

FY2011

JFHQ ME ARNG

Army National Guard Cleanup Program

Installation Action Plan

Public Version

FY2011

JFHQ ME ARNG

Army Defense Environmental Restoration Program

Installation Action Plan

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Statement of Purpose

The purpose of the Installation Action Plan (IAP) is to outline the total multiyear cleanup program for the Maine Army National Guard (MEARNG). The plan identifies environmental cleanup requirements at each site or area of concern, and proposes a comprehensive, installation-wide approach, along with the costs and schedules associated with conducting investigations and taking the necessary remedial actions (RA).

In an effort to coordinate planning information between the Army National Guard (ARNG) Directorate, the MEARNG, executing agencies, regulatory agencies, and the public, an IAP was completed. The IAP is used to track requirements, schedules, and budgets for all major ARNG cleanup programs. All site-specific funding and schedule information has been prepared according to projected overall Army funding levels and is, therefore, subject to change.

Acronyms

AEDB-R	Army Environmental Database-Restoration
ARNG	Army National Guard Directorate
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act of 1980
DD	Decision Document
Demo	Demolition
DERP	Defense Environmental Restoration Program
DoD	Department of Defense
ER,A	Environmental Restoration, Army
FRA	Final Remedial Action
FS	Feasibility Study
FY	Fiscal Year
IAP	Installation Action Plan
IRA	Interim Remedial Action
JFHQ	Joint Forces Headquarters
K	Thousand
LTM	Long Term Management
ME	Maine
MEARNG	Maine Army National Guard
MEHQ	Site Identification Prefix
mm	millimeter
MMRP	Military Munitions Response Program
MRS	Munitions Response Site
N/A	Not Applicable
NDNODS	Non-DOD Owned, Non Operational Defense Sites
NFA	No Further Action
NPL	National Priorities List
OB	Open Burning
OD	Open Detonation
PA	Preliminary Assessment
RA	Remedial Action
RA(C)	Remedial Action - Construction
RAB	Restoration Advisory Board
RC	Response Complete
RD	Remedial Design
RI	Remedial Investigation
RI/FS	Remedial Investigation/Feasibility Study
RIP	Remedy in Place
ROD	Record of Decision
SI	Site Inspection
TAPP	Technical Assistance for Public Participation
TBD	To be determined
TRC	Technical Review Committee
TS	Training Site
USACE	United States Army Corps of Engineers
USACHPPM	US Army Center for Health Promotion and Preventive Medicine

USAEC United States Army Environmental Command

Installation Information

Installation Locale

Installation Size (Acreage): 22646400

City: Augusta

County: Kennebec

State: Maine

Other Locale Information

The acreage represents the entire state of Maine. The city and county represent the location of the Joint Forces Headquarters (JFHQ) building.

Installation Mission

The Department of Defense, Veterans, and Emergency Management protects the lives, property and welfare of the people by maintaining the National Guard, providing veterans' services and coordinating emergency management.

Lead Organization

Headquarters, National Guard Bureau

Lead Executing Agencies for Installation

US Army Corps of Engineers (USACE), Albuquerque

Regulator Participation

State Maine Department of Environmental Protection

National Priorities List (NPL) Status

JFHQ ME ARNG is not on the NPL

Installation Restoration Advisory Board (RAB)/Technical Review Committee (TRC)/Technical Assistance for Public Participation (TAPP) Status

Installation Program Summaries

MMRP

Primary Contaminants of Concern: Metals

Affected Media of Concern: Soil

5-Year / Periodic Review Summary

No 5-Year / Periodic Reviews have been scheduled

Cleanup Program Summary

Installation Historic Activity

The National Guard, the oldest component of the Armed Forces of the United States and one of the nation's longest-enduring institutions, first mustered on Dec. 13, 1636. The authors of the Constitution empowered Congress to "provide for organizing, arming, and disciplining the militia." However, recognizing the militia's state role, the Founding Fathers reserved the appointment of officers and training of the militia to the states. Today's National Guard still remains a dual state-Federal force. The National Guard provides to the states units trained and equipped to protect life and property, while providing to the nation units trained, equipped and ready to defend the United States and its interests, all over the globe.

In support of its dual mission, the MEARNG has conducted training on Department of Defense (DoD) installations, non-DoD federally managed lands, state, tribal and privately owned properties.

Eligible Defense Environmental Restoration Program (DERP) cleanup sites in this IAP are captured under the Military Munitions Response Program (MMRP).

Installation Program Cleanup Progress

MMRP

Prior Year Progress: A Site Inspection (SI) was awarded and initiated in Fiscal Year (FY)10.

