

JFHQ VT ARNG

Army Cleanup Program

Installation Action Plan

2023

CONTENTS

Acronyms.....	1
Phase Translation Table.....	3
Site Alias List.....	4
Installation Restoration Program Sites.....	5
CCVTEA-001_BUILDING 2908	6
CCVTEA-002_WOOD DUMP	7
Military Munitions Response Program Sites.....	8
VTHQ-014-R-01_Northfield Target Range	9
Site Closeout Summary.....	12
Community Involvement	14
Five-Year / Periodic Review Summary.....	15
Review Summary Table	15
ROD/DDs associated with the last Five-Year/Periodic Review.....	15
Results, Actions & Plans	15
Land Use Controls (LUC) Summary.....	16

ACRONYMS

Acronym	Definition
AEDB-R	Army Environmental Database - Restoration
CC	Compliance-Related Cleanup
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act of 1980
DD	Decision Document
DERP	Defense Environmental Restoration Plan
ENV	Environmental
EAAFB	Ethan Allen Air Force Base
FS	Feasibility Study
FY	Fiscal Year
HQAES	Headquarters Army Environmental System
IR	Installation Restoration
IRA	Interim Remedial Action
LTM	Long-Term Management
LUC	Land Use Control
MC	Munitions Constituents
MD	Munitions Debris
MEC	Munitions and Explosives of Concern
mg/kg	Milligrams/kilograms
MMRP	Military Munitions Response Program
MR	Munitions Response
MRS	Munitions Response Site
MRSP	Munitions Response Site Prioritization Protocol
N/A	Not Applicable
NDNODS	Non Department of Defense Owned, Non Operational Defense Sites
PA	Preliminary Assessment
PP	Proposed Plan
RAB	Restoration Advisory Board
RA(C)	Remedial Action (Construction)

Acronym	Definition
RA(O)	Remedial Action (Operations)
RC	Response Complete
RCRA	Resource Conservation and Recovery Act
RD	Remedial Design
RI	Remedial Investigation
RIP	Remedy-In-Place
ROD	Record of Decision
RRSE	Relative Risk Site Evaluation
SDZ	Surface Danger Zone
SI	Site Inspection
TAPP	Technical Assistance for Public Participation
TBD	To Be Determined
TRC	Technical Review Committee
UST	Underground Storage Tank
VDEC	Vermont Department of Environmental Conservation
VGES	Vermont Groundwater Enforcement Standards
VTARNG	Vermont Army National Guard
WBS	Work Breakdown Structure

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 (Operation) (RA(O))	Corrective Measures Implementation (Operation) (CMI(O))	Implementation (Operation) (IMP(O))
.08	Long-Term Management (LTM)	Long-Term Management (LTM)	Long-Term Management (LTM)

SITE ALIAS LIST

HQAES ID	AEDB-R Reference	Site Alias
6922A.1010	VTHQ-014-R-01_Northfield Target Range	--
6922A.1026	CCVTEA-001_BUILDING 2908	--
6922A.1027	CCVTEA-002_WOOD DUMP	--

JFHQ VT ARNG

INSTALLATION RESTORATION PROGRAM SITES

CCVTEA-001_BUILDING 2908

HQAES ID: 6922A.1026

Alias: None

Regulatory Driver: RCRA UST

RRSE: Not assigned

MRSP: Not assigned

RIP Date: 5/15/2012

RC Date: 1/1/2024

RC Reason: Not assigned

Program: ENV Restoration, Army

Subprogram: IR

<i>Phases</i>	<i>Start</i>	<i>End</i>
ISC	8/15/1990	9/15/1990
INV	8/15/1990	9/15/1999
CAP	9/15/1999	10/15/2009
DES	--	--
IRA	--	--
IMP(C)	10/15/2009	3/15/2012
IMP(O)	5/15/2012	12/31/2023
LTM	--	--

Site Narrative

Building 2908 is a former aircraft maintenance building located on Ethan Allen Air Force Base (EAAFB), Colchester, Vermont. Camp Johnson is comprised of 731 acres. The EAAFB (federally owned portion of Camp Johnson) encompasses 667 acres which is geographically separated from Camp Johnson. The remaining acreage is owned by the State of Vermont Military Department.

