

DRAFT
District of Columbia

Intended Use Plan for

Safe Drinking Water Act Funds

Federal Fiscal Years 2013 and 2014

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 (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 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) 2013 - FY 2014 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 2013 runs from October 1, 2012 to September 30, 2013; and the Federal Fiscal Year 2014 runs from October 1, 2013 to September 30, 2014.

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. At this time, there are no requirements to prioritize or establish a specific goal to fund “green projects” as defined by the EPA. “Green projects” were previously defined by EPA as

meeting one of the following four categories: water efficient, energy efficient, green infrastructure, or environmentally innovative. However, should “green projects” become a requirement, as they have been in the past, project funding and prioritization may be affected to comply with this requirement. Absent any such requirement or agreement by DC Water, the District Department of the Environment, and EPA, the listed projects will be funded in priority order and on their readiness to proceed.

AVAILABLE FUNDS

The FY 2013 and FY 2014 DWSRF allotment have not yet been determined. But for purposes of planning, we have assumed FY 2013 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. It should be noted that some previously grant funded projects may be completed for less money than anticipated. This may result in surplus grant funds becoming available for reuse. The use of any “carryover” or surplus grant funds that may be recovered during this period will be used to fund new unfunded projects or past under-funded projects in priority order.

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

For FY 2013 and FY 2014, the available funding and expected usage is as follows:

Available Federal Funds	Grant Dollars
Estimated Surplus Funds from previous years (Prior to FY 2013) ^{Note 1}	\$0
FY 2013 DWSRF (Estimated Allotment)	\$8,000,000
FY 2014 DWSRF (Estimated Allotment)	\$8,000,000
Total Estimated Federal Funds (FY 2013 – 2014)	\$16,000,000
Project Pool that may be submitted for grants during FY 2013 & FY 2014 (in priority ranking order)	
Storage Facility Upgrades 3 [FY'14]	\$432,000
Large Valve Replacements – Contract 10 [FY'13]	\$3,088,000
Large Valve Replacements – Contract 11 [FY'14]	\$2,520,000
St. Elizabeth Tank [FY'13]	\$10,640,000
Large Diameter Water Main Internal Repairs 3 [FY'13]	\$2,528,000
Steel Water Mains Rehabilitation Phase IB [FY'13]	\$2,024,000
20” Low Service Water Main Extension & Pressure Reducing Valve [FY 13]	\$2,856,000
Small Diameter Water Main Rehabilitation 9 [FY'13]	\$12,832,000
Small Diameter Water Main Rehabilitation 10 [FY'14]	\$17,288,000
Total Grant Project Pool	\$54,208,000

Note

1. As of this date, there are no surplus grant funds available from previously funded projects. However, surplus grant funds may arise as existing grant funded projects are completed during FY 2013 and FY 2014. Any surplus grant funds recovered will be used to supplement allotted grant funds. The use of surplus or “carryover” funds will be directed toward either new unfunded projects or past under-funded projects in priority order or as may be agreed upon by EPA, DDOE, and DC Water.

Total Estimated Federal and Local Funds Available for FY 2013 – 2014	Funds
Estimated Federal Funds for DC Water Projects (80% grant)	\$16,000,000
Estimated Local Funds for DC Water Projects (20% match)	\$4,000,00
Total Available Funds for FY 2011 and FY 2012	\$20,000,000

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. Many DC Water projects proceed without any Federal funds.

SELECTION OF PROJECTS TO BE FUNDED

In 1999, EPA in conjunction with DC WATER 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 routinely updated to remove projects when grants are awarded, to reflect new estimated costs and schedules, and to include new projects. This FY 2013 - 2014 PPL, is a two year project funding plan and revises and supersedes the previously approved FY 2010 - FY 2011 PPL, which has expired. The plan identifies expected projects to be funded during the FY 2013 – FY 2014 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.