Future Plan of Action: The SI is expected to be completed in FY12.

JFHQ ME ARNG

**Army Defense Environmental Restoration Program
Military Munitions Response Program**

MMRP Summary

Installation Total Army Environmental Database-Restoration (AEDB-R) Sites/Closeout Sites Count: 16/0

Installation Site Types with Future and/or Underway Phases

- 2 Firing Range
(MEHQ-001-R-01, MEHQ-006-R-01)
- 1 Open Burning/Open Detonation (OB/OD)
(MEA65-001-R-01)
- 13 Small Arms Range
(MEB10-001-R-01, MEHQ-002-R-01, MEHQ-003-R-01, MEHQ-004-R-01, MEHQ-005-R-01, MEHQ-007-R-01, MEHQ-008-R-01, MEHQ-009-R-01, MEHQ-010-R-01, MEHQ-011-R-01, MEHQ-012-R-01, MEHQ-013-R-01, MEHQ-014-R-01)

Most Widespread Contaminants of Concern

Metals

Media of Concern

Soil

Completed Remedial Actions (Interim Remedial Actions/ Final Remedial Actions (IRA/FRA))

Site ID	Site Name	Action	Remedy	FY	Cost
N/A					

Duration of MMRP

Date of MMRP Inception: 200704

Estimated Date for Remedy-In-Place (RIP)/Response Complete (RC): 202009/202009

Date of MMRP completion including Long Term Management (LTM): 202009

MMRP Contamination Assessment

Contamination Assessment Overview

The MMRP was initiated to address defense sites that have unexploded ordnance, discarded military munitions, and munitions constituents and that are/were owned, leased, or operated by the Army, but are no longer operational. The Non-DoD Owned, Non-Operational Defense Sites (NDNODS); defined as those defense sites that were exclusively used by the ARNG and were never owned, leased or otherwise possessed or used by the Army or other DoD component; are a subcategory of munitions response sites (MRS).

In 2002-2003, the Army and the ARNG conducted an inventory of federally owned or leased MRS to fulfill the preliminary assessment (PA) under the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA). SIs, remedial investigations (RIs) and RAs have been implemented on MRS identified through this inventory effort, where a release is suspected or has been identified. As a part of this effort, 16 MRS were identified for the state of Maine and are discussed in a separate section of the IAP.

In 2005, the ARNG initiated an inventory of NDNODS to fulfill the PA phase under the CERCLA. ARNG completed the NDNODS Inventory in September 2009. As part of this effort, additional federally-owned and leased sites beyond the original 2002 inventory were also identified. The NDNODS were authorized as eligible for funding in the DERP on Feb. 26, 2010.

The SI phase for MRS identified as a result of the NDNODS inventory, inclusive of both state and federal MRS, was awarded in FY10 to be completed through a USACE national contract centrally managed at ARNG. The anticipated completion date for all SIs is Sept. 30, 2012.

For the state of Maine, 16 MMRP sites are currently being addressed in the SI phase. The Maine JFHQ will participate in Technical Project Planning meetings with stakeholders which will likely include state and federal regulators, federal land managers, ARNG, USACE and the contractor conducting the work.

Cleanup Exit Strategy

Based on the age of the MRS, munitions reported to have been used, and the duration of training activities, of the 16 MRS, five are anticipated to require no further action (NFA) beyond the SI, seven are anticipated to require NFA beyond the Remedial Investigation/Feasibility Study (RI/FS), and four are expected to proceed beyond RI/FS.

MMRP Previous Studies

	Title	Author	Date
2009	Final State/Territory Inventory Report, National Guard Bureau Non-Department of Defense Owned Non-Operational Defense Site Inventory for Maine	Malcolm Pirnie, Inc.	AUG-2009

JFHQ ME ARNG

Military Munitions Response Program

Site Descriptions

Site ID: MEA65-001-R-01

Site Name: NDNODS Hollis Plains TS - Demo Rng

STATUS

Regulatory Driver: CERCLA
MRSP Score: Evaluation pending
Contaminants of Concern: Metals
Media of Concern: Soil

Phases	Start	End
PA.....	200704.....	200909
SI.....	201007.....	201209
RIP Date:	N/A	
RC Date:	201209	

SITE DESCRIPTION

Hollis Plains Training Site (TS) - Demolition (Demo) Range is located in the town of Hollis, York County. The site is located adjacent to the active Hollis Plains TS in the southwestern portion of Maine.

