

Statistical Section (Unaudited)

## **Statistical Section (Unaudited)**

This section contains statistical tables that reflect financial trends information, revenue capacity information, debt capacity information, demographic and economic information, and operating information. These tables differ from the basic financial statements because they usually cover more than two fiscal years and may present non-accounting data.

The statistical section is divided into five sections as follows:

- Financial Trends
- Revenue Capacity
- Debt Capacity
- Demographic and Economic Information
- Operating Information

1. Financial Trends
These schedules contain trend information to better understand how the Authority financial performance and well-being have changed over time.

#### EXHIBIT 1 CHANGE IN NET POSITION LAST TEN FISCAL YEARS (\$000)

Persisting revenues		2015	2014	2013	2012	2011	2010	2009	2008	2007	2006
Federal government   54,274   39,001   45,187   48,381   43,033   37,845   35,195   35,888   30,751   31,100     District government and DC Housing Authority   32,948   28,852   21,677   24,713   25,123   21,947   16,804   16,193   17,266   16,468     Charges for wholesale w astewater treatment   112,522   96,845   81,718   94,459   90,414   87,505   85,519   82,846   73,373   67,966     Chier   14,460   13,917   9,700   16,077   8,210   6,655   3,337   3,846   2,735   3,845     Total Operating Revenues   549,915   473,824   439,079   440,566   408,255   363,748   332,398   322,334   306,457   293,533     Cherating expenses   115,233   108,467   103,908   97,784   93,240   88,210   82,248   75,838   70,956   66,945     Cherricals services   115,233   108,467   103,908   97,784   93,240   88,210   82,248   75,838   70,956   66,945     Cherricals services   66,241   68,172   68,417   64,939   71,055   69,497   64,513   58,730   56,568   54,188     Cherricals, supplies and small equipment   32,935   31,748   28,897   28,815   29,893   29,903   29,929   32,813   37,843   32,233   31,151     Dillites and rent   30,848   29,399   26,098   26,786   29,429   29,929   32,813   37,843   32,233   31,151     Depreciation and amortization   38,857   77,833   77,330   77,342   70,209   64,425   59,291   54,418   49,355   44,149     Water purchases   29,109   28,407   27,223   28,389   27,170   27,587   25,371   25,766   24,042   22,745     Payment in lieu of taxes and right of way fee   20,437   11,458   21,982   21,982   21,982   20,474   19,183   17,525   17,514   16,923     Total operating expenses   171,255   117,800   85,134   97,529   66,982   34,623   19,905   23,418   31,274   33,953     Depreciating revenue (expenses)   (60,093)   (68,281)   (63,905)   (74,001)   (73,335)   (74,79)   (53,197)   (44,338)   (33,667)   (20,654)     Total non-operating revenue (expenses)   (60,093)   (68,311)   (62,761)   (73,252)   (71,209)   (56,136)   (51,493)   (32,894)   (17,443)   (7,574)     Change in net position before capita	Operating revenues										
District government and DC Housing Authority   32,948   28,852   21,677   24,713   25,123   21,947   16,804   16,193   17,266   16,463   17,367   17,367   17,378	Residential, commercial and multi-family customers	\$ 335,711	\$ 295,209	\$ 275,337	\$ 256,846	\$ 241,475	\$ 209,796	\$ 191,543	\$ 183,553	\$182,327	\$174,159
Charges for w holesale w astew alter treatment         112,522         96,845         87,178         94,549         90,414         87,505         85,519         82,854         73,378         67,966           Other         14,460         13,917         9,700         16,077         8,210         6,655         3,337         3,846         2,735         3,845           Total Operating Revenues         549,915         473,824         439,079         440,566         408,255         363,748         332,388         322,334         306,457         233,533           Operating expenses         115,233         108,467         103,908         97,784         93,240         88,210         82,248         75,838         70,956         66,941           Contractual services         66,241         68,172         68,417         64,939         71,055         69,497         64,513         58,730         56,668         54,188           Chemicals, supplies and small equipment         32,935         31,748         28,987         28,155         28,188         29,003         29,074         28,816         24,510         23,482           Utilities and rent         30,848         29,939         26,088         29,429         29,293         23,813         37,643 <t< td=""><td>Federal government</td><td>54,274</td><td>39,001</td><td>45,187</td><td>48,381</td><td>43,033</td><td>37,845</td><td>35,195</td><td>35,888</td><td>30,751</td><td>31,100</td></t<>	Federal government	54,274	39,001	45,187	48,381	43,033	37,845	35,195	35,888	30,751	31,100
