

FORT NOVOSEL

Army Cleanup Program

Installation Action Plan Final

June 2024

TABLE OF CONTENTS

STATEMENT OF PURPOSE3

INSTALLATION OVERVIEW4

ACRONYMS5

PHASE TRANSLATION TABLE8

PROGRAM SUMMARY9

SITE-LEVEL INFORMATION 10

 01252.1001_FTRU-001_LANDFILL SOUTH OF OLD HOSPITAL, 11

 01252.1008_FTRU-008_LF N OF DILLY BR RD/E OF TEST S 12

 01252.1012_FTRU-012_LANDFILL OZARK CITY LEASEE, SWM 14

 01252.1013_FTRU-013_CONSTRUCTION DEBRIS LANDFILL, S 16

 01252.1024_FTRU-040_WASTE POL DISPOSAL, SWMU 14 17

 01252.1035_FTRU-051_FIREFIGHTING TNG AREA, SWMU 15 19

 01252.1095_FTRU-171_CLOSED SANITARY LANDFILL, SWMU 20

 01252.1098_FTRU-174_OIL GAS STATION SITE, UST, SWMU 21

 01252.1099_FTRU-175_OLD GAS STATION SITE, UST, SWMU 22

 01252.1115_AOC-S_PCE in GW near SWMU 8 23

 01252.1117_CC AOC-A1_BURIED DEBRIS BEHIND SCHOOL 24

 01252.1118_FTRU-184_PFAS 26

 01252.1108_FTRU-001-R-01_ANTI-TANK ROCKET/GRENADE R 27

 01252.1110_FTRU-003-R-01_INFILTRATION/GRENADE RANGE 28

SITE SUMMARY29

SITE CLOSEOUT SUMMARY 30

COMMUNITY INVOLVEMENT 33

FIVE-YEAR / PERIODIC REVIEW SUMMARY 34

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: FORT NOVOSEL

Installation City: DALEVILLE

Installation County: DALE

Installation State: ALABAMA

Regulatory Participation - Federal: US Environmental Protection Agency (USEPA), Region 4, Resource Conservation and Recovery

Regulatory Participation - State: Alabama Department of Environmental Management (ADEM)

ACRONYMS

Acronym	Definition
ADEM	Alabama Department of Environmental Management
AOC	Area of Concern
AST	Aboveground Storage Tank
AT-RGR	Anti-Tank Rocket/Grenade Range
CAP	Corrective Action Plan
CC	Compliance-Related Cleanup
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act of 1980
CMI(C)	Corrective Measures Implementation (Construction)
CMI(O)	Corrective Measures Implementation (Operations)
CMIP	Corrective Measures Implementation Plan
CMS	Corrective Measures Study
CRL	Cleanup Restoration & Liabilities
CS	Confirmation Sampling
DCS	Deputy Chief of Staff
DES	Design
ENV	Environmental
FS	Feasibility Study
FTRU	Fort Rucker (legacy site ID designation)
FY	Fiscal Year
FYR	Five-Year Review
HRS	Hazard Ranking Score
IAP	Installation Action Plan
ID	Identification
IR	Installation Restoration
IRA	Interim Remedial Action
LTM	Long-Term Management
LUC	Land Use Control
MC	Munitions Constituents
MCL	Maximum Contaminant Level
MEC	Munitions and Explosives of Concern
MNA	Monitored Natural Attenuation
MR	Munitions Response
MRS	Munitions Response Site
MRSPP	Munitions Response Site Prioritization Protocol
NFA	No Further Action

Acronym	Definition
NPL	National Priorities List
OSD	Office of the Secretary of Defense
PA	Preliminary Assessment
PAH	Polycyclic Aromatic Hydrocarbon
PBA	Performance-Based Acquisition
PCE	Perchloroethylene
PFAS	Per- and Polyfluoroalkyl Substances
PFBS	Perfluorobutanesulfonic Acid
PFOA	Perfluorooctanoic Acid
PFOS	Perfluorooctane Sulfonate
POL	Petroleum, Oil, and Lubricant
PR	Periodic Review
PSV	Preliminary Screening Values
RAB	Restoration Advisory Board
RA(C)	Remedial Action (Construction)
RA(O)	Remedial Action (Operations)
RC	Response Complete
RCRA	Resource Conservation and Recovery Act
RD	Remedial Design
RFA	RCRA Facility Assessment
RFI	RCRA Facility Investigation
RI	Remedial Investigation
RIP	Remedy-In-Place
RRSE	Relative Risk Site Evaluation
RSL	Residential Screening Levels
SC	Site Closeout
SI	Site Inspection
SVOC	Semi-Volatile Organic Compound
SWMU	Solid Waste Management Unit
TAPP	Technical Assistance for Public Participation
TCRA	Time Critical Removal Action
TCE	Tetrachloroethene
UE	Unrestricted Exposure
ug/L	Micrograms Per Liter
USEPA	US Environmental Protection Agency
UST	Underground Storage Tank
UU	Unlimited Use

Acronym	Definition
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: 1/12

Number of Open Sites with Response Complete/Total Open MR Sites: 0/2

Number of Open Sites with Response Complete/Total Open CC Sites: 0/0

SITE-LEVEL INFORMATION

01252.1001_FTRU-001_LANDFILL SOUTH OF OLD HOSPITAL,

Env Site ID: FTRU-001

Cleanup Site: LANDFILL SOUTH OF OLD HOSPITAL,

Alias: SWMU 5

Regulatory Driver: RCRA-C

RIP Date: 8/30/2026

RC Date: 8/30/2026

RC Reason: Not assigned

SC Date: 8/31/2026

Program: ENV Restoration, Army

Subprogram: IR

NPL Status: No

Hazardous Ranking Score: 0

RRSE:

MRSPP: N/A

Phase	Start	End
RFA:	2/28/1982	9/25/2013
CS:	9/29/2022	8/24/2024
RFI/CMS:	8/24/2024	8/30/2026
DES:	--	--
IRA:	--	--
CMI(C):	--	--
CMI(O):	--	--
LTM:	--	--

Site Narrative: This site is identified as an eight-acre undeveloped area located east of 37th Street and south of Engineer Road in the southeast portion of Fort Novosel. This site was operated as a surface dumping landfill from the 1940s to 1952 and received incinerator ash and other unknown solid waste materials. Based on the Resource Conservation and Recovery Act (RCRA) facility assessment (RFA) conducted in 2013 the Alabama Department of Environmental Management (ADEM) recommended that soil sampling and groundwater sampling be performed to determine if a release had occurred. The hazardous waste corrective action permit requires confirmation sampling of soil and groundwater at the site. Additional site activities will be determined at the end of the confirmation sampling (CS) phase as needed.

