

District of Columbia
Intended Use Plan for
Safe Drinking Water Act Funds
Federal Fiscal Years 2009 and 2010

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 (WASA) 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 WASA have agreed to this Fiscal Year (FY) 2009 and FY 2010 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. WASA Fiscal Year 2009 runs from October 1, 2008 to September 30, 2009, and Fiscal Year 2010 runs from October 1, 2009 to September 30, 2010.

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 WASA's Water System Facilities Plan.

AVAILABLE FUNDS

The FY 2009 DWSRF allotment to the District is \$3,491,000 with \$651,680 going to the Army Corps of Engineers and the District for oversight and \$3,038,156 available from the deobligation of surplus Federal funds from previously completed projects. The FY 2009 DWSRF allotment is through March 6, 2009, and more funds may be available after that date. The FY 2010 DWSRF allotment is estimated to be \$8,146,000.

DISTRIBUTION OF FUNDS

For FY 2009 and FY 2010, the available funding and expected usage is as follows:

Available Federal Funds	Grant Dollars
Carryover Funds from previous years (Deobligated Funds)	\$3,038,156
FY 2009 DWSRF (Estimated Allotment) *	8,146,000
FY 2010 DWSRF (Estimated Allotment) **	8,146,000
Proposed Economic Stimulus Bill***	48,000,000
Total Estimated Federal Funds (FY 2009 – 2010)	\$67,330,156
Activities anticipated to be funded during FY 2009	
DDOE / COE Project Oversight for FY 2009-2010 (estimate)****	2,693,206
Project Pool that may be submitted by WASA for grants during FY 2009 & FY 2010 (available funds)	
Small Valve Replacements Contract 5	\$829,000
Fire Hydrant Replacement	21,600,000
Upgrades to Ft. Reno Pumping Station	5,820,000
Large Valve Replacements - Contract 8	2,216,000
Small Diameter Water Main Rehabilitation - CSO036 Water Main Work	960,000
Small Diameter Water Main Rehabilitation - FY 2009	6,650,000
Small Diameter Water Main Rehabilitation 6	7,720,000
Small Diameter Water Main Rehabilitation 7	10,320,000
Upper Anacostia Main Interceptor Water Main Replacement	2,190,000
4 th High Check Valve & WSSC Interconnections	1,320,000
Discharge Piping at Bryant Street Pumping Station	5,080,000
St. Elizabeth Tank	4,665,000
24" Water Main Rehab – Rock Creek Crossing	620,000
Ft. Stanton Reservoir No. 2 Joint Seals	2,470,000
Large Diameter Water Main Internal Repairs	4,790,000
Rock Creek CSO Separation (water main)	4,600,000
Total Grant Project	\$81,850,000
Projected Uses From Above (FY 2009 – 2010)	
Grant awards may not exceed available grant funds	\$67,330,156

Total Federal and Local Funds Available for FY 2009 - 2010	Funds
Estimated Federal Funds for WASA Projects (80% grant)	\$53,864,125
Estimated Local Funds for WASA Projects (20% match)	13,466,031
Estimated Federal Funds for DDOE /ACOE Activity (100% grant)	2,693,206
Total Available Funds for FY 2009 and FY 2010	\$70,023,362
* A final FY 2009 Allotment has not yet been determined by Congress as of this date, although approval to use \$3,491,000 has been authorized. The amount of \$8,146,000 in the table above reflects the District's previous FY 2008 allotment with the assumption that the final amount may be in keeping with this. Congress may increase or decrease this estimated amount. This amount is for planning purposes only.	
** A final FY 2010 Allotment has not yet been determined by Congress as of this date, The amount of \$8,146,000 in the table above reflects the District's previous FY 2008 allotment with the assumption that the final amount may be in keeping with this. Congress may increase or decrease this estimated amount. This amount is for planning purposes only.	
***FY 09 -10 IUP has been expanded to include all potential projects to use the money from the proposed Economic Stimulus Bill. Grant funding up to 100% maybe available.	
****4% of FY 09 and 10 allocations and Economic Stimulus Bill	

There are proposals pending in Congress which may provide additional funds that may become available in FY 2009. If these monies become available the projects would be taken in priority order. The grant percentages for the projects are unknown at this time. Full Federal grant funding of 80 percent for projects or activities may not be initially available at the time of grant award. As future funds become available, projects and activities may request additional funds to cover any initial funding shortfalls. Any Federal funding shortfalls will be covered by WASA so as not to impede the projects.

Carryover Funds and FY 2009 DWSRF Funds need to be awarded prior to September 30, 2010 or risk being lost. FY 2010 DWSRF Funds need to be awarded prior to September 30, 2011 or risk being lost.

