

USARC CAVEN POINT

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

1369A.1015_CCNJ008002_AST Spill Remediation action 10

SITE SUMMARY 12

SITE CLOSEOUT SUMMARY 13

COMMUNITY INVOLVEMENT 14

FIVE-YEAR / PERIODIC REVIEW SUMMARY 15

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 CAVEN POINT

Installation City: Jersey City

Installation County: Hudson County

Installation State: New Jersey

Regulatory Participation - Federal: N/A

Regulatory Participation - State: New Jersey Department of the Environmental Protection (NJDEP)

ACRONYMS

Acronym	Definition
AOC	Area of Concern
AST	Aboveground Storage Tank
CAP	Corrective Action Plan
CC	Compliance-related Cleanup
CRL	Cleanup Restoration & Liabilities
DES	Design
ENV	Environmental
GWQC	Groundwater Quality Criteria
HRS	Hazard Ranking Score
IAP	Installation Action Plan
ID	Identification
IMP(C)	Implementation (Construction)
IMP(O)	Implementation (Operations)
INV	Investigation
IR	Installation Restoration
IRA	Interim Remedial Action
ISC	Initial Site Characterization
LTM	Long-Term Management
MDL	McGuire-Dix-Lakehurst
MR	Munitions Response
MRSPP	Munitions Response Site Prioritization Protocol
NJDEP	New Jersey Department of Environmental Protection
NPL	National Priorities List
RA	Remedial Action
RAB	Restoration Advisory Board
RAWP	Remedial Action Work Plan
RC	Response Complete
RCRA	Resource Conservation and Recovery Act
RIP	Remedy-in-Place
RIR	Remedial Investigation Report
RRSE	Relative Risk Site Evaluation
SC	Site Closeout
TAPP	Technical Assistance for Public Participation
USARC	US Army Reserve Center
USEPA	US Environmental Protection Agency

Acronym	Definition
UST	Underground Storage Tank
ug/L	micrograms per liter

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

1369A.1015_CCNJ008002_AST Spill Remediation action

Env Site ID: CCNJ008002

Cleanup Site: AST Spill Remediation action

Alias: CANV00ASTR

Regulatory Driver: RCRA-I

RIP Date: 10/15/2010

RC Date: 12/15/2025

RC Reason: Not assigned

SC Date: 12/16/2025

Program: ENV Restoration, Army

Subprogram: IR

NPL Status: No

Hazardous Ranking Score: 0

RRSE: Not Evaluated

MRSPP: N/A

Phase	Start	End
ISC:	1/15/2001	8/15/2001
INV:	8/15/2004	6/15/2005
CAP:	10/15/2009	9/15/2010
DES:	--	--
IRA:	1/15/2002	11/15/2002
IMP(C):	6/15/2009	9/15/2010
IMP(O):	10/15/2010	12/15/2025
LTM:	--	--

Site Narrative: The Caven Point United States Army Reserve Center (USARC) is located in Hudson County, New Jersey and consists of an area of approximately 24 acres. Between 1940 and 1943, the property was developed using material dredged from the Upper New York Bay. The property remained vacant until the mid-1950s, when it was developed as a USARC training center and motor pool. The site is currently occupied by Army Reserve units under the 99th Readiness Division. Based on the current land use and the surrounding area, future use of the site is anticipated to remain commercial/industrial. Environmental investigations were conducted from 1995 to 2009. The USARC previously entered into a memorandum of agreement with the New Jersey Department of Environmental Protection (NJDEP) to conduct remedial investigations (RI), remedial actions (RA), and prepare a RA report. Site investigations and RAs performed from 1995 to 2009 identified nine soil areas of concern (AOC) at the property and delineated impacted soil in each of the nine AOCs. Arsenic was detected above the NJDEP Groundwater Quality Criteria (GWQC) in three monitoring wells at AOC 4, but concentrations were attributed to historic fill and determined not to be a result of on-site activities. An interim removal action was conducted in 2002 involving impacted soil and groundwater disposal associated with leaking above ground storage tank pipes. During 2009, 82,693 tons of impacted soil was removed from the nine AOCs. The excavated areas within each AOC were backfilled with clean fill and restored to their original conditions, to the extent possible. A 2010 remedial investigation report (RIR)/remedial action work plan (RAWP), documented activities associated with the remediation of the soil at the property. Following the submission of the RIR/RAWP to NJDEP, all subsequent remedial activities performed at the installation have been in accordance with NJDEP technical requirements for site remediation as defined in the New Jersey Administrative Code 7-26E. Soil impacted by historic USARC operations has been remediated by excavation at the site and an unrestricted response action outcome was filed with NJDEP in 2012. Removal of impacted soils contributing to benzene in the groundwater near Building 204 (identified as AOC 4) was completed and benzene impacted groundwater at AOC 4 delineated. Groundwater contamination at AOC 4 is constrained to one constituent, benzene, at one well 204-MW3, at the edge of the property and migration to downgradient locations is not occurring. A request for the issuance of an

