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# Water and Sewer Authority

[www.dcwater.com](http://www.dcwater.com)

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Description	FY 2011 Actual	FY 2012 Approved	FY 2013 Proposed	% Change from FY 2012
Operating Budget	\$86,925	\$422,357,000	\$456,775,000	8.1

*Note: Water and Sewer Authority (DC Water) does not use the District's financial system for its actual transactions. For FY 2011 actual expenditures, see the FY 2011 District of Columbia Comprehensive Annual Financial Report (CAFR).*

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The mission of the District of Columbia Water and Sewer Authority (DC Water) is to serve all of its customers with outstanding service by providing reliable and cost-effective water and wastewater services in accordance with best practices.

The District of Columbia Water and Sewer Authority was created by District law in 1996, with the approval of the United States Congress, as an independent authority of the District government with a separate legal existence. In 1996, regional participants in DC WASA (the former acronym for the water authority), including the District of Columbia, Montgomery and Prince George's counties in Maryland, and Fairfax County in Virginia, as well as the United States Congress, agreed to create an independent, multi-jurisdictional water and wastewater authority. In April 1996, the District of Columbia enacted the Water and Sewer Authority Establishment and Department of Public Works Reorganization Act of 1996, a statute that provided the groundwork for the Authority to become operationally independent beginning October 1, 1996. In recognition of changing times, in June 2010, the agency adopted a new logo and brand name, DC Water, while its official name remained District of Columbia Water and Sewer Authority. DC Water is governed by an 11-member regional Board of Directors and provides essential water and wastewater services to more than 2 million residents and businesses throughout the metropolitan region.

The Authority's FY 2013 Board-approved budget is presented in the following tables:

## FY 2013 Proposed Gross Funds Operating Budget, by Revenue Type

Table LA0-1 contains the proposed FY 2013 agency budget compared to the FY 2012 approved budget. It also provides FY 2010 and FY 2011 actual expenditures.

**Table LA0-1**  
(dollars in thousands)

Appropriated Fund	FY 2010 Actual	FY 2011 Actual	Approved FY 2012	Proposed FY 2013	Change from FY 2012	Percent Change*
<b>General Fund</b>						
Special Purpose Revenue Funds	299	87	422,357	456,775	34,418	8.1
<b>Total for General Fund</b>	<b>299</b>	<b>87</b>	<b>422,357</b>	<b>456,775</b>	<b>34,418</b>	<b>8.1</b>
<b>Gross Funds</b>	<b>299</b>	<b>87</b>	<b>422,357</b>	<b>456,775</b>	<b>34,418</b>	<b>8.1</b>

\*Percent change is based on whole dollars.

DC Water does not use the District's financial system for its transactions. For FY 2011 actual expenditures, see the FY 2011 District of Columbia Comprehensive Annual Financial Report.

**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 2013 Operating Appendices located on the Office of the Chief Financial Officer's website.

## FY 2013 Proposed Operating Budget, by Comptroller Source Group

Table LA0-2 contains the proposed FY 2013 budget at the Comptroller Source Group (object class) level compared to the FY 2012 approved budget. It also provides FY 2010 and FY 2011 actual expenditures.

**Table LA0-2**  
(dollars in thousands)

Comptroller Source Group	FY 2010 Actual	FY 2011 Actual	Approved FY 2012	Proposed FY 2013	Change from FY 2012	Percent Change*
11 - Regular Pay - Cont Full Time	0	0	84,533	88,077	3,544	4.2
14 - Fringe Benefits - Curr Personnel	0	0	23,807	24,509	702	2.9
15 - Overtime Pay	0	0	5,015	5,210	195	3.9
<b>Subtotal Personal Services (PS)</b>	<b>0</b>	<b>0</b>	<b>113,355</b>	<b>117,796</b>	<b>4,441</b>	<b>3.9</b>
20 - Supplies and Materials	0	0	29,946	31,360	1,414	4.7
30 - Energy, Comm. and Building Rentals	0	0	37,447	36,921	-526	-1.4
40 - Other Services and Charges	0	0	33,000	33,649	649	2.0
41 - Contractual Services - Other	0	0	78,826	82,350	3,524	4.5
50 - Subsidies and Transfers	0	0	23,401	24,315	914	3.9
70 - Equipment and Equipment Rental	0	0	995	993	-2	-0.2
80 - Debt Service	299	87	105,387	129,391	24,004	22.8
<b>Subtotal Nonpersonal Services (NPS)</b>	<b>299</b>	<b>87</b>	<b>309,002</b>	<b>338,979</b>	<b>29,977</b>	<b>9.7</b>
<b>Gross Funds</b>	<b>299</b>	<b>87</b>	<b>422,357</b>	<b>456,775</b>	<b>34,418</b>	<b>8.1</b>