LIST OF PROJECTS

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 Project Priority List (PPL) is generally updated yearly to remove projects when grants are awarded, update estimated costs and schedules based upon current information, and include new projects. The FY 2009 PPL revises the FY 2007 and FY 2008 PPL and identifies expected projects to be funded during the FY 2009 – FY 2017 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. However, it should be noted that although some projects are given a different ranking number on the PPL table they may have the same priority ranking score. It is expected that projects on the FY 2009 PPL will be funded in priority order, except as provided for in the Project Priority Ranking System.

The PPL projects listed above are expected to be funded during FY 2009 and FY 2010 with the current estimate and available Federal funds.

In regards to the apparent shortfall in funding to fund all the projects listed on the PPL, WASA will provide the monies to complete these projects and/or funds from next year's appropriations could be used to supplement the shortfall balance. Also, WASA is currently funding the design of several of the highly ranked projects and, when the designs are completed, these projects will become candidates for future Intended Use Plans.

**Safe Drinking Water Act Construction Grant Draft Project Priority List FY 2009- FY 2010
District of Columbia**

Priority Rank	Priority Rank Score (see Attachment 1)	Name / Description (Remarks)	Fiscal Year	Estimated Eligible Cost	Anticipated Federal Share	Target Grant Application
1	Total score 58 1 Health..... 20 2 Regulatory 25 3 Reliability, safety environment 13	<u>Small Valve Replacements Contract 5</u> WASA Job No. D401 Replacement of small diameter (i.e. <16 inches) distribution system valves.	FY2009	\$829,000	\$829,000	03/2009
41	Total score 13 1 Health..... 0 2 Regulatory 0 3 Reliability, safety environment 13	<u>Fire Hydrant Replacement Contract 4</u> WASA Job No. DL05 Replacement of distribution system fire hydrants.	FY2009	\$3,600,000	\$3,600,000	01/2009
42	Total score 13 1 Health..... 0 2 Regulatory 0 3 Reliability, safety environment 13	<u>Fire Hydrant Replacement Contract 5</u> WASA Job No. GQ01 Replacement of distribution system fire hydrants.	FY2010	\$3,525,000	\$3,525,000	01/2009

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43	Total score 13 1 Health..... 0 2 Regulatory 0 3 Reliability, safety environment 13	<u>Fire Hydrant Replacement Contract 6</u> WASA Job No. GQ02 Replacement of distribution system fire hydrants.	FY 2011	\$14,475,000	\$14,475,000	01/2009
2	Total score 58 1 Health..... 20 2 Regulatory 25 3 Reliability, safety environment 13	<u>Upgrades to Ft. Reno Pumping Station</u> WASA Job No. AY01 Upgrades to the Fort Reno Pumping Station which serves 4 th High West Service Area, including electrical rehabilitation and installation of pressure sensors.	FY2009	\$5,820,000	\$5,820,000	05/2009
3	Total score 58 1 Health..... 20 2 Regulatory 25 3 Reliability, safety environment 13	<u>Large Valve Replacements-Contract 8</u> WASA Job No. BZ01 Replacement of large diameter (i.e. >16 inches) distribution system valves.	FY2009	\$2,216,000	\$2,216,000	05/2009
4	Total score 58 1 Health..... 20 2 Regulatory 25 3 Reliability, safety environment 13	<u>Large Valve Replacements-Contract 9</u> WASA Job No. BZ02 Replacement of large diameter (i.e. >16 inches) distribution system valves.	FY2011	\$2,770,000	\$2,216,000	01/2011

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32	Total score 50 1 Health..... 35 2 Regulatory 0 3 Reliability, safety environment 15	<u>Large Diameter Water Main Internal Repairs</u> WASA Job No. S501 Internal repairs of large diameter (>12 inches diameter) water mains.	FY2009	\$4,790,000	\$4,790,000	05/2009
5	Total score 55 1 Health..... 20 2 Regulatory 25 3 Reliability, safety environment 10	<u>Small diameter water main rehabilitation – CSO036 Water Main Work</u> WASA Job No. MX03	FY2009	\$960,000	\$960,000	05/2009
6	Total score 55 1 Health..... 20 2 Regulatory 25 3 Reliability, safety environment 10	<u>Small diameter water main rehabilitation – FY2009 Small Diameter Water Mains</u> WASA Job No. MX04	FY2010	\$6,650,000	\$6,650,000	03/2010
7	Total score 55 1 Health..... 20 2 Regulatory 25 3 Reliability, safety environment 10	<u>Small diameter water main rehabilitation 6</u> WASA Project No. N8	FY2009	\$7,720,000	\$7,720,000	03/2009

