



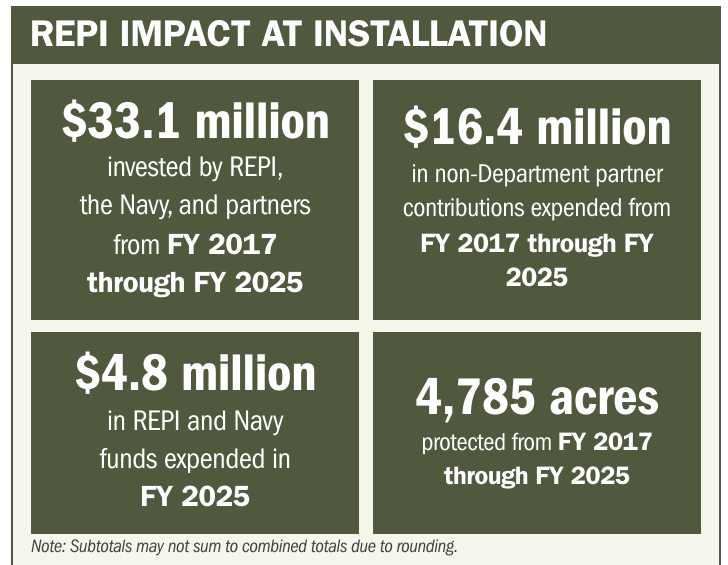
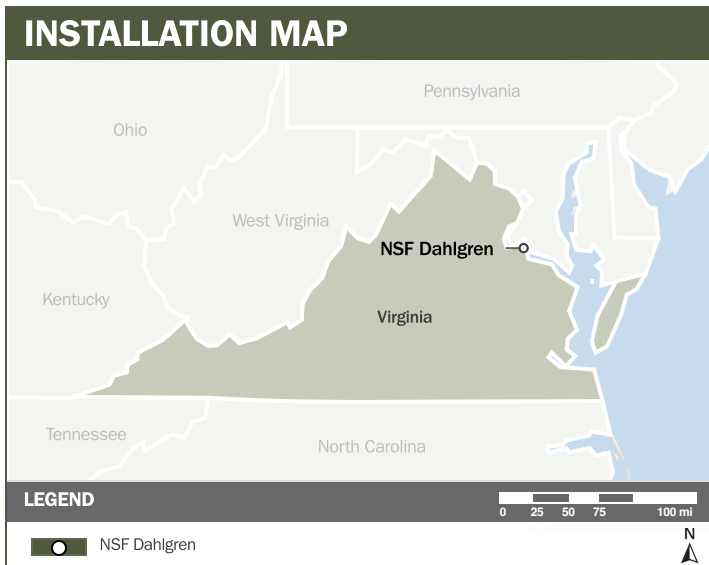
NSF DAHLGREN

ABOUT THE INSTALLATION

Naval Support Facility (NSF) Dahlgren is located on the Potomac River in Northern Virginia. The installation supports over a dozen commands, including the Naval Surface Warfare Center Dahlgren Division, which performs training and research, development, testing, and evaluation (RDT&E). The Potomac River Test Range, the Navy's premier overwater testing site, and the Pumpkin Neck Annex, extensively instrumented for explosives testing, enable the RDT&E of new weapons and energy systems for performance, lethality, safety, and ordnance. These strategic capabilities are vital to a more lethal, agile, and innovative Joint Force.

STRENGTHENING MISSION READINESS THROUGH REPI INVESTMENTS

The Department of War's (DOW) Readiness and Environmental Protection Integration (REPI) Program has played a critical role in supporting NSF Dahlgren's long-term operational success. Through strategic restrictive use easements and habitat restoration, REPI funding has helped prevent incompatible development, preserve mission flexibility, and sustain essential testing and training capabilities.



PROJECT OVERVIEW

INCOMPATIBLE DEVELOPMENT—10 U.S.C. § 2684A

- NSF Dahlgren's training and RDT&E missions rely on unrestricted use of land, water-based testing ranges, and special-use airspace, all of which are essential for explosive weapons systems development and advanced electromagnetic testing.
- Urban growth and incompatible land use near the installation increase population density within safety zones, heightening risks of signal interference, noise complaints, and public-safety concerns that could constrain explosive testing operations.
- To counter these threats, NSF Dahlgren is leveraging REPI funds under 10 U.S.C. § 2684a to protect critical RDT&E operations, securing conservation corridors and compatible-use buffers that preserve testing conditions beyond the installation boundary.





NSF DAHLGREN

PROJECT OVERVIEW (CONTINUED)

INSTALLATION RESILIENCE—10 U.S.C. § 2684A AND 16 U.S.C. § 670C-1

- NSF Dahlgren faces significant environmental degradation, particularly shoreline erosion driven by weather and storm surges, which threatens testing sites, facilities, and monitoring systems essential to mission execution.
- These events jeopardize long-term operational continuity, increasing the risk of infrastructure damage and disruptions to mission-critical weapons development and evaluation.
- Using authorities under 10 U.S.C. § 2684a and 16 U.S.C. § 670c1, NSF Dahlgren has initiated restoration of a dozen shoreline reaches, stabilizing erosion-prone areas to protect infrastructure, enhance installation resilience, and sustain mission-critical testing capabilities.



