



# DOD CHESAPEAKE BAY PROGRAM (CBP) STATUS REPORT

## Naval Support Activity Hampton Roads (NSA HR) Fiscal Year (FY) 2019



This status report highlights the accomplishments and key metrics of the award-winning environmental program at NSA HR relative to Executive Order (EO) 13508 and DoD's stated commitments to Clean Water and Conserved Land in the Chesapeake Bay Watershed Agreement. It also identifies CBP-recommended actions and priorities related to water quality, natural resources, and stewardship.

### PROGRAM STRENGTHS



- ✓ In FY2019, all implemented best management practices (BMPs) had the necessary inspection and maintenance to maintain credit.
- ✓ In FY2019, NSA HR was recognized with awards from the Hampton Roads Sanitation District, the Elizabeth River Project, and Tree City USA.

### RECOMMENDED ACTIONS

- **Credit for BMPs**  
Use the CBP-provided BMP Crediting Reports to identify BMPs not credited in the Chesapeake Bay Model. Based on the reasons for lack of credit, take action to resolve issues within the installation's control.
- **Funding for BMPs**  
Support and, when possible, expedite projects planned through 2025 to ensure BMP practices are in place by the Chesapeake Bay Total Maximum Daily Load (TMDL) deadline.
- **Maximize Pollution Reduction and Minimize Impact to The Military Mission**  
Verify that pollutant reductions achieved by additional urban nutrient management plans, street sweeping, and structural BMPs are equivalent to or exceed the pollutant reductions needed for tree planting and stream restoration. See the Implementation of BMPs in the Fill Gap Strategy section.
- **Natural Resource and Climate Resilience Co-Benefits**  
Continue to promote coordination among environmental staff to integrate natural resources, water quality, and climate resiliency plans and prioritize projects that meet multiple objectives.

### BMPs in the Chesapeake Assessment Scenario Tool (CAST)

BMP Crediting Reports are provided to installations to assess what proportion of BMPs are credited toward pollution reduction goals by the Chesapeake Bay Program Partnership in CAST. The BMP Crediting Report should be used by the installation to understand the corrective action (e.g. inspection, maintenance, data collection) that can be taken to maximize credit.



