



Readiness and Environmental Protection Integration (REPI) Challenge Success Story – Naval Weapon Station Yorktown

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Naval Weapon Station Yorktown (VA) REPI Funding Nature-Based Strategies for Climate Resilience



CHESAPEAKE BAY COMMISSION · MARCH 2023

FEDERAL AGENCY BUDGET REQUEST FISCAL YEAR 2024

SIGNIFICANT PROGRESS CONTINUES TO BE MADE IN THE restoration of the Chesapeake Bay and its 64,000-square mile watershed. The pace and intensity of our work has accelerated, particularly with the passage of the Infrastructure Investment and Jobs Act and the Inflation Reduction Act of 2022. Both these bills provided significant new federal resources for restoration. And each federal dollar spent leverages three more from state, local and private partners.

As Congress begins deliberations on the FY 2024 federal budget, the Chesapeake Bay Commission offers this report to identify the federal funding required to continue the success. All levels of government, our citizens and the private sector are united in achieving the singular goal of a healthy ecosystem. We also highlight four priorities where targeted action will strategically accelerate the pace and intensity of our progress.

The Bay's Congressional delegation is to be thanked for their work on the aforementioned federal legislation and the Consolidated Appropriations Act, 2023; they have been steadfast in their commitment to restore the watershed and its living resources.

Who We Are and What We Do

The Chesapeake Bay Commission is a tri-state legislative commission with bipartisan membership from Maryland, Pennsylvania and Virginia. We work to advance policy at all levels of government to restore and protect the Chesapeake Bay watershed. We are the only legislative branch member of the Chesapeake Bay Program Partnership. The joint federal-state effort is producing tangible results in cleaner water, healthier fisheries and greater economic and environmental resilience. It is a model receiving global recognition.



