



The Water Infrastructure Finance and Innovation Act (WIFIA) program accelerates investment in our nation's water infrastructure by providing long-term, low-cost supplemental loans for regionally and nationally significant projects.

SUSTAINABLE WATER INFRASTRUCTURE FOR TOMORROW (SWIFT) PROGRAM

BORROWER: Hampton Roads Sanitation District

LOCATION: Virginia Beach, Virginia

TOTAL WIFIA LOAN AMOUNT: \$268 million

TOTAL WIFIA PROJECT COSTS: \$739 million

POPULATION SERVED BY PROJECT: 1.7 million people

NUMBER OF JOBS CREATED: 850 jobs



Photo credit: Hampton Roads Sanitation District

PROJECT DESCRIPTION

The Hampton Roads Sanitation District's Sustainable Water Infrastructure for Tomorrow (SWIFT) Program is the first major water reuse initiative on the east coast. It includes more than twenty projects across the service area to upgrade existing treatment works and build wells to inject highly treated water into the stressed Potomac Aquifer. By replenishing the Potomac aquifer, the program will restore water supply, prevent saltwater intrusion, and mitigate land subsidence related to aquifer withdrawals in coastal Virginia. The program will also improve the quality of the Chesapeake Bay by reducing surface water discharge of treated effluent by approximately 100 million gallons per day (MGD) – 90 percent of Hampton Road Sanitation District's discharge to the Bay watershed. This is the third loan under a master agreement that will commit \$1.3 billion in WIFIA assistance to the Hampton Roads Sanitation District to implement the \$2.9 billion SWIFT program.

PROJECT AND FINANCING BENEFITS

- Replenishes the overdrawn Potomac aquifer, the primary source of groundwater throughout eastern Virginia, and restores its water supply.
- Protects groundwater from saltwater intrusion and reduces land subsidence.
- Reduces the amount of nutrients and sediments discharged into local waters and ultimately the Chesapeake Bay.
- Provides flexibility by deferring principal payments and sculpting WIFIA loan around other debt. This customization will save the Hampton Roads Sanitation District an estimated \$24 million over the life of the loan.