KEY FISCAL YEAR MILESTONES AT NSF DAHLGREN *

2017

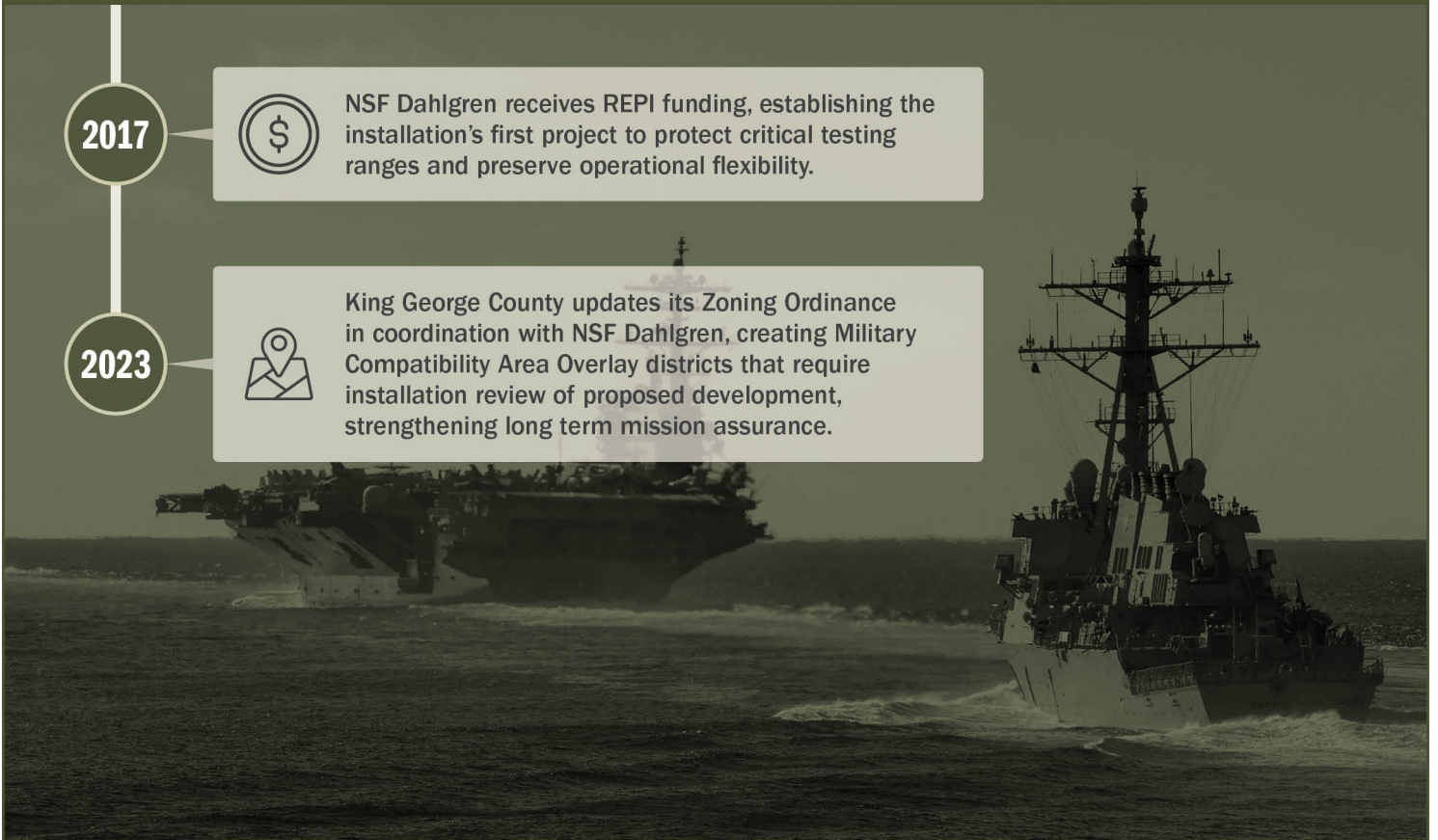


NSF Dahlgren receives REPI funding, establishing the installation's first project to protect critical testing ranges and preserve operational flexibility.

2023



King George County updates its Zoning Ordinance in coordination with NSF Dahlgren, creating Military Compatibility Area Overlay districts that require installation review of proposed development, strengthening long term mission assurance.



* These milestones demonstrate how the installation is strategically utilizing the REPI Program to mitigate encroachment risks and enhance mission assurance. While not exhaustive, the list highlights the various approaches installations are using to preserve critical testing and training capabilities essential to national defense.



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