Hollis Plains TS is an active training facility used by the MEARNG for a variety of training exercises, such as engineering projects, firing range drills, and personnel training. The Hollis Plains TS-Demo Range is located just north of the active portions of Hollis Plains TS on property owned by the State of Maine Inland Fisheries and Wildlife. The demo pit itself encompasses less than 0.5 acres. The site was used for demolition training exercises during the mid 1960s to mid 1980s.

According to a Limited SI performed in 2003 for both Hollis Plains Training Site and Deep Woods Training Facility, Hollis Plains TS-Demo Range had been used during the mid 1960s to mid 1980s, with one to two exercises performed per year. Typical training exercises included the construction of obstacles, such as buried cribbing (poles/lumber) with barbed wire. Demolition teams would set charges to destroy/clear the obstacle. Demolition was accomplished through the use of detonation cord, military explosives, and/or C-4.

Four soil samples for the Demo Range were collected during the 2003 Limited SI: three at the Demo Range itself and one across the gravel road. The samples were analyzed for semi-volatile compounds associated with explosives and for the metals lead, arsenic, and cadmium. Analysis for semi-volatiles and cadmium were reported as non-detected. Lead and arsenic were reported at low concentrations comparable with background concentrations for naturally occurring metals in soil in Maine. The conclusion of the Limited SI was no remediation required; however, the Limited SI activities and conclusions were not conducted under a state or federal regulatory program.

The site is located on a Department of Conservation Wildlife Sanctuary and hunting is prohibited. During a Nov. 7, 2008 site visit, the demo pit was observed, covered with leaves and twigs. No evidence of munitions were observed at the site.

CLEANUP/EXIT STRATEGY

An SI including a Historical Records Review was funded in FY10. It is assumed NFA will be required following the SI.

Site ID: MEB10-001-R-01
Site Name: NDNODS Lewiston Range

STATUS

Regulatory Driver: CERCLA
MRSP Score: Evaluation pending
Contaminants of Concern: Metals
Media of Concern: Soil

Phases	Start	End
PA.....	200704.....	200909
SI.....	201007.....	201209
RI/FS.....	201210.....	201509
RD.....	201510.....	201609
RA(C).....	201610.....	201909
RIP Date:	N/A	
RC Date:	201909	

SITE DESCRIPTION

The Lewiston Range is located in the town of Lewiston, in Androscoggin County, Maine. This site is located in central Maine southwest of the Lewiston exit on I-95 within a gravel pit, located across the street (Alfred Plourde Parkway [Pkw]) from the Lewiston Armory. The former range was used by the MEARNNG as a rifle range during the 1970s and 1980s. Based on the timeframe of use, expected munitions include .38 caliber, .45 caliber, 5.56 millimeter (mm), and 7.62mm ammunition.

CLEANUP/EXIT STRATEGY

An SI including a Historical Records Review was funded in FY10. An RI/FS will be completed to include soil sampling collected from the berm and other areas and analyzed for metals. Remedial Design (RD) will be completed for contaminated soil removal. During the Remedial Action (Construction) (RA(C)) phase, it is assumed that contaminated soil will be excavated from the contaminated berm areas and disposed of off-site. It is assumed NFA will be required following the RA(C).

Site ID: MEHQ-001-R-01
Site Name: NDNODS Alton Bog-Pea Cove Art. Rng.

STATUS

Regulatory Driver: CERCLA
MRSPP Score: Evaluation pending
Contaminants of Concern: Metals
Media of Concern: Soil

Phases	Start	End
PA.....	200704.....	200909
SI.....	201007.....	201209
RIP Date:	N/A	
RC Date:	201209	

SITE DESCRIPTION

Alton Bog-Pea Cove Artillery Range is located in the towns of Alton and Old Town. The training occurred at Ayerdale Farm (near Pea Cove), firing towards the Alton Bog. The site is currently located on many private properties. Alton Bog-Pea Cove Artillery Range was used for artillery training by the MEARNG from 1923 to 1932.

Based on newspaper articles from 1932, the site was used as a horse-drawn artillery training area in 1932 for the 152nd Regiment of the MEARNG. The newspaper articles described a 15-day training camp held at the Ayerdale Farm in 1932. The Ayerdale Farm was located near Pea Cove, and firing was described in the articles as having occurred at Pea Cove.

According to newspaper articles from 10-25 August 1932, approximately 400 men trained at the site. Ayerdale Farm was considered ideal for training, because the property was "high and dry" and have large open areas for maneuver training. It was also noted that the 152nd was "the best fully equipped artillery unit ever to be organized in the state of Maine." The troops camped at Camp Gardiner during training. French 75mm artillery were used at the site, firing at a distance of 3,000 to 3,500 yards.