Chesapeake Bay Commission
Policy for the Bay

“Defense Subcommittee

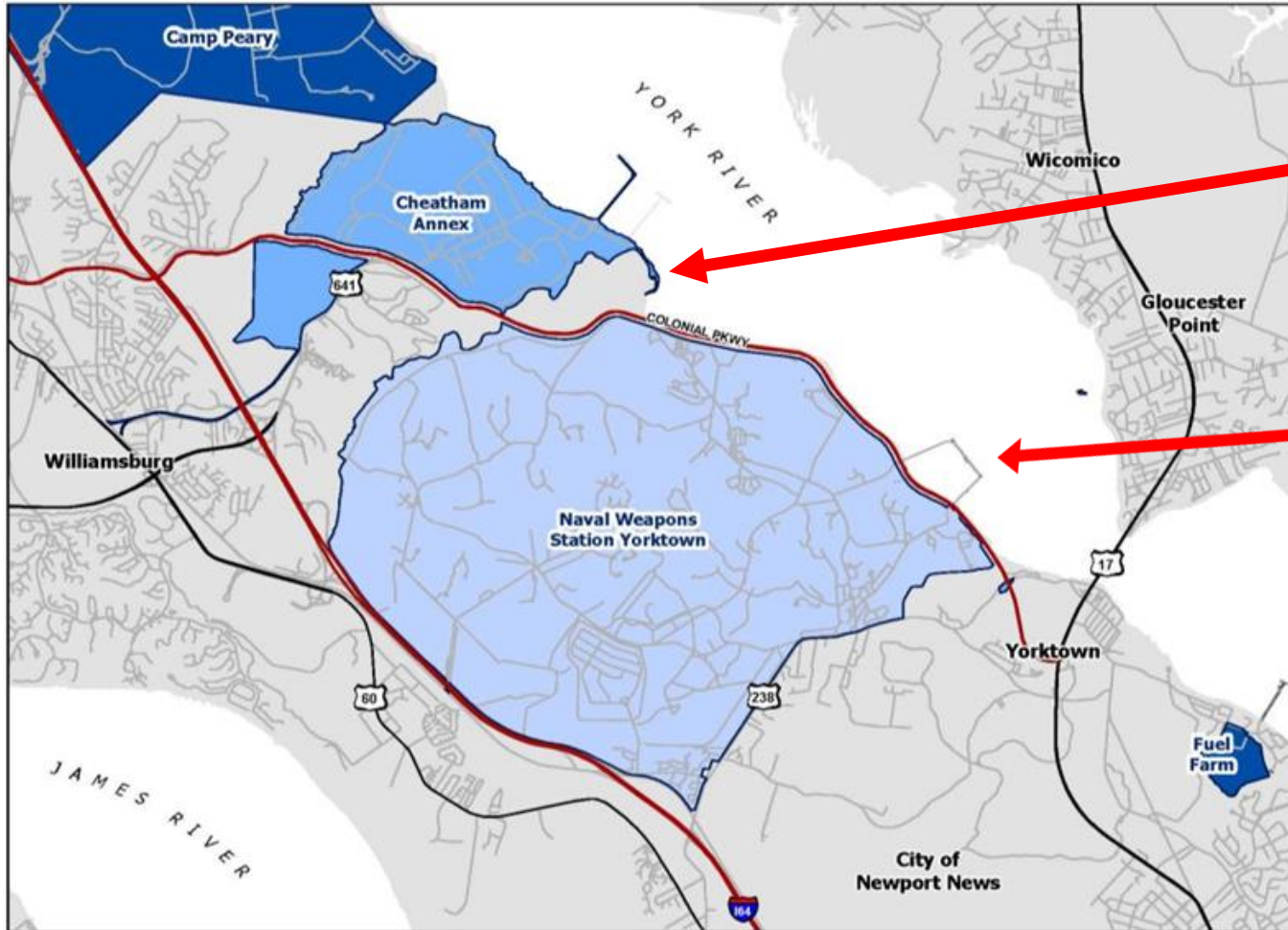
DEPARTMENT OF DEFENSE

Readiness and Environmental Protection Integration Program (REPI): \$179,000K (FY 23 level \$178,000K)

The REPI Program is the Department of Defense's key tool to protect the military's mission to avoid encroachment and land use conflicts near installations. It provides funding for conservation easements to buffer the off-base impacts of military activities, such as flight or ordinance training. There are 14 installations with active REPI partnerships located in the Chesapeake Bay watershed; these land conservation efforts also help us meet our nutrient reduction goals.”



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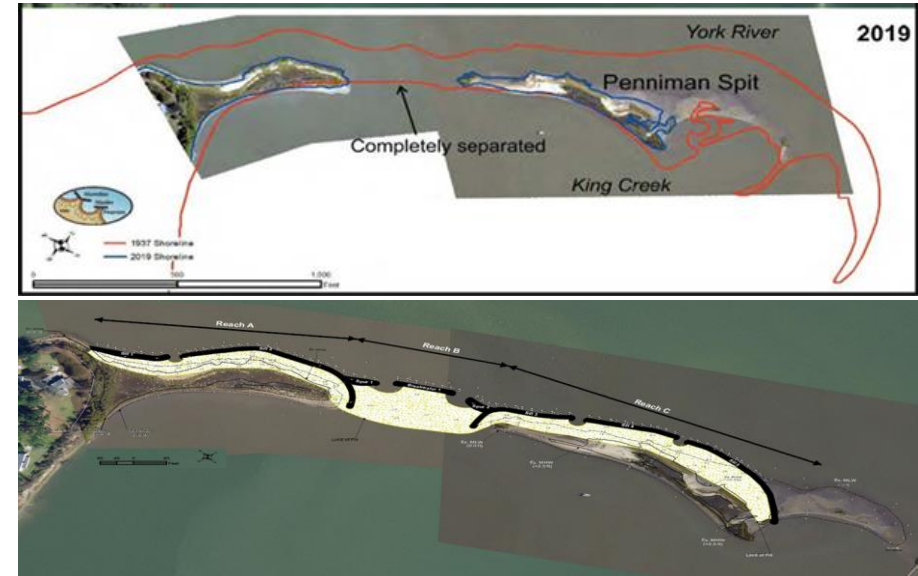
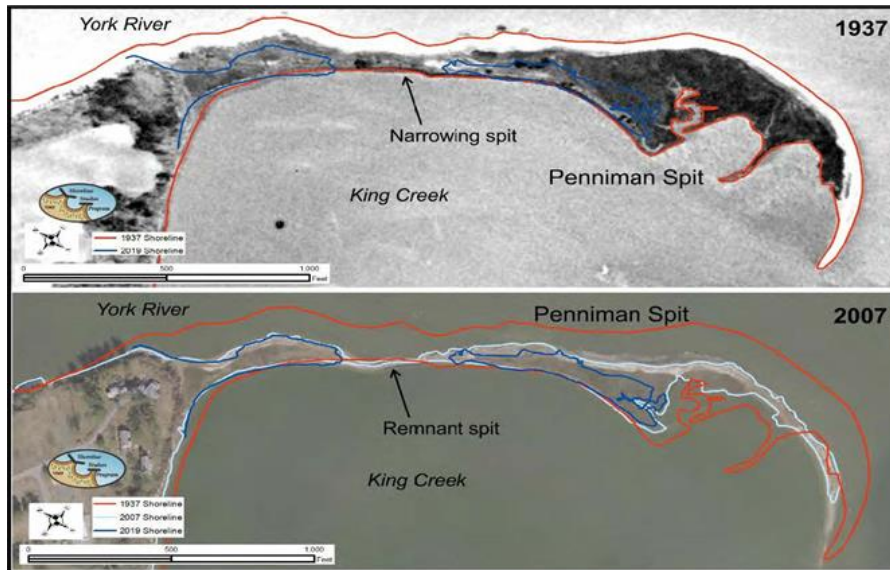