Building 2908 was constructed in 1940 and used for aircraft maintenance and storage until 1944 when Fort Ethan Allen was deactivated and became an equipment storage depot. Since 1944, Building 2908 has been used for cold storage. Two underground storage tanks (USTs) and dry wells were identified in the vicinity of Building 2908. One was a fuel oil UST the other believed to be an aviation gasoline UST. The USTs were removed in 1990. In response to contamination detected during removal of the two USTs, groundwater monitoring wells were installed. In July 2009 groundwater sampling indicated Arsenic and Naphthalene were above the Vermont Groundwater Enforcement Standards (VGES). Groundwater remediation using natural attenuation was performed from 2009-2012. Dry wells were removed and a limited investigation was conducted. No further work is required relative to the dry wells.

Cleanup Strategy: Based on an email correspondence with Vermont Department of Environmental Conservation (VDEC) on 14 April 2023, closure letter is still under review by VDEC.

CCVTEA-002_WOOD DUMP

HQAES ID: 6922A.1027

Alias: None

Regulatory Driver: CERCLA

RRSE: Not assigned

MRSPP: Not assigned

RIP Date: 3/15/2012

RC Date: 1/1/2024

RC Reason: Not assigned

Program: ENV Restoration, Army

Subprogram: IR

<i>Phases</i>	<i>Start</i>	<i>End</i>
PA	1/15/1996	10/15/1996
SI	1/15/1996	10/15/1996
RI/FS	11/15/1996	1/15/1999
RD	1/15/1999	3/15/1999
IRA	--	--
RA(C)	3/15/1999	3/15/2012
RA(O)	3/15/2012	12/31/2023
LTM	--	--

Site Narrative

The Former Camp Johnson Wood Dump is located on EAAFB, Colchester, Vermont. Camp Johnson is comprised of 731 acres. The EAAFB (federally owned portion of Camp Johnson) encompasses 667 acres which is geographically separated from Camp Johnson. The remaining acreage is owned by the State of Vermont Military Department. EAAFB was originally part of Fort Ethan Allen which was established in the 1890's. The former wood dump is believed to have received clearing debris from Fort Ethan Allen during the 1940's-1950's but may have been the Fort Ethan Allen Landfill prior to being known as the Wood Dump. It is reported that material would be deposited in the Wood Dump and then be burned once or twice per year and the ash buried with dirt. The Wood Dump continued to receive wood debris until approximately 1990. In a 1996 US Army Center for Health Promotion and Preventative Medicine study several employees stated that up to 1990 small amount of excess and waste petroleum products were disposed of in the wood dump. In 1999, a 12-inch vegetative layer with a 24-inch clay layer cap was placed over the former 1½-acre dump. In July 2006, groundwater flow modeling and report consolidation was completed. In 2007, surface water samples were collected from a tributary of Sunderland Brook. Arsenic, mercury and chromium exceeded the VGES. Sediment samples exceeded the Vermont Water Quality Standards for Semi-Volatile Organic Compounds. Groundwater samples exceeded the VGES for arsenic. Groundwater remediation using natural attenuation was performed from 2009-2012.

Cleanup Strategy: Based on an email correspondence with VDEC on 14 April 2023, closure letter is still under review by VDEC.