It is assumed that firing occurred from Pea Cove into Alton Bog due to its proximity, as described in the 2004 US Army Center for Health Promotion and Preventative Medicine (USACHPPM) Report. According to MEARNG, it was fairly common to conduct artillery target practice into bog areas. The aforementioned distance of 3,000 to 3,500 yards would put the impact area in the middle of the bog.

A 2004 report by USACHPPM concludes that no live fire of artillery could be confirmed. However, it is important to note that the documentation from the 1930s was not used in the Range Assessment Report.

CLEANUP/EXIT STRATEGY

An SI including a Historical Records Review was funded in FY10. It is assumed NFA will be required following the SI.

Site ID: MEHQ-002-R-01
Site Name: NDNODS Bangor Range

STATUS

Regulatory Driver: CERCLA
MRSP Score: Evaluation pending
Contaminants of Concern: Metals
Media of Concern: Soil

Phases	Start	End
PA.....	200704.....	200909
SI.....	201007.....	201209
RI/FS.....	201710.....	202009
RIP Date:	N/A	
RC Date:	202009	

SITE DESCRIPTION

The Bangor Range is located 1.5 miles west of the city of Bangor, north of Hammond Street (Route 2). The site is located south of the current Bangor International Airport. The site is located in the forest on private property. The site includes a concrete foundation which likely held the targets and two earthen berms. The direction of fire was to the north towards the airport.

The range is located northwest of the intersection of Hammond Street and Hildreth Street, immediately south of U.S. Armed Forces Reserve Center and the Bangor International Airport. The site is currently forested. On the property, there still exists a concrete target foundation and two earthen berms. The site was used by the MEARNNG as a rifle range during the early 1920s. Based on the timeframe of use, expected munitions at the site include .30 caliber, .22 caliber, and .45 caliber.

CLEANUP/EXIT STRATEGY

An SI including a Historical Records Review was funded in FY10. An RI/FS will be completed to include soil sampling collected from the berm and other areas and analyzed for metals. It is assumed NFA will be required following the RI/FS.

Site ID: MEHQ-003-R-01
Site Name: NDNODS Belfast Range

STATUS

Regulatory Driver: CERCLA
MRSP Score: Evaluation pending
Contaminants of Concern: Metals
Media of Concern: Soil

Phases	Start	End
PA.....	200704.....	200909
SI.....	201007.....	201209
RI/FS.....	201210.....	201509
RD.....	201510.....	201609
RA(C).....	201610.....	201909
RIP Date:	N/A	
RC Date:	201909	

SITE DESCRIPTION

The Belfast Range is located in the town of Belfast, adjacent to the Little River. The site was located west of the Belfast Airport, with the old Belfast Armory on the far side of the airport. The site is located in a clearing of the forest on private property. The site includes a cliff face of a borrow pit that is still used by casual trespassers for target practice.

The 37.6-acre Belfast Range is described in archive documents as a 600-yard known distance rifle range with six targets. The site is located off of Lincolnville Avenue near the intersection with Edgecomb Road. The site is near the Little River and the Belfast Airport. The site is currently forested and on private property. The site was used by the MEARNG as a rifle range.

According to a 1919 document, it was constructed in that year. The last site documentation was. From 1943, so it is assumed that use of the site ended soon after. Based on the timeframe of use, expected munitions at the site include .22 caliber, .30 caliber, and .45 caliber ammunition. The property owner said that casual trespassers still use the range on occasion.

CLEANUP/EXIT STRATEGY

An SI including a Historical Records Review was funded in FY10. An RI/FS will be completed to include soil sampling collected from the berm and other areas and analyzed for metals. RD will be completed for contaminated soil removal. During the RA(C) phase, it is assumed that contaminated soil will be excavated from the contaminated berm areas and disposed of off-site. It is assumed NFA will be required following the RA(C).

Site ID: MEHQ-004-R-01
Site Name: NDNODS Bethel Range

STATUS

Regulatory Driver: CERCLA
MRSP Score: Evaluation pending
Contaminants of Concern: Metals
Media of Concern: Soil

Phases	Start	End
PA.....	200704.....	200909
SI.....	201007.....	201209
RI/FS.....	201710.....	202009
RIP Date:	N/A	
RC Date:	202009	

SITE DESCRIPTION

The Bethel Range is located in the town of Bethel on private property that is used as a tree farm. The site was used as a 1st Corps small arms target range in the 1920s. It is currently heavily forested, but a concrete backstop still exists at the site. No other range features were observed at the site during a Nov. 4, 2008 site visit.

Based on the timeframe of use, expected munitions included .22 caliber, .30 caliber, and .45 caliber ammunition.

