

FINAL PUBLIC INVOLVEMENT PLAN
REMEDIAL INVESTIGATION/FEASIBILITY STUDY
FORT HANCOCK FORMERLY USED DEFENSE SITE
MONMOUTH COUNTY, NEW JERSEY

Contract No.: W912QR-12-D-0011, Delivery Order DA01

Prepared for:

**U.S. Army Corps of Engineers
Baltimore District**



**US Army Corps
of Engineers®**
BUILDING STRONG®

Prepared by:

ERT, Inc.

October 2015

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SECTION 1

OVERVIEW

1.1 INTRODUCTION

1.1.1.1 This Public Involvement Plan (PIP) has been prepared for the Remedial Investigation and Feasibility Study (RI/FS) at the Fort Hancock Formerly Used Defense Site (FUDS), located on the Sandy Hook peninsula in Monmouth County, New Jersey. This investigation will be conducted by ERT, Inc., (ERT) under contract to the United States Army Corps of Engineers (USACE).

1.1.1.2 The Remedial Investigation (RI) at the Fort Hancock FUDS (hereafter referred to as Fort Hancock) falls under the Department of Defense (DoD)'s Military Munitions Response Program (MMRP), which was designed to address unexploded ordnance (UXO), munitions and explosives of concern (MEC), discarded military munitions (DMM), and munitions constituents (MC) located on current and former military installations. In general, MEC is a safety hazard and may constitute an imminent and substantial hazard to site personnel and the public. Project activities along the eastern portion of the Sandy Hook peninsula will include land and marine geophysical surveys to locate potential MEC, intrusive investigations to identify and remove these items as needed, and environmental sampling to test for the presence of MC such as metals or explosives.

1.1.1.3 The purpose of this PIP is to ensure that the community is adequately informed of project activities throughout the duration of the project and provided with opportunities for involvement in the environmental restoration process. This plan serves as the framework for public involvement and is tailored specifically for the community surrounding Fort Hancock. Specific goals of this plan are to describe the community affected by the project, identify key concerns expressed by stakeholders, and outline public involvement activities that will be conducted by USACE during investigation and cleanup activities. The community is encouraged to use this plan to learn whether their particular concerns have been addressed, to expand their knowledge of the upcoming investigation, and to become further involved in the RI/FS process.

1.1.1.4 This PIP was originally finalized in January 2012, reflecting all project activities up to that point. This revised version of the PIP incorporates new and/or changed information since that time. In particular, since the initial RI activities, as documented in the RI Report (*Final MMRP Remedial Investigation Report, Fort Hancock Formerly Used Defense Site, January 2014*), the National Park Service (NPS) has permitted access to an area previously excluded from the field investigation. Planning for the investigation of munitions response site (MRS) MRS 06 is scheduled for late 2015.

1.2 PLAN ORGANIZATION

1.2.1 Implementation and Sources

1.2.1.1 Public involvement during the RI/FS will be promoted via the activities outlined in this plan. USACE Baltimore District (CENAB) and USACE New York District (CENAN) will oversee the implementation of these activities. For the purposes of this plan, CENAB and CENAN are referred to jointly as “USACE” unless specific district responsibilities are discussed.

1.2.1.2 This document is equivalent in function and content to the U.S. Environmental Protection Agency (USEPA) Community Relations Plan (CRP). Sources for developing this PIP included USACE and EPA guidance documents. In particular, this PIP was prepared in accordance with EP-1110-1-18, EP-1110-3-8, ER-200-3-1 and EM-CX IGD 06-04. This PIP is tailored to accommodate any site-specific agreements between the U.S. Army and the NPS. Information specific to the Fort Hancock community was derived from past investigations and consultation with USACE and the project stakeholders during the RI/FS planning process. This PIP will be revised throughout the course of the project to accurately reflect community concerns and public involvement opportunities.

1.2.2 Organization

1.2.2.1 This document explains the rationale for conducting an RI/FS at the site, identifies community concerns associated with the site, and outlines the planned activities necessary to promote community knowledge and participation during the RI/FS. Locations of public information sessions and the information repository, relevant contact information, and a site map are provided in Appendices A through F.

SECTION 2

FUDS PROPERTY DESCRIPTION

2.1 OVERVIEW

2.1.1 Overview

2.1.1.1 This section describes the history and geography of the project area and summarizes prior investigations to ensure that community members unfamiliar with the site understand the reasons for conducting a remedial investigation at Fort Hancock.

2.2 FUDS PROPERTY LOCATION

2.2.1 Site Location

2.2.1.1 Fort Hancock is located on the Sandy Hook peninsula in Monmouth County, New Jersey, in the Lower Bay of the Hudson River. Raritan Bay is north of Fort Hancock, Sandy Hook Bay borders the site on the west, and the Atlantic Ocean is east of the peninsula. The peninsula, which encompasses approximately 1,700 acres, is known as the Sandy Hook Unit of the Gateway National Recreation Area and is a National Historic Landmark. It is currently managed by the Department of the Interior (NPS) and the U.S. Coast Guard, and is used for a variety of recreational purposes year-round. The closest city is Highlands, located on the mainland of New Jersey, south of the peninsula.

2.2.2 Cultural and Environmental Resources

2.2.2.1 The Sandy Hook peninsula includes full-time and seasonal residences and facilities owned by numerous agencies (see Section 3.1 for detailed community information). Drinking water for the entire Sandy Hook peninsula is supplied by one well that extends approximately 397 feet deep into a confined aquifer, and surrounding boroughs receive drinking water from other public community supply wells. Surface water bodies at Fort Hancock are non-potable.

2.2.2.2 Most of the Sandy Hook peninsula has been identified by NJDEP as a Natural Heritage Priority Site, which is a significant natural area that contains essential habitat for sensitive species. Sensitive ecological communities within Fort Hancock include a globally-rare 231-acre Maritime Holly Forest and coastal dune systems, along with forested and freshwater wetlands, estuarine and marine wetlands, sandy beaches and small ponds. The Sandy Hook peninsula is also recognized by the National Audubon Society as a globally-significant Important Bird Area (IBA) because it supports a viable breeding population of the federally-threatened and state-endangered Piping Plover (*Charadrius melodus*). Other threatened, endangered and special concern species within or near Fort Hancock include eight plants, one insect, one turtle and one fish and are primarily associated with beach and dune habitats.