JFHQ VT ARNG

MILITARY MUNITIONS RESPONSE PROGRAM SITES

VTHQ-014-R-01_Northfield Target Range

HQAES ID: 6922A.1010

Alias: None

Regulatory Driver: CERCLA

RRSE: Not assigned

MRSP: Not assigned

RIP Date: 3/02/2022

RC Date: 3/02/2022

RC Reason: Not assigned

Program: ENV Restoration, Army

Subprogram: MR

<i>Phases</i>	<i>Start</i>	<i>End</i>
PA	10/31/2007	10/31/2009
SI	7/31/2010	9/30/2012
RI/FS	1/15/2013	11/15/2017
RD	4/16/2019	6/15/2019
IRA	--	--
RA(C)	6/15/2019	03/02/2022
RA(O)	--	--
LTM	03/15/2022	03/15/2053

Site Narrative

Based on the 1912 map, lease agreements, and interviews with the Northfield Public Works Department Superintendent and Northfield Historical Society, the Northfield Target Range was located west of Vermont Route 12A and immediately east of the Dog River and was estimated to have been used from 1912 to 1962. According to the lease agreements and 1912 map, the range was used for small arms target practice at distances of 100, 200, 300, 350, 400, 600, 800, and 1,000 yards. The direction of fire was toward the north and toward a steep hill (referred to as Hill 910). The range had 11 targets with a target butt and target shack. A concrete retreat was also located behind the target butt. A 1958 Inspection Report concluded that firing positions greater than 200 yards were unsafe; however, the Adjutant General assumed responsibility and approved firing on the Northfield Target Range for distances up to and including 300 yards. A 25-meter range was requested in 1961; however, the inspection deemed the site unsafe for a 25-meter range, so it was not established. The site was used as a target range and camp site on weekends from May to November and for two weeks during July by Vermont Army National Guard (VTARNG) units from Northfield, Randolph, Montpelier, Barre, Bradford, St. Johnsbury, Lyndonville, and Windsor. The range was also used by Northfield University Reserve Officer's Training Corps, the Army Reserves, and the local gun club, but the frequency of their use is unknown.

During the years when the range was operational, 1912 to 1962, the northern portion of the range was undeveloped and not used for other functions by Norwich University; however, the southern portion of the range was owned by a private citizen during its operation and was used for agriculture. The town of Northfield has gained ownership of the southern portion of the former range and currently uses it as a well field which is covered with grass. The target area in the northern portion of the range is on undeveloped university property and is currently covered by mature forest, marsh grasses, and beaver ponds. The remainder of the site includes undeveloped forest and residential properties. The concrete retreat and raised firing berms are the only evidence of the former target range.

The former range and associated Surface Danger Zone (SDZ) encompassed approximately 321 acres. The SDZ applied for the target range and resulting site acreage is based on a typical safety fan for a

1,000-yard known distance rifle range SDZ obtained from AR 750-10 and TM 9-855. The fan covered impacts of .30, .22, and .45 caliber ammunition. The topography within the SDZ was evaluated to determine if rises in elevation could have limited bullet trajectory and enable the range fan to be truncated. Based on the topography presented in a 1998 United States Geological Survey map of the area, a 160 foot rise in elevation downrange of the target line would have been sufficient to limit ammunition trajectory.

A Site Inspection (SI) was completed in 2012. Field inspections were performed at the original 321-acre Northfield Target Range Munitions Response Site (MRS) (VTHQ-014-R-01), including a magnetometer-assisted visual survey and the collection of five biased soil samples and two biased surface water/sediment samples. During the visual survey, a concrete embankment wall with retreat approximately 50 yards long and 15 ft high was discovered. There was also a natural backstop observed approximately 150 ft behind the concrete embankment wall. No munitions and explosives of concern (MEC) or munitions debris (MD) were noted during the visual survey. Sample results indicated a potential impact to human health via exposure to lead in the surface soil. Based on the results of the SI, the MRS was divided to separate the range area (firing point, target area, and range floor) where munitions constituents (MC) and small arms ammunition were detected from the remainder of the surface danger zone area. Therefore, the acreage was revised to 10 acres, and the Northfield Target Range MRS (VTHQ-014-R-01) was recommended to proceed to the Remedial Investigation (RI) phase to assess MC.

