

AFRC FORT WADSWORTH

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: AFRC FORT WADSWORTH

Installation City: Rochester

Installation County: Monroe

Installation State: New York

Regulatory Participation - Federal: N/A

Regulatory Participation - State: New York State Department of Environmental Conservation (NYSDEC)

ACRONYMS

Acronym	Definition
CC	Compliance-related Cleanup
CMS	Corrective Measures Study
CRL	Cleanup Restoration & Liabilities
CS	Confirmation Sampling
DES	Design
ENV	Environmental
HRS	Hazard Ranking Score
IAP	Installation Action Plan
ID	Identification
IR	Installation Restoration
IRA	Interim Remedial Action
LTM	Long-Term Management
MDL	McGuire-Dix-Lakehurst
MR	Munitions Response
MRSP	Munitions Response Site Prioritization Protocol
NPL	National Priorities List
NYSDEC	New York State Department of Environmental Conservation
OMS	Organizational Maintenance Shop
OWS	Oil Water Separator
PR	Periodic Review
RAB	Restoration Advisory Board
RC	Response Complete
RCRA	Resource Conservation and Recovery Act
RFA	RCRA Facility Assessment
RFI	RCRA Facility Investigation
RIP	Remedy-in-Place
RRSE	Relative Risk Site Evaluation
SC	Site Closeout
SGMP	Soil and Groundwater Management Plan
SVI	Soil Vapor Intrusion
SVOC	Semi-Volatile Organic Compound
TAPP	Technical Assistance for Public Participation
USARC	US Army Reserve Center
UST	Underground Storage Tank
VOC	Volatile Organic Compound

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

1413A.1001_SITE 01_#2 FUEL OIL UST

Env Site ID: SITE 01

Cleanup Site: #2 FUEL OIL UST

Alias: SITE 01

Regulatory Driver: RCRA-I

RIP Date: 10/15/2025

RC Date: 10/15/2025

RC Reason: Not assigned

SC Date: 9/30/2055

Program: ENV Restoration, Army

Subprogram: IR

NPL Status: No

Hazardous Ranking Score: 0

RRSE: Not Evaluated

MRSPP: N/A

Phase	Start	End
ISC:	1/15/1989	1/15/1994
INV:	3/15/2014	10/15/2018
CAP:	10/15/2018	10/15/2025
DES:	5/15/2019	10/15/2025
IRA:	--	--
IMP(C):	5/15/2019	10/15/2025
IMP(O):	--	--
LTM:	10/15/2025	9/30/2055

Site Narrative: The James W. Wadsworth US Army Reserve Center (USARC), constructed in 1955, used three underground storage tanks (UST), a 550-gallon waste oil UST, a 15,000-gallon fuel oil UST, and a 2,000-gallon fuel oil UST. The 550-gallon waste oil UST was located southeast of the organizational maintenance shop (OMS) and was associated with a washrack and oil/water separator (OWS). The former 550-gallon waste oil UST and associated washrack and OWS were installed in the 1980s and removed in 1999. A UST closure report concluded that analytical soil data indicated petroleum concentrations were above the New York State Department of Environmental Conservation (NYSDEC) Technical and Guidance Memorandum 4046 recommended soil cleanup objectives, but still recommended no further action. The 550-gallon waste oil UST spill incident was closed by the NYSDEC on Feb. 5, 2004. The 15,000-gallon fuel oil UST was located west of the administration building and was installed in 1955. Site construction in 1979 included expansion of the administration building to the west, effectively enclosing the 15,000-gallon UST into an open space with walls on three sides. A USARC letter to the NYSDEC dated August 20 stated the 15,000-gallon UST had been permanently abandoned in place on May 18, 1988, and filled with a concrete slurry. The 2,000-gallon fuel oil UST was located southwest of the OMS building. The installation and removal dates of the UST are unknown, but removal is believed to have occurred during the 1988 site renovations. A limited site investigation began in 2014 to confirm the presence or absence of petroleum contamination in soil and groundwater associated with the 15,000-gallon and 2,000-gallon USTs. Soil and groundwater samples were analyzed for diesel range organics in accordance with NYDSEC. The results suggested that fuel oil may have been released from both UST locations and that soil was impacted at both areas, as well as groundwater near the 15,000-gallon UST. A spill report was subsequently filed with NYSDEC Region 8 on Nov. 10, 2015 (#1508372) by the Department of the Army. Investigation work was performed in December 2016 and August 2017. Soil analytical results indicated detections of volatile organic compounds (VOC) and semi-volatile organic compound (SVOC) limited to fuel oil related compounds at concentrations exceeding NYSDEC CP-51 in two soil samples collected. Concentrations in soil above applicable criteria were observed from approximately five to nine feet below ground surface (above groundwater), near the 15,000-gallon

abandoned UST. Soil exceeding applicable NYSDEC criteria are completely delineated vertically and horizontally indicating that the contamination is not migrating. All constituents in soil samples collected at the former 2,000-gallon UST location during the December 2016 sampling event were below applicable criteria. Therefore, there is no indication of impacts in the area of the former 2,000-gallon UST. Groundwater analytical results indicated detections of VOCs and SVOCs at concentrations exceeding NYSDEC criteria in one groundwater sample collected from monitoring well-04, located at the northeastern corner of the abandoned 15,000-gallon UST in December 2016. The other four monitoring wells were either non-detect or below criteria. Based upon the analytical results, NYSDEC required a soil and groundwater management plan (SGMP) be developed for the site. Cleanup Strategy- an SGMP was approved by NYSDEC in August 2019. engineering controls will be maintained that require evaluation of soil vapor intrusion (SVI), and mitigation of any potential SVI impacts that are identified, prior to the construction of any enclosed structures on the site. Institutional controls will also be required to ensure future activities align with commercial or industrial use and prohibit groundwater use for drinking water purposes and testing/approval by the Monroe County Health Director for other water supplies, wells or springs used for cooling and washing purposes where food is prepared or sold for human consumption. A decision document memorandum for record is being developed to document the Army's concurrence with the SGMP (land use controls). Since an SGMP is required, the Army will maintain land use controls with 99th Readiness Division staff and conduct periodic remedy reviews indefinitely or until the property is transferred. The Army plans to dispose of the property. Upon property disposal, the Army will notify NYSDEC and the requirements of the SGMP will be conveyed to the future property owner through related deed or lease provisions.

SITE SUMMARY

SITE CLOSEOUT SUMMARY

CRL ID	Site Name	Site Closeout Date
1413A.1002	SITE 02_ DRUM STORAGE AREA	1/31/1994
1413A.1003	SITE 03_ FLAMMABLES STORAGE ROOM	1/31/1994
1413A.1004	SITE 04_ VEHICLE WASH RACK	1/31/1994
1413A.1005	SITE 05_ TRANSFORMER	1/31/1994
1413A.1006	SITE 06_ #2 FUEL OIL UST	1/31/1994

COMMUNITY INVOLVEMENT

Community Involvement Plan (Date Last Reviewed):	3/1/2016
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:	No sufficient, sustained community interest in a RAB has been expressed by the community
RAB Date of Solicitation from Community:	August 2014
RAB Results of Solicitation:	Insufficient community interest in a RAB.
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:	WASHINGTON AVENUE BRANCH OF THE ALBANY PUBLIC LIBRARY SYSTEM, ALBANY, NEW YORK

FIVE-YEAR / PERIODIC REVIEW SUMMARY

Status	Review Type	Start Date	End Date	Plans Narrative	Actions Narrative	Results Narrative
Future	PR	10/15/2027	10/15/2028	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A