01252.1008_FTRU-008_LF N OF DILLY BR RD/E OF TEST S

Env Site ID: FTRU-008

Cleanup Site: LF N OF DILLY BR RD/E OF TEST S

Alias: SWMU 10

Regulatory Driver: RCRA-C

RIP Date: 10/15/1998

RC Date: 9/30/2054

RC Reason: Not assigned

SC Date: 9/30/2054

Program: ENV Restoration, Army

Subprogram: IR

NPL Status: No

Hazardous Ranking Score: 0

RRSE:

MRSPP: N/A

Phase	Start	End
RFA:	2/15/1982	11/15/1986
CS:	10/15/1990	2/15/1996
RFI/CMS:	10/15/1994	9/15/1997
DES:	--	--
IRA:	--	--
CMI(C):	1/15/1998	9/15/1998
CMI(O):	10/15/1998	9/30/2054
LTM:	--	--

Site Narrative: This site was a 10-acre landfill located in the southeast portion of Fort Novosel on North Dilly Branch Road and east of the Engine Test Stand. The timeframe the site began operation is unknown; however, it operated as a trench-and-fill landfill until closure in 1970. The landfill was used to dispose household refuse and debris from demolished barracks. A Phase I RCRA facility investigation (RFI) completed in 1991 detected volatile organic compounds (VOC) and metals in both upgradient and downgradient locations of solid waste management unit (SWMU) 10. In 1995, a Phase II RFI confirmed that further investigation was required to determine the impact to this site from three adjacent SWMUs as well as the impact to downgradient areas. Based on the proximity hydrogeology and the results from the previous investigations, SWMU 10 and SWMU 15 were investigated as a single unit. Phase II RFI results confirmed the Phase I data, and a corrective measures study (CMS) was recommended. The CMS was completed in 1997 and recommended monitored natural attenuation (MNA) with enhanced monitoring of VOCs and specific natural attenuation parameters. ADEM concurred with the recommendations of the CMS. A corrective measures implementation plan (CMIP) was completed in 2007 and recommended to continue MNA as the corrective measure for both SWMU 10 and 15. ADEM concurred with this remedial approach. This site is covered under a hazardous waste corrective action permit issued by ADEM. MNA will continue until cleanup objectives have been met as defined in the approved CMIP dated May 2007 and Fort Novosel's corrective action permit. Periodic reviews will be completed every five years. Land use controls (LUC) consist of the following restricted activities- groundwater use, digging, residential use/development, and construction activities. Routine maintenance and repair of the landfill cover is required. Routine maintenance of the road and drainage ditches are required to ensure well sampling continues. Groundwater and surface water are sampled semiannually and annually as defined in the in the approved CMIP. Once VOC concentrations decrease below maximum contaminant levels (MCL) for three consecutive monitoring events in a single well, monitoring may be discontinued at the well upon approval of the revised CMIP and a modification to the permit. A revised CMIP requesting a reduction in the number of monitoring wells sampled as well as the

monitoring frequency was submitted to ADEM in August 2022. Fort Novosel received ADEM comments on Jan. 4, 2023. A revised CMIP along with the necessary permit modification fees was submitted to ADEM on Apr. 24, 2023. ADEM issued the Draft Permit Modification for Fort Novosel review on Oct. 4, 2023. Fort Novosel provided comments to ADEM based on the review of the Draft Permit on Oct. 18, 2023. Fort Novosel is currently waiting on the Final Permit issuance incorporating the approved revisions to the groundwater monitoring program. One of the monitoring wells (87-7G) located at the site was identified as damaged which prevented sampling. It was abandoned and replaced with monitoring well 87-7GR in August 2022. Cleanup/Exit Strategy - Corrective measures implementation (operation) (CMI(O)) will continue until remedial objectives are achieved.

01252.1012_FTRU-012_LANDFILL OZARK CITY LEASEE, SWM

Env Site ID: FTRU-012

Cleanup Site: LANDFILL OZARK CITY LEASEE, SWM

Alias: SWMU 4

Regulatory Driver: RCRA-C

RIP Date: 10/15/2001

RC Date: 9/30/2054

RC Reason: Not assigned

SC Date: 9/30/2054

Program: ENV Restoration, Army

Subprogram: IR

NPL Status: No

Hazardous Ranking Score: 0

RRSE:

MRSPP: N/A

Phase	Start	End
RFA:	2/15/1982	11/15/1986
CS:	10/15/1990	2/15/1996
RFI/CMS:	10/15/1994	9/15/2001
DES:	--	--
IRA:	--	--
CMI(C):	9/15/2001	9/15/2001
CMI(O):	10/15/2001	9/30/2054
LTM:	--	--

Site Narrative: This site was a trench and fill landfill of about 10 acres located on Campground Road at the northern edge of Fort Novosel. Woods surround the landfill on three sides and a road and residential houses are located on the fourth side. The landfill was a municipal waste landfill which operated from 1977 to 1982. The landfill was used by the installation city of Ozark and Dale County to dispose of household waste. Investigation results from the Phase I RFI indicated groundwater contamination at this site and further investigation was required to determine the full extent and impact of this contamination. The Phase II RFI conducted in 1997 confirmed the Phase I results and this site was recommended for corrective measures. A CMS was conducted and the recommendations in the CMS were MNA with enhanced monitoring for VOCs. On Jan. 5, 1998, the US Environmental Protection Agency (USEPA) approval of the CMS was received. Fort Novosel performed MNA sampling from four site related monitoring wells in accordance with the recommended CMS from 1997 through 2006. Groundwater monitoring results during this period identified cis-12-DCE methylene chloride and vinyl chloride above their respective MCLs. In 2007, ADEM requested the addition of metals to the monitoring parameters due to insufficient trend data for metals in the groundwater. In 2012, ADEM required an RFI addendum be performed to determine the source and extent of groundwater contamination based on review of the 2011 annual groundwater monitoring data submitted for the site. The RFI addendum activities were initiated in 2013 and completed in 2016 with submittal of the RFI Addendum (Revision 1) Report to ADEM. ADEM provided concurrence with the findings of the report and requested Fort Novosel submit a CMIP for the inclusion of seven new monitoring wells installed during the RFI activities into the SWMU 4 monitoring program. The final CMIP was submitted for ADEM review in December 2018. ADEM determined that the December 2018 CMIP was incomplete and further delineation was required in the vicinity of monitoring well 4-G2. A revised CMIP will be required to delineate off-site migration of VOC contaminants to the east and northeast of the site. Cleanup/Exit Strategy - The CMI(O) requires semiannual groundwater monitoring at the site and to maintain access roads to the monitoring well network. MNA will continue until cleanup objectives have been met as defined in the approved

CMIP and Fort Novosel's corrective action permit. Periodic reviews will be completed every five years. LUCs consist of the following restricted activities- groundwater use, digging, unauthorized site access, and residential use/development. Routine cover maintenance is required. Groundwater is sampled semiannually as defined in the approved CMIP. CMI(O) will continue until remedial objectives are achieved.