A more detailed description of these and future water projects can be found online at DC Water’s

website under “District of Columbia Water and Sewer Authority: Capital Improvement Program, Approved 2010 – 2019, Section V11, Water System Service Area”.

http://www.dewater.com/investor_relations/CIP_sections/2011/Water_System_Service_Area.pdf

**DRAFT Safe Drinking Water Act Construction Grant Priority List FY 2013 - FY 2014
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>Storage Facility Upgrades 3</u> DC Water Job No. FA03 - for future upgrades / improvements based upon planned inspection / assessments to Fort Stanton Reservoirs, Anacostia Elevated Tanks, Fort Reno Elevated Tank 2, and Brentwood Reservoir facilities.	FY2014	\$540,000	\$432,000	12/2013
2	Total score..... 58 1 Health..... 20 2 Regulatory..... 25 3 Reliability, safety, environment.. 13	<u>Storage Facility Upgrades 4</u> DC Water Job No. FA04 - for future upgrades / improvements based upon planned inspection / assessments to Fort Stanton Reservoirs, Anacostia Elevated Tanks, Fort Reno Elevated Tank 2, and Brentwood Reservoir facilities.	FY2016	\$590,000	\$472,000	11/2015
3	Total score..... 55 1 Health..... 20 2 Regulatory..... 25 3 Reliability, safety, environment.. 10	<u>5MG 2nd High Reservoir</u> DC Water Job No. MR01 - this project includes the siting and feasibility study, design and construction of a 5.0 million gallon water storage reservoir in the 2nd High Service Area east of Rock Creek Park. The reservoir will address storage deficiency and improve system reliability within the 2nd High service area located in northwest and northeast sections north of Florida Ave and Rhode Island Ave and south of Missouri Ave.	FY2015	\$11,400,000	\$9,120,000	02/2013
4	Total score..... 55 1 Health..... 20 2 Regulatory..... 25 3 Reliability, safety, environment.. 10	<u>2MG 4th High Storage Tank</u> DC Water Job No. MQ01 - this project includes the siting and feasibility study, design and construction for the future construction of a 2.0 million gallon storage tank to supply the 4th High Service Area on the west side of Rock Creek Park. This area does not have any usable storage and all water supply comes from the Fort Reno Pumping Station. The objective of the storage tank is to provide a source of supply should there be a failure of the pumping station, and provide storage capacity to improve the reliability of the water supply to this portion of the 4th High Service Area.	FY2017	\$5,480,000	\$4,384,000	05/2016

5	Total score..... 1 Health..... 2 Regulatory..... 3 Reliability, safety, environment..	55 20 25 10	<u>Impermeable Roof Covers for Reservoirs</u> DC Water Job No. FA05 - Brentwood, Fort Stanton No. 2 and Soldiers' Home Reservoirs	FY2017	\$7,600,000	\$6,080,000	02/2017
6	Total score..... 1 Health..... 2 Regulatory..... 3 Reliability, safety, environment..	33 20 0 13	<u>Large Valve Replacements - Contract 10</u> DC Water Job No. BZ03 Replacement of large diameter (i.e. >16 inches) distribution system valves at various locations in the city.	FY2013	\$3,860,000	\$3,088,000	07/2012
7	Total score..... 1 Health..... 2 Regulatory..... 3 Reliability, safety, environment..	33 20 0 13	<u>Large Valve Replacements - Contract 11</u> DC Water Job No. I801 Replacement of large diameter (i.e. >16 inches) distribution system valves at various locations in the city.	FY2014	\$3,150,000	\$2,520,000	03/2013
8	Total score..... 1 Health..... 2 Regulatory..... 3 Reliability, safety, environment..	33 20 0 13	<u>Large Valve Replacements - Contract 12</u> DC Water Job No. I802 Replacement of large diameter (i.e. >16 inches) distribution system valves at various locations in the city.	FY2015	\$3,915,000	\$3,132,000	03/2014
9	Total score..... 1 Health..... 2 Regulatory..... 3 Reliability, safety, environment..	33 20 0 13	<u>Large Valve Replacements - Contract 13</u> DC Water Job No. I803 Replacement of large diameter (i.e. >16 inches) distribution system valves at various locations in the city.	FY2016	\$3,345,000	\$2,676,000	03/2015

