



US Army Corps  
of Engineers®

# Munitions Removal Project Surf City & Ship Bottom, N.J.



## Why is this work being done?

- ✓ During initial placement of the protective beachfill and dune, a cache of World War I-era Discarded Military Munitions was inadvertently pumped ashore with the sand and discovered in March 2007. The Corps initially closed the affected areas of the beach and implemented a Time Critical Removal Action to reduce the immediate hazard to the public. The TCRA safely and successfully located and removed more than 1,100 DMM's (fuzes and boosters), allowing the beaches to be safely re-opened to the public before Memorial Day.
- ✓ Since completion of the TCRA in May 2007, the Corps has been monitoring the beaches daily and performed a detailed magnetometer investigation and removal in April 2008. To date an additional 113 DMM's have been safely removed from the site.
- ✓ While the TCRA was able to clear the beach to a depth of instrument detection, approximately 3 feet, it could not check the entire profile of the newly placed sand. The current removal action will screen the entire fill depth for any remaining munitions not previously detected. This action will further reduce any hazard to the public from DMM. It will serve as the final planned removal action for the site.

## What is being done and where?

- ✓ The current removal action involves locating and removing DMM from the dune, berm, intertidal, and surf zone areas of the beach from North 25th Street in Surf City through South 7th Street in Ship Bottom.
- ✓ For the dune, berm and intertidal zones, sand will be excavated to the full depth of placement and sifted through a series of screens to remove potential DMM. The cleared sand will be backfilled and regraded to pre-screening conditions.
- ✓ In the surf zone -- extending to 150 feet offshore -- teams of munition specialists will conduct detailed magnetometer surveys to identify anomalies, followed by digging to investigate and remove any potential DMM.
- ✓ All the public beach access points, sand fencing and dune grass plantings installed as part of the original beachfill project will be temporarily removed and then restored as the project progresses to completion.
- ✓ The mechanical sifting operation will employ four screening plants, each with its own work team, operating concurrently within the project area.
- ✓ Significant portions of the beach and access points will be closed to the public for safety due to their proximity to the active work areas.

As portions of the beach are screened and restored, they will be reopened for public use.

- ✓ Closed beach areas will be clearly marked with bright colored fencing and appropriate signage. Weekly updates will be posted at the link shown below.
- ✓ The public is asked to assist the work teams in completing this vital project on schedule by honoring the beach closure areas and staying outside all marked work areas.

## How long will it take?

- ✓ Mobilization to the site began Jan. 19; major construction activities are scheduled for completion by May 22, 2009.

## Who is doing the work?

- ✓ Weston Solutions, Inc., is the prime under contract to the U.S. Army Corps of Engineers.

## How much will it cost?

- ✓ The contract award is for \$13.6 million, and is being fully funded by the US Army Corps of Engineers.

## For more information...

- ✓ [www.nap.usace.army.mil/Projects/LBI](http://www.nap.usace.army.mil/Projects/LBI)
- ✓ U.S. Army Corps of Engineers, Philadelphia District, Public Affairs: 215-656-6515