

JFHQ ND ARNG

Army Cleanup Program

Installation Action Plan

2023

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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 Program
ENV	Environmental
FS	Feasibility Study
HQAES	Headquarters Army Environmental System
IR	Installation Restoration
IRA	Interim Remedial Action
LTM	Long-Term Management
LUC	Land Use Control
mg/kg	milligrams/kilogram
MC	Munitions Constituent
MD	Munitions Debris
MEC	Munitions and Explosives of Concern
MR	Munitions Response
MRSPP	Munitions Response Site Prioritization Protocol
NDNODS	Non-DoD Owned, Non-Operational Defense Sites
NFA	No Further Action
PA	Preliminary Assessment
RA(C)	Remedial Action (Construction)
RA(O)	Remedial Action (Operations)
RC	Response Complete
RCRA	Resource Conservation and Recovery Act
RD	Remedial Design
RI	Remedial Investigation
RIP	Remedy-In-Place

Acronym	Definition
ROD	Record of Decision
RRSE	Relative Risk Site Evaluation
SI	Site Inspection
USEPA	U. S. Environmental Protection Agency
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

WBS Element	AEDB-R Reference	Site Alias
6902A.1009	CC_NDHQ-004-R-01_NDNODS_Danzig_Rifle_Ra	

JFHQ ND ARNG

COMPLIANCE CLEANUP SITES

CC_NDHQ-004-R-01_NDNODS_Danzig_Rifle_Ra

HQAES ID: 6902A.1009

Alias: None

Regulatory Driver: CERCLA

RRSE: Not assigned

MRSP: Not assigned

RIP Date: 12/31/2035

RC Date: 12/31/2035

RC Reason: Not assigned

Program: Compliance Cleanup

Subprogram: CC

<i>Phases</i>	<i>Start</i>	<i>End</i>
PA	4/15/2007	9/15/2009
SI	7/15/2010	9/15/2012
RI/FS	1/1/2029	12/31/2033
RD	1/1/2034	1/31/2034
IRA	--	--
RA(C)	1/1/2034	12/31/2035
RA(O)	--	--
LTM	--	--

Site Narrative

The one-acre Danzig Rifle Range is located near Ashley, McIntosh County, North Dakota. The range was established in the 1980s and was used for small arms training until at least 1992. The exact years of use are unknown. The range consisted of a single earthen target berm and no side berms. Fire was directed north to south. The Site Inspection (SI) field work was conducted in 2011. Lead contaminated soils were discovered. The U. S. Environmental Protection Agency (USEPA) residential screening criterion for soil is 400 milligrams per kilogram (mg/kg) for total lead. Two soil samples exceeded the standard with results of 1,400 mg/kg and 20,000 mg/kg. Two additional samples were also above the North Dakota background concentration of 31 mg/kg. The SI recommends additional investigation for munitions constituents (MC) and no further action (NFA) for munitions debris (MD) or munitions and explosives of concern (MEC).

Defense Environmental Restoration Program (DERP) funding was used to complete work through the SI phase at this site. Non-DoD Owned, Non-Operational Defense Sites (NDNODS) moving forward with the Remedial Investigation/Feasibility Study (RI/FS) phase are reprogrammed into Compliance-related Cleanup (CC).

Cleanup/Exit Strategy An RI/FS will be completed at this site. Once the RI/FS is completed it is assumed a soil excavation will be required.

SITE CLOSEOUT SUMMARY

HQAES ID	Site Name	Site Closeout Date
6902A.1001	NDHQ-002-R-01_NDNODS Bismarck State Coll	9/30/2012
6902A.1002	NDHQ-007-R-01_NDNODS Hillsboro State Rif	9/30/2012
6902A.1003	NDHQ-001-R-01_NDNODS Amenia Rifle Range	9/30/2009
6902A.1004	NDHQ-005-R-01_NDNODS Garrison Small Arms	9/30/2012
6902A.1005	NDHQ-003-R-01_NDNODS Burt Rifle Range	6/15/2021
6902A.1006	NDHQ-004-R-01_NDNODS Danzig Rifle Range	9/30/2012
6902A.1007	NDHQ-006-R-01_NDNODS Hettinger Training	9/30/2016
6902A.1008	NDHQ-008-R-01_NDNODS Williston Small Arms Range	8/10/2020

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:	N/A
Administrative Record is located at:	North Dakota National Guard Joint Force Headquarters 432 Fraine Barracks Road, Building 030 Bismarck, ND 58501
Information Repository is located at:	North Dakota National Guard Joint Force Headquarters 432 Fraine Barracks Road, Building 030 Bismarck, ND 58501
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

AASF 2

Army Cleanup Program

Installation Action Plan

2023

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ACRONYMS

Acronym	Definition
AASF	Army Aviation Support Facility
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
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
PA	Preliminary Assessment
PFAS	Per- and Poly-fluoroalkyl Substances
RA(C)	Remedial Action (Construction)
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
SI	Site Inspection
UST	Underground Storage Tank

Acronym	Definition
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

WBS Element	AEDB-R Reference	Site Alias
38A64.1001	CCND2020-02-P_FARGO AASF2 PFAS CONTAM	

