

Holts Landing State Park Shoreline Stabilization & Crabbing Pier

Sussex County, Delaware



A restoration solution protects 1,200 feet of shoreline along a coastal state park while regenerating habitat and enhancing recreational opportunities for visitors.

The popular park is located on tidal shoreline along Indian River Bay. The area varies in width along the shoreline, and includes park facilities and a crabbing pier.

Biohabitats began by performing a field investigation and evaluating historic information. Informed by these efforts, the Biohabitats team prepared an engineering report, which included recommended concepts for shoreline stabilization and planning considerations for the style, layout, and location of the crabbing pier. Biohabitats' restoration design included soil bioengineering techniques which incorporated marsh restoration, dune stabilization grasses, and shrubs.

The solution for the shoreline and crabbing pier not only protects the shoreline, but improves fish and wildlife habitat and enhances recreational opportunities and access for park visitors.

The team prepared a full package of design and construction documents, provided permitting services, and assisted with bidding and construction administration. The team also provided additional permitting assistance for an offshore stone breakwater.

SERVICES

Inventory & Assessments
Design
Permitting
Construction Management

When major erosion along the shoreline of Delaware's Holts Landing State Park was impacting natural habitats and park infrastructure, the Delaware Department of Natural Resources & Environmental Control turned to Biohabitats for help.

conservation planning
ecological restoration
regenerative design



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