\*Percent change is based on whole dollars.

**Note:** DC Water does not use the District's financial system for its transactions. For FY 2011 actual expenditures, see the FY 2011 District of Columbia Comprehensive Annual Financial Report.

## **Program Description**

DC Water's priority is to provide clean and safe water to the residents, businesses, and visitors in its service area. The agency maintains a strong emphasis on water quality, which involves an annual flushing program, regulatory and voluntary water quality testing, ongoing system upgrades, and lead service line replacements. DC Water has a strong relationship with the U.S. Army Corps of Engineers' Washington Aqueduct to ensure that the water treatment process is optimal for delivering high water quality throughout the year. As a concerted effort to ensure the quality of the water DC Water delivers, DC Water meets or exceeds federal health and safety standards. Both DC Water and the Washington Aqueduct closely and routinely monitor numerous water quality parameters outside of the regulated areas to optimize the quality of water delivered to customers. Hundreds of samples are collected and analyzed each month from various locations, including residences, commercial buildings, schools, and day care facilities.

An annual Water Quality Report is published each year to communicate freely with customers and explain where the water comes from, what is in the water, how the water is treated, and how it is distributed to various homes and businesses. The DC Water Distribution system entails 1,300 miles of water pipe, four pumping stations, five reservoirs, three water tanks, 36,000 valves, and more than 9,000 public fire hydrants. In Fiscal Year 2011, DC Water pumped an average of 103 million gallons of water per day and stored 61 million gallons of treated water at its eight facilities. An additional 55 million gallons are stored by the Washington Aqueduct.

**Sanitary Sewer and Stormwater System** - Sewer service is another core DC Water program. This program provides for the operation and maintenance of the combined sewer system in the District, which collects and transports wastewater and stormwater flows to treatment and authorized discharge points as well as the separated sanitary sewers in the District. DC Water operates 1,800 miles of sanitary and combined sewers, 22 flow-metering stations, 9 off-site wastewater pumping stations, 16 stormwater pumping stations, 12 inflatable dams, and a swirl facility. Stormwater activities within the separated sanitary and storm sewer areas are managed under legislation and federal permit by the District of Columbia Department of the Environment. The sanitary sewer program has several major capital improvement projects, including the Combined Sewer Overflow Long Term Control Project.

**Wastewater Treatment System** - Wastewater treatment services are provided at Blue Plains Plant to over 1.7 million people in DC Water's service area. Wastewater treatment includes liquid process facilities that provide treatment for both sanitary wastewater flows and peak storm flows originating in the sanitary and combined sewer systems respectively, along with solids processing facilities that treat the residual solids removed by the liquid process facilities. Blue Plains is rated for an average flow of 370 million gallons per day (MGD), and it is required by its National Pollutant Discharge Elimination System (NPDES) permit to treat a peak flow rate of 740 MGD through the complete treatment process for up to four hours and continuous peak complete treatment flows of 511 MGD thereafter. The plant treats these flows to a level that meets one of the most stringent NPDES discharge permits in the United States. Additionally, up to 336 MGD of storm water flow must receive partial treatment, resulting in a total plant capacity of 1,076 MGD.