01252.1013_FTRU-013_CONSTRUCTION DEBRIS LANDFILL, S

Env Site ID: FTRU-013

Cleanup Site: CONSTRUCTION DEBRIS LANDFILL, S

Alias: SWMU 13

Regulatory Driver: RCRA-C

RIP Date: 8/30/2026

RC Date: 8/30/2026

RC Reason: Not assigned

SC Date: 8/31/2026

Program: ENV Restoration, Army

Subprogram: IR

NPL Status: No

Hazardous Ranking Score: 0

RRSE:

MRSPP: N/A

Phase	Start	End
RFA:	2/28/1982	9/25/2013
CS:	9/29/2022	8/24/2024
RFI/CMS:	8/24/2024	8/30/2026
DES:	--	--
IRA:	--	--
CMI(C):	--	--
CMI(O):	--	--
LTM:	--	--

Site Narrative: This site was a construction debris landfill that is located on the west side of the installation off Dust-Off Road in Training Area-A1. It is not known when operations began but it was closed in the spring of 1987. It is approximately five acres. Based on the RFA conducted in 2013, ADEM recommended that soil sampling and groundwater sampling be performed. The hazardous waste corrective action permit requires CS. Additional site activities will be determined at the end of the CS phase as needed. The CS sampling event has now been completed and the data collected is currently being evaluated prior to preparing the CS Report documenting the findings from the sampling event.

01252.1024_FTRU-040_WASTE POL DISPOSAL, SWMU 14

Env Site ID: FTRU-040

Cleanup Site: WASTE POL DISPOSAL, SWMU 14

Alias: SWMU 14

Regulatory Driver: RCRA-C

RIP Date: 9/15/2001

RC Date: 9/15/2001

RC Reason: All Required Cleanup(s) Completed

SC Date: 9/30/2054

Program: ENV Restoration, Army

Subprogram: IR

NPL Status: No

Hazardous Ranking Score: 0

RRSE:

MRSPP: N/A

Phase	Start	End
RFA:	2/15/1982	11/15/1986
CS:	10/15/1990	2/15/1996
RFI/CMS:	10/15/1996	9/15/2001
DES:	--	--
IRA:	6/15/1997	9/15/1999
CMI(C):	--	--
CMI(O):	--	--
LTM:	10/15/2001	9/30/2054

Site Narrative: This site was a closed waste petroleum oil and lubricants (POL) pit located in the western portion of Fort Novosel near Lowe Army Heliport on the south of Christian Road. The unlined pit was approximately 80 ft in diameter and 7 ft deep and was used to dispose of waste POL products such as contaminated helicopter fuel, tanker truck washouts, and possibly motor oil. Operations at this site ceased prior to 1980 and the pit was capped with clay. Samples taken from the pit in 1980 showed traces of trichloroethylene. Both ADEM and Region IV USEPA were notified of the site and immediate closure was recommended. The Phase I RFI conducted in 1991 included the installation of four monitoring wells and sampling for VOCs, semi-volatile organic compounds (SVOC), and metals. Five metals were detected above their respective MCL in monitoring well 14-G4. The Phase II RFI conducted in 1993-1994 with installation of an additional five monitoring wells to determine the full extent of contamination. Based on the results of the Phase II RFI report USEPA recommended conducting a CMS. The CMS was completed in 1997 and recommended long-term monitoring of groundwater for VOCs mainly consisting of benzene and total xylenes. A pilot bioventing project was initiated in 1997 and based on its success was optimized and operated for an additional year. A report was submitted to ADEM in April 1999 requesting discontinuation of bioventing since VOCs were below MCLs. In response to ADEM comments the CMIP included the requirement for metals sampling in groundwater. This requirement was due to metals being detected below MCLs in only one sampling event during development of the CMIP. A CMI report was submitted to ADEM in 2014. ADEM requested additional soil sampling and groundwater monitoring. The groundwater monitoring results showed naphthalene exceeded its MCL. Naphthalene has historically not been a contaminant of concern in groundwater at SWMU 14. ADEM requested delineation of naphthalene and required a revised CMIP. The revised CMIP was submitted in 2019 and new wells were installed. Cleanup/Exit Strategy-Long-term management (LTM) sampling will include metals and naphthalene. Periodic reviews will be completed every five years. LUCs consist of the following restricted activities - groundwater use, digging, unauthorized site access, and residential

use/development. Since contaminants will remain at this site above concentrations that allow for unlimited use (UU)/ unrestricted exposure (UE), LUCs and periodic reviews will continue indefinitely.

01252.1035_FTRU-051_FIREFIGHTING TNG AREA, SWMU 15

Env Site ID: FTRU-051

Cleanup Site: FIREFIGHTING TNG AREA, SWMU 15

Alias: SWMU 15

Regulatory Driver: RCRA-C

RIP Date: 10/15/1999

RC Date: 9/30/2054

RC Reason: Not assigned

SC Date: 9/30/2054

Program: ENV Restoration, Army

Subprogram: IR

NPL Status: No

Hazardous Ranking Score: 0

RRSE:

MRSPP: N/A

Phase	Start	End
RFA:	2/15/1982	9/15/1988
CS:	10/15/1990	9/15/1992
RFI/CMS:	9/15/1992	7/15/1997
DES:	10/15/1996	7/15/1997
IRA:	--	--
CMI(C):	10/15/1997	9/15/1998
CMI(O):	10/15/1999	9/30/2054
LTM:	--	--

Site Narrative: This site is located on Dilly Branch Road on the southeast portion of the installation. From the 1950s until 1986 an old unlined fire training pit was operated at this location. The training pit was approximately 60 ft in diameter and 3 ft deep. Waste POL (crankcase oil, motor gasoline, jet propellant 4, and other fuels) were poured onto a water buffer inside the pit ignited and extinguished. In 1986 a new brick-lined firefighting training pit overlapping the original site was constructed. As a result of the new construction, a portion of the original site was excavated and buried nearby. In 1992, the installation initiated an RFI to determine whether a release of hazardous constituents had occurred. Soil samples were collected from both pits. Sediments were sampled in the drainage ditch leading from the fire pit and wells were installed to determine any impact to groundwater. Further investigation at this site was required since contaminants were found in groundwater downgradient of the site and in the water discharging from the oil/water separator. Following the Phase I RFI, a Phase II RFI was completed in 1995. Based on the proximity hydrogeology and the results from the previous investigations, SWMU 10 and 15 were investigated as a single unit. The 1995 Phase II RFI data confirmed the Phase I data and a CMS was recommended. The CMS recommended an interim source control measures to include a removal action for both pits the drainage ditch and the old soil disposal area. In 1997, the US Army Corps of Engineers Mobile District designed a soil removal and thermal desorption project for the site. Work began in 1997 and was completed in 1998. This resulted in the installation successfully remediating its most heavily contaminated site. Erosion of the site was occurring so in fiscal year (FY)99 a contract was awarded to stabilize the site. Stabilization work was completed in FY00. MNA was initiated in accordance with the 1997 CMS and continued in accordance with the approved 2007 CMIP. This site is covered under a hazardous waste corrective action permit issued by ADEM. Cleanup/Exit Strategy - MNA will continue until cleanup objectives have been met as defined in the corrective action permit. Periodic reviews will be completed every five years. LUCs consist of the following restricted activities - groundwater use, digging, unauthorized site access, residential use/development, and construction activities. CMI(O) will continue until remedial objectives are achieved.