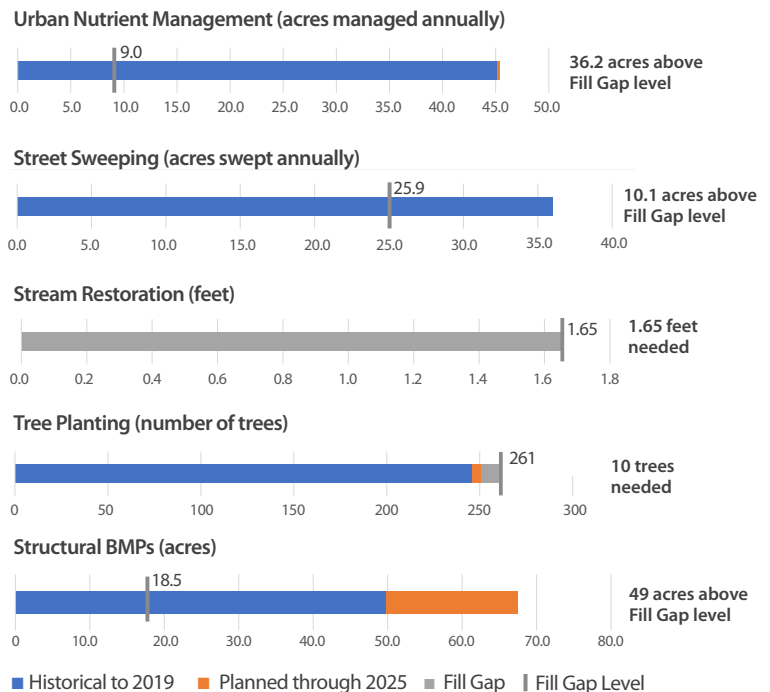
### Inspection and Maintenance of BMPs

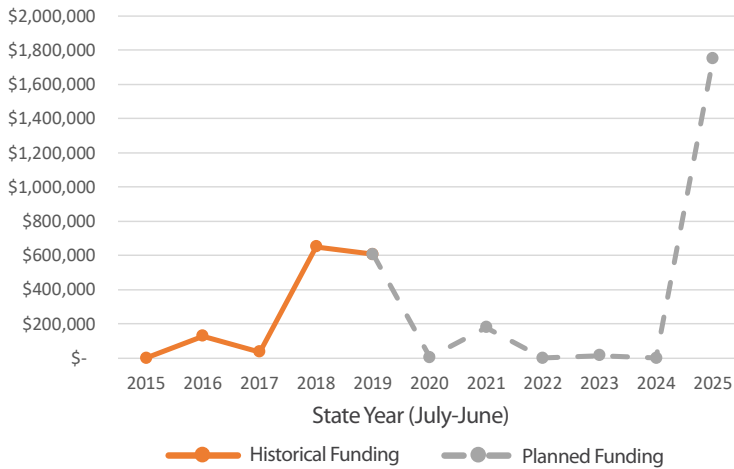
BMP inspection and maintenance is the most cost-effective means of maximizing credit and achieving DoD's federal planning goals for nutrient and sediment pollution reduction in support of the Chesapeake Bay.



### Implementation of BMPs in the Fill Gap Strategy

The Fill Gap strategy is a hypothetical implementation scenario that utilizes strategic, cost-effective, and mission compatible BMP types to reach DoD's federal planning goals. The DoD CBP estimated the level of effort for the individual installation using urban nutrient management plans, street sweeping, stream restoration, tree plantings, and structural BMPs. If the installation exceeds the Fill Gap implementation, the excess can be used to reduce the effort for another BMP type.





## Funding for BMPs

BMP investment and implementation is a measure of the installation's contribution to Restore Clean Water. A significant and sustained investment in new/retrofit BMPs is needed by DoD in order to meet the ambitious TMDL pollutant reduction goals by 2025.



NSA HR invested \$606,685 across multiple FYs to implement BMPs in State Year 2019. An estimated \$2.5 million investment is projected for BMP implementation through 2025.

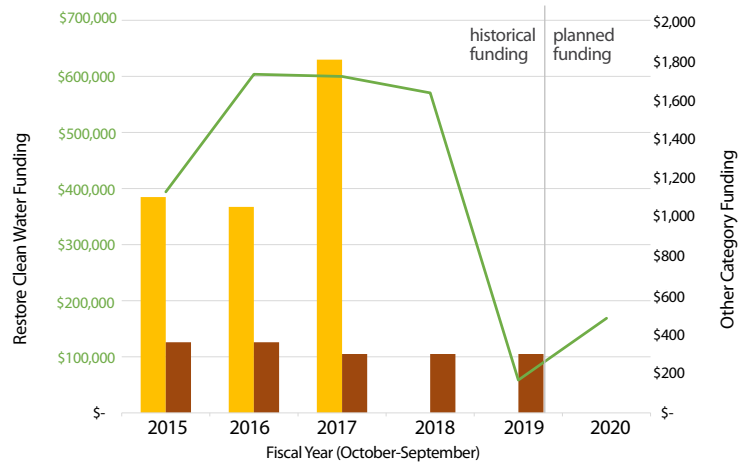


## Funding for all Chesapeake Bay-related Projects

Most DoD funds are used to restore clean water, recover habitat, sustain fish and wildlife, conserve land, increase public access, and expand citizen stewardship.



NSA HR funded \$58,822 for projects to protect and restore the Chesapeake Bay in FY2019. Most funding has been used to restore clean water.



EO13508 Goals With Fiscal Investment, 2015-2020

- Restore Clean Water
- Sustain Fish & Wildlife
- Recover Habitat
- Expand Citizen Stewardship\*

\*Citizen stewardship events are volunteer-based. For more information about citizen stewardship, refer to that section of this status report.

## BMPs with Natural Resource and Climate Resilience Co-Benefits

Environmental projects that provide multiple benefits for water quality, natural resources, and climate resilience are a wise use of limited resources and meet installation goals identified in the Chesapeake Bay Watershed Agreement, EO13508, and the Sikes Act.

11

Natural Resource BMPs



32

BMPs with Climate Resilience Co-Benefits



NSA HR has held 14 stewardship events since FY2015, engaging volunteers in active beautification, restoration, and educational activities.

## Citizen Stewardship

Educating and empowering citizens to act as everyday stewards of environmental resources creates momentum for long-term change. Installations support citizen stewardship through Arbor Day, Earth Day, Clean the Base Day, and/or local campaigns and events to raise awareness and beautify the installation and its neighboring community.

4

Events held in FY2019



316

Volunteers