10	Total score..... 1 Health..... 2 Regulatory..... 3 Reliability, safety, environment..	33 20 0 13	<u>Large Valve Replacements - Contract 14</u> DC Water Job No. IA01 Replacement of large diameter (i.e. >16 inches) distribution system valves at various locations in the city.	FY2017	\$3,460,000	\$2,768,000	03/2016
11	Total score..... 1 Health..... 2 Regulatory..... 3 Reliability, safety, environment..	33 20 0 13	<u>Large Valve Replacements - Contract 15</u> DC Water Job No. IA02 Replacement of large diameter (i.e. >16 inches) distribution system valves at various locations in the city.	FY2018	\$3,550,000	\$2,840,000	03/2017
12	Total score..... 1 Health..... 2 Regulatory..... 3 Reliability, safety, environment..	33 20 0 13	<u>Large Valve Replacements - Contract 16</u> DC Water Job No. IA03 Replacement of large diameter (i.e. >16 inches) distribution system valves at various locations in the city.	FY2019	\$3,650,000	\$2,920,000	03/2018
13	Total score..... 1 Health..... 2 Regulatory..... 3 Reliability, safety, environment..	33 20 0 13	<u>Large Valve Replacements - Contract 17</u> DC Water Job No. IB01 Replacement of large diameter (i.e. >16 inches) distribution system valves at various locations in the city.	FY2020	\$3,770,000	\$3,016,000	03/2019
14	Total score..... 1 Health..... 2 Regulatory..... 3 Reliability, safety, environment..	33 20 0 13	<u>Large Valve Replacements - Contract 18</u> DC Water Job No. IB02 Replacement of large diameter (i.e. >16 inches) distribution system valves at various locations in the city.	FY2021	\$3,860,000	\$3,088,000	03/2020

15	Total score..... 1 Health..... 2 Regulatory..... 3 Reliability, safety, environment..	33 20 0 13	<u>Large Valve Replacements - Contract 19</u> DC Water Job No. IB03 Replacement of large diameter (i.e. >16 inches) distribution system valves at various locations in the city.	FY2022	\$4,000,000	\$3,200,000	03/2021
16	Total score..... 1 Health..... 2 Regulatory..... 3 Reliability, safety, environment..	33 20 0 13	<u>St. Elizabeth Tank</u> DC Water Job No. MA01 Construction of a new elevated water tank to serve the new Anacostia 2nd High Service Area. St Elizabeth's Hospital Campus, SE.	FY2013	\$13,300,000	\$10,640,000	04/2012
17	Total score..... 1 Health..... 2 Regulatory..... 3 Reliability, safety, environment..	32 20 0 12	<u>Large Diameter Water Main Internal Repairs 3</u> DC Water Job No. S503 Internal repairs of large diameter (>12 inches diameter) water mains at various locations in the city.	FY2013	\$3,160,000	\$2,528,000	05/2012
18	Total score..... 1 Health..... 2 Regulatory..... 3 Reliability, safety, environment..	32 20 0 12	<u>Steel Water Mains Rehabilitation Phase IB</u> DC Water Job No. F602 Mitigation of degradation via corrosion through rehabilitation of the pipe(s) and/or installation of cathodic protection at various locations in the city.	FY2013	\$2,530,000	\$2,024,000	01/2013