AASF 2

COMPLIANCE CLEANUP SITES

CCND2020-02-P_FARGO AASF2 PFAS CONTAM

HQAES ID: 38A64.1001

Alias: None

Regulatory Driver: CERCLA

RRSE: Not assigned

MRSP: Not assigned

RIP Date: 10/31/2023

RC Date: 10/31/2023

RC Reason: Not assigned

Program: Compliance Cleanup

Subprogram: CC

<i>Phases</i>	<i>Start</i>	<i>End</i>
PA	8/11/2017	5/15/2020
SI	8/17/2020	10/31/2023
RI/FS	--	--
RD	--	--
IRA	--	--
RA(C)	--	--
RA(O)	--	--
LTM	--	--

Site Narrative

A Preliminary Assessment (PA) was completed at Fargo Army Aviation Support Facility (AASF) #2 to assess potential per- and poly-fluoroalkyl substances (PFAS) release areas and exposure pathways to receptors. One Area of Interest (AOI) related to potential PFAS releases was identified at the Fargo AASF #2 during the PA. Interviews and records (covering 1993 to present) indicate that current or former Army National Guard activities may have resulted in potential PFAS releases at the one AOI identified during the PA. Based on the Conceptual Site Model developed for the AOI, there is potential for receptors to be exposed to PFAS contamination in soil, and groundwater at this AOI.

A Site Inspection (SI) is underway at the site. The draft final SI report was issued in September 2023, which concluded that no further actions are required.

Cleanup/Exit Strategy The site will be closed after the final SI report has been issued. No further actions are required.

SITE CLOSEOUT SUMMARY

None

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 all 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

BISMARCK AASF COMPLEX

Army Cleanup Program

Installation Action Plan

2023

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ACRONYMS

Acronym	Definition
AASF	Army Aviation Support Facility
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
DERP	Defense Environmental Restoration Program
DoD	Department of Defense
ENV	Environmental
FS	Feasibility Study
HQAES	Headquarters Army Environmental System
IR	Installation Restoration
IRA	Interim Remedial Action
LTM	Long-Term Management
LUC	Land Use Control
MRSPP	Munitions Response Site Prioritization Protocol
PA	Preliminary Assessment
PFAS	Per- and Polyfluoroalkyl Substances
PFHxS	Perfluorohexanesulfonic 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
RD	Remedial Design

Acronym	Definition
RI	Remedial Investigation
RIP	Remedy-In-Place
ROD	Record of Decision
RRSE	Relative Risk Site Evaluation
SI	Site Inspection
SL	Screening Level
TAPP	Technical Assistance for Public Participation
TRC	Technical Review Committee
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

WBS Element	AEDB-R Reference	Site Alias
38A15.1002	ND2020-01-P_BISMARCK AASF CMPLX PFAS CON	- -

BISMARCK AASF COMPLEX

INSTALLATION RESTORATION PROGRAM SITES

ND2020-01-P_BISMARCK AASF CMLPX PFAS CON

HQAES ID: 38A15.1002

Alias: None

Regulatory Driver: CERCLA

RRSE: Not assigned

MRSP: Not assigned

RIP Date: 6/30/2029

RC Date: 6/30/2029

RC Reason: Not assigned

Program: ENV Restoration, Army

Subprogram: IR

<i>Phases</i>	<i>Start</i>	<i>End</i>
PA	8/11/2017	5/15/2020
SI	8/17/2020	9/30/2023
RI/FS	6/30/2022	6/30/2029
RD	--	--
IRA	--	--
RA(C)	--	--
RA(O)	--	--
LTM	--	--

Site Narrative

A Preliminary Assessment (PA) was completed at Bismarck Army Aviation Support Facility (AASF) to assess potential per- and poly-fluoroalkyl substances (PFAS) release areas and exposure pathways to receptors. One Area of Interest (AOI) related to potential PFAS releases was identified at the Bismarck AASF during the PA at the Main Hangar. Interviews with North Dakota Army National Guard personnel (whose first-hand knowledge of the facility span 1995 to present) and records indicate that activities may have resulted in potential PFAS releases at AOI 1 identified during the PA.

A Site Inspection (SI) was conducted and the final SI report was issued in September 2023. The SI reports Perfluorooctanoic Acid (PFOA), Perfluorooctane Sulfonic Acid (PFOS) and perfluorobutanesulfonic acid (PFBS) in groundwater at concentrations above screening levels in samples collected from AOI 1. Further investigation in a remedial investigation (RI) is recommended.

During the SI, it was discovered that TriMax30™ fire extinguishers had occasionally been stored at the Fueling Area and the Fuel Truck Containment Structure since at least 2022. Based on this information, the Fueling Area and Fuel Truck Containment Structure will also be investigation as part of the RI.

The subject site was tracked as 38A15.1001 under the Compliance-related Cleanup (CC) program. In June 2022, this site was determined to be eligible for the Defense Environmental Restoration Program (DERP). The RI was awarded at the end of FY22 and will be conducted under DERP.

Cleanup/Exit Strategy The RI is funded and underway. Feasibility Study (FS) costs will require future funding. Further actions cannot be determined until after the RI/FS is complete.

SITE CLOSEOUT SUMMARY

HQAES ID	Site Name	Site Closeout Date
38A15.1001	CCND2020-01-P_BISMARCK AASF CMPLX PFAS	6/16/2022

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 all 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

Done

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

Done

Results, Actions & Plans

Done

LAND USE CONTROLS (LUC) SUMMARY

Done