Other         14.460         13.917         9,700         16,077         8,210         6,655         3,337         3,846         2,735         3,835         23,935         30,045         293,533         30,045         293,533         30,0457         293,533         30,0457         293,533         30,0457         293,533         30,0457         293,533         20,045         293,533         30,0457         293,533         30,0457         293,533         30,0457         293,533         30,0457         293,533         30,0457         293,533         30,0457         293,533         30,0457         293,533         30,0457         293,533         30,0457         293,533         30,0457         293,533         40,0457         40,0458         20,0458         20,0478         82,105         82,248         75,835         70,956         64,943         64,513         82,105         64,947         64,935         71,055         69,497         64,513         58,730         70,956         64,942         20,003         29,074         28,168         23,08         20,003         29,074         28,168         29,109         29,209         32,813         37,83         37,153         77,333         74,324         70,209         64,425         59,291         54,148         49,355	District government and DC Housing Authority	32,948	28,852	21,677	24,713	25,123	21,947	16,804	16,193	17,266	16,463
Coperating expenses	Charges for w holesale w astew ater treatment	112,522	96,845	87,178	94,549	90,414	87,505	85,519	82,854	73,378	67,966
Operating expenses         Personnel services         115,233         108,467         103,908         97,784         93,240         88,210         82,248         75,838         70,956         66,942           Contractual services         66,241         68,172         68,417         64,939         71,055         69,497         64,513         58,730         56,568         54,188           Chemicals, supplies and small equipment         32,935         31,748         28,887         28,815         28,188         29,003         29,074         28,816         24,510         23,482           Utilities and rent         30,848         29,939         26,098         26,766         29,429         29,929         32,813         37,843         32,238         31,151           Depreciation and amortization         83,857         77,7833         77,303         74,424         70,209         64,425         59,291         54,148         49,355         44,149           Water purchases         29,109         28,407         27,232         21,982         21,982         20,474         19,183         17,552         17,514         16,923           Total operating expenses         378,660         356,024         353,945         343,037         341,273         329,125	Other	14,460	13,917	9,700	16,077	8,210	6,655	3,337	3,846	2,735	3,845
Personnel services         115,233         108,467         103,908         97,784         93,240         88,210         82,248         75,838         70,956         66,942           Contractual services         66,241         68,172         68,417         64,939         71,055         69,497         64,513         58,730         56,568         54,188           Chemicals, supplies and small equipment         32,935         31,748         28,815         28,185         29,029         32,813         37,843         32,338         31,151           Depreciation and armortization         83,857         77,833         77,330         74,342         70,209         64,425         59,291         54,418         49,355         44,149           Water purchases         29,109         28,407         27,223         28,389         27,170         27,587         25,371         25,746         24,042         22,745           Payment in lieu of taxes and right of way fee         20,437         11,458         21,982         21,982         21,982         20,474         19,183         17,525         17,514         16,923           Total operating expenses         378,660         356,024         353,945         343,037         341,273         329,125         312,493 <t< td=""><td>Total Operating Revenues</td><td>549,915</td><td>473,824</td><td>439,079</td><td>440,566</td><td>408,255</td><td>363,748</td><td>332,398</td><td>322,334</td><td>306,457</td><td>293,533</td></t<>	Total Operating Revenues	549,915	473,824	439,079	440,566	408,255	363,748	332,398	322,334	306,457	293,533
Contractual services         66,241         68,172         68,417         64,939         71,055         69,497         64,513         58,730         56,568         54,188           Chemicals, supplies and small equipment         32,935         31,748         28,987         28,815         28,188         29,003         29,074         28,816         24,510         23,482           Utilities and rent         30,848         29,939         26,098         26,786         29,429         29,929         32,813         37,843         32,238         31,151           Depreciation and amortization         83,857         77,833         77,330         74,342         70,209         64,425         59,291         54,418         49,355         44,149           Water purchases         29,109         28,407         27,223         28,389         27,170         27,587         25,371         25,746         24,042         22,745           Payment in lieu of taxes and right of way fee         20,437         11,458         21,982         21,982         20,474         19,183         17,525         17,514         16,923           Total operating expenses         378,660         356,024         353,945         343,037         341,273         329,125         312,493         29	Operating expenses										