A RI/Feasibility Study (FS) was completed at this site in Fiscal Year (FY) 2017. Due to the RI findings, the Northfield Target Range MRS boundary was further subdivided. The Northfield Target Range MRS (VTHQ-014-R-01) was revised to encompass only the 0.045-acre Target Area and the 0.17-acre Natural Backstop Area (0.215 acre total) to capture the extent of antimony and lead contamination in soil. The FS evaluated possible alternative remedies and determined Alternative 2 – Land Use Controls to be the most favorable alternative.

The Proposed Plan, finalized March 2018, indicates Alternate 20- Land Use Controls. The Record of Decision, signed 20 September 2018, started the clock for five year reviews.

Remedial Design (RD) and Remedial Action (Construction) (RA(C)) phases were initiated at the site and the Final Remedial Action Completion Report was signed in March 2022, completing the RA(C) phase.

Cleanup Strategy: The site is in Long Term Management (LTM) phase and will require land use controls (LUCs) and Five Year reviews.

SITE CLOSEOUT SUMMARY

HQAES ID	Site Name	Site Closeout Date	Program Code
6922A.1001	VTHQ-004-R-01_NDNODS Highgate Local Trail	9/30/2012	ENV Restoration, Army
6922A.1002	VTHQ-006-R-01_NDNODS Shoreham Tank Training	9/30/2012	ENV Restoration, Army
6922A.1003	VTHQ-001-R-01_NDNODS Bellows Falls Target	9/30/2012	ENV Restoration, Army
6922A.1004	VTHQ-002-R-01_NDNODS Bennington Target R	9/30/2021	ENV Restoration, Army
6922A.1005	VTHQ-003-R-01_NDNODS Broad Brook Range	9/30/2012	ENV Restoration, Army
6922A.1006	VTHQ-005-R-01_NDNODS Home Guard Range	9/30/2012	ENV Restoration, Army
6922A.1007	VTHQ-007-R-01_NDNODS Shrewsbury Target Range	9/30/2012	ENV Restoration, Army
6922A.1008	VTHQ-008-R-01_NDNODS St. Johnsbury Target	9/30/2012	ENV Restoration, Army
6922A.1009	VTHQ-009-R-01_NDNODS West Brattleboro Target	9/30/2012	ENV Restoration, Army
6922A.1011	VTHQ-015-R-01_Rutland Target Range	9/30/2012	ENV Restoration, Army
6922A.1013	VTHQ-012-R-01_Camp Governor Holbrook	9/30/2012	ENV Restoration, Army
6922A.1014	VTHQ-011-R-01_Camp Governor Grout	9/30/2012	ENV Restoration, Army
6922A.1015	VTHQ-010-R-01_Camp Colonel Webb	9/30/2012	ENV Restoration, Army
6922A.1016	VTHQ-013-R-01_Camp Governor Woodbury	9/30/2012	ENV Restoration, Army
6922A.1018	VTHQ-002-R-02_NDNODS BENNINGTON RANGE	10/15/2012	ENV Restoration, Army
6922A.1019	VTHQ-005-R-02_NDNODS HOME GUARD RANGE	9/15/2012	ENV Restoration, Army

HQAES ID	Site Name	Site Closeout Date	Program Code
6922A.1020	VTHQ-007-R-02_NDNODS SHREWSBURY RANGE	9/15/2012	ENV Restoration, Army
6922A.1021	VTHQ-010-R-02_NDNODS CAMP COLONEL WEBB	9/15/2012	ENV Restoration, Army
6922A.1022	VTHQ-013-R-02_CAMP GOVERNOR WOODBURY	9/15/2012	ENV Restoration, Army
6922A.1023	VTHQ-014-R-02_NDNODS NORTHFIELD RANGE	9/15/2009	ENV Restoration, Army
6922A.1024	CC_VTHQ-005-R-01_NDNODS HOME GUARD RANGE	9/27/2021	Compliance Cleanup
6922A.1025	CC_VTHQ-007-R-01_NDNODS SHREWSBURY TARGET RANGE	1/20/2022	Compliance Cleanup