01252.1095_FTRU-171_CLOSED SANITARY LANDFILL, SWMU

Env Site ID: FTRU-171

Cleanup Site: CLOSED SANITARY LANDFILL, SWMU

Alias: SWMU 2D

Regulatory Driver: RCRA-C

RIP Date: 9/15/2007

RC Date: 9/30/2054

RC Reason: Not assigned

SC Date: 9/30/2054

Program: ENV Restoration, Army

Subprogram: IR

NPL Status: No

Hazardous Ranking Score: 0

RRSE:

MRSPP: N/A

Phase	Start	End
RFA:	2/15/1982	11/15/1986
CS:	8/15/1999	9/15/2001
RFI/CMS:	6/15/2001	12/15/2005
DES:	10/15/2003	12/15/2005
IRA:	--	--
CMI(C):	7/15/2004	9/15/2007
CMI(O):	7/15/2004	9/30/2054
LTM:	--	--

Site Narrative: This site was a trench-and-fill landfill located at the southeast corner of Hatch and Engineer Road in the southeastern area of the installation. It was approximately 28 acres and was operated from about 1950 to the early-1980s. The landfill was used to dispose of a wide variety of materials. Following the termination of waste burial activities, the western portion of the site was backfilled with clean fill and pine trees were planted. The eastern portion was closed and backfilled with clean fill. Area of concern (AOC)-P is located south of SWMU 2d and represents a former sludge landfill area. The sludge was reportedly land applied on the surface at AOC-P in area approximately 900 feet long by 50 feet in width. AOC-P is contained within the groundwater contaminant plume associated with SWMU 2d and as such is included as part of the SWMU-2d groundwater monitoring program. Groundwater monitoring wells were installed at various times throughout the life of the landfill to satisfy the monitoring requirements of the landfill permit. During monitoring contamination above MCLs was detected in several wells. In June 1999, ADEM required the installation to prepare a groundwater corrective action plan (CAP). As a result of the CAP the existing monitoring wells were replaced and 10 additional groundwater monitoring wells were installed to delineate the extent of the contamination. Preliminary analytical data collected during the 2000 assessment activities indicated the presence of chlorinated solvents, VOCs, and metals. At that time the contamination appeared to be migrating from the site. Analytical data suggested the need for additional groundwater monitoring wells to further delineate the plume. In January 2001, the six additional monitoring wells were installed. Based upon sampling results, the limits of the contamination were defined. In 2007, a RCRA cap was constructed to cover the 28-acre site as delineated by the use of geophysics and test pits. Cleanup/Exit Strategy - The CMI(O) includes maintenance, erosion control, LUCs, MNA, and groundwater performance monitoring as described in the approved 2007 CMIP. Periodic reviews will be completed every five years. LUCs consist of the following restricted activities- groundwater use, digging, unauthorized site access, and residential use/development. Groundwater monitoring at this site includes required monitoring at AOC-P which is downgradient and contiguous of FTRU-171. CMI(O) will continue indefinitely.

01252.1098_FTRU-174_OIL GAS STATION SITE, UST, SWMU

Env Site ID: FTRU-174

Cleanup Site: OIL GAS STATION SITE, UST, SWMU

Alias: FTRU-174

Regulatory Driver: RCRA-C

RIP Date: 3/29/2025

RC Date: 3/29/2025

RC Reason: Not assigned

SC Date: 3/30/2025

Program: ENV Restoration, Army

Subprogram: IR

NPL Status: No

Hazardous Ranking Score: 0

RRSE: Not Evaluated

MRSPP: N/A

Phase	Start	End
RFA:	2/15/1982	9/25/2013
CS:	3/15/2016	4/30/2019
RFI/CMS:	9/29/2022	3/29/2025
DES:	--	--
IRA:	--	--
CMI(C):	--	--
CMI(O):	--	--
LTM:	--	--

Site Narrative: FTRU-174 (AOC-E) is a former gas station site. Operations at the site began in the 1940s however the date operations ceased is unknown. This site was initially given a no further action (NFA) status in Fort Novosel's initial corrective action permit; however, the RFA conducted in 2013 by ADEM recommended that the site be investigated to determine if underground storage tanks (UST) are present. Following the recommendations of the RFA, ADEM included FTRU-174 in the corrective action permit that was renewed in 2016 and required that confirmatory sampling be performed. The investigation found that there were no USTs at the site; however underground piping that carried fuel from an aboveground storage tank (AST) to fuel dispensers and three concrete pads were identified. The remaining underground piping concrete pads were in 2018. Soil confirmation sampling was conducted below the former fuel pipeline and each concrete pad. In addition, temporary monitoring wells were installed to assess groundwater quality. The results of the confirmatory soil sampling event indicated residential screening levels (RSL) exceedances of polycyclic aromatic hydrocarbons (PAH) in soils. The RFI is underway to determine nature and extent of contamination and help determine future remedial action if necessary.

01252.1099_FTRU-175_OLD GAS STATION SITE, UST, SWMU

Env Site ID: FTRU-175

Cleanup Site: OLD GAS STATION SITE, UST, SWMU

Alias: FTRU-175

Regulatory Driver: RCRA-C

RIP Date: 3/29/2025

RC Date: 3/29/2025

RC Reason: Not assigned

SC Date: 3/30/2025

Program: ENV Restoration, Army

Subprogram: IR

NPL Status: No

Hazardous Ranking Score: 0

RRSE: Not Evaluated

MRSPP: N/A

Phase	Start	End
RFA:	2/15/1982	9/25/2013
CS:	3/15/2016	4/30/2019
RFI/CMS:	9/29/2022	3/29/2025
DES:	--	--
IRA:	--	--
CMI(C):	--	--
CMI(O):	--	--
LTM:	--	--

Site Narrative: FTRU-175 (AOC-F) is a former gas station site. Operations at the site began in the 1940s however the date operations ceased is unknown. The site was given an NFA status in Fort Novosel's initial corrective action permit; however, the RFA conducted in 2013 by ADEM recommended that the site be investigated to determine if USTs are present. Following the recommendations of the RFA, ADEM included FTRU-175 in the corrective action permit that was renewed in 2016 and required that confirmatory sampling be performed. The investigation found that there were no USTs at the site; however underground piping that carried fuel from an AST to fuel dispensers was found. The results of the confirmatory soil sampling event indicated RSL exceedances of PAHs in soils. Confirmatory groundwater results detected concentrations of naphthalene above the MCL in two of the temporary monitoring wells. The RFI is underway to determine nature and extent of contamination and help determine future remedial action if necessary.