2.2.2.3 Based on previous archaeological investigations, Fort Hancock may include archaeological artifacts, features and sites that are associated with the former military use of Fort Hancock. The Fort Hancock and Sandy Hook Proving Ground Historic District, which includes all of the Fort's structures, and the Sandy Hook Lighthouse are National Historic Landmarks. Potentially significant resources include ordnance because Fort Hancock was also a proving ground, where experiments with prototype ordnance were conducted. There is a low probability of recovering prehistoric artifacts, but the identification of small sites or isolated finds is possible.

2.3 FUDS PROPERTY HISTORY

2.3.1 History of Site Use and Ownership

2.3.1.1 During the American Revolution, the Sandy Hook peninsula was occupied by British troops. After the colonists gained independence, Sandy Hook was established as a coastal defense position to protect the New York Harbor. Preliminary military activities, such as partial stone fort construction by the U.S. Engineers and experimental gun testing, were conducted in the 1800s. Over its long history, Fort Hancock occupied much of the 1,700 acres of the Sandy Hook Unit. Many military buildings still exist, including housing, batteries, and silos scattered throughout the peninsula.

2.3.1.2 The Fort Hancock FUDS was the U.S. Army's first official proving ground for testing weapons and ordnance, such as smokeless powder testing. The federal government chose the Sandy Hook peninsula for this proving ground in 1874. After the proving ground moved to Aberdeen Proving Ground (APG), Maryland, in 1918, Fort Hancock was used for training World War I troops and for anti-aircraft defense until the end of World War II.

2.3.1.3 Fort Hancock was deactivated in 1950 and was temporarily used during the Korean conflict until 1953. In 1954, the fort was reactivated as a Nike missile site, where Nike Ajax missiles were originally housed and were subsequently replaced with Nike Hercules missiles. In 1956, the U.S. Army established an important radar facility at Fort Hancock. The U.S. Army deactivated Fort Hancock for the final time in 1974. During this time period, approximately several hundred acres of the peninsula were relinquished to the State of New Jersey for use as a state park. The NPS later took possession of this acreage and integrated Sandy Hook State Park into the larger Gateway National Recreation Area.

2.3.1.4 In 1978, the U.S. Army sold 1,623.85 acres to the NPS and this property became the current Sandy Hook Unit of the Gateway National Recreation Area. The remaining 67.78 acres was transferred to the U.S. Coast Guard. The entire peninsula was declared a National Historical Landmark in 1982.

2.4 FUDS PROPERTY INVESTIGATIONS AND CLEANUP ACTIVITIES

2.4.1 Previous Investigations

2.4.1.1 Since the NPS acquisition of the site, USACE has conducted several investigations to address the potential presence of items associated with historical military activities at Fort

Hancock. Numerous MEC and Munitions Debris (MD) items have been recovered from various portions of the Sandy Hook peninsula, including items deposited along beaches during dredging operations. Sampling associated with those investigations indicated slightly elevated concentrations for some metals, including arsenic and lead, in surface soil, sediment and surface water.

2.4.2 RI/FS Project Area

2.4.2.1 The purpose of the RI is to adequately characterize the nature and extent of any potential MC contamination or MEC hazards resulting from the past military use of Fort Hancock. The purpose of the FS is to evaluate remedial alternatives that will effectively eliminate or reduce these hazards to human health and the environment. The RI/FS will be performed in accordance with the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA).

2.4.2.2 MEC is known or suspected to be present in Fort Hancock, and much of this acreage is highly trafficked by the public. The presence of munitions poses potential public health hazards associated with recreational and occupational use, and the presence of associated contamination (MC) poses potential public and environmental health hazards.

2.4.2.3 ERT performed the initial phase of the RI for USACE during the fall and winter of 2011 and the RI Report was finalized in January 2014. The RI included investigation of eight MRSs (seven land-based and one ocean MRS). Project objectives were met, nature and extent of MC and MEC was characterized and human health and ecological risks were assessed. However, based on environmentally sensitive locations, NPS identified "excluded areas" where USACE was limited in terms of field work activities that could be conducted. This impacted the ability of USACE to fully investigate MRS-7, the Livens Discovery Area, where NPS excluded areas accounted for 24.2 of 29 acres, i.e., 4.8 acres could be fully investigated.

2.4.2.4 The RI revealed detailed information about the locations and potential locations of MEC and MC across the former Fort Hancock, and areas known or suspected to contain MEC are now smaller, and MRS boundaries have thus been reduced; the eight MRS as discussed above were adjusted accordingly, resulting in the five current MRSs shown in Appendix F. These five MRSs replace those identified in the 2014 RI Report. The Livens Discovery Area, previously designated MRS-7, is now designated MRS 06; it is the subject of the current investigation planning.

SECTION 3

COMMUNITY BACKGROUND

3.1 COMMUNITY PROFILE

3.1.1 Overview

3.1.1.1 This section provides a description of the community in the vicinity of the project area, a brief chronology of prior community involvement, and a summary of key community concerns.

3.1.2 Sandy Hook Peninsula

3.1.2.1 The Sandy Hook peninsula is currently part of the Gateway National Recreation Area and is used for a variety of purposes year-round. Public attractions include access to a 5-mile multi-use pathway, the Sandy Hook Visitor Center, the Sandy Hook Lighthouse, and the Sandy Hook Bird Observatory. NPS Ranger-led programs, self-led programs, cooperative educational programs, and teacher workshops are available on Sandy Hook. Recreational activities include hiking, wind surfing, boating, swimming, and beach fishing. Commercial and non-commercial fishing may occur in surrounding freshwater, estuarine and marine waters. An oceanfront restaurant is situated on the southern portion of the peninsula. Public attractions directly related to Fort Hancock include the Fort Hancock Museum, and many former Fort Hancock military buildings still exist, including housing, batteries, and silos. NPS has stated that Sandy Hook, including the Fort Hancock FUDS, will remain part of the Gateway National Recreation Area in the future and that no changes to the current land use are projected. No significant population growth or development is anticipated.