The District was the first regional signatory of the 1987 Chesapeake Bay Agreement (reducing nitrogen by 40 percent) to meet its voluntary commitment due to significant improvements by DC Water at Blue Plains. Blue Plains has been lauded on several occasions for its efficient wastewater treatment plant operations by the National Association of Clean Water Agencies due to its excellent record of compliance with federal regulations. DC Water continues to implement its combined sewer overflow long-term control plan (also referred to as the Clean Rivers Project), which, when fully implemented, will significantly reduce sewer overflows, resulting in improved water quality and significant reduction in debris in the national capital's waterways.

## **Program Structure Change**

DC Water has no program structure changes in the FY 2013 proposed budget.

## FY 2013 Proposed Operating Budget and FTEs, by Program and Activity

Table LA0-3 contains the proposed FY 2013 budget by program and activity compared to the FY 2012 approved budget. It also provides the FY 2011 actual data.

**Table LA0-3**

(dollars in thousands)

Program/Activity	Dollars in Thousands				Full-Time Equivalents			
	Actual FY 2011	Approved FY 2012	Proposed FY 2013	Change from FY 2012	Actual FY 2011	Approved FY 2012	Proposed FY 2013	Change from FY 2012
<b>(1000) WASA</b>								
(1100) WASA	87	422,357	456,775	34,418	0.0	0.0	0.0	0.0
<b>Subtotal (1000) WASA</b>	<b>87</b>	<b>422,357</b>	<b>456,775</b>	<b>34,418</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
<b>Total Proposed Operating Budget</b>	<b>87</b>	<b>422,357</b>	<b>456,775</b>	<b>34,418</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>

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

**Note:** DC Water does not use the District's financial system for its transactions. For FY 2011 actual expenditures, see the FY 2011 District of Columbia Comprehensive Annual Financial Report.

**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 2013 Operating Appendices** located on the Office of the Chief Financial Officer's website, and the DC Water website at [www.dewater.com](http://www.dewater.com).

## FY 2013 Proposed Budget Changes

The Water and Sewer Authority's (DC Water) FY 2013 gross budget is \$456,775,000, which represents a 8.1 percent increase over the FY 2012 approved budget of \$422,357,000. The budget is comprised entirely of Special Purpose Revenue Funds.

### Initial Adjusted Budget

On January 5, 2012, DC Water's Board of Directors voted to approve its FY 2013 budget, which is a net increase of \$34,418,000 over the FY 2012 approved budget. This increase is the result of projected increases to operating costs.

**Cost Increase:** \$24,004,000 for debt service; \$4,441,000 for personal services for in-sourcing positions; \$3,524,000 for Contractual Services; \$1,414,000 for Supplies and Materials; \$914,000 for the Payment-in-Lieu-of-Taxes (PILOT) to the District of Columbia and Right-of-Ways fees; and \$123,000 for utilities and water purchases.

**Cost Decrease:** \$2,000 for small equipment purchase will be decreased in FY 2013.

## FY 2012 Approved Budget to FY 2013 Proposed Budget, by Revenue Type

Table LA0-4 itemizes the changes by revenue type between the FY 2012 approved budget and the FY 2013 proposed budget.

**Table LA0-4**

(dollars in thousands)

	PROGRAM	BUDGET	FTE
<b>SPECIAL PURPOSE REVENUE FUNDS: FY 2012 Approved Budget and FTE</b>		<b>422,357</b>	<b>0.0</b>
Cost Increase: Debt Service Payment	WASA	24,004	0.0
Cost Increase: Net increase in personal services	WASA	4,441	0.0
Cost Increase: Contractual Services	WASA	3,524	0.0
Cost Increase: Supplies and Materials	WASA	1,414	0.0
Cost Increase: Subsidies and Transfers for PILOT and ROW	WASA	914	0.0
Cost Increase: Net increase in utilities and water purchase	WASA	123	0.0
Cost Decrease: Funding for small equipment purchase	WASA	-2	0.0
<b>FY 2013 Initial Adjusted Budget</b>		<b>456,775</b>	<b>0.0</b>
<b>SPECIAL PURPOSE REVENUE FUNDS: FY 2013 Proposed Budget and FTE</b>		<b>456,775</b>	<b>0.0</b>
<b>Gross for LA0 - Water and Sewer Authority</b>		<b>456,775</b>	<b>0.0</b>

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