01252.1115_AOC-S_PCE in GW near SWMU 8

Env Site ID: AOC-S

Cleanup Site: PCE in GW near SWMU 8

Alias: AOC-S

Regulatory Driver: RCRA-C

RIP Date: 10/15/2013

RC Date: 9/30/2054

RC Reason: Not assigned

SC Date: 9/30/2054

Program: ENV Restoration, Army

Subprogram: IR

NPL Status: No

Hazardous Ranking Score: 0

RRSE:

MRSPP: N/A

Phase	Start	End
RFA:	3/15/2005	8/15/2006
CS:	--	--
RFI/CMS:	12/15/2006	10/15/2012
DES:	--	--
IRA:	--	--
CMI(C):	9/15/2010	10/15/2013
CMI(O):	1/15/2013	9/30/2054
LTM:	--	--

Site Narrative: AOC-S is located west of SWMU-8 and south of a vehicle storage/maintenance yard. SWMU-8 is a closed 4.3-acre ash landfill located along the southern edge of Fort Novosel. During previous sampling events at SWMU-8 tetrachloroethene (PCE) was detected in the upgradient SWMU-8 monitoring well and side gradient wells. An RFI for AOC-S completed in 2012 showed that groundwater within the investigation area was impacted with concentrations exceeding the PCE MCL of five micrograms per liter (ug/L). The apparent source of the PCE was a washrack that was operated from the 1950s to the late-1980s. PCE was not detected in soil in the vicinity of the washrack indicating that the source and may have been removed during removal of the washrack. The PCE plume dimensions are approximately 2,900 feet by 900 feet and it covers approximately 60 acres. The plume has migrated southward following groundwater flow past the Fort Novosel boundary. PCE concentrations range from 120 ug/L at approximately 500 feet downgradient of the apparent source to 17 ug/L at the installation boundary. The maximum PCE concentration off-post is eight ug/L which exceeds the MCL. A CMS/CMIP for AOC-S dated July 2013 was submitted to and approved by ADEM. The CMS/CMIP recommended installation of a PCE treatment technology (an oxidizing treatment zone) followed by MNA and risk assessment. The PCE treatment technology of potassium permanganate candles was installed in November 2013. Groundwater monitoring under the CMI(O) was initiated in December 2013. The CMI report was submitted to ADEM for review in January 2014 and included an environmental use restriction document as required by ADEM. Cleanup/Exit Strategy - Groundwater monitoring will continue. Periodic reviews will be completed every five years. LUCs consist of the following restricted activities - groundwater use and residential use/development. CMI(O) will continue until remedial objectives are achieved.

01252.1117_CC AOC-A1_BURIED DEBRIS BEHIND SCHOOL

Env Site ID: CC AOC-A1

Cleanup Site: BURIED DEBRIS BEHIND SCHOOL

Alias: SWMU 97

Regulatory Driver: RCRA-C

RIP Date: 10/1/2027

RC Date: 9/30/2058

RC Reason: Not assigned

SC Date: 9/30/2058

Program: ENV Restoration, Army

Subprogram: IR

NPL Status: No

Hazardous Ranking Score: 0

RRSE: Not Evaluated

MRSPP: N/A

Phase	Start	End
RFA:	6/15/1989	10/15/1989
CS:	--	--
RFI/CMS:	3/15/2013	9/30/2025
DES:	10/1/2025	9/30/2026
IRA:	--	--
CMI(C):	10/1/2026	9/30/2027
CMI(O):	10/1/2027	9/30/2058
LTM:	--	--

Site Narrative: This site consists of approximately seven acres of land which formerly contained a fenced playground/grass area associated with the former Primary School and 23 acres of wooded land to the west beyond the fenced area. The school ended operation in May 2020 and was demolished in October 2020. Prior to construction of the school building in the 1970s the site was reportedly operated as a junkyard with apparent areas of stored debris as depicted in a 1961 aerial photograph. In 2012 Fort Novosel was in the preliminary stages of designing a consolidated school to be located in the general footprint of the existing primary school once demolished. In a couple of instances during past excavations on school grounds items such as chunks of concrete bricks asbestos shingles and other cultural debris were found. Directly behind the school grounds there is an area that contains a large amount of discarded concrete, old discarded paint cans, pesticide containers, cars, refrigerators, bricks, and numerous other items. An environmental assessment was performed for the consolidated school project included a geophysical survey using an electromagnetic geophysical instrument followed by an intrusive subsurface survey. The geophysical survey identified five anomalous zones for further investigation. Four additional locations were recommended for further investigation based on surface observations. The subsurface survey consisted of installing borings in these selected areas to identify any buried debris or contaminants. Debris was observed in six out of 29 soil borings. Samples for laboratory analysis were collected from four of the borings. Concentrations for arsenic exceeded USEPA's RSL and ADEM's preliminary screening values (PSV) for residential soil in each of the four samples; however, the concentration for arsenic was below or equal to the background concentration established for Fort Novosel. The total chromium concentration in each of the samples exceeded the RSLs and PSVs for hexavalent chromium but was several orders of magnitude below the RSLs for trivalent chromium. The analysis did not distinguish between trivalent and hexavalent chromium. Aluminum arsenic iron and vanadium exceeded the PSVs in each of the four samples. Multiple SVOCs were detected in the samples, five of which exceeded the RSLs and PSVs for residential soil - (benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenzo(ah)anthracene, and indeno(123-cd)pyrene. On Oct. 29, 2012, in

accordance with Fort Novosel's corrective action permit Section III.C.1, the subsurface survey report was submitted to the ADEM for review. In a letter dated Feb. 6, 2013, ADEM requested that Fort Novosel perform an RFI to determine the nature and extent of contamination and submit an RFI report within 180 days. The RFI report was forwarded to ADEM in February 2015. On Jun. 30, 2016, the PBA expired without receiving approval or comments on the RFI report. In a letter dated Jan. 17, 2017, ADEM responded requesting additional investigations. Additional RFI activities were conducted in 2019-2020 to address ADEM comments and were documented in the February 2021 Report submitted to ADEM. The RFI is currently underway and pending regulatory concurrence. Cleanup/Exit Strategy - A CMS will be developed followed by a CMIP for implementation based on ADEM acceptance of the RFI.

