



**US Army Corps  
of Engineers®**  
Philadelphia District

**PROJECT FACTSHEET**

**New Jersey Shore Protection,  
Barnegat Inlet to Little Egg Inlet, NJ**

October 2008

**CONGRESSIONAL INTEREST:** Rep. Saxton (NJ-3)

**APPROPRIATION / PHASE:**  
Construction, General

**BUSINESS PROGRAM:**  
Flood and Coastal Storm Damage Reduction

**AUTHORITY:** WRDA 2000, Section 101(a) (1).

**LOCATION:** The study area is located along the Atlantic coast of New Jersey, extending approximately 20 miles from Barnegat Inlet to Little Egg Inlet. The project area is commonly referred to as Long Beach Island.

**DESCRIPTION:** The project will provide flood and coastal storm damage reduction with a beachfill and dune along the oceanfront of Long Beach Island. The initial construction is estimated to be approximately \$71 million.

**STATUS:** FY 2006 funds were used to award a contract in September 2006 for project construction in Surf City and a portion of Ship Bottom. FY 2007 funds were used to complete this portion of the project. FY 08 and FY 09 funds will be used for a contract at Harvey Cedars to continue initial construction. Additionally Supplemental funds totaling \$15.7M were received in FY 08. These funds will be used for MEC response in Surf City.

<b>TIMELINE</b>	<b>Start</b>	<b>Complete</b>	<b>Comments</b>
Initial Construction	Month/Year	Month/Year	Surf City
Initial Construction	Jan 2009	TBD	Harvey Cedars
MEC Phase III Response	Jan 2009	May 2009	Surf City

<b>FINANCIAL DATA (\$000)</b>	<b>Fed</b>	<b>Non-Fed</b>	<b>Total</b>
PED			1,000
Initial Construction			71,000

<b>BUDGET DATA (\$000)</b>		<b>Comments</b>
FY 05	331	
FY 06	5,957	
FY 07	2,530	
FY 08	20,620	Includes \$15.7M received from supplemental bills for MEC response.
FY 09	11,700	

**SPONSOR:** New Jersey Department of Environmental Protection (NJDEP)

## **New Jersey Shore Protection, Barnegat Inlet to Little Egg Inlet** *(continued)*

**COMMENTS:** Between March 2nd and 5th, 2007, five Mark II Point Detonating Fuzes with attached booster, were recovered from the beach in the area between 24th Street and 17th Street in Surf City. These items were recovered by local residents using metal detectors. Through coordination with the NJDEP and Local Boroughs of Surf City and Ship Bottom, the beach was closed to the public at that time. All access points were barricaded with construction fencing (orange plastic) and "beach closed" signs were posted.

A Time Critical Removal Action (TCRA) was conducted to safely locate, identify, and dispose of all MEC items to detection depth on the Surf City and Ship Bottom beaches and dune areas before Memorial Day (Phase I). The TCRA was successfully completed on 23 May 2007. The beaches were subsequently reopened at that time with the Concurrence of the NJDEP.

Due to the location they were dredged from, and the configuration of the MEC items (fuzes with boosters, and boosters by themselves), these items are considered to be discarded military munitions (DMM). Over 1,100 items have been recovered from the beach or turned in by citizens. These items include unfired, fuzed, low explosive loaded Mk1 37mm projectiles, Mark II and III booster assemblies, and Mark I & Mark II Point Detonating Fuzes. All MEC were turned over to a responding military Explosive Ordnance Disposal (EOD) team facilitated by the USACE.

Subsequent to the TCRA, remediation of the public beach replenishment will follow the CERCLA process that involves conducting additional investigations, remedial actions, and long-term management controls for the safety of the public and local residents (Phase III). In the time period between Phase I and Phase III, a monitoring, training and public awareness effort is being implemented (Phase II). As part of Phase II, a USACE Munitions and Explosives of Concern (MEC) Specialist is on-site 24/7 to provide rapid response in the event an MEC item is reported to local authorities. The Specialist also conducts daily visual beach sweeps (low tide), and MEC Safety Awareness Training to city personnel that might respond to or otherwise encounter MEC during their duties. Weekly beach monitoring surveys are being conducted to assess the status of the beach and locate areas of potential extensive erosion.

Draft Final Engineering Evaluation and Cost Estimate (EECA) was completed in December 2007. Recommended alternative is to sieve the berm and surf zone to the depth of the sand placement and to continue land use controls on the dune for five years. The estimated cost of this alternative is \$17.7M (rounded to \$18M). Implementation of Phase III is expected to begin in January 2009. 30-Day public comment period ended on 14 May 2008. The Final EECA is being completed.

**PROJECT MANAGER:** Keith Watson  
(215) 656-6287  
[keith.d.watson@usace.army.mil](mailto:keith.d.watson@usace.army.mil)