
Washington Aqueduct

washingtonaqueduct.nab.usace.army.mil

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Description	FY 2010 Actual	FY 2011 Approved	FY 2012 Proposed	% Change from FY 2011
Operating Budget	\$46,511,757	\$58,398,886	\$61,477,854	5.3

Note: Washington Aqueduct does not use the District's financial system for its actual transactions. FY 2010 Actual amount was reported to the OCFO by Washington Aqueduct.

The mission of Washington Aqueduct is to collect, purify, and pump an adequate supply of potable water to the distribution system managed by the District of Columbia Water and Sewer Authority (now known as D.C. Water), Arlington County, and the City of Falls Church, Virginia.

The agency plans to fulfill its mission by achieving the following strategic goals:

- Provide an adequate supply of high quality potable water;
- Provide potable water at an equitable, economical rate that covers all costs; and
- Protect the drinking water consumer from both microbial risk and adverse health effects due to chemicals in the drinking water.

Washington Aqueduct owns and operates intake facilities on the Potomac River at Great Falls and Little Falls, Maryland. Washington Aqueduct also owns and operates two 10-mile gravity conduit systems with a combined 200 million gallon per day (mgd) capacity, a 525-mgd raw water pumping station and transmission system, two major treatment plants with 320-mgd capacity, three booster pumping stations, a 480-mgd finished water pumping station, seven finished storage reservoirs, and many large diameter transmission mains.

Washington Aqueduct is owned and operated by the U.S. Army Corps of Engineers and is governed by a Wholesale Customer Board. It sells water to three wholesale customers: DC Water; Arlington County, Virginia; and the City of Falls Church, Virginia. In FY 2010, Washington Aqueduct pumped 53.2 billion gallons of purified water to its customers. In Fiscal Year 2011 and 2012 each, Washington Aqueduct is expected to produce and supply an estimated 53 billion gallons of water to its customers.

Washington Aqueduct does not receive appropriated funding from the District of Columbia or the federal government.

DC Water funds the District of Columbia's portion of the costs of the Washington Aqueduct. As a wholesale customer, DC Water purchases potable water and makes payments to Washington Aqueduct based on the number of gallons provided. Washington Aqueduct charges a rate based on water sale agreements with DC Water, Arlington County, and the City of Falls Church. The individual wholesale customers are responsible for water distribution.

Water Quality

Water being produced by Washington Aqueduct treatment plants has consistently met all Federal Environmental Protection Agency (EPA) drinking water standards. The corrosion control program to protect customers from the possibility of lead leaching from pipes and fixtures is working very well. As part of the Optimal Corrosion Control Treatment specified by EPA, Washington Aqueduct has added additional procedures to ensure that the pH of the water is very stable and meets the very small variations

around 7.7 pH units specified by EPA. The Technical Expert Working Group, which consists of EPA, DC Water, Washington Aqueduct (and its other wholesale customers in Virginia), and the District Department of the Environment, continues to meet regularly and will comment on any future changes that Washington Aqueduct makes to improve water quality.

The agency's FY 2012 proposed budget is presented in the following tables:

FY 2012 Proposed Gross Funds Operating Budget, by Revenue Type

Table LB0-1 contains the proposed FY 2012 agency budget compared to the FY 2011 approved budget. It also provides FY 2009 and FY 2010 actual expenditures.

Table LB0-1

(dollars in thousands)

Appropriated Fund	Actual FY 2010	Approved FY 2011	Proposed FY 2012	Change from FY 2011	Percent Change*
General Fund					
Special Purpose Revenue Funds	46,512	58,399	61,478	3,079	5.3
Total for General Fund	46,512	58,399	61,478	3,079	5.3
Gross Funds	46,512	58,399	61,478	3,079	5.3

*Percent change is based on whole dollars.

Note: Washington Aqueduct does not use the District's financial system for its actual transactions. FY 2010 Actual amount was reported to the OCFO by Washington Aqueduct.

Note: If applicable, for a breakdown of each Grant (Federal and Private), Special Purpose Revenue type and Intra-District agreement, please refer to **Schedule 80 Agency Summary by Revenue Source** in the FY 2012 Operating Appendices located on the Office of the Chief Financial Officer's website.