01252.1118_FTRU-184_PFAS

Env Site ID: FTRU-184

Cleanup Site: PFAS

Alias: #

Regulatory Driver: CERCLA

RIP Date: 10/1/2028

RC Date: 10/1/2028

RC Reason: Not assigned

SC Date: 10/2/2028

Program: ENV Restoration, Army

Subprogram: IR

NPL Status: No

Hazardous Ranking Score: 0

RRSE:

MRSPP: N/A

Phase	Start	End
PA:	9/30/2017	5/13/2019
SI:	5/14/2019	9/30/2022
RI/FS:	11/1/2022	10/1/2028
RD:	--	--
IRA:	11/1/2025	10/1/2027
RA(C):	--	--
RA(O):	--	--
LTM:	--	--

Site Narrative: Per direction from Deputy Chief of Staff (DCS) G-9 site created to account for all per- and polyfluoroalkyl substances (PFAS) costs at the installation. A Preliminary Assessment (PA) for areas of potential interest (AOPI) in which current or potential historical activities may have involved the use of PFAS with a focus on perfluorooctane sulfonate (PFOS), perfluorooctanoic acid (PFOA), and perfluorobutanesulfonic acid (PFBS) constituents was conducted in 2018. The PA identified 38 AOPIs (28 operational locations) for investigation during the Site Inspection (SI) phase that was conducted in multiple phases between 2020 and 2021. SI sampling results from the 38 AOPIs were compared to risk-based screening levels calculated by the Office of the Secretary of Defense (OSD) for PFOS, PFOA, and PFBS. PFOS, PFOA, and/or PFBS were detected in soil and/or groundwater at all 38 AOPIs; however only 35 of the 38 AOPIs (25 of the 28 operational locations) had PFOS, PFOA, and/or PFBS present at concentrations greater than the risk-based screening levels. The Fort Novosel PA/SI identified the need for further study in a Comprehensive Environmental Response Compensation and Liability Act (CERCLA) remedial investigation (RI) which is underway. Cleanup/Exit Strategy -A feasibility study (FS) will be conducted to help determine future remedial action based on the results of the RI.

01252.1108_FTRU-001-R-01_ANTI-TANK ROCKET/GRENADE R

Env Site ID: FTRU-001-R-01

Cleanup Site: ANTI-TANK ROCKET/GRENADE R

Alias: AOC-W

Regulatory Driver: RCRA-D

RIP Date: 10/1/2027

RC Date: 9/30/2054

RC Reason: Not assigned

SC Date: 9/30/2054

Program: ENV Restoration, Army

Subprogram: MR

NPL Status: No

Hazardous Ranking Score: 0

RRSE: N/A

MRSPP: 3

Phase	Start	End
RFA:	2/15/2002	5/15/2003
CS:	9/15/2003	6/15/2005
RFI/CMS:	10/15/2008	9/30/2025
DES:	--	--
IRA:	3/15/2011	12/15/2015
CMI(C):	10/1/2025	9/30/2027
CMI(O):	10/1/2027	9/30/2054
LTM:	--	--

Site Narrative: The Anti-Tank Rocket/Grenade Range (AT-RGR) is located northeast of the cantonment and occupies approximately 57 acres of other-than-operational range designated area. The anti-tank rocket/grenade range consists of three distinct sub-sites - Anti-tank Rocket Range No. 1, Anti-tank Grenade Range No. 1, and an unnamed range. As noted in the historical records review training in the AT-RGR at Fort Novosel took place from about 1942 to 1952. Much of the former range area (approximately 39.1 acres) has been converted to a golf course for use by installation personnel and guests. Most of this portion of the former range area consists of maintained grassy areas with very few trees. The remainder of the range area (17.9 acres) is wooded. These wooded areas generally lack significant undergrowth and are easily accessible. Most of the ground surface in the wooded areas is covered with leaf litter and fallen limbs/trees. In June 2005, the SI was completed to collect sufficient data to draw conclusions as to whether the site required immediate response required an RFI/CMS or qualified for no further action. The SI recommended completion RFI/CMS to investigate for munitions and explosives of concern (MEC) and stated that no further action was indicated for evaluation of munitions constituents (MC) given the SI sample results. The 2015 Phase I RFI investigated a total of 385 anomalies of 1,242 detected anomalies potentially representing subsurface MEC. The intrusive investigation resulted in the recovery of 21 MEC items from the AT-RGR munitions response site (MRS). A CMS was developed to evaluate four alternatives for developed and undeveloped portions of the MRS. ADEM reviewed the RFI report and requested that additional investigation be performed. A time-critical removal action (TCRA) was conducted and completed in 2015 over the 2012 MRS boundaries (52 acres). The TCRA included surface removal of MEC in all undeveloped areas and subsurface removal of MEC to depth of detection in all developed areas of AT-RGR. The Phase II RFI/CMS field investigations were conducted in April 2020 and January/February 2021 to address potential MEC and MC hazards at both the AT-RGR MRS and the IGR MRS. The Final Phase II RFI/CMS Report was submitted to ADEM in January 2022. Fort Novosel received ADEM comment on Apr. 12, 2023 requesting additional field investigation. Cleanup/Exit Strategy - Pending approval of the RFI/CMS a CMIP will be conducted.

01252.1110_FTRU-003-R-01_INFILTRATION/GRENADE RANGE

Env Site ID: FTRU-003-R-01

Cleanup Site: INFILTRATION/GRENADE RANGE

Alias: AOC-X

Regulatory Driver: RCRA-D

RIP Date: 10/1/2027

RC Date: 9/30/2054

RC Reason: Not assigned

SC Date: 9/30/2054

Program: ENV Restoration, Army

Subprogram: MR

NPL Status: No

Hazardous Ranking Score: 0

RRSE: N/A

MRSPP: 3

Phase	Start	End
RFA:	2/15/2002	5/15/2003
CS:	9/15/2003	6/15/2005
RFI/CMS:	10/15/2008	9/30/2025
DES:	--	--
IRA:	--	--
CM(C):	10/1/2025	9/30/2027
CM(O):	10/1/2027	9/30/2054
LTM:	--	--

Site Narrative: The Infiltration/Grenade Range is adjacent to but not contiguous with the AT-RGR. Much of the former range area is currently used as a golf driving range and occupies some 47.9 acres (rounded to 48 acres) of other-than-operational range designated area. A previous estimate of the area covered by this site (76.3 acres) was shown to be incorrect because it did not take into account overlapping portions of the individual ranges. The range is made up of three distinct sub-sites - Infiltration Range No. 2, Grenade Range No. 1, and the Rifle Grenade Fragmentation Range. The 36.6 acres of the former range area consists of mowed and maintained grassy areas that are used as a driving range and as part of the equestrian center. The remainder of the range area (11.3 acres) is wooded. The wooded areas are generally relatively thick with meandering horse trails. Most of the ground surface in the wooded areas is covered with leaf or pine needle litter. In June 2005, the SI was completed and recommended further investigations focused on MEC. Site data including site size and type are based on the RFI and CMS reports for sites FTRU-001-R-01 AT-RGR (01252.1108) and FTRU-003-R-01 Infiltration/Grenade Range (01252.1110) dated September 2012. ADEM reviewed the RFI report and requested that more investigation be performed. The Final Phase II RFI/CMS Report was submitted to ADEM in January 2022. Fort Novosel received ADEM comment on Apr. 12, 2023. Cleanup/Exit Strategy - Pending approval of the RFI/CMS a CMIP will be conducted.

