

# **CAMP MACKALL**

Army Cleanup Program

Final

September 2022

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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:** CAMP MACKALL

**Installation City:** FORT BRAGG

**Installation County:** Richmond, Scotland

**Installation State:** North Carolina

**Regulatory Participation - Federal:** US Environmental Protection Agency (USEPA), Region IV

**Regulatory Participation - State:** North Carolina Department of Environmental Quality (NCDEQ)

## ACRONYMS

Acronym	Definition
CC	Compliance-Related Cleanup
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act of 1980
ENV	Environmental
FS	Feasibility Study
HQAES	Headquarters Army Environmental System
IR	Installation Restoration
IRA	Interim Remedial Action
LTM	Long-Term Management
LUC	Land Use Control
MR	Munitions Response
MRSPP	Munitions Response Site Prioritization Protocol
PA	Preliminary Assessment
PFAS	Per- and Polyfluoroalkyl Substances
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
RRSE	Relative Risk Site Evaluation
SI	Site Inspection

## PHASE TRANSLATION TABLE

HQAES Phase ID	CERCLA Phase	RCRA Phase	RCRA UST Phase
.01	Preliminary Assessment (PA)	RCRA Facility Assessment (RFA)	Initial Site Characterization (ISC)
.02	Site Inspection (SI)	Confirmation Sampling (CS)	Investigation (INV)
.03	Remedial Investigation/ Feasibility Study (RI/FS)	RCRA Facility Investigation/Corrective Measures Study (RFI/CMS)	Corrective Action Plan (CAP)
.04	Remedial Design (RD)	Design (DES)	Design (DES)
.05	Interim Remedial Action (IRA)	Interim Measure (IM)	Interim Remedial Action (IRA)
.06	Remedial Action (Construction) (RA(C))	Corrective Measures Implementation (Construction) (CMI(C))	Implementation (Construction) (IMP(C))
.07	Remedial Action (Operations) (RA(O))	Corrective Measures Implementation (Operations) (CMI(O))	Implementation (Operations) (IMP(O))
.08	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: 0/1**

**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



**2471A.1026**

**Legacy ID:** CPMKL-PFAS\_PFAS

**Alias:** #

**Regulatory Driver:** CERCLA

**RIP Date:** 6/30/2022

**RC Date:** 6/30/2022

**RC Reason:** Not assigned

**Program:** ENV Restoration, Army

**Subprogram:** IR

**NPL Status:** No

**Hazardous Ranking Score:** N/A

**RRSE:**

**MRSPP:** N/A

<b>Phase</b>	<b>Start</b>	<b>End</b>
<b>PA:</b>	9/30/2017	9/27/2018
<b>SI:</b>	9/28/2018	6/30/2022
<b>RI/FS:</b>	--	--
<b>RD:</b>	--	--
<b>IRA:</b>	--	--
<b>RA(C):</b>	--	--
<b>RA(O):</b>	--	--
<b>LTM:</b>	--	--

**Site Narrative:** Per direction from Deputy Chief of Staff G-9, the site was created to account for all per- and polyfluoroalkyl substances (PFAS) costs at the installation. A Preliminary Assessment (PA) / Site Inspection (SI) was conducted to identify all releases of PFAS to the environment, but no PFAS contamination was confirmed. For this reason, there will be no study phase.

## SITE SUMMARY

## SITE CLOSEOUT SUMMARY

HQAES ID	Site ID	Site Closeout Date
2471A.1001	CPMKL-008-R-01_GLIDER LANDING FIELD	5/1/2003
2471A.1002	CPMKL-003-R-01_DROP ZONE SITE #1	5/1/2003
2471A.1003	CPMKL-016-R-01_MORTAR RANGE #1	5/1/2003
2471A.1004	CPMKL-017-R-01_MORTAR RANGE #2	5/15/2003
2471A.1005	CPMKL-005-R-01_FIELD TARGET RANGES AREA	5/1/2003
2471A.1006	CPMKL-018-R-01_MOVING TARGET RANGE	5/1/2003
2471A.1007	CPMKL-001-R-01_ANTIAIRCRAFT TOWED TARGET	5/1/2003
2471A.1008	CPMKL-019-R-01_NAZI VILLAGE COMBAT AREA	5/1/2003
2471A.1009	CPMKL-007-R-01_FORTIFIED MOCKUP COMBAT A	5/1/2003
2471A.1010	CPMKL-012-R-01_MACHINE GUN RANGE #1	5/1/2003
2471A.1011	CPMKL-013-R-01_MACHINE GUN RANGE #2	5/1/2003
2471A.1012	CPMKL-010-R-01_LANDSCAPE RANGE	5/1/2003
2471A.1013	CPMKL-020-R-01_PISTOL RANGE	5/1/2003
2471A.1014	CPMKL-002-R-01_ANTITANK RANGE	5/1/2003
2471A.1015	CPMKL-009-R-01_KNOWN DISTANCE RANGE	5/1/2003
2471A.1016	CPMKL-021-R-01_SUBMACHINE GUN RANGE	5/1/2003
2471A.1017	CPMKL-015-R-01_MINIATURE ANTI-AIRCRAFT RA	5/1/2003
2471A.1018	CPMKL-014-R-01_MANEUVER AREAS	5/1/2003
2471A.1019	CPMKL-006-R-01_FORMER PERMANENT SAWMILL	5/1/2003
2471A.1020	CPMKL-011-R-01_LIVE GRENADE COURT SITE	5/1/2003
2471A.1021	CPMKL-004-R-01_DROP ZONE SITE #2	5/1/2003
2471A.1022	CPMKL-022-R-01_UXO SITE #1	5/1/2003
2471A.1023	CPMKL-023-R-01_UXO SITE #2	5/1/2003
2471A.1024	CPMKL-024-R-01_UXO SITE #3	5/1/2003
2471A.1025	CPMKL-025-R-01_UXO SITE #4	5/1/2003

## COMMUNITY INVOLVEMENT

<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>	Lack of Community Interest
<b>RAB Date of Solicitation from Community:</b>	January 2020
<b>RAB Results of Solicitation:</b>	No response from community to solicitation
<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>	Cumberland County Library
<b>Information Repository Location:</b>	Cumberland County Library
<b>Community Involvement Plan (Date Published):</b>	May 2018

## FIVE-YEAR / PERIODIC REVIEW SUMMARY

Status	Start Date	End Date	Plans Narrative	Actions Narrative	Results Narrative
N/A	N/A	N/A	N/A	N/A	N/A