The two burn pits are adjacent to the Tassajara Landfill. An RI of the Burn Pits was performed in 2012 for chemicals potentially present in soil and groundwater. Shallow groundwater is more than 25 ft below ground surface (bgs) while the drinking water aquifer is 100 to 800 ft bgs. The RRSE report indicates no connection between the shallow groundwater and the drinking water aquifer due to low permeability clay. The risk assessment in the RI report indicated that chemical concentrations in soil exceeded acceptable levels for residents, commercial/industrial workers and construction workers. In February 2015, an FS was created and indicated Alternative 3 (excavation and off-site disposal) as the preferred action. Based on the proposed remedy from the FS, in fiscal year (FY)00 the US Army Environmental Command (USAEC) and the US Army Corps of Engineers (USACE) excavated 32,000 cubic yards of impacted soil ash-waste and debris and the excavated material was transported to and disposed at a permitted landfill. A waste characterization task completed in September 2015 collected additional data to support the excavation task. Following the soil excavation, confirmation samples were collected to confirm that the remedial action objectives were met. This remedial action was executed as a non-time critical removal action pursuant to Comprehensive Environmental Response Compensation and Liability Act of 1980 (CERCLA) as amended by the Superfund Amendment and Reauthorization Act (SARA) of 1986. Cleanup/Exit Strategy - A revised FS is needed to capture results of the non-time critical removal action/remedial action completion report (RACR), along with a new PP. A new contract has been acquired and work has begun as of Jan. 8, 2024. It is expected that some activities such as land use control implementation plan (LUCIP) will be shared with adjacent site PRFTA-01 (06685.1014) and reflect as a remedial action (construction) (RA(C)) followed by long-term management (LTM).

## 06685.1039\_PRFTA-PFAS\_PFAS

**Env Site ID:** PRFTA-PFAS

**Cleanup Site:** PFAS

**Alias:** #

**Regulatory Driver:** CERCLA

**RIP Date:** 12/1/2029

**RC Date:** 12/1/2029

**RC Reason:** Not assigned

**SC Date:** 12/2/2029

**Program:** ENV Restoration, Army

**Subprogram:** IR

**NPL Status:** No

**Hazardous Ranking Score:** 0

**RRSE:**

**MRSPP:** N/A

Phase	Start	End
PA:	9/30/2017	9/27/2018
SI:	9/28/2018	9/30/2022
RI/FS:	10/1/2022	12/1/2029
RD:	--	--
IRA:	--	--
RA(C):	--	--
RA(O):	--	--
LTM:	--	--

**Site Narrative:** Per direction from Deputy Chief of Staff G-9, this site was created to account for all per- and polyfluoroalkyl substances (PFAS) sites at the installation. The PA/Site Inspection (SI) identified three areas of potential interest (AOPI); two of the three AOPIs had concentrations greater than risk-based screening levels. A CERCLA RI is now in progress.

## **SITE SUMMARY**

## SITE CLOSEOUT SUMMARY

CRL ID	Site Name	Site Closeout Date
06685.1001	PARKS3_ FORMER OIL DRUM STORAGE AREA	8/15/2006
06685.1002	PARKS5_ FIRE TRAINING AREA	9/15/2005
06685.1003	PARKS7_ DRUM DISPOSAL SITE	3/31/2010
06685.1004	PRFTA-01_ TASSAJARA FLOOD PLAIN DISPOSAL	6/30/2000
06685.1005	PRFTA-02_ B-109 INCINERATOR	6/21/2018
06685.1006	PRFTA-03_ B-791 REFUELING AREA	1/15/2010
06685.1007	PRFTA-13_ BLDG 761 FORMER FUEL AST	9/15/2019
06685.1015	CCPRFTSCDB_ SE Corner of Dublin Crossing	1/15/2012
06685.1016	CCEVANS00N_ Evan Avenue 319 signal Corp P	1/31/2010
06685.1019	CCPARKS 1_ Chemical Burn Area	2/28/2013
06685.1020	CCPARKS 6_ Davilla Dam Disposal Piles	2/28/2013
06685.1008	PRFTA-003-R-01_ EASTERN RIFLE RANGE	9/30/2008
06685.1009	PRFTA-004-R-01_ MORTAR RANGE	9/30/2008
06685.1010	PRFTA-002-R-01_ CANTONMENT AREA MOUT	9/30/2008
06685.1011	PRFTA-001-R-01_ ARTILLERY SIMULATOR BOX	9/30/2008
06685.1012	PRFTA-005-R-01_ Machine Gun Range	9/30/2008
06685.1013	PRFTA-006-R-01_ Rifle Range	9/30/2008
06685.1017	PRFTA-007-R-01_ Area B Small Arms Ranges	5/24/2017
06685.1031	CC636FIRES_ Former Fire Station	10/31/2011
06685.1032	CC888GS00N_ Building 888 Gas Station	3/31/2009
06685.1033	CCECS3000N_ Corrective Action ECS-30	3/31/2006
06685.1034	CCEVANS00N_ Evan Avenue 319 signal Corp P	10/31/2009
06685.1035	CCFIRETOON_ Fire Training Area	3/31/2006
06685.1036	CCPRFT7814_ Former Building 781-784	3/31/2006
06685.1037	CCPRFTB132_ Former Building 132	9/30/2006
06685.1038	CCPRFTB790_ Former Drum Storage Area	9/30/2006

## COMMUNITY INVOLVEMENT

<b>Community Involvement Plan (Date Last Reviewed):</b>	5/15/2018
<b>Technical Review Committee Establishment Date:</b>	N/A
<b>Restoration Advisory Board (RAB) Establishment Date:</b>	N/A
<b>RAB Adjournment Date:</b>	N/A
<b>RAB Adjournment Reason:</b>	N/A
<b>Reasons for Not Establishing RAB:</b>	No sufficient, sustained community interest in a RAB has been expressed by the community
<b>RAB Date of Solicitation from Community:</b>	4/5/2019
<b>RAB Results of Solicitation:</b>	N/A
<b>Current Technical Assistance for Public Participation (TAPP):</b>	N/A
<b>TAPP Title:</b>	N/A
<b>Potential TAPP:</b>	N/A
<b>Administrative Record Location:</b>	Camp Parks DPW Office, Bldg 791, 5th Street, Dublin, CA 94568
<b>Information Repository Location:</b>	Alameda County Dublin Library 200 Civic Plaza, Dublin, CA 94568

## FIVE-YEAR / PERIODIC REVIEW SUMMARY

Status	Review Type	Start Date	End Date	Plans Narrative	Actions Narrative	Results Narrative
Completed	FYR	04/11/2017	06/11/2017	The remedy is protective of human health and the environment because remedial activities are complete, remedial action objectives have been achieved, and land use controls are in place and effective.	The remedy is protective of human health and the environment because remedial activities are complete, remedial action objectives have been achieved, and land use controls are in place and effective.	The remedy is protective of human health and the environment because remedial activities are complete, remedial action objectives have been achieved, and land use controls are in place and effective.
Planned	FYR	N/A	N/A	N/A	N/A	N/A