



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

PROJECT FACTSHEET

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

July 2012

CONGRESSIONAL INTEREST: Rep. Runyan (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 \$112 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 were used to prepare for and award an initial construction contract at Harvey Cedars. This contract was awarded in September 2009 and completed in June 2010. Additionally Supplemental funds totaling \$15.7M were received in FY 08. These funds were used for Munitions and Explosives of Concern (MEC) Phase III response in Surf City and are not considered project costs. MEC Phase III response was successfully completed in May 2009. FY 10 funds were used for project monitoring. FY 11 funds were used to award a contract in September 2011. Construction is expected to begin in January 2012.

As a result of the November 2009 nor'easter \$20,000 in FCCE - Flood Control and Coastal Emergencies funds were provided to complete a Project Information Report under Public Law 84-99 for the Surf City and the small portion of Ship Bottom. This was the only portion of the project that was completed at the time of the November 2009 nor'easter. Thus, it was the only one potentially eligible. The PIR completed in March 2010 with an update in April 2010 determined that the project met the requirements of Public Law 84-99 and was eligible for FCCE funding. The recommended rehabilitation to pre-storm conditions was estimated at \$6,048,000. The contract to complete this emergency work was awarded in March 2011. Pumping was completed in June 2011. All other construction activities are to be completed by the end of December 2011.

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

TIMELINE	Start	Complete	Comments
Initial Construction	Month/Year	Month/Year	Surf City
Initial Construction	Sep 2009	Spring 2010	Harvey Cedars
MEC Phase III Response	Jan 2009	May 2009	Surf City
Emergency Rehab (FCCE)	Jun 2011	Dec 2011	Surf City
Initial Construction	Jan 2012 Scheduled	TBD	Brant Beach

FINANCIAL DATA (\$000)	Fed	Non-Fed	Total
PED	949	316	1,265
Initial Construction (est.)	71,611	40,110	111,721

BUDGET DATA (\$000)		Comments
FY 08	20,620	Includes \$15.7M received from supplemental bills for MEC response.
FY 09	11,700	
FY 10	4,884	Also rec'd \$130K in FCCE funds.
FY 11	9,454	Also rec'd \$5,918 in FCCE funds.
FY 12	600	

SPONSOR: New Jersey Department of Environmental Protection (NJDEP)

COMMENTS:

MEC RESPONSE: - Due to the discovery of MEC on the beaches of Surf City after completion of the initial beachfill in March 2007, two MEC removal actions were undertaken. 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). 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.

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. Over 1,100 items were recovered from the beaches and turned over to a responding military Explosive Ordnance Disposal (EOD) team facilitated by the USACE. Phase II of the removal action was continued monitoring of the site with specialized MEC Technicians until final Phase III could be implemented.

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Subsequent to completion of the TCRA a Draft Final Engineering Evaluation and Cost Estimate (EECA) was completed in December 2007. The recommended MEC Phase III alternative was A Non-Time Critical Removal Action (NTCRA) involving sieving the berm and surf zone to the depth of the sand placement and to continue land use controls on the dune for five years. This was adopted and funded as part of the Duncan Hunter Defense Authorization Act of FY09 PL110-417 [S.3001], (Enacted in October 2008), which made the MEC removal a federal expense and specifically stated that costs incurred for MEC clean up are not considered to be part of constructing the project. Implementation of NTCRA began in January 2009 and was successfully completed in May 2009. During the NTCRA (Phase III), approximately 1,915 DMM items were recovered from the beach and turned over to a responding military Explosive Ordnance Disposal (EOD) team facilitated by the USACE.

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