



Washington Aqueduct District of Columbia, VA and MD

U.S. ARMY CORPS OF ENGINEERS
FACT SHEET as of April 25, 2025

BUILDING STRONG®

AUTHORIZATION: Act of Congress dated March 3, 1859, [11 Stat 84] placed the care, management, and superintendence of the Washington Aqueduct under the Chief of Engineers of the U.S. Army Corps of Engineers.

TYPE OF PROJECT: Potable water supply for the District of Columbia and portions of Northern Virginia.

CONGRESSIONAL INTEREST: Senators d Van Hollen and Alsobrooks (MD), Kaine and Warner (VA); Representatives Norton (DC-01), Raskin (MD-08), Beyer (VA-08), Connolly (VA-11).

NON-FEDERAL SPONSOR: All funds for operations and capital improvements of Washington Aqueduct are paid directly by the wholesale customers: DC Water and Sewer Authority; Arlington County, VA.; and Fairfax County Water Authority, VA.

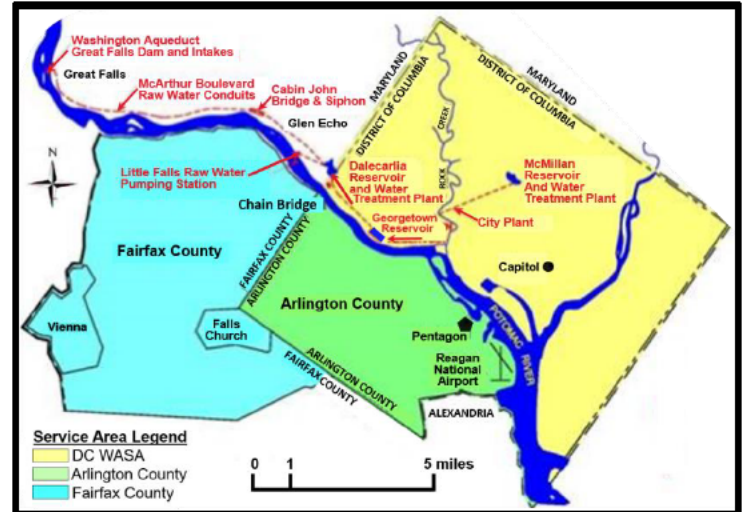
BACKGROUND:

Washington Aqueduct has been in continuous operation since 1863, providing potable water to the District of Columbia, and Arlington County, VA, since 1927, and to the City of Falls Church service area since 1947. In 2014, Fairfax County Water Authority succeeded the City of Falls Church as the operator of that water system.

Washington Aqueduct is a potable water wholesaler. On average, it produces 134 million gallons of water per day. Its current strength is 139 employees. A memorandum of understanding between the wholesale customers and the U.S. Army Corps of Engineers structures the business relationship for the Corps to own and operate Washington Aqueduct on their behalf.

Washington Aqueduct, in conjunction with its wholesale customers and other regional water utilities, the Interstate Commission on the Potomac River Basin and the Metropolitan Washington Council of Governments, is evaluating options for off-Potomac emergency raw water storage to sustain water production and delivery should the Potomac River become contaminated and unavailable for use. Funding for this project is not within the means of Washington Aqueduct.

STATUS: The thrust of the Fiscal 2025 Capital Improvement Program is to revitalize the current infrastructure to ensure safety of treated drinking water and reliability of operations.



The Washington Aqueduct Service Area and Major Facilities.

U.S. ARMY CORPS OF ENGINEERS – BALTIMORE DISTRICT
2 Hopkins Plaza, Baltimore, MD 21201

<https://www.nab.usace.army.mil>

Page 1 of 3

BUDGET (\$):

Fiscal 2025 Budget

Operations and Maintenance	\$68,593.805
Capital Improvements	\$48,000,000

Fiscal 2024 Execution

Operations and Maintenance	\$61,529.252
Capital Improvements	\$39,376.658

SCHEDULE:

FY 2024 Completed Work: 3rd High Influent Repair; McMillan Backwash Pump Improvements; Dalecarlia Filtration Building Upgrades Feasibility Study; Transmission Main Improvements Condition Assessment-2nd High; SCADA System Upgrades; NEC Code Violations Remediation; Dalecarlia Backwash Water Tank Improvements; Georgetown Reservoir Dredge Replacement.

FY 2025 Scheduled Work: Old Conduit Rehabilitation; Basins 3 & 4 Flocculation/Sedimentation Improvements; North Clearwell Replacement; Chemical Building HVAC Upgrades; Residual Processing Facility (RPF) Centrate Discharge Line Feasibility Study; SCADA HMI Improvements; NEPA Compliance Program Updates; Georgetown Reservoir Building Improvements; PFAS Impact Study; Chemical Storage Tanks Replacements; Roof Replacement – Dale and McMillan campus; and OT&I Cellular; Valve 8-375 Repair.

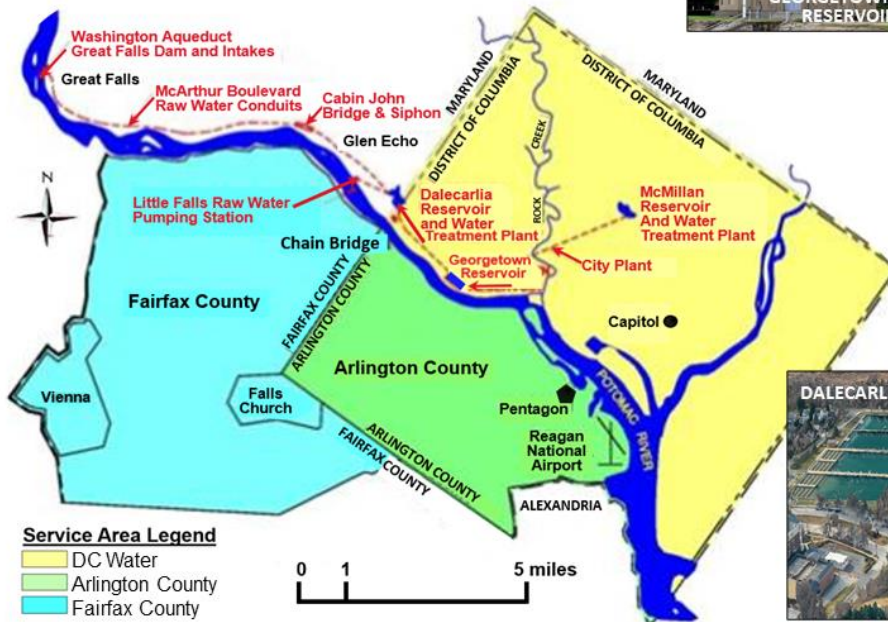
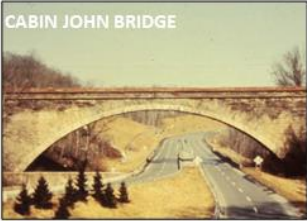
For more information contact Rudy Chow at (202) 587-9127, or email Rudolph.s.chow@usace.army.mil.



Service Area and Major Infrastructure



Providing 135 million gallons of water to over 1 Million people and Government and Defense Facilities in the District of Columbia, Arlington and Fairfax Counties.



Service Area Legend
 DC Water
 Arlington County
 Fairfax County