CLEANUP/EXIT STRATEGY

An SI including a Historical Records Review was funded in FY10. An RI/FS will be completed to include soil sampling collected from the berm and other areas and analyzed for metals. It is assumed NFA will be required following the RI/FS.

STATUS

Regulatory Driver: CERCLA
MRSPP Score: Evaluation pending
Contaminants of Concern: Metals
Media of Concern: Soil

Phases	Start	End
PA.....	200704.....	200909
SI.....	201007.....	201209
RI/FS.....	201710.....	202009
RIP Date:	N/A	
RC Date:	202009	

SITE DESCRIPTION

The Camden Range is located in Camden Hills State Park in the town of Camden. The MEARNNG used the site in the 1920s. The site was a rifle range with 200-, 300-, 500-, and 600-yard targets. A concrete backstop still exists at the heavily wooded site, behind Mount Battie and at the base of Mount Megunticook.

A 1989 book described the construction of a small arms range in 1921 behind Mount Battie and at the base of Mount Megunticook. This former small arms range was used throughout the 1920s by the MEARNNG. Based on the timeframe of use, expected munitions at the site would include .22 caliber, .30 caliber, and .45 caliber ammunition.

CLEANUP/EXIT STRATEGY

An SI including a Historical Records Review was funded in FY10. An RI/FS will be completed to include soil sampling collected from the berm and other areas and analyzed for metals. It is assumed NFA will be required following the RI/FS.

Site ID: MEHQ-006-R-01
Site Name: NDNODS Great Sidney Bog

STATUS

Regulatory Driver: CERCLA
MRSP Score: Evaluation pending
Contaminants of Concern: Metals
Media of Concern: Soil

Phases	Start	End
PA.....	200704.....	200909
SI.....	201007.....	201209
RIP Date:	N/A	
RC Date:	201209	

SITE DESCRIPTION

Great Sidney Bog is located in the town of Sidney. Great Sidney Bog is bordered on the east by the Bog Road, Route 27, the south end of the Pond Road (Route 23), and Quaker Road border the bog on the west. The site is located on several private properties. Great Sidney Bog was used for artillery training by the MEARNG from approximately 1923 to 1925.

The range is within the Sidney Bog, east of Quaker Road. The bog area consisted of raised level bog, surrounded by single family residences. The site was used by the MEARNG as an artillery impact area in the 1920s and 1930s. Reported munitions use included French 75mm shrapnel projectiles and high explosive rounds fired from Camp Keyes in Augusta, Maine.

CLEANUP/EXIT STRATEGY

An SI including a Historical Records Review was funded in FY10. It is assumed NFA will be required following the SI.

Site ID: MEHQ-007-R-01
Site Name: NDNODS Hallowell Range

STATUS

Regulatory Driver: CERCLA
MRSP Score: Evaluation pending
Contaminants of Concern: Metals
Media of Concern: Soil

Phases	Start	End
PA.....	200704.....	200909
SI.....	201007.....	201209
RI/FS.....	201710.....	202009
RIP Date:	N/A	
RC Date:	202009	

SITE DESCRIPTION

The Hallowell Range was a rifle range located in the town of Hallowell, on the township border with Augusta. The range was used as a rifle range in the mid-1940s. The site is currently a cow pasture with I-95 running through the western portion. No range features were discovered at the site during the Nov. 3, 2008 site walk, other than a large hill that could have served as a backstop. Firing points were assumed to be on a small parcel to the west of I-95, as the highway cut through the original property boundaries.

A 1943 lease document described 15 acres of land used by the MEARNNG as a rifle range. The range was used during the 1940s. Based on the timeframe of use, expected munitions included .22 caliber, .30 caliber, and .45 caliber ammunition. The direction of fire was likely northeasterly into Howard Hill, located on the property.

CLEANUP/EXIT STRATEGY

An SI including a Historical Records Review was funded in FY10. An RI/FS will be completed to include soil sampling collected from the berm and other areas and analyzed for metals. It is assumed NFA will be required following the RI/FS.

Site ID: MEHQ-008-R-01
Site Name: NDNODS Livermore Falls Rifle Range

STATUS

Regulatory Driver: CERCLA
MRSP Score: Evaluation pending
Contaminants of Concern: Metals
Media of Concern: Soil

Phases	Start	End
PA.....	200704.....	200909
SI.....	201007.....	201209
RI/FS.....	201710.....	202009
RIP Date:	N/A	
RC Date:	202009	

SITE DESCRIPTION

The Livermore Falls Rifle Range is located in the town of Livermore Falls in Androscoggin County. This site is located in the southwestern portion of Maine. Archive documents identified a 600-yard range in the town of Livermore Falls in the 1920s. Interviews with the landowner and former landowner identified the location of the property in the woods behind a house on Souther Road. Based on the timeframe of use, expected munitions at the site include .22 caliber, .30 caliber, and .45 caliber ammunition. A concrete backstop is still present at the site.