3.1.2.2 The NPS employs 55 permanent staff and 94 temporary (summer) employees who work at Sandy Hook. Numerous buildings are leased by the NPS to a variety of agencies and groups for educational and scientific research purposes, including the Marine Academy of Science and Technology (a co-educational four-year high school) and the James J. Howard Marine Sciences Laboratory (shared by the National Oceanic Atmospheric Administration [NOAA] and the State of New Jersey). Approximately 15 private residents lease buildings (duplexes and one single housing unit) on NPS property that are inhabited as permanent or semi-permanent residences. The NPS also allows archaeologists to investigate cultural and archaeological resources at Fort Hancock.

3.1.2.3 An active U.S. Coast Guard Station is maintained on the northwestern corner of the peninsula. Numerous Coast Guard employees and many of their family members reside on the 68-acre Coast Guard property. The Coast Guard Family Housing includes 67 housing units with an average of three people per unit, totaling approximately 200 residents. Approximately 100 service people/employees are present on the U.S. Coast Guard property on a typical day. The current mission of the U.S. Coast Guard, including search and rescue, national homeland security, law enforcement, and recreational boating safety, is not expected to change.

3.1.2.4 The New Jersey Sea Grant Consortium (NJSGC) (formerly known as the New Jersey Marine Sciences Consortium [NJMSC]) annually serves approximately 20,000 school children and 500 educators through its successful K-12 education programs, all conducted in its coastal classroom along the beaches, bay shores, and marshes of Sandy Hook. The associated non-profit Sandy Hook Child Care Center serves a maximum of 15 children per day.

3.1.3 Nearby Communities

3.1.3.1 The borough of Highlands, New Jersey is located on the mainland, south of the peninsula close to the mainland access point, and is home to approximately 5,000 residents.

3.2 COMMUNITY INVOLVEMENT

3.2.1 History of Community Involvement

3.2.1.1 Due to previous investigations and munitions response actions at Fort Hancock, the community has been made aware of the history of the site, the potential presence of additional munitions, and the general nature of the FUDS program. MD items have been found on the peninsula by residents and employees, and there is a reasonable probability of accidentally encountering additional items in publically-accessible areas. After the 2007 Site Inspection (SI), formal safety briefings were provided for NPS representatives (the property owner) to ensure they are aware of the potential dangers involved in MEC items that may exist at the property. The NPS promotes public education of these risks via site-wide institutional controls, including warning signage and information sheets. The protection of sensitive habitats on the peninsula also serves to reduce public exposure risks.

3.2.1.2 Key community concerns addressed during previous investigations and activities at the site are similar to the key concerns outlined below.

3.3 KEY COMMUNITY CONCERNS

3.3.1 Sensitive Environmental and Historical Resources

3.3.1.1 Key community interests include the preservation of sensitive ecosystems at the site by minimizing impacts to vegetation. Ecological communities of particular concern include coastal dune systems and wetlands, and the Maritime Holly Forest at Sandy Hook has been identified as one of the largest remaining examples of a globally rare plant community.

3.3.1.2 Another key community interest is the protection of threatened, endangered and special concern species at the site by minimizing disturbance to wildlife and associated habitats. Species of particular concern include the federally-threatened and state-endangered Piping Plover (*Charadrius melodus*), the federally-threatened and state-endangered Seabeach Amaranth (*Amaranthus pumilus*), and the state-endangered Sea-beach Knotweed (*Polygonum glaucum*) (also called Seaside Knotweed).

3.3.2 Sensitive Historical Resources

3.3.2.1 Key community interests also include the preservation of archaeological artifacts, features and sites that are associated with the former military use of Fort Hancock, including ordnance. Preservation of prehistoric artifacts at the site is also of concern.

3.3.3 Public Health and Safety

3.3.3.1 Key community interests also include the protection of public health and ensuring public safety during the RI/FS in the event that munitions are recovered. Concerns focus primarily on minimizing the risks of exposure to MC, MEC and explosive hazards, and minimizing the unintentional creation of new pathways into protected areas where unauthorized personnel may encounter these hazards.

3.4 RESPONSE TO COMMUNITY CONCERNS

3.4.1 Response to Stakeholder Concerns

3.4.1.1 Prior to the preparation of this PIP, the key stakeholder concerns outlined above were addressed during the project planning process as described in Section 4.2.1. Project stakeholders represent various facets of the community and were given the opportunity to provide input into certain project decisions, particularly those that may affect communities at Fort Hancock.

3.4.2 Response to Additional Community Concerns

3.4.2.1 Planned community involvement activities are outlined in Section 4 of this PIP.

SECTION 4

PUBLIC INVOLVEMENT

4.1 PUBLIC INVOLVEMENT OVERVIEW

4.1.1 Objectives

4.1.1.1 This section outlines the public involvement activities that will be performed at Fort Hancock to promote two-way communication between USACE and the public. These activities are designed to communicate the project status, upcoming activities, and findings to the public and to provide opportunities for public input.

4.2 PUBLIC INVOLVEMENT ACTIVITIES

4.2.1 Addressing Key Stakeholder Concerns

4.2.1.1 Key concerns expressed by stakeholders were addressed via the Technical Project Planning (TPP) meeting on 8 July 2010, distribution of and comment/response to the TPP meeting minutes, additional conference calls, and the overall Work Plan review process. The project details continue to be refined as additional stakeholder feedback is provided.

