

AFRC ALBANY

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

1379A.1004_SITE 4_VEHICLE WASH RACK & O/W SEP 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: AFRC ALBANY

Installation City: Albany

Installation County: Albany

Installation State: New York

Regulatory Participation - Federal: USEPA

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

ACRONYMS

Acronym	Definition
AFRC	Armed Forces Reserve Center
CC	Compliance-related Cleanup
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act of 1980
CRL	Cleanup Restoration & Liabilities
ENV	Environmental
FS	Feasibility Study
HRS	Hazard Ranking Score
IAP	Installation Action Plan
ID	Identification
IR	Installation Restoration
IRA	Interim Remedial Action
LTM	Long-Term Management
MCL	Maximum Contaminant Level
MDL	McGuire-Dix-Lakehurst
MR	Munitions Response
MRSPP	Munitions Response Site Prioritization Protocol
NPL	National Priorities List
NY	New York
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
O&M	Operations and Maintenance
OWS	Oil/Water Separator
PA	Preliminary Assessment
PCE	Tetrachloroethene
RA	Remedial Action
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
RSL	Regional Screening Level
SC	Site Closeout

Acronym	Definition
SDWA	Safe Drinking Water Act
SI	Site Inspection
SVOC	Semi-Volatile Organic Compound
TAPP	Technical Assistance for Public Participation
USEPA	US Environmental Protection Agency
VI	Vapor Intrusion
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

1379A.1004_SITE 4_VEHICLE WASH RACK & O/W SEP

Env Site ID: SITE 4

Cleanup Site: VEHICLE WASH RACK & O/W SEP

Alias: SITE 4

Regulatory Driver: CERCLA

RIP Date: 10/15/2024

RC Date: 10/15/2024

RC Reason: Not assigned

SC Date: 10/16/2024

Program: ENV Restoration, Army

Subprogram: IR

NPL Status: No

Hazardous Ranking Score: 0

RRSE: Low

MRSPP: N/A

Phase	Start	End
PA:	4/15/1998	1/15/2003
SI:	5/15/2004	1/15/2013
RI/FS:	2/15/2013	10/15/2024
RD:	--	--
IRA:	10/15/2005	2/15/2006
RA(C):	--	--
RA(O):	--	--
LTM:	--	--

Site Narrative: The O'Donovan Armed Forces Reserve Center (AFRC) is located on a 3.25-acre parcel in Albany, New York. The AFRC began in the 1950s and contains separate US Army Reserve and US Naval Reserve/Marine Corps Reserve centers. Light vehicle and equipment maintenance and repairs were conducted onsite in the operations and maintenance (O&M) building, and vehicles were cleaned on the former washrack. Vehicle servicing, maintenance, and washing ceased in the 1990s. The AFRC is zoned for commercial use and is currently vacant. The reasonably anticipated future land use is commercial/industrial. AFRC Albany Site 4 is defined as the former vehicle washrack and oil/water separator (OWS) system that was located in the area immediately northeast of the O&M building. Site 4 was initially assessed in 1998 by the US Geological Survey, during which a sheen was discovered on the surface of groundwater at approximately five feet below ground surface and diesel range organics and gasoline range organics were detected in soil. The site was reported to New York State Department of Environmental Conservation (NYSDEC) and assigned spill number 984671. An investigation was conducted in 1999 and petroleum-related volatile organic compounds (VOC) and semi-volatile organic compounds (SVOC) were detected in soil and groundwater. The OWS system and former washrack closure activities were initiated in 1999. In 2002, the US Environmental Protection Agency (USEPA) requested a preliminary assessment (PA) be performed. The PA was completed in 2003 and a focused site inspection (SI) was completed in 2004. A limited soil excavation remedial action (RA) was implemented in October 2005, with approximately 75 tons of soil excavated from the area of the OWS and former washrack and disposed of at an offsite facility. Excavation was not conducted along the OWS eastern sidewall due to the presence of a buried high voltage electrical conduit. Post-excavation soil results indicated that no VOCs or SVOCs were detected above USEPA residential, or industrial soil regional screening levels (RSL), and the excavated area was backfilled with clean fill (sand). Following the 2006 soil removal report, USEPA recommended further soil and groundwater sampling as well as a vapor intrusion (VI) study in the parking lot and in the buildings on-site. In 2011, additional soil and groundwater samples were taken along the property border to determine if migration of contamination had occurred. No exceedances in soil were encountered. The results of the groundwater assessment in

the vicinity of the OWS showed residual contamination, with concentrations of VOCs (i.e., 1,1-dichloroethane, 1,2-dichloroethane, and ethylbenzene) detected above USEPA tap water RSLs but below USEPA Safe Drinking Water Act (SDWA) maximum contaminant levels (MCL). In addition, tetrachloroethene (PCE) was detected in soil gas samples collected in the vicinity of the former OWS and O&M building. In 2012, an SI addendum was conducted. PCE concentrations were recorded at higher levels in groundwater than previously recorded in the 2004 SI. The higher PCE concentrations warranted investigation of the adjacent school property as well as additional on-site sampling of groundwater, soil, and air. Immediate supplemental sampling was performed by the NYSDEC at Albany High School to check for VI. VI sampling revealed no impact present at the school. In March 2013, VI and soil gas sampling was conducted along the perimeter of the installation and adjacent to the residential housing areas located closest to the installation. Indoor air samples recorded exceedances of trichloroethylene. Soil gas sample analysis did not indicate an immediate threat of VI to the residential homes adjacent to the site. A remedial investigation (RI) was conducted between 2014 and 2016. Groundwater data reported concentrations below USEPA SDWA MCLs and USEPA tap water RSLs. Based on the VI investigation conducted during the RI, analytes related to Site 4 were not detected at sub-slab soil gas and co-located indoor air sampling locations at concentrations above USEPA industrial or residential target sub slab soil gas screening levels from the vapor intrusion screening level calculator and USEPA industrial or residential indoor air RSLs. Cleanup Strategy- Because the RI and risk assessments determined that there are no unacceptable threats to potential current or hypothetical future human or ecological receptors, no response actions are warranted, and no other RA alternatives were considered for the site in the feasibility study for all media. The Army, in consultation with NYSDEC and New York State Department of Health (NYSDOH), has determined that no Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA) RA is necessary as documented in a March 12, 2018, NYSDEC letter. A no action Army only record of decision will be submitted in fiscal year 2023 as the final action.

SITE SUMMARY

SITE CLOSEOUT SUMMARY

CRL ID	Site Name	Site Closeout Date
1379A.1001	SITE 1_INDOOR FIRING RANGE	4/30/1998
1379A.1002	SITE 2_#2 FUEL OIL UST	6/30/1990
1379A.1003	SITE 3_#2 FUEL OIL UST	6/30/1990
1379A.1005	SITE 5_#2 FUEL OIL UST	7/31/1991
1379A.1006	SITE 6_WASTE OIL AND GREASE UST	4/30/1998
1379A.1007	SITE 7_GREASE PIT	4/30/1998
1379A.1008	SITE 8_POL ROOM	4/30/1998
1379A.1009	SITE 9_DRUM STORAGE AREA	4/30/1998

COMMUNITY INVOLVEMENT

Community Involvement Plan (Date Last Reviewed):	2/15/2014
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:	July - August 2014
RAB Results of Solicitation:	Insufficient community interest
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