CLEANUP/EXIT STRATEGY

An SI including a Historical Records Review was funded in FY10. An RI/FS will be completed to include soil sampling collected from the berm and other areas and analyzed for metals. It is assumed NFA will be required following the RI/FS.

Site ID: MEHQ-009-R-01
Site Name: NDNODS North Augusta Range

STATUS

Regulatory Driver: CERCLA
MRSP Score: Evaluation pending
Contaminants of Concern: Metals
Media of Concern: Soil

Phases	Start	End
PA.....	200704.....	200909
SI.....	201007.....	201209
RI/FS.....	201710.....	202009
RIP Date:	N/A	
RC Date:	202009	

SITE DESCRIPTION

North Augusta Range is located in the city of Augusta. The site was located along Sanford Road on city owned property (Augusta Sanitation District). The former North Augusta Range was located in a gravel pit; firing occurred in northeasterly direction into the side walls of the gravel pit.

The North Augusta Range was used by the MEARNG as a rifle range during the 1980s. Based on the timeframe of use, expected munitions at the site include .38 caliber, .45 caliber, 5.56mm, and 7.62mm ammunition.

CLEANUP/EXIT STRATEGY

An SI including a Historical Records Review was funded in FY10. An RI/FS will be completed to include soil sampling collected from the berm and other areas and analyzed for metals. It is assumed NFA will be required following the RI/FS.

Site ID: MEHQ-010-R-01
Site Name: NDNODS Oyster River Rifle Range

STATUS

Regulatory Driver: CERCLA
MRSPP Score: Evaluation pending
Contaminants of Concern: Metals
Media of Concern: Soil

Phases	Start	End
PA.....	200704.....	200909
SI.....	201007.....	201209
RI/FS.....	201210.....	201509
RD.....	201510.....	201609
RA(C).....	201610.....	201909
RIP Date:	N/A	
RC Date:	201909	

SITE DESCRIPTION

The Oyster River Rifle Range is located in the town of Warren in Knox County. The site is located along the central coast of Maine.

The site is located along ME-Route 90, east of Keating Road. The site was used by the MEARNG in the 1970s and the 1980s. Based on the timeframe of use, expected munitions include .38 caliber, .45 caliber, 5.56mm, and 7.62mm ammunition. The former range is currently a closed private gun club that was in operation until the mid-2000s.

CLEANUP/EXIT STRATEGY

An SI including a Historical Records Review was funded in FY10. An RI/FS will be completed to include soil sampling collected from the berm and other areas and analyzed for metals. RD will be completed for contaminated soil removal. During the RA(C) phase, it is assumed that contaminated soil will be excavated from the contaminated berm areas and disposed of off-site. It is assumed NFA will be required following the RA(C).

Site ID: MEHQ-011-R-01
Site Name: NDNODS Vinalhaven Range

STATUS

Regulatory Driver: CERCLA
MRSP Score: Evaluation pending
Contaminants of Concern: Metals
Media of Concern: Soil

Phases	Start	End
PA.....	200704.....	200909
SI.....	201007.....	201209
RI/FS.....	201710.....	202009
RIP Date:	N/A	
RC Date:	202009	

SITE DESCRIPTION

Vinalhaven Range is located on the island of Vinalhaven, off of North Haven Road. The site was used by the MEARNG in the 1920s as a rifle range. The property is currently mostly wooded. According to the property owner, a concrete backstop still exists, but there are no other range features on the property.

Based on the timeframe of use, expected munitions included .22 caliber, .30 caliber, and .45 caliber ammunition. The site is currently overgrown and chained off to the public. The property is used for a part-time residence.

CLEANUP/EXIT STRATEGY

An SI including a Historical Records Review was funded in FY10. An RI/FS will be completed to include soil sampling collected from the berm and other areas and analyzed for metals. It is assumed NFA will be required following the RI/FS.

Site ID: MEHQ-012-R-01
Site Name: NDNODS Woodstock Range

STATUS

Regulatory Driver: CERCLA
MRSP Score: Evaluation pending
Contaminants of Concern: Metals
Media of Concern: Soil

Phases	Start	End
PA.....	200704.....	200909
SI.....	201007.....	201209
RI/FS.....	201210.....	201509
RD.....	201510.....	201609
RA(C).....	201610.....	201909
RIP Date:	N/A	
RC Date:	201909	

SITE DESCRIPTION

The Woodstock Range is located in the town of Woodstock, in Oxford County, Maine. This site is located in western Maine, as depicted. The range is located south of Gore Hill Road. The site was used by the MEARNG as a rifle range during the 1980s. Based on the timeframe of use, expected munitions at the site include .38 caliber, .45 caliber, 5.56mm, 7.62mm, and 9mm ammunition.