COMMUNITY INVOLVEMENT

Technical Review Committee (TRC) Establishment Date:	N/A
Community Involvement Plan (Date Published):	6922A.1010- 11/2019 6922A.1026/6922A.1027- 6/2016
Restoration Advisory Board (RAB) Establishment Date:	N/A
RAB Adjournment Date:	N/A
RAB Adjournment Reason:	N/A
Additional Community Involvement:	Community Involvement Plans will be developed for additional sites as the project progresses.
Administrative Record is located at:	Bldg 5, Camp Johnson 789 National Guard Road Colchester, VT 05446
Information Repository is located at:	Bldg 5, Camp Johnson 789 National Guard Road Colchester, VT 05446
Current Technical Assistance for Public Participation (TAPP):	N/A
TAPP Title:	N/A
Potential TAPP:	N/A

FIVE-YEAR / PERIODIC REVIEW SUMMARY

Review Summary Table

Status	Start Date	End Date	End FY
UNDERWAY	1/15/2023	9/30/2023	2023

ROD/DDs associated with the last Five-Year/Periodic Review

Associated ROD/DD Name	HQAES ID
FINAL ROD MMRP NORTHFIELD TARGET RANGE MRS (VTHQ-014-R-01) AND NORTHFIELD RANGE FLOOR AND BUFFER MRS (VTHQ-014-R-03) NORTHFIELD, VERMONT	6922A.1010

Results, Actions & Plans

Results	Actions	Plans
TBD	TBD	TBD

LAND USE CONTROLS (LUC) SUMMARY

ROD/DD	LUC Title	HQAES ID
FINAL ROD MMRP NORTHFIELD TARGET RANGE MRS (VTHQ-014-R-01) AND NORTHFIELD RANGE FLOOR AND BUFFER MRS (VTHQ-014-R-03) NORTHFIELD, VERMONT	LAND USE CONTROLS IMPLEMENTATION PLAN , MILITARY MUNITIONS RESPONSE PROGRAM, NORTHFIELD TARGET RANGE MUNITIONS RESPONSE SITE, NORTHFIELD, VT	6922A.1010

ETHAN ALLEN FIRING RANGE

Army Cleanup Program

Installation Action Plan

2023

CONTENTS

Acronyms.....	1
Phase Translation Table.....	3
Site Alias List.....	4
INSTALLATION RESTORATION PROGRAM Sites.....	5
VT2019-01-P _CAMP ETHAN ALLEN TRAINING SITE	6
Site Closeout Summary.....	8
Community Involvement	9
Five-Year / Periodic Review Summary.....	10
Review Summary Table	10
ROD/DDs associated with the last Five-Year/Periodic Review.....	10
Results, Actions & Plans	10
Land Use Controls (LUC) Summary.....	11

ACRONYMS

Acronym	Definition
AEDB-R	Army Environmental Database - Restoration
AOI	Area of Interest
CC	Compliance-Related Cleanup
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act of 1980
DD	Decision Document
ENV	Environmental
FS	Feasibility Study
GENX	Hexafluoropropylene Oxide Dimer Acid and its Ammonium Salt
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
ng/L	Nanograms Per Liter
OSD	Office of Secretary of Defense
PA	Preliminary Assessment
PFAS	Per- and Polyfluoroalkyl Substances
PFBS	Perfluorobutanesulfonic Acid
PFNA	Perfluorononanoic Acid
PFOA	Perfluorooctanoic Acid
PFOS	Perfluorooctanesulfonic Acid
RAB	Restoration Advisory Board
RA(C)	Remedial Action (Construction)
RA(O)	Remedial Action (Operations)
RC	Response Complete
RCRA	Resource Conservation and Recovery Act

