

PSEG Estuary Enhancement Program



Location: **Port Norris, NJ**

Owner: **Public Service Enterprise Group (PSEG)**

Designer: **AECOM**

Contractors: **Panther Technologies and Active Environmental Technologies**

Challenge

Located along the shores of Delaware Bay, Port Norris, NJ is known as the “Oyster Capital of the World,” and PSEG, a regional power company, maintained three wooden boardwalks that extended over marshland to help local officials research the local oyster population. Over time, the boardwalks needed to be replaced and PSEG wanted another option that lasted longer and required less maintenance. However, due to dwindling oyster populations in the area, the company also wanted to remain vigilant on keeping the habitat safe.

Solution

As part of the PSEG Estuary enhancement program, designer AECOM worked with PermaTrak to design three boardwalks including 15’ x 15’ observation platforms. A helical pier foundation and floating temporary matting was used to minimize disturbance to the sensitive area during construction and installation. PermaTrak’s precast concrete boardwalk system provided a maintenance-free solution for PSEG and the Town of Port Norris, and provided a secure way to observe the current oyster population. The three structures are located on Strawberry Avenue and two along walkway paths connecting to Germantown Avenue.

TECHNICAL DESCRIPTION

Boardwalk Lengths: 18 ft. 6 in., & 200 ft. (2 structures)

Tread Width: 6 ft.

Color: Adelaide Gray

Texture: Sandblast

Installation Dates: March 2017, January 2018, February 2019