CLEANUP/EXIT STRATEGY

An SI including a Historical Records Review was funded in FY10. An RI/FS will be completed to include soil sampling collected from the berm and other areas and analyzed for metals. RD will be completed for contaminated soil removal. During the RA(C) phase, it is assumed that contaminated soil will be excavated from the contaminated berm areas and disposed of off-site. It is assumed NFA will be required following the RA(C).

STATUS

Regulatory Driver: CERCLA
MRSP Score: Evaluation pending
Contaminants of Concern: Metals
Media of Concern: Soil

Phases	Start	End
PA.....	200704.....	200909
SI.....	201007.....	201209
RIP Date:	N/A	
RC Date:	201209	

SITE DESCRIPTION

The former Norway Range was used for small arms training and was leased by the federal government. The site was first identified in 1939 Reservation of Funds document and last described in a 1946 Adjutant General Report.

According to the 1940-1942 Adjutant General Report, Norway Range was controlled by a Federal Lease. This information is confirmed in the 1946 Adjutant General Report, which is the last description of the Range.

According to historical documents, the Norway Range was used by the MEARNNG, Charlie Company, 103rd Infantry. The Norway Range consists of approximately 23 acres, and was a rifle range with 200, 300, 500 and 600 yard firing lines. The MEARNNG trained at the Norway Range in its capacity as a reserve for the United States Army.

CLEANUP/EXIT STRATEGY

An SI including a Historical Records Review was funded in FY10. It is assumed NFA will be required following the SI.

Site ID: MEHQ-014-R-01
Site Name: Hersey Hill Range

STATUS

Regulatory Driver: CERCLA
MRSP Score: Evaluation pending
Contaminants of Concern: Metals
Media of Concern: Soil

Phases	Start	End
PA.....	200704.....	200909
SI.....	201007.....	201209
RIP Date:	N/A	
RC Date:	201209	

SITE DESCRIPTION

The 328.5-acre Hersey Hill Range is located along Charleston Road, northwest of the town of Dexter on Hersey Hill. It is a heavily forested area. The site was used during the 1920s through the 1940s as a 500-yard rifle range with two targets. The site is first identified in 1924 Reservation of Funds documents and last described in a 1946 Adjutant General Report. Expected munitions include .22 caliber and .30 caliber ammunition.

According to the Dexter Historical Society, a large concrete wall is located at the site where the targets were placed for the MEARNG unit in Dexter. Six firing mounds still exist. A 1935 photograph from the Dexter Historical Society website shows troops firing in the direction of the hillside.

The property owner of the site knew of the former Hersey Hill Range, but stated he had never seen evidence of the former range on his property. He thought that the former range was actually located on the adjacent property. He stated that the Hersey Hill Range had previously been located on his property; however, it had not been used in more than 50 years (1940s or 1950s). He stated the area was completely overgrown now and he was not aware of any range features still present.

He would prefer to not sign a right of entry. He asked Malcolm Pirnie not to visit the site and to just include his interview information in the NDNODS Inventory Report. Therefore, no site visit was performed at this site.

The boundaries of this site are based on the current acreage of the property parcel. Because the exact range location is unknown, the entire parcel is considered the MRS.

CLEANUP/EXIT STRATEGY

An SI including a Historical Records Review was funded in FY10. It is assumed NFA will be required following the SI.

Site Closeout (No Further Action) Summary

Site ID	Site Name	NFA Date	Documentation
There are no NFA sites			

MMRP Schedule

Date of MMRP Inception: 200704

Past Phase Completion Milestones

2009

PA (MEA65-001-R-01 - NDNODS Hollis Plains TS - Demo Rng , MEB10-001-R-01 - NDNODS Lewiston Range, MEHQ-001-R-01 - NDNODS Alton Bog-Pea Cove Art. Rng., MEHQ-002-R-01 - NDNODS Bangor Range, MEHQ-003-R-01 - NDNODS Belfast Range, MEHQ-004-R-01 - NDNODS Bethel Range, MEHQ-005-R-01 - NDNODS Camden Range, MEHQ-006-R-01 - NDNODS Great Sidney Bog, MEHQ-007-R-01 - NDNODS Hallowell Range, MEHQ-008-R-01 - NDNODS Livermore Falls Rifle Range, MEHQ-009-R-01 - NDNODS North Augusta Range, MEHQ-010-R-01 - NDNODS Oyster River Rifle Range, MEHQ-011-R-01 - NDNODS Vinalhaven Range, MEHQ-012-R-01 - NDNODS Woodstock Range, MEHQ-013-R-01 - Norway Range, MEHQ-014-R-01 - Hersey Hill Range)