SITE SUMMARY

SITE CLOSEOUT SUMMARY

CRL ID	Site Name	Site Closeout Date
01252.1002	FTRU-002_LF NORTH OF AEROMED RES BLD SWM	10/15/2015
01252.1003	FTRU-003_LF SW CORNER RED CLOUD/COPTER R	1/31/2007
01252.1004	FTRU-004_LF PROPERTY DISPOSAL YARD, SWMU	10/31/1994
01252.1005	FTRU-005_LF S OF ENGR RD & N OF RESV BND	3/31/2007
01252.1006	FTRU-006_LF S OF CASTLE RD & N OF BNDRY,	2/29/1996
01252.1007	FTRU-007_LF S OF DILLY BR/N OR CASTLE RD	2/29/1996
01252.1009	FTRU-009_LANDFILL NEAR ENTRANCE STOR YAR	11/30/1986
01252.1010	FTRU-010_SI HATCH ROAD NEAR LAKE, SWMU 2	9/30/1998
01252.1011	FTRU-011_LF GULLY ON AIRPORT RD/NEAR SH9	11/30/1986
01252.1014	FTRU-014_MUNICIPAL WASTE INCINERATOR, SW	11/30/1986
01252.1015	FTRU-015_HOSPITAL INCINERATOR, SWMU 23	11/30/1986
01252.1016	FTRU-020_MAIN POST LANDFILL, SWMU 5	11/30/1986
01252.1017	FTRU-022_PRESENT AMMO INSP PT BURN TRENC	11/30/1986
01252.1018	FTRU-023_FMR AMMO INSP PT BURN TRENCH, S	11/30/1986
01252.1019	FTRU-030_WASTEWATER TREATMENT PLANT, SWM	8/31/1992
01252.1020	FTRU-031_HATCHEY ARMY HELIPORT STP(LAGOO	11/30/1986
01252.1021	FTRU-032_KNOX ARMY HELIPORT STP (LAGOON)	11/30/1986
01252.1022	FTRU-033_LOWE WSTEWTR PRETREAT(CRREDX)PL	11/30/1986
01252.1023	FTRU-034_CAIRNS AHP SEWAGE TREAT PLANT,	11/30/1986
01252.1025	FTRU-041_STORAGE WASTE POL-10K GAL RR TA	1/31/1998
01252.1026	FTRU-042_STRG WAST POL(10K GAL RR TANK),	1/31/1998
01252.1027	FTRU-043_STORAGE WASTE POL(10K GAL UST)	11/30/1986
01252.1028	FTRU-044_STORAGE WASTE POL(10K GAL UST)	11/30/1986
01252.1029	FTRU-045_STORAGE WASTE POL(30K GAL AST),	1/31/1998
01252.1030	FTRU-046_WASTE POL(UST)(BLDG 4701) 2EA,	11/30/1986
01252.1031	FTRU-047_WASTE OIL(UST)(BLDG 6021) 2EA,	11/30/1986
01252.1032	FTRU-048_WASTE POL(UST) (BLDG 311) SWMU	11/30/1986
01252.1033	FTRU-049_WASTE POL(UST) (BLDG 1102) SWMU	11/30/1986
01252.1034	FTRU-050_WASTE POL(UST) (BLDG 1013), SWM	11/30/1986
01252.1036	FTRU-052_WST FUEL STR SW DILLY BR RD&AVE	1/31/1998
01252.1037	FTRU-070_PESTICIDE STOR/HANDLE(BLDG 1476	10/31/2004
01252.1038	FTRU-071_PESTICIDE STORE/HANDLE (BLD 142	11/30/1997
01252.1039	FTRU-073_HERBICIDE STORAGE (BLDG 1448),	10/31/2004
01252.1040	FTRU-075_PESTICIDE/HERBICIDE STE(BLD 200	2/29/1996
01252.1041	FTRU-079_WASHRACK W/ O W SEP(BLDG 1436),	2/29/1996
01252.1042	FTRU-080_WASHRACK W/O W SEP(LOWE AHP), S	1/31/1998
01252.1043	FTRU-081_WASHRACK W/O W SEP(BLDG 6035),	10/31/1994
01252.1044	FTRU-082_WASHRACK W/ O W SEP(BLDG 1412),	1/31/1998
01252.1045	FTRU-083_WASHRACK W/O W SEP(ALNG AREA),	10/31/1994
01252.1046	FTRU-084_WASHRACK W/O W SEP(4000 BLOCK),	11/30/1986
01252.1047	FTRU-085_WASHRACK W/O W SEP(11TH & 2ND A	11/30/1986
01252.1048	FTRU-086_WASHRACK W/O W SEP(FIRE STATION	11/30/1986