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33	Total score 46 1 Health..... 11 2 Regulatory 25 3 Reliability, safety environment 10	<u>Upper Anacostia Main Interceptor water main replacement</u> WASA Project No. MX05	FY2009	\$2,190,000	\$2,190,000	04/2009
8	Total score 55 1 Health..... 20 2 Regulatory 25 3 Reliability, safety environment 10	<u>Small diameter water main rehabilitation 7</u> WASA Project No. N9	FY2009	\$10,320,000	\$10,320,000	03/2009
9	Total score 55 1 Health..... 20 2 Regulatory 25 3 Reliability, safety environment 10	<u>Small diameter water main rehabilitation 8</u> WASA Project No. O0	FY2012	\$10,320,000	\$8,256,000	01/2012
10	Total score 55 1 Health..... 20 2 Regulatory 25 3 Reliability, safety environment 10	<u>Small diameter water main rehabilitation 9</u> WASA Project No. O1	FY2013	\$10,320,000	\$8,256,000	01/2013

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11	Total score 55 1 Health..... 20 2 Regulatory 25 3 Reliability, safety environment 10	<u>Small diameter water main rehabilitation 10</u> WASA Project No. O2	FY2014	\$10,320,000	\$8,256,000	01/2014
12	Total score 55 1 Health..... 20 2 Regulatory 25 3 Reliability, safety environment 10	<u>Small diameter water main rehabilitation 11</u> WASA Job No. O3	FY2015	\$10,320,000	\$8,256,000	01/2015
13	Total score 55 1 Health..... 20 2 Regulatory 25 3 Reliability, safety environment 10	<u>Small diameter water main rehabilitation 12</u> WASA Job No. DE01	FY2016	\$11,025,000	\$8,820,000	02/2016
14	Total score 55 1 Health..... 20 2 Regulatory 25 3 Reliability, safety environment 10	<u>Small diameter water main rehabilitation 13</u> WASA Job No. F101	FY2016	\$11,025,000	\$8,820,000	01/2017

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15	Total score55 1 Health.....20 2 Regulatory25 3 Reliability, safety environment 10	<u>Small diameter water main rehabilitation 14</u> WASA Job No. F201	FY2018	\$10,740,000	\$8,592,000	04/2018
37	Total score 33 1 Health.....20 2 Regulatory0 3 Reliability, safety environment 13	<u>4th High Check Valve & WSSC Interconnections</u> WASA Job No. AK01	FY2009	\$1,320,000	\$1,320,000	03/2009
35	Total score43 1 Health.....20 2 Regulatory10 3 Reliability, safety environment 13	<u>Discharge Piping at Bryant Street Pumping Station</u> WASA Job No. FH01 Replacement of 66" diameter discharge piping at Bryant Street Pumping Station.	FY2009	\$5,080,000	\$5,080,000	04/2009
36	Total score43 1 Health.....20 2 Regulatory10 3 Reliability, safety environment 13	<u>St. Elizabeth Tank</u> WASA Job No. MA01 Construction of a new elevated water tank to serve the new Anacostia 2 nd High Service Area.	FY2009	\$4,665,000	\$4,665,000	03/2009

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38	Total score 33 1 Health..... 20 2 Regulatory 0 3 Reliability, safety environment 13	<u>5MG 2nd High Reservoir</u> WASA Job No. MR01 Construction of a new elevated water tank to better serve the 2 nd High Service Area.	FY2012	\$11,400,000	\$9,120,000	04/2012
39	Total score 33 1 Health..... 20 2 Regulatory 0 3 Reliability, safety environment 13	Rock Creek CSO Separation (watermain) WASA Jon No. MW03	FY2009	\$4,600,000	\$4,600,000	01/2009
44	Total score 13 1 Health..... 0 2 Regulatory 0 3 Reliability, safety environment 13	Fort Stanton Reservoir No. Joint (watermain) WASA Job No. MW03 Installation of new joint seal on pipe at the water storage facilities.	FY2009	\$2,470,000	\$2,470,000	01/2009
40	Total score 33 1 Health..... 20 2 Regulatory 0 3 Reliability, safety environment 13	<u>2MG 4th High Storage Tank</u> WASA Job No. MQ01 Construction of a new elevated water tank to serve the 4 th High West Service Area.	FY2017	\$5,480,000	\$4,384,000	07/2016