19	Total score..... 1 Health..... 2 Regulatory..... 3 Reliability, safety, environment..	32 20 0 12	<u>Steel Water Mains Rehabilitation Phase II</u> DC Water Job No. FT01 Mitigation of degradation via corrosion through rehabilitation of the pipe(s) and/or installation of cathodic protection at various locations in the city.	FY2018	\$29,160,000	\$23,328,000	02/2018
20	Total score..... 1 Health..... 2 Regulatory..... 3 Reliability, safety, environment..	30 20 0 10	<u>20" Low Service Water Main Extension & Pressure Reducing Valve</u> DC Water Job No FE01 - From 17th & C Sts NE to Potomac Ave, G St & Kentucky Ave SE	FY2013	\$3,570,000	\$2,856,000	01/2013
21	Total score..... 1 Health..... 2 Regulatory..... 3 Reliability, safety, environment..	30 20 0 10	<u>30" Water Main Replacement Canal Rd & M St NW</u> DC Water Job No. C901 - Canal Rd. & M St. NW.	FY2016	\$15,210,000	\$12,168,000	10/2015
22	Total score..... 1 Health..... 2 Regulatory..... 3 Reliability, safety, environment..	30 20 0 10	<u>Large Diameter Water Main Replacement II</u> DC Water Job No. GX - this project is to replace or rehabilitate large diameter (16-inch and larger) water mains at various locations in the city. The objective of this project is to rehabilitate large diameter mains when the pipe is in sound condition or to replace it if the condition warrants.	FY2019	\$15,000,000	\$12,000,000	03/2019

23	<p>Total score..... 30</p> <p>1 Health..... 20</p> <p>2 Regulatory..... 0</p> <p>3 Reliability, safety, environment.. 10</p> <p>.....</p>	<p><u>Small diameter water main rehabilitation 9</u></p> <p>DC Water Job No. O101 - this project is for the rehabilitation of small diameter (12-inch and smaller) water pipes at various locations in the city.</p>	FY2013	\$16,040,000	\$12,832,000	03/2013
24	<p>Total score..... 30</p> <p>1 Health..... 20</p> <p>2 Regulatory..... 0</p> <p>3 Reliability, safety, environment.. 10</p> <p>.....</p>	<p><u>Small diameter water main rehabilitation 10</u></p> <p>DC Water Job No. O201 - this project is for the rehabilitation of small diameter (12-inch and smaller) water pipes at various locations in the city.</p>	FY2014	\$21,610,000	\$17,288,000	03/2014
25	<p>Total score..... 30</p> <p>1 Health..... 20</p> <p>2 Regulatory..... 0</p> <p>3 Reliability, safety, environment.. 10</p> <p>.....</p>	<p><u>Small diameter water main rehabilitation 11</u></p> <p>DC Water Job No. O301 - this annual project is for the rehabilitation of small diameter (12-inch and smaller) water pipe. The objective is to replace pipe when the condition warrants replacement, or to clean and line unlined cast iron pipe provided the pipe is in serviceable condition at various locations in the city.</p>	FY2015	\$23,720,000	\$18,976,000	03/2015
26	<p>Total score..... 30</p> <p>1 Health..... 20</p> <p>2 Regulatory..... 0</p> <p>3 Reliability, safety, environment.. 10</p> <p>.....</p>	<p><u>Small diameter water main rehabilitation 12</u></p> <p>DC Water Job No. DE01 - this annual project is for the rehabilitation of small diameter (12-inch and smaller) water pipe at various locations in the city. The objective is to replace pipe when the condition warrants replacement, or to clean and line unlined cast iron pipe provided the pipe is in serviceable condition.</p>	FY2016	\$19,810,000	\$15,848,000	03/2016

27	Total score..... 30 1 Health..... 20 2 Regulatory..... 0 3 Reliability, safety, environment.. 10	<u>Small diameter water main rehabilitation 13</u> DC Water Job No. F101 - this annual project is for the rehabilitation of small diameter (12-inch and smaller) water pipe at various locations in the city.	FY2017	\$24,740,000	\$19,792,000	03/2017
28	Total score..... 30 1 Health..... 20 2 Regulatory..... 0 3 Reliability, safety, environment.. 10	<u>Small diameter water main rehabilitation 14</u> DC Water Job No. F201 - this annual project is for the rehabilitation of small diameter (12-inch and smaller) water pipe at various locations in the city	FY2018	\$25,210,000	\$20,168,000	03/2018
29	Total score..... 30 1 Health..... 20 2 Regulatory..... 0 3 Reliability, safety, environment.. 10	<u>Small diameter water main rehabilitation 15</u> DC Water Job No. GR01 - this annual project is for the rehabilitation of small diameter (12-inch and smaller) water pipe at various locations in the city.	FY2019	\$24,310,000	\$19,448,000	03/2019