Acronym	Definition
RD	Remedial Design
RI	Remedial Investigation
RIP	Remedy-In-Place
ROD	Record of Decision
RRSE	Relative Risk Site Evaluation
RSL	Regional Screening Level
SI	Site Inspection
SL	Screening Levels
TAPP	Technical Assistance for Public Participation
TRC	Technical Review Committee
TS	Training Site
USEPA	US Environmental Protection Agency
UST	Underground Storage Tank
VTARNG	Vermont Army National Guard
WBS	Work Breakdown Structure

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 (Operation) (RA(O))	Corrective Measures Implementation (Operation) (CMI(O))	Implementation (Operation) (IMP(O))
.08	Long-Term Management (LTM)	Long-Term Management (LTM)	Long-Term Management (LTM)

SITE ALIAS LIST

HQAES ID	AEDB-R Reference	Site Alias
50340.1013	VT2019-01-P _CAMP ETHAN ALLEN TRAINING SITE	- -

ETHAN ALLEN FIRING RANGE

INSTALLATION RESTORATION PROGRAM SITES

VT2019-01-P _CAMP ETHAN ALLEN TRAINING SITE

HQAES ID: 50340.1013

Alias: None

Regulatory Driver: CERCLA

RRSE: Not assigned

MRSP: Not assigned

RIP Date: 9/15/2031

RC Date: 9/15/2031

RC Reason: Not assigned

Program: ENV Restoration, Army

Subprogram: IR

<i>Phases</i>	<i>Start</i>	<i>End</i>
PA	8/11/2017	5/24/2019
SI	9/7/2018	8/31/2021
RI/FS	9/15/2024	9/15/2031
RD	--	--
IRA	--	--
RA(C)	--	--
RA(O)	--	--
LTM	--	--

Site Narrative

A Preliminary Assessment (PA) was completed for per- and polyfluoroalkyl substances (PFAS) at the Vermont Army National Guard (VTARNG) Camp Ethan Allen Training Site (Ethan Allen Training Site (TS)) in Jericho, Vermont, to assess potential PFAS release areas and exposure pathways to receptors. The Ethan Allen TS is an 11,000-acre facility operated by the VTARNG since 1976 that hosts a variety of training activities and facilities. The Army Mountain Warfare School and Armory is located within the facility and training activities include helicopter training. General Dynamics Armament Systems, Inc. occupies 766 acres within the Ethan Allen TS for weapons systems development and testing. In addition, the facility hosts a 5-kilometer biathlon course, and associated facilities, and is considered one of the premier cross-country ski and biathlon facilities in North America. Land to the north, south, and west of the facility is primarily rural, consisting of privately-owned farmland, residences, and undeveloped forests. The eastern border of the facility abuts the western slope of the Green Mountains and Mount Mansfield State Forest. Reasonably anticipated future land use is not expected to change from the current land use described.

One area of interest (AOI) related to potential PFAS releases was identified at Ethan Allen TS during the PA performed in 2018. High grade commercial ski and snowboard waxes have been found to contain high concentrations of PFAS. Surface water and snowmelt have been shown to have measurable PFAS impacts downgradient of ski areas. Interviewees noted that high grade waxes are almost exclusively used for competition and that lower grade waxes (reportedly not PFAS-containing) are used the majority of the time at Ethan Allen TS. The AOI identified during the PA is associated with the biathlon course at Ethan Allen TS. Based on the PA findings, there is potential for exposure to PFAS contamination in surface soil, to site workers, construction workers, recreational users, and trespassers via ingestion and inhalation; groundwater, surface water and sediment to site workers, construction workers, recreational users, trespassers, and off-facility residents via ingestion; and subsurface soil to site and construction workers via ingestion.