Chemicals, supplies and small equipment         32,935         31,748         28,987         28,815         28,188         29,003         29,074         28,816         24,510         23,482           Utilities and rent         30,848         29,939         26,098         26,786         29,429         29,929         32,813         37,843         32,238         31,151           Depreciation and amortization         83,857         77,833         77,330         74,342         70,209         64,425         59,291         54,418         49,355         44,149           Water purchases         29,109         28,407         27,223         28,389         27,170         27,587         25,371         25,746         24,042         22,745           Payment in lieu of taxes and right of way fee         20,437         11,458         21,982         21,982         21,982         20,474         19,183         17,525         17,514         16,923           Total operating expenses         378,660         356,024         353,945         343,037         341,273         329,125         312,493         298,916         275,183         259,580           Operating income         1,316         977         1,144         749         2,036         1,343         1,704	Personnel services	115,233	108,467	103,908	97,784	93,240	88,210	82,248	75,838	70,956	66,942
Utilities and rent         30,848         29,939         26,098         26,786         29,429         29,929         32,813         37,843         32,238         31,151           Depreciation and amortization         83,857         77,833         77,330         74,342         70,209         64,425         59,291         54,418         49,355         44,149           Water purchases         29,109         28,407         27,223         28,389         27,170         27,587         25,371         25,746         24,042         22,745           Payment in lieu of taxes and right of way fee         20,437         11,488         21,982         21,982         21,982         20,474         19,183         17,525         17,514         16,923           Total operating expenses         378,660         356,024         353,945         343,037         341,273         329,125         312,493         298,916         275,183         259,580           Non-operating income         1,316         977         1,144         749         2,036         1,343         1,704         11,444         16,224         13,080           Interest income         1,316         977         1,144         749         2,036         1,343         1,704         11,444         <	Contractual services	66,241	68,172	68,417	64,939	71,055	69,497	64,513	58,730	56,568	54,188
Depreciation and amortization 83,857 77,833 77,330 74,342 70,209 64,425 59,291 54,418 49,355 44,149 Water purchases 29,109 28,407 27,223 28,389 27,170 27,587 25,371 25,746 24,042 22,745 29,775 29,775 25,77	Chemicals, supplies and small equipment	32,935	31,748	28,987	28,815	28,188	29,003	29,074	28,816	24,510	23,482
Water purchases         29,109         28,407         27,223         28,389         27,170         27,587         25,371         25,746         24,042         22,745           Payment in lieu of taxes and right of way fee         20,437         11,458         21,982         21,982         20,474         19,183         17,525         17,514         16,923           Total operating expenses         378,660         356,024         353,945         343,037         341,273         329,125         312,493         298,916         275,183         259,580           Operating income         171,255         117,800         85,134         97,529         66,982         34,623         19,905         23,418         31,274         33,953           Non-operating revenue (expenses)           Interest income         1,316         977         1,144         749         2,036         1,343         1,704         11,444         16,224         13,080           Interest expense and fiscal charges         (61,409)         (69,288)         (63,905)         (74,001)         (73,335)         (57,479)         (53,197)         (44,338)         (33,667)         (20,654)           Total non-operating revenue (expenses)         (60,093)         (68,311)         (62,761)	Utilities and rent	30,848	29,939	26,098	26,786	29,429	29,929	32,813	37,843	32,238	31,151