Penniman Spit

R3 Pier



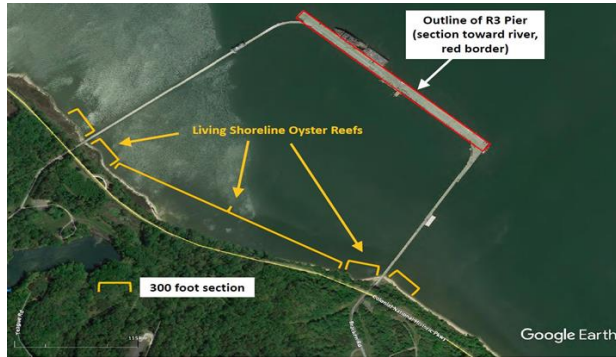
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Penniman Spit Highlights – protect 2,900 lf. of eroding shoreline including protection of NPS Colonial Parkway

- Living shoreline wetland restoration
- Sand flat and shallow water habitat restoration
- 675 linear feet of oyster reef restoration

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Pier R3 Highlights:

- Subtidal Oyster Reef Study
- 450 linear feet of living shoreline oyster reef restoration



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Reef Structures



Granite/
Class 1A
Riprap



Concrete
Domes



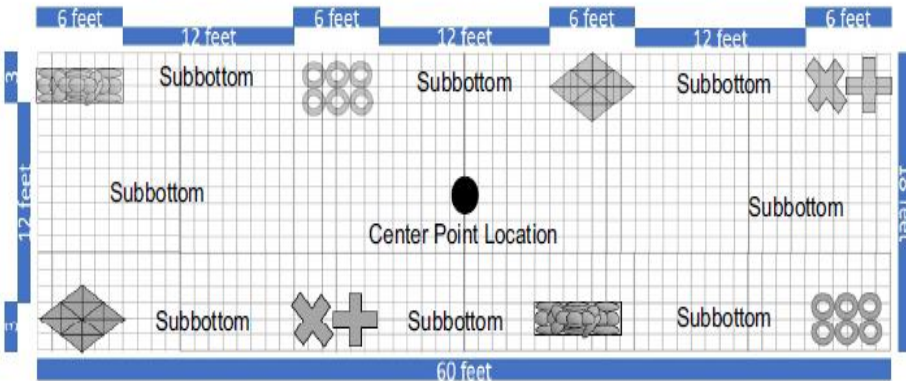
Diamond
Reefs



X-Reefs



Each photo illustrates a structure type, not the arrangement, which is shown in the schematics.



Potential CO-BENEFITS



Habitat, Wetlands



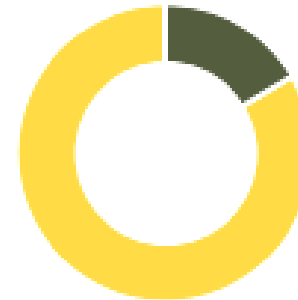
Sustainable Fisheries



Water Quality



Healthy Watersheds



REPI Funds:
\$2M

Partner
Contributions:
\$10.2M

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Questions?

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Virginia Sentinel Landscape Designation

The Sentinel Landscapes Partnership is a coalition of federal agencies, state and local governments, and non-governmental organizations that work with willing landowners and land managers to advance sustainable land use practices around military installations and ranges.

- Virginia Security Corridor Partnership
- Two New Sentinel Landscapes in VA
 - Tidewater Sentinel Landscape
 - Potomac Sentinel Landscape
- Connects Eastern NC and Middle Chesapeake Sentinel Landscapes

Figure 1: Virginia Security Corridor Sentinel Landscapes