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16	Total score 55 1 Health..... 35 2 Regulatory 10 3 Reliability, safety environment 10	<u>Lead Service Replacements 17</u> Replacement of lead water service connections with copper pipe at approximately 1,000 locations.**	FY2009	\$7,168,000	\$5,734,400	07/2008
17	Total score 55 1 Health..... 35 2 Regulatory 10 3 Reliability, safety environment 10	<u>Lead Service Replacements 18</u> Replacement of lead water service connections with copper pipe at approximately 1,000 locations.**	FY2009	\$8,681,000	\$6,944,800	10/2008
18	Total score 55 1 Health..... 35 2 Regulatory 10 3 Reliability, safety environment 10	<u>Lead Service Replacements 19</u> Replacement of lead water service connections with copper pipe at approximately 1,000 locations.**	FY2009	\$9,081,000	\$7,264,800	11/2008
19	Total score 55 1 Health..... 35 2 Regulatory 10 3 Reliability, safety environment 10	<u>Lead Service Replacements 20</u> Replacement of lead water service connections with copper pipe at approximately 1,000 locations. **	FY2010	\$9,081,000	\$7,264,800	12/2008

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20	Total score 55 1 Health..... 35 2 Regulatory 10 3 Reliability, safety environment 10	<u>Lead Service Replacements 21</u> Replacement of lead water service connections with copper pipe at approximately 1,000 locations. **	FY2010	\$9,044,000	\$7,235,200	10/2009
21	Total score 55 1 Health..... 35 2 Regulatory 10 3 Reliability, safety environment 10	<u>Lead Service Replacements 22</u> Replacement of lead water service connections with copper pipe at approximately 1,000 locations. **	FY2010	\$9,044,000	\$7,235,200	11/2009
22	Total score 55 1 Health..... 35 2 Regulatory 10 3 Reliability, safety environment 10	<u>Lead Service Replacements 23</u> Replacement of lead water service connections with copper pipe at approximately 1,000 locations. **	FY2011	\$9,044,000	\$7,235,200	12/2009
23	Total score 55 1 Health..... 35 2 Regulatory 10 3 Reliability, safety environment 10	<u>Lead Service Replacements 24</u> Replacement of lead water service connections with copper pipe at approximately 1,000 locations. **	FY2011	\$9,422,000	\$7,537,600	10/2010

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24	Total score 55 1 Health..... 35 2 Regulatory 10 3 Reliability, safety environment 10	<u>Lead Service Replacements 25</u> Replacement of lead water service connections with copper pipe at approximately 1,000 locations. **	FY2011	\$9,422,000	\$7,537,600	11/2010
25	Total score 55 1 Health..... 35 2 Regulatory 10 3 Reliability, safety environment 10	<u>Lead Service Replacements 26</u> Replacement of lead water service connections with copper pipe at approximately 1,000 locations. **	FY2012	\$9,422,000	\$7,537,600	12/2010
26	Total score 55 1 Health..... 35 2 Regulatory 10 3 Reliability, safety environment 10	<u>Lead Service Replacements 27</u> Replacement of lead water service connections with copper pipe at approximately 1,000 locations. **	FY2012	\$9,815,000	\$7,852,000	10/2011
27	Total score 55 1 Health..... 35 2 Regulatory 10 3 Reliability, safety environment 10	<u>Lead Service Replacements 28</u> Replacement of lead water service connections with copper pipe at approximately 1,000 locations. **	FY2012	\$9,815,000	\$7,852,000	11/2011

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28	Total score 55 1 Health..... 35 2 Regulatory 10 3 Reliability, safety environment 10	<u>Lead Service Replacements 29</u> Replacement of lead water service connections with copper pipe at approximately 1,000 locations. **	FY2013	\$9,815,000	\$7,852,000	12/2011
29	Total score 55 1 Health..... 35 2 Regulatory 10 3 Reliability, safety environment 10	<u>Lead Service Replacements 30</u> Replacement of lead water service connections with copper pipe at approximately 1,000 locations. **	FY2013	\$7,437,000	\$5,949,600	10/2012
30	Total score 55 1 Health..... 35 2 Regulatory 10 3 Reliability, safety environment 10	<u>Lead Service Replacements 31</u> Replacement of lead water service connections with copper pipe at approximately 1,000 locations.**	FY2013	\$7,437,000	\$5,949,600	11/2012
31	Total score 55 1 Health..... 35 2 Regulatory 10 3 Reliability, safety environment 10	<u>Lead Service Replacements 32</u> Replacement of lead water service connections with copper pipe at approximately 1,000 locations. **	FY2014	\$7,437,000	\$5,949,600	12/2012

Priority Rank	Priority Rank Score (see Attachment 1)	Name / Description (Remarks)	Fiscal Year	Estimated Eligible Cost	Anticipated Federal Share	Target Grant Application
34	Total score 45 1 Health..... 10 2 Regulatory 25 3 Reliability, safety environment 10	<u>24" Water Main Rehab – Rock Creek Crossing</u> WASA Job No. DF01 Rehabilitation of 24" steel water main under Rock Creek in vicinity of Whitehurst Freeway in Georgetown	FY2009	\$620,000	\$620,000	04/2009

*** Locations selected on street segments with the highest number of potential lead services and coordination with DDOT road reconstruction projects.*