

# **USARC DURHAM**

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:** USARC DURHAM

**Installation City:** Durham

**Installation County:** Durham

**Installation State:** North Carolina

**Regulatory Participation - Federal:** N/A

**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
CRL	Cleanup Restoration & Liabilities
CWA	Clean Water Act
ECP	Environmental Condition of Property
ENV	Environmental
FS	Feasibility Study
FYR	Five-Year Review
HRS	Hazard Ranking Score
IAP	Installation Action Plan
IR	Installation Restoration
IRA	Interim Remedial Action
LTM	Long-Term Management
MR	Munitions Response
MRSP	Munitions Response Site Prioritization Protocol
NCDEQ	North Carolina Department of Environmental Quality
NPL	National Priorities List
PA	Preliminary Assessment
PR	Periodic Review
RAB	Restoration Advisory Board
RA(C)	Remedial Action (Construction)
RA(O)	Remedial Action (Operations)
RC	Response Complete
RD	Remedial Design
RI	Remedial Investigation
RIP	Remedy-In-Place
RRSE	Relative Risk Site Evaluation
SC	Site Closeout
SI	Site Inspection
TAPP	Technical Assistance for Public Participation
USAR	US Army Reserve
UST	Underground Storage Tank

## 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: 0/1**

**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



## 1557A.1002\_SITE 02\_WASHRACK

**Env Site ID:** SITE 02

**Cleanup Site:** WASHRACK

**Alias:** SITE 02

**Regulatory Driver:** CWA

**RIP Date:** 2/28/2025

**RC Date:** 2/28/2025

**RC Reason:** Not assigned

**SC Date:** 3/1/2025

**Program:** ENV Restoration, Army

**Subprogram:** IR

**NPL Status:** No

**Hazardous Ranking Score:** 0

**RRSE:**

**MRSPP:** N/A

Phase	Start	End
PA:	9/30/1998	9/30/1998
SI:	9/5/2018	1/15/2019
RI/FS:	9/1/2020	2/28/2025
RD:	--	--
IRA:	--	--
RA(C):	--	--
RA(O):	--	--
LTM:	--	--

**Site Narrative:** The US Army Reserve (USAR) has owned the Durham Facility NC011 since 1957. The property consists of approximately 5.45 acres of land formerly used for military training and vehicle maintenance. More recently the USAR identified the property for disposal. Therefore, an environmental condition of property (ECP) evaluation was performed for site disposal. The ECP determined that prior to acquisition by the Army, the site was used for a municipal incinerator. A deposit of fly ash is reportedly buried under the existing military equipment parking area. Additional site assessment was performed for real property disposal purposes resulting in the North Carolina Department of Environmental Quality (NCDEQ) advising the command that there was evidence of an underground storage tank (UST) on site. The command responded that there was no such evidence of a UST but that USAR would proceed with environmental restoration of the contamination under the Comprehensive Environmental Response Compensation and Liability Act of 1980. The Army Reserve 81st Readiness Division command compiled the documentation required to request Defense Environmental Restoration Program eligibility in order to conduct site restoration as established in Memorandum Office of the Assistant Chief of Staff for Installation Management Feb. 12, 2019, subject- Defense Environmental Restoration Program Eligibility and New Site Submission Process Guidance. The ECP report meets the US Department of the Army's requirement to assess, determine, and document the environmental condition of transferable property in an ECP report. Therefore, the ECP report collected reliable information to determine the property's suitability for disposal in accordance with Army Regulation 200-1 Environmental Protection and Enhancement. The ECP report discovered no UST, but concluded that the property was occupied by an incinerator, possibly operated by the City of Durham. According to chain-of-title documents, the property was purchased from the "City of Durham a Municipal Corporation" on March 26, 1957. In addition, historical Sanborn maps dated 1937 and 1950 depict a structure labeled "incinerator" in the northern portion of the property. The amount and nature of the materials that were incinerated and the ash disposal process used at the time are unknown. The area of the historical incinerator on the property is classified as a Property Area Type 7 which is defined as "an area or parcel of real property that is unevaluated or requires additional evaluation." This classification is based on the presence of the

historical incinerator on the property that is unevaluated. Therefore, the potential exists for subsurface impacts to soil and/or groundwater. Future activities are the forthcoming Remedial Investigation (RI) of the property focusing primarily on the deposits from the operation of the City of Durham's incinerator. Future actions will be determined at the end of the RI/Feasibility Study (FS) phase. NCDEQ was present during site investigation and will review the final report.

## SITE SUMMARY

## SITE CLOSEOUT SUMMARY

CRL ID	Site Name	Site Closeout Date
1557A.1001	SITE 01_WASTE OIL STORAGE	1/15/2020
1557A.1003	SITE 03_MUNICIPAL LANDFILL	1/15/2019

## COMMUNITY INVOLVEMENT

<b>Community Involvement Plan (Date Last Reviewed):</b>	N/A
<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>	There are no outstanding cleanup issues or activities.
<b>RAB Date of Solicitation from Community:</b>	N/A
<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>	N/A
<b>Information Repository Location:</b>	N/A

## FIVE-YEAR / PERIODIC REVIEW SUMMARY

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