indeterminate groundwater classification area from NJDEP was submitted in October 2013 and rejected due to NJDEP requesting the Army perform additional groundwater sampling at well 204-MW3 only. Routine monitoring and analysis of groundwater collected from well 204-MW3 was performed until such time benzene concentrations were recorded less than NJDEP GWQC. Monitoring well 204-MW3 was sampled over nine quarterly events conducted from October 2010 to June 2013. The groundwater sample findings were submitted on October 2013 to NJDEP. The RIR/RAWP summary document concluded groundwater contamination at AOC 4 is limited to benzene at monitoring well 204-MW3 and migration is not occurring. The other wells located in AOC 4 were abandoned in September 2012. From 2014 to 2016, Installation Restoration Program actions at this site were suspended until contract services for the performance of monitoring and reporting was secured. In December 2016, a groundwater sample was collected from monitoring well 204-MW3 using US Environmental Protection Agency (USEPA) Method 8260C. The results of the groundwater analysis for benzene were recorded as non-detect (<0.5 micrograms per liter (ug/L)). Per NJDEP guidance, an additional sampling event was performed at least 60 days following the initial event. In March 2017, the second round of groundwater sampling was performed at monitoring well 204-MW3. Benzene was not detected during the sampling event. Results of the December 2016 and March 2017, groundwater samples collected from monitoring well 204-MW3 indicate benzene concentrations are below the NJDEP GWQC of 1 ug/L. Restoration/Cleanup Strategy - removal of impacted soil has been completed. Benzene concentrations are below the NJDEP GWQC of 1 ug/L at monitoring well 204-MW3. An RA report for groundwater was prepared in August 2017 and submitted to the NJDEP along with the submission of unrestricted response action outcome forms. Following correction of administrative errors, the previous response action outcome forms were withdrawn and revised response action outcome forms for limited restricted use (with permit requirements) were submitted to NJDEP on March 2, 2021. This limited restricted response action outcome indicates groundwater contamination (specifically arsenic) due to historic fill at this site exists above groundwater quality standards; however, NJDEP will maintain the classification exception area and a RA permit for this contamination is not required. No further action is anticipated.

SITE SUMMARY

SITE CLOSEOUT SUMMARY

CRL ID	Site Name	Site Closeout Date
1369A.1001	SITE 01_FUEL OIL AST	3/31/1989
1369A.1002	SITE 02_FUEL OIL UST	3/31/1989
1369A.1003	SITE 03_VEHICLE WASH RACK	3/31/1989
1369A.1004	SITE 04_PARTS CLEANER	3/31/1989
1369A.1005	SITE 05_FLAMMABLES STORAGE AREA	3/31/1989
1369A.1006	SITE 06_FUEL OIL AST	1/31/1989
1369A.1007	SITE 07_WASTE OIL AST	3/31/1989
1369A.1008	SITE 08_FUEL OIL AST	1/31/1989
1369A.1009	SITE 09_FUEL OIL AST	1/31/1989
1369A.1010	SITE 10_FUEL OIL AST	1/31/1989
1369A.1011	SITE 11_FUEL OIL AST	1/31/1989
1369A.1012	SITE 12_FUEL OIL AST	1/31/1989
1369A.1013	SITE 13_INCINERATOR	3/31/1989
1369A.1014	SITE 14_FENCELINE ASSESSMENT - JERSEY CI	9/30/2002
1369A.1016	CCNJ008001_Contaminated Site	12/31/2010

COMMUNITY INVOLVEMENT

Community Involvement Plan (Date Last Reviewed):	N/A
Technical Review Committee Establishment Date:	N/A
Restoration Advisory Board (RAB) Establishment Date:	N/A
RAB Adjournment Date:	N/A
RAB Adjournment Reason:	N/A
Reasons for Not Establishing RAB:	TRC Operating (no RAB by choice)
RAB Date of Solicitation from Community:	N/A
RAB Results of Solicitation:	N/A
Current Technical Assistance for Public Participation (TAPP):	N/A
TAPP Title:	N/A
Potential TAPP:	N/A
Administrative Record Location:	Headquarters 99th Readiness Division, 5231 South Scott Plaza, Joint Base McGuire-Dix-Lakehurst (MDL), New Jersey
Information Repository Location:	Headquarters 99th Readiness Division, 5231 South Scott Plaza, Joint Base MDL, New Jersey

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