

## **USACE - Gandys Beach Restoration**

#### The Nature Conservancy NJ

**Glades Wildlife Refuge** 

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Preserve Project (Gandys Beach DP 1-5)

Location: The shoreline of the Preserve between the communities of Money Island and Gandy's Beach and will be referred to as the Preserve project area. It is divided into five sites called detail plans 1-5. Goals: increase the resiliency of tidal marsh, beach, and oyster reef habitats to the impacts of sea level rise and

more frequent and intense storms to ensure these habitats are providing the full suite of ecosystem services to the wildlife and human communities within the project areas.

Scope: Approximately 2,800 linear feet of oyster breakwaters split between the Preserve and Nantuxent Creek project areas.

Schedule: 1st Phase - August 2015- October 2015. 2nd Phase April 1-15, 2016 and June 15 -November 8, 2016 Contact: Patricia Doerr,pdoerr@TNC.org

#### Nantuxent Creek

Location: Along the southern bank of Nantuxent Creek, upriver of the Money Island Marina. Goals: increase the resiliency of tidal marsh, beach, and oyster reef habitats to the impacts of sea level rise and more frequent and intense storms to ensure these habitats are providing the full suite of ecosystem services to the wildlife and human communities within the project areas.

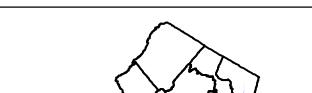
Scope: Approximately 2,800 linear feet of oyster breakwaters split between the Preserve and Nantuxent Creek project areas. Approximately 300 feet of coir log living shorelines in the Preserve's detail plan 1 and Nantuxent Creek site.

Schedule: 1st Phase - August 2015- October 2015. 2nd Phase April 1-15, 2016 and June 15 -November 8, 2016 Contact: Patricia Doerr,pdoerr@TNC.org

### **American Littoral Society**

Gandys Beach Restoration Location: Nantuxent Creek, Gandys Beach/Money Island Goals: Deepen Nantuxent Creek navigation channel and use dredge material to restore eroded beach to improve habitat for shorebirds and spawning horseshoe crabs. Lead contact: Capt. Alek Modjeski, American Littoral Society Schedule: 2015-2016

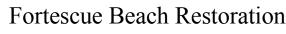
Fortescue Beach Restoration Location: Fortescue roadway beach Goals: Increase beach width and remove rubble to protect road and improve habitat for shorebirds and spawning horseshoe crabs. Lead contact: Capt. Alek Modjeski, American Littoral Society Schedule: 2015-2016



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### **USACE Philadelphia-Planning**

Gandys Beach Restoration Location: Gandys Beach Goals: Reduce flooding, coastal storm surge, wave overwash, and erosion of residential properties and public infrastructure. Scope: Beachfill for a length of 3500 feet along Gandys Beach with the proposed berm at each location would be constructed at elevation 7 ft. NAVD 88 with a top width of 50 feet and a 10 to 1 slope Lead contact: Jeffrey Gebert, Jeffrey.A.Gebert@usace.army.mil Schedule: 2015-2018



Location: Fortescue Beach

Goals: Reduce flooding, coastal storm surge, wave overwash, and erosion of residential properties and public infrastructure.

Scope: Beachfill for a length of 4000 feet immediately in front of the developed shoreline along Fortescue with the proposed berm at each location would be constructed at elevation 7 ft. NAVD 88 with a top width of 50 feet and a 10 to 1 slope.

Lead contact: Jeffrey Gebert, Jeffrey.A.Gebert@usace.army.mil Schedule: 2015-2018

### DEP Office of Coastal and Land Use Planning, NFWF Ecological Solutions

Gandys Beach Restoration Location: Gandys Beach

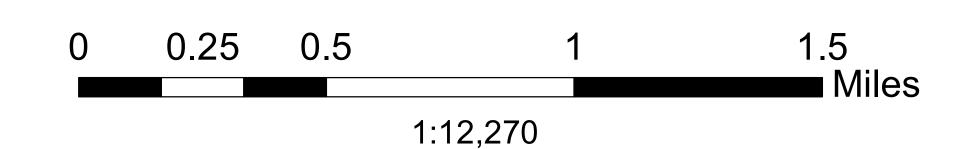
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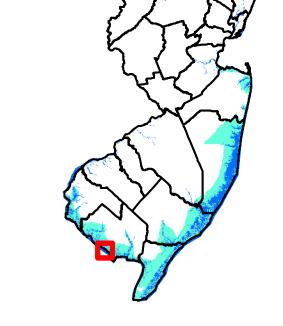
Goals: Stabilize and retain beach replenishment and provide habitat for horseshoe crabs and red knots.

Scope: Planning and permit for beach stabilization

Lead contact: Steven Jacobus, Steven.Jacobus@dep.nj.gov

Schedule: 2015-2017





**Selected Parcels** 

Preserved Lands

Local/ Non Profit Preserved Lands

Tidal Water

# **USACE - Fortescue Beach Restoration**

**DOT and F&W** 

**Beneficial Reuse** 

# **ALS Fortescue Beach Restoration**

STATE PARK

FORTESCUE

The information depicted upon this map is presented for the conceptual development of a land use plan. It presents regional overlays which are not site specific. No representation is explicitly or implicitly implied by this representation as to the site-specific accuracy of the information presented. The condition of any area appearing suitable for an intended use must be assessed by a comprehensive due diligence investigation of several factors including but not limited to a Natural Resource Inventory, physical on-site conditions, local, State and Federal requirements, approvals, status of any outstanding violation, the past uses and possible residual contamination of a site. Refer to the source layer metadata for detail descriptions of the data attribute and spatial extent limitations.



