

**District of Columbia**  
**Intended Use Plan for**  
**Safe Drinking Water Act Funds**  
**Federal Fiscal Years 2011 and 2012**

The Safe Drinking Water Act (SDWA) Amendments of 1996 (Public Law 104-182) authorize a Drinking Water State Revolving Fund (DWSRF) program to assist public water systems to finance improvements needed to achieve or maintain compliance with SDWA requirements and to protect public health. Although the District of Columbia (“the District”) is defined as a State for the purposes of SDWA, Section 1452(j) exempts the District from establishing a State Revolving Fund program. Therefore, the U.S. Environmental Protection Agency (EPA) provides the District's allotment of Federal funds in the form of grants. The District of Columbia Water and Sewer Authority, also known as “DC Water”, is the grantee for project grants while the DC Department of the Environment (DDOE) and its agent, the U.S. Army Corps of Engineers (COE) Office at Blue Plains, can receive funds for oversight and management of these projects.

EPA, DDOE, and DC Water have agreed to this combined Fiscal Year (FY) 2011 - FY 2012 Intended Use Plan. This Intended Use Plan outlines how the combined amount of Federal funding and required matching funds will be apportioned among program and project uses. The Federal Fiscal Year 2011 runs from October 1, 2010 to September 30, 2011, and the Federal Fiscal Year 2012 runs from October 1, 2011 to September 30, 2012.

**LONG AND SHORT-TERM GOALS FOR THE USE OF DC GRANT FUNDS**

Long-Term Goals

1. Provide safe and adequate supplies of potable water by correcting problems with and maintaining adequate facilities for drinking water storage and distribution. Emphasis is placed on projects designed to correct deficiencies, which pose a potential threat to public health.
2. Maintain compliance with SDWA drinking water standards or other requirements of the SDWA.

Short-Term Goals

1. Implement near term projects as identified in DC Water’s Water System Facilities Plan.
2. Consider, where feasible, the funding-of “green projects” or “green alternatives” which are defined in EPA Headquarters’ Memorandum entitled “Award of Grants to the District of Columbia and the Territories with Funds Appropriated by P.L. 111-5, the “American Recovery and Reinvestment Act of 2009.”” Such projects must be specified in at least one of the following categories: water efficient, energy efficient, green infrastructure, environmentally innovative or may be otherwise beneficial and so demonstrated by use of a business case analysis.

## **AVAILABLE FUNDS**

The FY 2010 DWSRF allotment to the District was originally \$13,573,000. During FY 2010, EPA provided some of these funds to the U.S. Army Corps of Engineers and DDOE for project oversight and for construction work at DC Water's Bryant Street Pumping Station leaving \$6,007,029 available for immediate use. Any FY 2010 DWSRF funds not obligated by September 30, 2011 are subject to loss and redistribution to other states.

It should be noted that there is a "green project reserve" requirement attached to FY 2010 DWSRF funds. A minimum goal of 20% of the total FY 2010 allotment of \$13,573,000 is to be used to fund "green projects" as described above. Therefore, the resultant amount of \$2,714,600 will be purposed for these "green projects" if there are sufficient candidate projects that qualify. Any projects that are determined to be "green" shall be listed along with the justification on the State, EPA Region III, and DC Water websites.

If the "green project reserve" goal of 20% cannot be achieved from the available projects, DC Water shall certify this to the Mayor of the District of Columbia along with a description of its attempts to achieve this goal within 45 days of the approval of this Intended Use Plan and associated Project Priority List. The Mayor shall submit within 30 days a certification and justification to the US EPA Region III, Water Protection Division Director. The Water Protection Division Director shall forward this information to EPA Headquarters for a final determination of compliance.

At this time, no such "green project reserve" requirement exists for FY 2011 or FY 2012 DWSRF funds. If one is required in the future or if it is mutually decided by EPA, DDOE, and DC Water, a "green project reserve" may be continued in future years at this 20% level or at another level deemed to be appropriate.

The FY 2011 and FY 2012 DWSRF allotment have not yet been determined. But for purposes of planning, we have assumed FY 2008 DWSRF allotment of approximately \$8,000,000 for each of these years. When the final amounts are determined and made available by Congress, the available fund amount will be adjusted accordingly.

If Congress authorizes any supplementary funds during this period, these funds would be directed in accordance with this Intended use Plan, the Project Priority List and process described below unless otherwise modified by Congress or EPA.

## **DISTRIBUTION OF FUNDS AND FUTURE PROJECTS**

For FY 2011 and FY 2012, the expected usage is as follows:

<b>Available Federal Funds</b>	<b>Grant Dollars</b>
FY 2010 DWSRF (Remaining Balance) Of this remaining balance, there is a 20% goal of funding "green projects" based on the original allotment of \$13,573,000. This amount is \$2,714,600.	\$8,966,540
FY 2011 DWSRF (Estimated Allotment)	\$8,000,000
FY 2012 DWSRF (Estimated Allotment)	\$8,000,000
Total Estimated Federal Funds (FY 2011 – 2012)	\$24,966,540
<b>Project Pool that may be submitted by DC Water for grants during FY 2011 &amp; FY 2012 in Priority Order</b> [Brackets indicate year that project will be ready to be bid]	
Storage Facility Electrical & Miscellaneous Upgrades (Various reservoirs and storage tanks) [FY 12]	2,344,000
Crosstown Water Main Rehabilitation in Rock Creek Park [FY 11]	7,008,000
16 <sup>th</sup> & Alaska Pumping Station Upgrades [FY 11]	2,440,000
Large Valve Replacements – Contract 9 (Various locations throughout the city) [FY 11]	2,536,000
Large Diameter Water Main Internal Repairs 2 (Various locations throughout the city) [FY 12]	3,120,000
Steel Water Main Rehabilitation Phase 1A (Various locations throughout the city) [FY 12]	2,268,000
Combined Sewer Overflow #036 work at Sheridan Circle and Massachusetts Ave. 23 <sup>rd</sup> St, NW - Associated Water Main Replacements [FY 12]	768,000
Upper Anacostia Main Interceptor Relief Sewer – Associated Water Main Replacements in the vicinity of Jay & 40 <sup>th</sup> Streets, NE [FY 12]	1,752,000
Small Diameter Water Main Rehabilitation 7 (Various locations throughout the city) [FY 11]	11,220,000
Small Diameter Water Main Rehabilitation 8 (Various locations throughout the city) [FY 11]	11,720,000
4th High Check Valve & WSSC Interconnections (Various locations throughout the city) [FY 11]	968,000
24-inch Water Main Rehabilitation under Rock Creek near the Whitehurst Freeway in Georgetown [FY 12]	480,000
Water Facility Instrumentation Upgrades (Various locations throughout the city) [FY 12]	336,000
<b>Total Grant Project Pool</b>	<b>\$46,960,000</b>
<b>Projected Uses From Above (FY 2011 – 2012)</b>	
Grant awards may not exceed available grant funds	\$24,966,540
<b>Total Federal and Local Funds Available for FY 2011 – 2012</b>	
Estimated Federal Funds for DC Water Projects (80% grant)	\$24,966,540
Estimated Local Funds for DC Water Projects (20% match)	\$6,241,635
Total Available Funds for FY 2011 and FY 2012	\$31,208,175

EPA allows DC Water to receive Federal funds at the 80% level. These grants require a 20% local match.

DC Water will increase its local match level if sufficient Federal funds are not available for a project to be fully funded in order not to impede the project or its construction. As future Federal funds become available, DC Water may request additional funds to cover any shortfall in Federal funding. It should also be noted that DC Water's Capital Improvement Program is not wholly dependent upon Federal funding.

## **SELECTION OF PROJECTS TO BE FUNDED**

In 1999, EPA in conjunction with DC developed a Project Priority Rating System. The Project Priority Rating System uses a system to numerically score drinking water projects based upon their contribution to protecting public health, improving compliance with regulatory standards, and maintaining drinking water reliability, safety and environment. The ranking system includes a provision allowing for funding of lower ranked projects (i.e. for by-passing higher ranked projects) based on exigent circumstances and implementability of the lower ranked projects relative to the higher ranked projects proposed to be by-passed.

The attached Project Priority List (PPL) is routinely updated to remove projects when grants are awarded, to reflect new estimated costs and schedules, and to include new projects. This FY 2011 - 2012 PPL, is a two year project funding plan and revises and supersedes the previously approved FY 2009 - FY 2010 PPL which has expired. The plan identifies expected projects to be funded during the FY 2011 – FY 2019 period. Projects are displayed on the PPL in priority order. The project with the highest priority rating score (i.e., the most important) is listed first. The remaining projects are listed in order of descending score.

Except for the selection and funding of “green projects” using FY 2010 funds, the projects listed in the FY 2011 and FY 2012 PPL will be funded in priority order unless by-passed by lower ranked projects owing to exigent circumstances and their implementability or as stipulated by law or by agreement to continue the “green project reserve” in these years.

The PPL projects listed below are expected to be funded during FY 2011 and FY 2012 with the current estimate of available Federal funds. The most likely, grant applications that will be submitted for funding during FY 2011 are:

- Crosstown Water Main Rehabilitation in Rock Creek Park
- 16<sup>th</sup> & Alaska Pumping Station Upgrades
- Large Valve Replacements – Contract 9 (Various locations throughout the city)
- Small Diameter Water Main Rehabilitation 7 (Various locations throughout the city) or Small Diameter Water Main Rehabilitation 8 (Various locations throughout the city)

Note 1: The total grant eligible amounts of the five projects above exceed the Federal funds currently available.

Note 2: Potentially “green projects” may include portions of the 16<sup>th</sup> & Alaska Pumping Station Upgrades and both small diameter water main rehabilitation projects listed above.

The grant applications most likely to be submitted for funding in FY 2012 are:

- Any above identified FY 2011 project which was not undertaken or may still require additional funds.
- Large Diameter Water Main Internal Repairs 2 (Various locations throughout the city)
- Steel Water Main Rehabilitation Phase 1A (Various locations throughout the city)
- Combined Sewer Overflow #036 work at Sheridan Circle and Massachusetts Ave. 23<sup>rd</sup> St, NW - Associated Water Main Replacements
- Upper Anacostia Main Interceptor Relief Sewer – Associated Water Main Replacements in the vicinity of Jay & 40<sup>th</sup> Streets, NE

- 4th High Check Valve & WSSC Interconnections (Various locations throughout the city)
- 24-inch Water Main Rehabilitation under Rock Creek near the Whitehurst Freeway in Georgetown
- Water Facility Instrumentation Upgrades (Various locations throughout the city)

Note: We are unable to determine at this time which projects from the above list may be considered “green” without additional information that will be provided with the grant application.