CRL ID	Site Name	Site Closeout Date
01252.1049	FTRU-087_WASHRACK W/O W SEP(BLDG 405), S	11/30/1986
01252.1050	FTRU-088_WASHRACK W/O W SEP(BLDG 708), S	11/30/1986
01252.1051	FTRU-089_WASHRACK W/O W SEP(BLDG 706), S	11/30/1986
01252.1052	FTRU-090_WASHRACK W/O W SEP(BLDG 709), S	11/30/1986
01252.1053	FTRU-091_WASHRACK W/O W SEP(BLDG 1406),	11/30/1986
01252.1054	FTRU-092_WASHRACK W/O W SEP(BLDG 1416),	11/30/1986
01252.1055	FTRU-093_WASHRACK W/O W SEP(BLDG 4710),	11/30/1986
01252.1056	FTRU-094_WASHRACK W/O W SEP(BLDG 25104),	11/30/1986
01252.1057	FTRU-095_WASHRACK W/O W SEP(BLDG 50201),	11/30/1986
01252.1058	FTRU-096_WASHRACK W/O W SEP(BLDG 30306),	11/30/1986
01252.1059	FTRU-097_WASHRACK W/O W SEP(BLDG 30301),	11/30/1986
01252.1060	FTRU-098_WASHRACK W/O W SEP(BLDG 50201),	11/30/1986
01252.1061	FTRU-099_WASHRACK W/O W SEP(BLDG 30125),	11/30/1986
01252.1062	FTRU-100_WASHRACK W/O W SEP(BLDG 60115),	11/30/1986
01252.1063	FTRU-101_SUMP DRAINAGE SYSTEM-POL SHOP S	1/31/1998
01252.1064	FTRU-102_RADIOLOGICAL WASTE STG (BLDG131	11/30/1986
01252.1065	FTRU-109_MATERIAL STORAGE (BLDG 6015), S	1/31/1998
01252.1066	FTRU-110_FORMER HAZ WASTE STORAGE AREA,	10/31/1994
01252.1067	FTRU-112_HAZ WASTE STG AREA BLDG 427, (S	11/30/1986
01252.1068	FTRU-113_MATERIAL STORAGE YARD(1200 AREA	11/30/1986
01252.1069	FTRU-114_PHOTOGRAPHIC LAB (BLDG 1109), S	11/30/1986
01252.1070	FTRU-115_NEW PCB MTR STORE(ENGR & DILLY	1/31/1998
01252.1071	FTRU-116_FMR WASTE PCB STRG (DPDO 113),	2/29/1996
01252.1072	FTRU-117_FMR WASTE PCB STRG(LUMBER YARD)	2/29/1996
01252.1073	FTRU-119_ACID PIT B/T BLDG 6015 & 6016,	10/31/1994
01252.1074	FTRU-120_STORM DRN OUTLETS,WASTE STRG AR	10/31/1994
01252.1075	FTRU-150_WASTE OIL (500 GAL TAK)(BLDG 405	11/30/1986
01252.1076	FTRU-151_WASTE OIL(500 GAL AST) (BLDG 70	11/30/1986
01252.1077	FTRU-152_FORMER PCB STORAGE AREA, SWMU 5	11/30/1986
01252.1078	FTRU-153_WASTE OIL(1000 GAL)(BLDG 1406)S	11/30/1986
01252.1079	FTRU-154_PCB STORAGE AREA, SWMU 52	11/30/1986
01252.1080	FTRU-156_VMS WASTE POL, UST, SWMU 37	11/30/1986
01252.1081	FTRU-157_AREA OF OIL SPILL, SWMU L	10/31/1994
01252.1082	FTRU-158_WASTE OIL(55 GAL DRUMS)(BLD 400	1/31/1998
01252.1083	FTRU-159_WASTE OIL(200 GAL UST)(BLD 4004	11/30/1986
01252.1084	FTRU-160_WASTE OIL(500 GAL AST)(BLD 4710	11/30/1986
01252.1085	FTRU-161_DEMOLISHED VEHICLE STORAGE YARD	10/31/1994
01252.1086	FTRU-162_SPENT BATTERY STRG, BLDG 6015,	1/31/1998
01252.1087	FTRU-163_WASTE OIL(UST) (BLDG 5410) SWMU	11/30/1986
01252.1088	FTRU-164_OLD DISMANTLED INCINERATOR,SWMU	11/30/1986
01252.1089	FTRU-165_WASTE OIL(AST) (BLDG 6015), SWM	1/31/1998
01252.1090	FTRU-166_WASTE OIL(200 GAL UST)(BLD 8304	11/30/1986
01252.1091	FTRU-167_WASTE OIL(50K GAL UST)(BLD 8303	11/30/1986
01252.1092	FTRU-168_EMPTY 50K GALLON TANK, SWMU A	11/30/1986
01252.1093	FTRU-169_8-BRAVO EOD RANGE, SWMU 65	11/30/1986

CRL ID	Site Name	Site Closeout Date
01252.1094	FTRU-170_WASTE OIL(UST) (ALNG SITE) SWMU	11/30/1986
01252.1096	FTRU-172_DIESEL, UST, SWMU H	2/28/2018
01252.1097	FTRU-173_UNKNOWN UST-LOWE AHP, SWMU I	11/30/1986
01252.1100	FTRU-176_INACTIVE CONSTRUCTION DEBRIS LF	11/30/1986
01252.1101	FTRU-177_MAIN SEWAGE TREATMENT PLANT, SW	11/30/1986
01252.1102	FTRU-178_VMS, WASTE POL, UST, SWMU 42	11/30/1986
01252.1103	FTRU-179_PRODUCT STORAGE AREA, SWMU D	8/31/1998
01252.1104	FTRU-180_FORMER HAZ. MAT'L DRUM STORAGE,	2/29/1996
01252.1105	FTRU-181_PCP DIP TANK, SWMU 69	2/29/1996
01252.1106	FTRU-182_BLDG 810, REFUELING POINT	7/31/1996
01252.1107	FTRU-183_CONTAMINATED SOIL, TANK HILL	1/31/1997
01252.1109	FTRU-002-R-01_LAKE THOLOCCO PISTOL RANGE	6/30/2005
01252.1111	FTRU-004-R-01_.22 CALIBER TARGET BUTT	9/30/2012
01252.1112	FTRU-005-R-01_A-Grenade and Bayonet Cour	6/30/2005
01252.1113	FTRU-006-R-01_B-Grenade and Bayonet Cour	6/30/2005
01252.1114	FTRU-007-R-01_C-Grenade and Bayonet Cour	6/30/2005

COMMUNITY INVOLVEMENT

Community Involvement Plan (Date Last Reviewed):	9/1/2021
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:	2/26/2023
RAB Results of Solicitation:	No public interest was expressed at that time.
Current Technical Assistance for Public Participation (TAPP):	N/A
TAPP Title:	N/A
Potential TAPP:	N/A
Administrative Record Location:	US Army Aviation Warfighting Center, Building 1121, Fort Novosel, AL 36362
Information Repository Location:	The Daleville Public Library, 3088 Donnell Boulevard, Daleville, AL 36322

FIVE-YEAR / PERIODIC REVIEW SUMMARY

Status	Review Type	Start Date	End Date	Plans Narrative	Actions Narrative	Results Narrative
Planned	PR	11/25/2024	10/5/2025	N/A	N/A	N/A
Completed	PR	11/25/2019	10/5/2020	HQAES 01252.1012 – Changed Site Conditions. HQAES 01252.1008/01252.1035 – Changed Site Conditions. HQAES 01252.1024 - Changed Site Conditions.	HQAES 01252.1012 - Upon approval of the modification to the HWCA permit, site will require resampling to further characterize groundwater contamination. HQAES 01252.1008/01252.1035 - Complete PA/SI to evaluate PFOS/PFOA and potential exposure pathways. HQAES 01252.1024 - Incorporate the 2019 CMI-P and the selected corrective measure of MNA and LTM into the HWCA permit.	HQAES 01252.1012 - Groundwater potentiometric surfaces need to be reevaluated. HQAES 01252.1008 and 01252.1035 - The evaluation of PFOS/PFOA has not been completed. HQAES 01252.1024 - CMI-P selected corrective measure needs to be incorporated into the HWCA permit.