4.2.1.2 A public information session was held on January 6, 2011 at the Gateway National Recreation Area Theater, Sandy Hook, New Jersey, to present the draft-final investigation work plan and to solicit stakeholder comments. Future information sessions may be scheduled following completion of field work to discuss the investigation findings

4.2.1.3 A TPP meeting was also convened by USACE November 13, 2013 at the NPS headquarters building to provide the stakeholders with an update of project progress following the initial field work activities and to address remaining stakeholder comments. There were two sessions: the morning session, which was conducted with NJDEP personnel to discuss and resolve their comments on the Draft-Final RI Report, and the afternoon session, which included all stakeholders and focused on NPS comments on the document. Based on discussions at this TPP meeting, the RI Report (*January 2014*) was finalized.

4.2.1.4 Stakeholders currently involved in the TPP process are included on a distribution list maintained by USACE (CENAN) and have access to a project FTP site managed by ERT. Work plans, public information session announcements and other project updates are provided to stakeholders electronically or via hard copy, as appropriate. If additional stakeholders are identified during the RI/FS process, the distribution list will be updated accordingly.

4.2.2 Planned Activities

4.2.2.1 Public involvement activities are planned to provide accurate and timely information to the community throughout the various stages of investigation and cleanup for this project. These activities are designed to strengthen communication between USACE and the public. USACE will initiate all communication with the public for this project, respond to public concerns or delegate these responses as appropriate, and act as the point of contact between the public and the project team.

4.2.2.1.1 The USACE (CENAN) Public Affairs Office will coordinate all contact with local media sources during the the RI/FS, including press releases, public information session advertisements and media inquiry responses. A brief fact sheet describing Fort Hancock, the completed SI and the recommended RI/FS is provided in Appendix A. Further dissemination of project information via media outlets will be provided by CENAN.

4.2.2.1.2 Public information sessions will be held to promote community awareness of the project activities and the role of USACE in the RI/FS process. Informal public availability sessions may be held to facilitate communication via poster sessions or presentations, where knowledgeable project personnel are available to respond to public questions and concerns. Formal meetings may be held when USACE plans to formally accept public comments on response actions for the Administrative Record. The public will be notified in advance of scheduled public information session and formal meeting dates.

- A public information session was held on the evening of January 6, 2011 at the Gateway National Recreation Area Theater, Sandy Hook, New Jersey, prior to initiation of field work for the initial phase of activities. USACE and ERT personnel presented information on Fort Hancock and the upcoming RI/FS and were available for informed discussion with interested community members. See Appendix A (Public Notice and Public Information Session Fact Sheet) for contact information.

4.2.2.1.3 Following completion of the RI/FS and PP, a 30-day public review and comment period will be advertised by USACE to ensure that all public comments on the proposed remedial action for the site are received and addressed in the final Decision Document (DD). This document presents the final selected remedial action for the site. A public information session or formal meeting may be scheduled prior to or during this public comment period to disseminate relevant information and to ensure that the community is well-informed.

4.2.2.1.4 Contact information for project personnel, stakeholders, local officials and other key community leaders and resources is available in Appendix C of this PIP. Local media outlets and additional resources available to the community are listed in Appendices D and E.

4.2.2.1.5 An administrative record for this project is maintained at an information repository at the Eastern Branch of the Monmouth County Library, 1001 Route 35, Shrewsbury, NJ. These documents will be available to the public as non-circulating reference materials and may include this PIP, the final RI/FS reports, and appropriate documentation of completed investigation efforts. See Appendix B (Proposed Information Repository Location) for contact information.

4.2.2.1.6 Some outreach mechanisms are not currently planned for this site. Community concerns regarding Fort Hancock investigations are well-established and addressed in the RI/FS work plan, and identification of new concerns via community interviews is not anticipated. In June 2015, CENAN advertised a public notice requesting interest in the establishment of a Restoration Advisory Board (RAB). Historically, a RAB has not been deemed necessary due to the NPS ownership of the site, the relatively low-impact and short-term nature of the investigation, and sufficient community involvement via the activities outlined above. Should sufficient interest be determined, CENAN will support establishment of a RAB. Finally, special briefings for local officials and presentations to civic groups are possible upon request, but the need for these events is not currently anticipated.

4.2.3 Revisions

4.2.3.1 This PIP was originally finalized in January 2012, reflecting progress on this project to that point. This current version represents an update based on additional work completed since then, and changes to contact information provided in Appendix C.

4.2.3.2 Revisions to this PIP will continue to be conducted as necessary to incorporate new and updated information, to ensure that community concerns are adequately addressed throughout the RI/FS process, to assess whether completed community relations activities were effective, and to prepare for additional public involvement activities.

APPENDIX A

PUBLIC NOTICE AND FACT SHEET DISTRIBUTED AT PUBLIC INFORMATION MEETING

**A public information meeting was advertised January 4, 2011
and conducted on January 6, 2011:**

Fort Hancock Theater, Building 67
Gateway National Recreation Area
Sandy Hook, New Jersey

Affidavit of Publication

**State of New Jersey} SS.
MONMOUTH/OCEAN COUNTIES**

Personally appeared by Marissa DellaPietro

of the **Asbury Park Press**, a newspaper printed in Freehold, NJ and published in NEPTUNE, in said County and State, and of general circulation in said county, who being duly sworn, depose and saith that the advertisement of which the annexed is a true copy, has been published in the said newspaper (1) ONE times, once in each issue, as follows

Tuesday January 4, 2011

2011

**JENNIFER L. FAGAN
NOTARY PUBLIC OF NEW JERSEY
MY COMMISSION EXPIRES APRIL 14, 2013**

Notary Public of New Jersey

Sworn and subscribed before me this
13th day of January 2011



NOTICE OF PUBLIC INFORMATION MEETING FOR ENVIRONMENTAL INVESTIGATION PLANNED FOR THE FORMER FORT HANCOCK AT THE SANDY HOOK UNIT OF GATEWAY NATIONAL RECREATION AREA

Interested parties are hereby notified that the U.S. Army Corps of Engineers will be conducting an environmental investigation focusing on the past use of military munitions at the former Fort Hancock, at Sandy Hook, New Jersey. A public informational meeting regarding the investigation is being held on Thursday, January 6, 2011, 7:00 P.M. at the Fort Hancock Theater, Bldg. 67, Gateway National Recreation Area, Sandy Hook, New Jersey. The Theater is located on Hartshome Drive, just past the Officer's Row Houses within the Fort Hancock Historic District.