Payment in lieu of taxes and right of way fee         20,437         11,458         21,982         21,982         21,982         20,474         19,183         17,525         17,514         16,923           Total operating expenses         378,660         356,024         353,945         343,037         341,273         329,125         312,493         298,916         275,183         259,580           Operating income         171,255         117,800         85,134         97,529         66,982         34,623         19,905         23,418         31,274         33,953           Non-operating revenue (expenses)           Interest income         1,316         977         1,144         749         2,036         1,343         1,704         11,444         16,224         13,080           Interest expense and fiscal charges         (61,409)         (69,288)         (63,905)         (74,001)         (73,335)         (57,479)         (53,197)         (44,338)         (33,667)         (20,654)           Total non-operating revenue (expenses)         (60,093)         (68,311)         (62,761)         (73,252)         (71,299)         (56,136)         (51,493)         (32,894)         (17,443)         (7,574)           Change in net position before capital contributions <td>Depreciation and amortization</td> <td>83,857</td> <td>77,833</td> <td>77,330</td> <td>74,342</td> <td>70,209</td> <td>64,425</td> <td>59,291</td> <td>54,418</td> <td>49,355</td> <td>44,149</td>	Depreciation and amortization	83,857	77,833	77,330	74,342	70,209	64,425	59,291	54,418	49,355	44,149
Total operating expenses 378,660 356,024 353,945 343,037 341,273 329,125 312,493 298,916 275,183 259,580  Operating income 171,255 117,800 85,134 97,529 66,982 34,623 19,905 23,418 31,274 33,953  Non-operating revenue (expenses)  Interest income 1,316 977 1,144 749 2,036 1,343 1,704 11,444 16,224 13,080 Interest expense and fiscal charges (61,409) (69,288) (63,905) (74,001) (73,335) (57,479) (53,197) (44,338) (33,667) (20,654)  Total non-operating revenue (expenses) (60,093) (68,311) (62,761) (73,252) (71,299) (56,136) (51,493) (32,894) (17,443) (7,574)  Change in net position before capital contributions 111,162 49,489 22,373 24,277 (4,317) (21,513) (31,588) (9,476) 13,831 26,379  Capital contributions 67,965 94,690 58,310 58,957 47,374 30,403 27,752 42,208 25,083 24,927  Change in net position before capital contributions 179,127 144,179 80,683 83,234 43,057 8,890 (3,836) 32,732 38,914 51,306  Net position, beginning of year 1,350,815 1,206,636 1,125,953 1,042,719 999,662 990,772 994,608 961,876 922,962 871,656	Water purchases	29,109	28,407	27,223	28,389	27,170	27,587	25,371	25,746	24,042	22,745
Operating income         171,255         117,800         85,134         97,529         66,982         34,623         19,905         23,418         31,274         33,953           Non-operating revenue (expenses)           Interest income         1,316         977         1,144         749         2,036         1,343         1,704         11,444         16,224         13,080           Interest expense and fiscal charges         (61,409)         (69,288)         (63,905)         (74,001)         (73,335)         (57,479)         (53,197)         (44,338)         (33,667)         (20,654)           Total non-operating revenue (expenses)         (60,093)         (68,311)         (62,761)         (73,252)         (71,299)         (56,136)         (51,493)         (32,894)         (17,443)         (7,574)           Change in net position before capital contributions         111,162         49,489         22,373         24,277         (4,317)         (21,513)         (31,588)         (9,476)         13,831         26,379           Capital contributions         67,965         94,690         58,310         58,957         47,374         30,403         27,752         42,208         25,083         24,927           Change in net position         179,127         144,179	Payment in lieu of taxes and right of way fee	20,437	11,458	21,982	21,982	21,982	20,474	19,183	17,525	17,514	16,923
Non-operating revenue (expenses) Interest income 1,316 977 1,144 749 2,036 1,343 1,704 11,444 16,224 13,080 Interest expense and fiscal charges (61,409) (69,288) (63,905) (74,001) (73,335) (57,479) (53,197) (44,338) (33,667) (20,654) Total non-operating revenue (expenses) (60,093) (68,311) (62,761) (73,252) (71,299) (56,136) (51,493) (32,894) (17,443) (7,574)  Change in net position before capital contributions 111,162 49,489 22,373 24,277 (4,317) (21,513) (31,588) (9,476) 13,831 26,379 Capital contributions 67,965 94,690 58,310 58,957 47,374 30,403 27,752 42,208 25,083 24,927 Change in net position beginning of year 1,350,815 1,206,636 1,125,953 1,042,719 999,662 990,772 994,608 961,876 922,962 871,656	Total operating expenses	378,660	356,024	353,945	343,037	341,273	329,125	312,493	298,916	275,183	259,580
Interest income         1,316         977         1,144         749         2,036         1,343         1,704         11,444         16,224         13,080           Interest expense and fiscal charges         (61,409)         (69,288)         (63,905)         (74,001)         (73,335)         (57,479)         (53,197)         (44,338)         (33,667)         (20,654)           Total non-operating revenue (expenses)         (60,093)         (68,311)         (62,761)         (73,252)         (71,299)         (56,136)         (51,493)         (32,894)         (17,443)         (7,574)           Change in net position before capital contributions         111,162         49,489         22,373         24,277         (4,317)         (21,513)         (31,588)         (9,476)         13,831         26,379           Capital contributions         67,965         94,690         58,310         58,957         47,374         30,403         27,752         42,208         25,083         24,927           Change in net position         179,127         144,179         80,683         83,234         43,057         8,890         (3,836)         32,732         38,914         51,306           Net position, beginning of year         1,350,815         1,206,636         1,125,953         1,042,719 <td>Operating income</td> <td>171,255</td> <td>117,800</td> <td>85,134</td> <td>97,529</td> <td>66,982</td> <td>34,623</td> <td>19,905</td> <td>23,418</td> <td>31,274</td> <td>33,953</td>	Operating income	171,255	117,800	85,134	97,529	66,982	34,623	19,905	23,418	31,274	33,953