Projected Phase Completion Milestones

See attached schedule

Projected Record of Decision (ROD)/Decision Document (DD) Approval Dates

To Be Determined

Final RA(C) Completion Date: 201909

Schedule for Next Five-Year Review: N/A

Estimated Completion Date of MMRP at Installation (including LTM phase): 202009

JFHQ ME ARNG MMRP Schedule

= phase underway

SITE ID	SITE NAME	PHASE	FY12	FY13	FY14	FY15	FY16	FY17+
MEA65-001-R-01	NDNODS Hollis Plains TS - Demo Rng	SI						
SITE ID	SITE NAME	PHASE	FY12	FY13	FY14	FY15	FY16	FY17+
MEB10-001-R-01	NDNODS Lewiston Range	SI						
		RI/FS						
		RD						
		RA(C)						
SITE ID	SITE NAME	PHASE	FY12	FY13	FY14	FY15	FY16	FY17+
MEHQ-001-R-01	NDNODS Alton Bog-Pea Cove Art. Rng.	SI						
SITE ID	SITE NAME	PHASE	FY12	FY13	FY14	FY15	FY16	FY17+
MEHQ-002-R-01	NDNODS Bangor Range	SI						
		RI/FS						
SITE ID	SITE NAME	PHASE	FY12	FY13	FY14	FY15	FY16	FY17+
MEHQ-003-R-01	NDNODS Belfast Range	SI						
		RI/FS						
		RD						
		RA(C)						
SITE ID	SITE NAME	PHASE	FY12	FY13	FY14	FY15	FY16	FY17+
MEHQ-004-R-01	NDNODS Bethel Range	SI						
		RI/FS						
SITE ID	SITE NAME	PHASE	FY12	FY13	FY14	FY15	FY16	FY17+
MEHQ-005-R-01	NDNODS Camden Range	SI						
		RI/FS						
SITE ID	SITE NAME	PHASE	FY12	FY13	FY14	FY15	FY16	FY17+
MEHQ-006-R-01	NDNODS Great Sidney Bog	SI						
SITE ID	SITE NAME	PHASE	FY12	FY13	FY14	FY15	FY16	FY17+
MEHQ-007-R-01	NDNODS Hallowell Range	SI						
		RI/FS						
SITE ID	SITE NAME	PHASE	FY12	FY13	FY14	FY15	FY16	FY17+
MEHQ-008-R-01	NDNODS Livermore Falls Rifle Range	SI						
		RI/FS						
SITE ID	SITE NAME	PHASE	FY12	FY13	FY14	FY15	FY16	FY17+
MEHQ-009-R-01	NDNODS North Augusta Range	SI						
		RI/FS						
SITE ID	SITE NAME	PHASE	FY12	FY13	FY14	FY15	FY16	FY17+
MEHQ-010-R-01	NDNODS Oyster River Rifle Range	SI						
		RI/FS						
		RD						
		RA(C)						
SITE ID	SITE NAME	PHASE	FY12	FY13	FY14	FY15	FY16	FY17+
MEHQ-011-R-01	NDNODS Vinalhaven Range	SI						
		RI/FS						

JFHQ ME ARNG MMRP Schedule

SITE ID	SITE NAME	PHASE	FY12	FY13	FY14	FY15	FY16	FY17+
MEHQ-012-R-01	NDNODS Woodstock Range	SI						
		RI/FS						
		RD						
		RA(C)						
SITE ID	SITE NAME	PHASE	FY12	FY13	FY14	FY15	FY16	FY17+
MEHQ-013-R-01	Norway Range	SI						
SITE ID	SITE NAME	PHASE	FY12	FY13	FY14	FY15	FY16	FY17+
MEHQ-014-R-01	Hersey Hill Range	SI						

Community Involvement

Technical Review Committee (TRC): None

Community Involvement Plan (Date Published): TBD

Restoration Advisory Board (RAB): No

Reason Not Established:

Name of Installation with RAB:

Additional Community Involvement Information

These sites have recently been discovered. The sites are currently in the SI phase. Once more information is gathered on the sites the community will be involved.

Administrative Record is located at

To be determined

Information Repository is located at

To be determined

Potential TAPP: N/A