A Site Inspection (SI) was completed at Ethan Allen TS in August 2019, and included collection of soil, groundwater, surface water and sediment samples. A summary of the results of the SI data relative to the screening levels (SLs) is as follows: 1) While detected concentrations indicate a release of PFAS materials, the detected concentrations of perfluorooctanoic acid (PFOA), perfluorooctanesulfonic acid (PFOS), and perfluorobutanesulfonic acid (PFBS) in soil samples from AOI 1 were orders of magnitude below the SL; and 2) PFOS was not detected in groundwater. PFOA and PFBS were detected in groundwater at AOI 1 at maximum concentrations of 10.9 nanograms per liter (ng/L) and 2.33 ng/L (J-flagged), respectively, below the SLs of 40 ng/L and 40,000 ng/L, respectively. The site was recommended for no further action, and a closure letter was issued in December 2021.

Comparison of the SI results to the new 6 July 2022 SLs released by the Office of Secretary of Defense (OSD) now show that there are exceedances of PFOA above screening levels in groundwater. Further investigation as a Remedial Investigation (RI)/Feasibility Study (FS) will then be anticipated for this site due to the new SL for PFOA.

The subject site was tracked as 50340.1012 under the Compliance-related Cleanup (CC) program. In March 2023, the site became Defense Environmental Restoration Program (DERP)-eligible.

Cleanup Strategy: A RI/FS is anticipated at this site and will be funded in the future. Future actions cannot be determined until the RI/FS is complete.

SITE CLOSEOUT SUMMARY

HQAES ID	Site Name	Site Closeout Date	Program Code
50340.1001	SITE 01_KITCHEN WASTE DUMP (EPIC 4)	3/31/1980	ENV Restoration, Army
50340.1002	SITE 02_STUMP DUMP	5/31/1996	ENV Restoration, Army
50340.1003	SITE 03_ACTIVE IMPACT AREA (EPIC 7)	2/28/1995	ENV Restoration, Army
50340.1004	SITE 04_INACTIVE IMPACT AREA	3/30/1980	ENV Restoration, Army
50340.1005	SITE 05_HAZ. WASTE STO. AREA	4/30/1989	ENV Restoration, Army
50340.1006	SITE 06_WASTEWATER LEACHING FIELDS	3/30/1980	ENV Restoration, Army
50340.1007	SITE 07_GRAVEL PIT (EPIC 1)	7/30/1992	ENV Restoration, Army
50340.1008	SITE 08_DEBRIS PIT (EPIC 2)	7/30/1992	ENV Restoration, Army
50340.1009	SITE 09_FIRING RANGE (EPIC 5)	2/28/1995	ENV Restoration, Army
50340.1010	SITE 10_GRAVEL PIT (EPIC 6)	7/30/1992	ENV Restoration, Army
50340.1011	SITE 11_VEHICLE EQUIPMENT STORAGE (EPIC)	9/30/1996	ENV Restoration, Army
50340.1012	CCVT2019-01-P_CAMP ETHAN ALLEN TRAINING SITE	4/30/2023	Compliance Cleanup

COMMUNITY INVOLVEMENT

Technical Review Committee (TRC) Establishment Date:	N/A
Community Involvement Plan (Date Published):	TBD
Restoration Advisory Board (RAB) Establishment Date:	N/A
RAB Adjournment Date:	N/A
RAB Adjournment Reason:	N/A
Additional Community Involvement:	Community Involvement Plan, Administrative Record and Information Repository will be developed as the project progresses.
Administrative Record is located at:	TBD
Information Repository is located at:	TBD
Current Technical Assistance for Public Participation (TAPP):	N/A
TAPP Title:	N/A
Potential TAPP:	N/A

FIVE-YEAR / PERIODIC REVIEW SUMMARY

Review Summary Table

None

ROD/DDs associated with the last Five-Year/Periodic Review

None

Results, Actions & Plans

None

LAND USE CONTROLS (LUC) SUMMARY

None