The military history of Sandy Hook dates back to the American Revolution. In 1874, Fort Hancock was chosen as the U.S. Army's first official proving ground for testing weapons and ordnance. All experimental guns and carriages for seacoast defense were tested there until 1918. After 1918, Fort Hancock continued to function as an important post for anti-aircraft defense. During World War I, Fort Hancock was used as a training center for troops going overseas. In 1961, the Army began relinquishing portions of the property to the State of New Jersey for use as a State Park, and by 1978, the property was turned over to the National Park Service.

The investigation is being conducted under the Formerly Used Defense Site program, and the meeting will include a short presentation, display information, and informal discussion regarding the investigation's work plan, scheduling and details. In the future, the public will be invited to review and comment on any of the recommendations of the investigation report.

For additional information, please contact:
Mr. Gregory J. Goepfert, Project Manager, U.S. Army Corps of Engineers, New York District,
Attn: CENAN-PP-E, 26 Federal Plaza, New York 10278, Tel: (917) 790-8235

AP-5000398014



FORT HANCOCK – SANDY HOOK, NJ

Formerly Used Defense Site

U.S. ARMY CORPS OF ENGINEERS

BUILDING STRONG.

Description

Fort Hancock consisted of 1,691.63 acres fee and 1.14 acres easement on Sandy Hook, New Jersey. The site is in Congressional District NJ-6, and is situated about 10 miles south of the entrance to New York Harbor. Fort Hancock was acquired by the U.S. between 1806 and 1909 by various deeds and other instruments. It was used for a variety of purposes, including the Nation's first proving ground, a fort, firing range, anti-aircraft defense, and training. During the 1950s, a Nike battery installation was built. In 1974, the fort was deactivated, and in 1978, 1623.85 acres fee and 1.14 acres easement were transferred to the Department of the Interior. The remaining 67.78 acres fee was transferred to the U.S. Coast Guard. The Department of the Interior – National Park Service and the U.S. Coast Guard are the present owners. Fort Hancock is currently part of the Gateway National Recreation Area operated by the National Park Service.

Authorizations

The Fort Hancock site is being investigated under the Defense Environmental Restoration Program for Formerly Used Defense Sites (FUDS). The Superfund Amendments and Reauthorization Act of 1986 authorized that program. The Department of Defense Military Munitions Response Program (MMRP) addresses the potential explosives safety, health and environmental issues caused by past munitions-related activities at current and former military installations. MMRP funding for former military installations is provided under the FUDS program.

Status (As of August 2015)

The Corps is performing an MMRP remedial investigation at the former Fort Hancock site. The Site Specific Work Plan for the Fort Hancock site was developed and a Technical Project Planning (TPP) meeting was held with interested stakeholders. The scope of the investigation was presented in a public information meeting held on January 6, 2011. Field work began the following week, and continued through March 25, 2011; further work during this phase of effort was suspended because of the presence of nesting shore birds. The field investigation work resumed in October 2011 and was completed in December 2011; a total of nine munitions items were found, but only two of the items discovered contained minor amounts of residual explosive material. Those items were properly removed and disposed of. Several areas were identified which contained metal munitions-related scrap material determined as safe. A remedial investigation report was prepared and distributed to stakeholders in March 2014. Additional remedial investigation work was conducted to test soils in an area designated as "B003" in the northern sector of the Sandy Hook peninsula; no unacceptable risk for human health or the environment was evidenced for metals concentrations in soils. A report regarding this work is being finalized as an addendum to previous investigation, and will be released in the near future. One additional area will be investigated in the Fall of 2015, and a report of findings will be prepared and released as the second addendum to the original investigation in 2016. Upon the conclusion of this investigation and preparation of an alternatives analysis in a *Feasibility Study*, the U. S. Army Corps of Engineers will release a *Proposed Plan* for public comment and a public meeting will be held to solicit public comment on the *Proposed Plan* (2017 timeframe).

Project Cost

Estimated Federal Cost [MMRP Remedial Investigation]	\$2,400,000
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Contact

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917-790-8235

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U.S. ARMY CORPS OF ENGINEERS – NEW YORK DISTRICT

26 Federal Plaza, Jacob K. Javitz Federal Building

New York, NY 10278

www.nan.usace.army.mil

APPENDIX B

INFORMATION REPOSITORY LOCATION

Information Repository located at:

Eastern Branch Monmouth County Library

1001 Route 35

Shrewsbury, NJ 07702-4398

(866) 941-8188 (toll free)

<http://www.monmouthcountylib.org/>

APPENDIX C

CONTACT LIST OF ELECTED OFFICIALS, KEY PERSONNEL, AND LOCAL STAKEHOLDERS

**ELECTED OFFICIALS –
FEDERAL AND STATE CONTACTS**

U.S. Senator - New Jersey:

Hon. Cory Booker
324 Senate Hart Office Building
Washington, DC 20510
(202) 224-3224

One Gateway Center, Suite 302
Newark, NJ 07102
(973) 639-8700

One Port Center
Two Riverside Drive – Suite 505
Camden, New Jersey 0810
(856) 338-8922

Chief of Staff:
Daniel E. Katz (Washington, DC address)

State Director:
Steven Lenox (Newark, NJ address)

South Jersey Director:
Michael J. Maitland (Camden, NJ address)

U.S. Senator - New Jersey:
Hon. Robert Menendez
528 Senate Hart Office Building
Washington, DC 20510
(202) 224-4744

One Gateway Center, Suite 1100
Newark, NJ 07102
(973) 645-3030

208 White Horse Pike, Suite 18
Barrington, New Jersey 08007
(856) 757-5353

Chief of Staff:
Daniel O'Brien (Barrington, NJ address)