FY 2012 Proposed Operating Budget, by Comptroller Source Group

Table LB0-2 contains the proposed FY 2012 budget at the Comptroller Source Group (object class) level compared to the FY 2011 approved budget. It also provides FY 2009 and FY 2010 actual expenditures.

Table LB0-2

(dollars in thousands)

Comptroller Source Group	Actual FY 2010	Approved FY 2011	Proposed FY 2012	Change from FY 2011	Percent Change*
50 - Subsidies and Transfers	46,512	58,399	61,478	3,079	5.3
Subtotal Nonpersonal Services (NPS)	46,512	58,399	61,478	3,079	5.3
Gross Funds	46,512	58,399	61,478	3,079	5.3

*Percent change is based on whole dollars.

Note: Washington Aqueduct does not use the District's financial system for its actual transactions. FY 2010 Actual amount was reported to the OCFO by Washington Aqueduct.

Program Description

The Washington Aqueduct operates through the following program:

Sale and Water – manages the budget for the agency’s operations. The Aqueduct’s Wholesale Customer Board, including representatives from each jurisdiction in the service area, approves the annual operating and capital budget.

Program Structure Change

The Washington Aqueduct has no program structure changes in the FY 2012 Proposed Budget.

FY 2012 Proposed Operating Budget and FTEs, by Program and Activity

Table LB0-3 contains the proposed FY 2012 budget by program and activity compared to the FY 2011 approved budget. It also provides FY 2009 and FY 2010 actual expenditures.

Table LB0-3

(dollars in thousands)

Program/Activity	Dollars in Thousands				Full-Time Equivalents			
	Actual FY 2010	Approved FY 2011	Proposed FY 2012	Change from FY 2011	Actual FY 2010	Approved FY 2011	Proposed FY 2012	Change from FY 2011
(1000) Washington Aqueduct								
(1100) Washington Aqueduct	46,512	58,399	61,478	3,079	0.0	0.0	0.0	0.0
Subtotal (1000) Washington Aqueduct	46,512	58,399	61,478	3,079	0.0	0.0	0.0	0.0
Total Proposed Operating Budget	46,512	58,399	61,478	3,079	0.0	0.0	0.0	0.0

(Change is calculated by whole numbers and numbers may not add up due to rounding)

Note: Washington Aqueduct does not use the District’s financial system for its actual transactions. FY 2010 Actual amount was reported to the OCFO by Washington Aqueduct.

Note: For more detailed information regarding the proposed funding for the activities within this agency’s programs, please see **Schedule 30-PBB Program Summary by Activity** in the **FY 2012 Operating Appendices** located on the Office of the Chief Financial Officer’s website.

FY 2012 Proposed Budget Changes

Cost Increase: The agency's FY 2012 budget includes \$3,430,000 increase in pay-as-you-go capital improvements over FY 2011. The specific capital projects contained in the FY 2012 budget include upgrades to the Dalecarlia Pumping Station building, sedimentation improvements at McMillan Reservoir, upgrades of Fire Protection Systems at the Dalecarlia and McMillan plants, and 1st High Reservoir improvements.

Cost Decrease: The agency's FY 2012 budget includes \$301,781 less in debt service payments to DC Water and the United States Treasury due to lower unpaid principal balance. It also includes a net reduction of \$49,251 in the operations and maintenance costs of the Washington Aqueduct primarily attributed to improved chemical and electricity costs, partially offset by operational costs of Residuals and Hypochlorite facilities. These facilities will ensure regulatory compliance and safety of employees and neighborhood.

FY 2011 Approved Budget to FY 2012 Proposed Budget, by Revenue type

Table LB0-4 itemizes the changes by revenue type between the FY 2011 approved budget and the FY 2012 proposed budget.

Table LB0-4

(dollars in thousands)

	PROGRAM	BUDGET	FTE
SPECIAL PURPOSE REVENUE FUNDS: FY 2011 Approved Budget and FTE		58,399	0.0
Cost Increase: To align budget with projected expenses	Washington Aqueduct	3,079	0.0
FY 2012 Initial Adjusted Budget		61,478	0.0
SPECIAL PURPOSE REVENUE FUNDS: FY 2012 Proposed Budget and FTE		61,478	0.0
Gross for LB0 - Washington Aqueduct		61,478	0.0