**U.S. Congressional Representative -
Monmouth County**

Hon. Frank Pallone, Jr., 6th District
237 Cannon Building
Washington, D.C. 20515
(202) 225-4671

67/69 Church St.
Kilmer Square
New Brunswick, N.J. 08901
(732) 249-8892

504 Broadway
Long Branch, NJ 07740
(732) 571-1140

Chief of Staff:
Jeff C. Carroll (Washington, DC address)

District Director:
Janice Fuller (Long Branch, NJ address)

U.S. Congressional Representative

Hon. Chris Smith, 4th District
2373 Rayburn HOB
Washington, DC 20515
(202) 225-3765

112 Village Center Dr., 2nd Floor
Raintree Shopping Center
Freehold, NJ 07728
(732) 780-3035

**ELECTED OFFICIALS –
STATE AND COUNTY CONTACTS**

New Jersey State Government

Governor of New Jersey:

Hon. Chris Christie
Office of the Governor
P.O. Box 001
Trenton, NJ 08625
(609) 292-6000

State Senator for Monmouth County:

Hon. Joseph M. Kyrillos, Jr. 13th District
10 Highway 35, 2nd Floor
Red Bank, NJ 07701
(732) 671-3206

Monmouth County Government

Monmouth County Hall of Records
1 East Main Street
Freehold, NJ 07728

County Administrator:

Teri O'Connor
(732) 431-7384

Clerk to the Board of Chosen Freeholders:

James S. Gray
(732) 431-7387

Office of the Monmouth County Clerk
33 Mechanic Street
Freehold, NJ 07728

Monmouth County Clerk:

Christine Giordano Hanlon
(732) 431-7324

Local Government

Mayor of Borough of Highlands:

Frank L. Nolan
171 Bay Avenue
Highlands, NJ 07732
(732) 872-1224
fnolan@highlandsborough.org

Mayor of Borough of Middletown:

Anthony P. Fiore
1 Kings Highway
Middletown, NJ 07748
(732) 615-2024

Mayor of Borough of Sea Bright:

Dina Long
1167 Ocean Avenue
Sea Bright, NJ 07760
(732) 842-0099

Highlands Borough Clerk:

Carolyn Cummins
171 Bay Avenue
Highlands, NJ 07732
(732) 872-1224 Ext. 201
ccummins@highlandsborough.org

Sea Bright Borough

Acting Clerk/Administrator/Registrar:

Joseph L. Verruni
1167 Ocean Avenue
Sea Bright, New Jersey 07760
(732) 842-0099 Ext. 13

PROJECT MILITARY CONTACTS

**U.S. Army Corps of Engineers
Public Affairs Office**

U.S. Army Corps of Engineers
New York District, Public Affairs Office
Jacob K. Javits Federal Building
26 Federal Plaza, Rm 2109
New York, NY 10278
(917) 790-8007
CENAN-PA@usace.army.mil
<http://www.nan.usace.army.mil/index.php>

**U.S. Army Corps of Engineers,
New York District**
Gregory J. Goepfert
Project Manager
USACE New York District, CENAN-PP-E
26 Federal Plaza, Rm 1811
New York, NY 10278
(917) 790-8235
Gregory.J.Goepfert@usace.army.mil

U.S. Navy
LT Michael J. Morrison
Naval Weapons Station Earle, EODMU12
201 HWY 34 South
Colts Neck, NJ 07722
(732) 866-2258

**U.S. Army Corps of Engineers,
Baltimore District**
CENAB-EN-HN
10 South Howard Street, Room 10040-G
Baltimore, MD 21210

Technical Lead:
Julie Kaiser
(410) 962-2227
Julie.E.Kaiser@usace.army.mil

Geophysical Team Lead:
Tom Colozza
Thomas.S.Colozza@usace.army.mil

Explosive Safety Lead:
Paul Greene
(410) 962-6741
Paul.E.Greene@usace.army.mil

Risk Assessor:
Richard Braun, MD
(410) 962-2842
Richard.J.Braun@usace.army.mil

U.S. Coast Guard – Sandy Hook
CW02 Brian McCabe
Chief of Engineering Maintenance
Detachment Sandy Hook
20 Crispin Road
Highlands, NJ 07732
(732) 872-3460

U.S. Coast Guard – Staten Island
James Kerr, Environmental Specialist
Sector New York, Engineering
311 Battery Road
Staten Island, NY 10305
(718) 354-4324
James.Kerr@uscg.mil

**NATIONAL PARK SERVICE
CONTACTS**

Sandy Hook

58 Magruder Road
Fort Hancock, NJ 07732

*National Park Service Unit Coordinator –
Sandy Hook:*

Pete McCarthy
(732) 872-5913
Pete_McCarthy@nps.gov

Acting Chief Ranger – Gateway:

Robert Loudon
(732) 872-5934

*Natural Resource Management Specialist -
Gateway:*

Jeanne McArthur-Heuser
(732) 872-5936
Jeanne_McArthur-Heuser@nps.gov

*Cultural Resource Management Specialist -
Gateway:*

Felice Ciccione
(732) 872-5949
Felice_Ciccione@nps.gov

Gateway National Recreation Area

210 New York Avenue
Staten Island, NY 10305

Chief of Resource Management:

Patricia Rafferty
(718) 354-4625
Patricia_Rafferty@nps.gov

Chief of Natural Resource Management:

Doug Adamo
(718) 354-4510
Doug_Adamo@nps.gov

Chief of Cultural Resource Management:

Kathy Foppes
(718) 354-4562
Kathy_Foppes@nps.gov

Wildlife Biologist:

George Frame
(718) 354-4546
George_Frame@nps.gov

Horticulturist:

Michael Byer
(718) 354-4543
Michael_Byer@nps.gov

**U.S. ENVIRONMENTAL
PROTECTION AGENCY
CONTACTS**

U.S. EPA Region 2
Federal Facilities Section
Floor 18
290 Broadway
New York, NY 10007

Alida Karas
(212) 637-4328
Karas.alida@epa.gov

Doug Pocze
(212) 637-4432
Pocze.Doug@epa.gov

**U.S. FISH AND WILDLIFE SERVICE
CONTACTS**

U.S. Fish and Wildlife Service
New Jersey Field Office
927 North Main Street
Pleasantville, NJ 08232

Field Office Supervisor:
Eric Schradling
(609) 646-9310 Ext. 31
eric_schradling@fws.gov

Environmental Contaminants Specialist:
Clay Stern
(609) 646-9310 Ext. 27
(609) 383-3938 (Direct Number)
clay_stern@fws.gov

Endangered Species/Beaches:
Stephanie Egger
(609) 646-9310 Ext. 47
stephanie_egger@fws.gov

**NEW JERSEY DEPARTMENT OF
ENVIRONMENTAL PROTECTION
CONTACTS**

Gregory Zalaskus
NJDEP Emergency Management Program
P.O. Box 028
Trenton, NJ 08625
(609) 984-2065
Greg.Zalaskus@dep.state.nj.us

John Prendergast
NJDEP Technical Coordinator, Bureau of
Environmental and Risk Assessment
P.O. Box 028
Trenton, NJ 08625
(609) 984-9757
John.Prendergast@dep.state.nj.us

Daniel Saunders
NJDEP State Historic Preservation Office
Acting Administrator and Deputy SHPO
501 E. State Street, 2nd Floor
Trenton, NJ 08625
(609) 633-2397

Nancy Hamill
NJDEP Site Remediation Program
401 E. State Street
Trenton, NJ 08625
(609) 633-1353
Nancy.Hamill@dep.state.nj.us

Kathy Clark
Endangered & Non-Game Species Program
2201 Route 631
Woodbine, NJ 08270
(609) 628-1605

NJDEP Division of Land Use Regulation

P.O. Box 439
501 E. State Street, 2nd Floor
Trenton, NJ 08625

Colleen Keller
(609) 984-0288 or (609) 292-0060
Colleen.Keller@dep.state.nj.us

Chris Dolphin
(609) 633-2289 or (609) 984-0162
Chris.Dolphin@dep.state.nj.us

Kara Turner
(609) 292-0060
Kara.Turner@dep.state.nj.us

Mr. Robert Cartica
Office of Natural Land Management
501 E. State Street
P.O. Box 420 Mail Code 501-04
Trenton, NJ 08625-0420
(609) 984-1015

**NATIONAL OCEANOGRAPHIC AND
ATMOSPHERIC ADMINISTRATION
CONTACTS**

**National Oceanographic and
Atmospheric Administration**
NOAA National Marine Fisheries Service
Northeast Fisheries Science Center
James J. Howard Marine Sciences Lab
74 Magruder Road
Highlands, NJ 07732

Chief of Ecosystems Processes Division:
Dr. Tom Noji
(732) 872-3024
Thomas.Noji@noaa.gov

Assistant to Dr. Tom Noji:
Catherine Noonan
732-872-3025
Catherine.Noonan@noaa.gov

*Ecosystems Processes Division
Behavioral Ecology Branch Chief:*
Dr. Beth Phelan
732-872-3088 (Fax)
Beth.Phelan@noaa.gov

MONMOUTH COUNTY CONTACTS

Monmouth County Health Department
Joel Grimm
Monmouth County Health Department
Supervising EHS
3435 Highway 9
Freehold, NJ 07728
j.grimm@co.monmouth.nj.us
(732) 431-7456

**Monmouth County Office of Emergency
Management**
Glenn Mason
Coordinator, Monmouth County OEM
300 Halls Mills Road
Freehold, NJ 07728
gmason@co.monmouth.nj.us
(732) 431-7400

OTHER PROJECT CONTACTS

Thomas Bachovchin
Senior Project Manager
ERT, Inc. (ERT)
14401 Sweitzer Lane, Suite 300
Laurel, MD 20707
(301) 323-1442
Thomas.Bachovchin@ertcorp.com

Jim Pastorick
UXO Pro
811 Duke Street
Alexandria, VA
(703) 548-5300
jim@uxopro.com

LOCAL COMMUNITY GROUPS AND SERVICES

American Littoral Society (Headquarters)
18 Hartshorne Drive, Suite 1
(732) 291-0055

Deputy Director:
Eileen Kennedy
eileen@littoralsociety.org
<http://www.littoralsociety.org/>

Army Ground Forces Association
<http://www.armygroundforces.org/>
shawn.welch@armygroundforces.com

Clean Ocean Action (Main Office)
18 Hartshorne Drive, Suite 2
Sandy Hook, NJ 07732
(732) 872-0111
<http://www.cleanoceanaction.org/>

Outreach:
Mary-Beth Thompson
outreach@cleanoceanaction.org

Sandy Hook:
Cindy Zipf
sandyhook@cleanoceanaction.org

Events:
Jennifer Smiga
events@cleanoceanaction.org

Friends of Gunnison
P.O. Box 356
Williamstown, NJ 08094
<http://gunnisonbeach.org/>

Jersey Coast Anglers Association
1201 Route 37 East, Suite 9
Toms River, NJ 08753
<http://www.jcaa.org/>

Monmouth County Audubon Society
P.O. Box 542
Red Bank, New Jersey 07701
<http://www.monmouthaudubon.org/>

New Jersey Audubon Society
9 Hardscrabble Road
Bernardsville, New Jersey 07924
<http://www.njaudubon.org/>

New Jersey Light House Society
P.O. Box 332
Navesink, NJ 07752-0332
<http://www.njlhs.org/>

NY/NJ Baykeeper
52 West Front Street
Keyport, NJ 07735
<http://www.nynjbaykeeper.org/>

Development Director:
Christopher Politan
christopherbarrett@nynjbaykeeper.org

**The Ocean Institute at Sandy Hook
(Part of Brookdale Community College)**
53 Hudson Road
Highlands, NJ 07732
<http://www.ocean-institute.org/>

Director:
Dave Grant
(732) 872-2284
dgrant@brookdale.cc.nj.us

**Sandy Hook Bird Observatory
(New Jersey Audubon Society)**
Physical address: 20 Hartshorne Drive
Mailing address: P.O. Box 553
Highlands, NJ 07732
(732) 872-2500
<http://www.njaudubon.org/SectionCenters/SectionSHBO/Introduction.aspx>

Sanctuary Director:
Pete Bacinski
shbo@njaudubon.org

Senior Naturalist:
Scott Barnes
scott.barnes@njaudubon.org

Sandy Hook Child Care Center

Physical address: 335 Pennington Road
Mailing address: P.O. Box 513
Highlands, NJ 07732
(732) 291-2368
<http://www.sandyhookchildcare.org/>

Executive Director:

Janet Difolco
mrsd66@aol.com

Robin L. Moloney
Robin.Moloney@trizetto.com

The Sandy Hook Foundation

84 Mercer Road
Sandy Hook, NJ 07732
(732) 291-7733
<http://www.sandyhookfoundationnj.org/>

President:

Betsy Barrett
shfinc@monmouth.com

Sandy Hook Partners

Physical address: 20 Hudson Road, Suite 1
Mailing address: P.O. Box 560
Sandy Hook, NJ 07732
(732) 708-9014

President:

Jim Wassel

Save Sandy Hook Corporation

P.O. Box 265
Lincroft, New Jersey 07738
<http://savesandyhook.org/>

Sierra Club (New Jersey Chapter)

145 West Hanover St.
Trenton, NJ 08618, USA
<http://newjersey.sierraclub.org/>

Chapter Chair:

Ken Johanson
kjohan@comcast.net

Surfrider Foundation

Jersey Shore Chapter
P.O. Box 760
Belmar, NJ 07719
<http://www.surfrider.org/>

Chapter Chair:

Joe Woerner

**OTHER COMMUNITY GROUP
PARTNERS**

Appalachian Mountain Club

5 Joy Street
Boston, MA 02108

LOCAL SCHOOLS

Brookdale Community College (Sandy Hook Field Station)

P.O. Box 533
Fort Hancock, New Jersey 07732
(732) 872-0380

Field Station Manager: Bob Macaluso
bmacaluso@brookdalecc.edu

Marine Academy of Science & Technology (M.A.S.T.)

Building 305, Sandy Hook
Fort Hancock, NJ 07732
(732) 291-0995

Superintendent:
Timothy M. McCorkell

New Jersey Sea Grant Consortium (formerly the NJ Marine Science Consortium)

Sandy Hook Field Station
22 Magruder Road
Fort Hancock, NJ 07732
(732) 872-1300

Executive Director:
Claire Antonucci
cantonucci@njmsc.org

Office Manager:
Debra Meehan
DMeehan@njmsc.org

Rutgers University Institute of Marine and Coastal Sciences

Howard Marine Laboratory
74 Magruder Road, Unit 3
Fort Hancock, NJ 07732

*Director of Sandy Hook Cooperative
Research Programs:*
Dr. Norbert Psuty
(732) 708-1462
psuty@imcs.rutgers.edu

LOCAL BUSINESSES

HS Concessions (Restaurant: Sea Gulls' Nest)

100 Hartshorne Drive
Sandy Hook, NJ 07732

Owners/Operators:
Ed and Natalie Segall
PO Box 3130
Sea Bright, NJ 07760
(732) 872-0025
EdSegall1@aol.com

Scott Segall
(732) 872-0025 Ext. 4
scottsegall@mac.com
scott@seagullsnest.info

Tina Cros
FAX: (732) 872-2857
TCros1@aol.com

SeaStreak

2 First Avenue
Atlantic Highlands, NJ 07716
1-800-BOATRIDE (1-800-262-8743)
<http://www.seastreak.com/>

Highlands Business Partnership

140 Bay Avenue, PO Box 375
Highlands, NJ 07732
hbp@shoregrafx.com
<http://www.highlandsnj.com/HBP/WelcomeCenter/WelcomeCenter.html>

APPENDIX D

MEDIA OUTLETS

PRINT NEWSPAPERS

Asbury Park Press

3601 Highway 66, Box 1550
Neptune, NJ 07754-1550
(732) 922-6000
www.app.com

WEEKLY NEWSPAPERS

The Monmouth Journal

46 English Plaza, Suite D
Red Bank, NJ 07701
(732) 747-7007
<http://themonmouthjournal.com/>

ELECTRONIC NEWSPAPERS

The Atlantic Highlands Herald

Atlantic Highlands, NJ
(732) 872-1957
editor@ahherald.com
<http://www.ahherald.com/index.html>

Bayshore Courier News

Middletown, NJ
(732) 957-0070
www.bayshorenews.com

APPENDIX E

LOCAL RESOURCES

PRIMARY EMERGENCY CONTACTS

NPS Dispatch Center (Ranger Station)

Fire, Ambulance, Police
(732) 872-5900

Monmouth Medical Center

300 Second Avenue
Long Branch, NJ 07740
(732) 923-7300

CHEMTREC

Spill Response
(800) 424-9300

USEPA National Response Center

24-hour hotline
(800) 424-8802

Poison Control Center

(800) 962-1253

MONMOUTH COUNTY CONTACTS

Monmouth County Sheriff's Office

50 East Main Street
Freehold, NJ 07728
(732) 431-7139

**Monmouth County Historical
Commission**

Hall of Records Annex
1 East Main Street 2nd Floor
Freehold, NJ 07728
(732) 431-7413

**NATIONAL PARK SERVICE
GENERAL CONTACTS**

NPS Visitor Information

(718) 354-4606

NPS Sandy Hook Unit:

(732) 872-5970

NPS Gateway National Recreation Area

Public Affairs Office
210 New York Avenue
Staten Island, NY 10305
(718) 354-4606
<http://www.nps.gov/gate/index.htm>

APPENDIX F

SITE MAP

(Showing original site configuration and revised site configuration of MRSs)





Northeast\New Jersey\Fort Hancock\MM\XDF\Fort Hancock\SiteRev0804-2015.mxd