Interest expense and fiscal charges (61,409) (69,288) (63,905) (74,001) (73,335) (57,479) (53,197) (44,338) (33,667) (20,654) (70,001) (70	Non-operating revenue (expenses)										
Total non-operating revenue (expenses)         (60,093)         (68,311)         (62,761)         (73,252)         (71,299)         (56,136)         (51,493)         (32,894)         (17,443)         (7,574)           Change in net position before capital contributions         111,162         49,489         22,373         24,277         (4,317)         (21,513)         (31,588)         (9,476)         13,831         26,379           Capital contributions         67,965         94,690         58,310         58,957         47,374         30,403         27,752         42,208         25,083         24,927           Change in net position         179,127         144,179         80,683         83,234         43,057         8,890         (3,836)         32,732         38,914         51,306           Net position, beginning of year         1,350,815         1,206,636         1,125,953         1,042,719         999,662         990,772         994,608         961,876         922,962         871,656	Interest income	1,316	977	1,144	749	2,036	1,343	1,704	11,444	16,224	13,080
Change in net position before capital contributions         111,162         49,489         22,373         24,277         (4,317)         (21,513)         (31,588)         (9,476)         13,831         26,379           Capital contributions         67,965         94,690         58,310         58,957         47,374         30,403         27,752         42,208         25,083         24,927           Change in net position         179,127         144,179         80,683         83,234         43,057         8,890         (3,836)         32,732         38,914         51,306           Net position, beginning of year         1,350,815         1,206,636         1,125,953         1,042,719         999,662         990,772         994,608         961,876         922,962         871,656	Interest expense and fiscal charges	(61,409)	(69,288)	(63,905)	(74,001)	(73,335)	(57,479)	(53,197)	(44,338)	(33,667)	(20,654)
Capital contributions         67,965         94,690         58,310         58,957         47,374         30,403         27,752         42,208         25,083         24,927           Change in net position         179,127         144,179         80,683         83,234         43,057         8,890         (3,836)         32,732         38,914         51,306           Net position, beginning of year         1,350,815         1,206,636         1,125,953         1,042,719         999,662         990,772         994,608         961,876         922,962         871,656	Total non-operating revenue (expenses)	(60,093)	(68,311)	(62,761)	(73,252)	(71,299)	(56,136)	(51,493)	(32,894)	(17,443)	(7,574)
Capital contributions         67,965         94,690         58,310         58,957         47,374         30,403         27,752         42,208         25,083         24,927           Change in net position         179,127         144,179         80,683         83,234         43,057         8,890         (3,836)         32,732         38,914         51,306           Net position, beginning of year         1,350,815         1,206,636         1,125,953         1,042,719         999,662         990,772         994,608         961,876         922,962         871,656	Change in net position before capital contributions	111,162	49,489	22,373	24,277	(4,317)	(21,513)	(31,588)	(9,476)	13,831	26,379
Change in net position         179,127         144,179         80,683         83,234         43,057         8,890         (3,836)         32,732         38,914         51,306           Net position, beginning of year         1,350,815         1,206,636         1,125,953         1,042,719         999,662         990,772         994,608         961,876         922,962         871,656		67,965	94,690		58,957	,		, ,		25,083	
Net position, beginning of year 1,350,815 1,206,636 1,125,953 1,042,719 999,662 990,772 994,608 961,876 922,962 871,656	•	179,127						(3,836)			
Net position, end of year \$1,529,942 \$1,350,815 \$1,206,636 \$1,125,953 \$1,042,719 \$ 999,662 \$ 990,772 \$ 994,608 \$961,876 \$922,962	Net position, beginning of year	1,350,815	1,206,636	1,125,953	1,042,719	999,662	990,772	994,608	961,876	922,962	871,656
	Net position, end of year	\$1,529,942	\$1,350,815	\$1,206,636	\$1,125,953	\$1,042,719	\$ 999,662	\$ 990,772	\$ 994,608	\$961,876	\$922,962

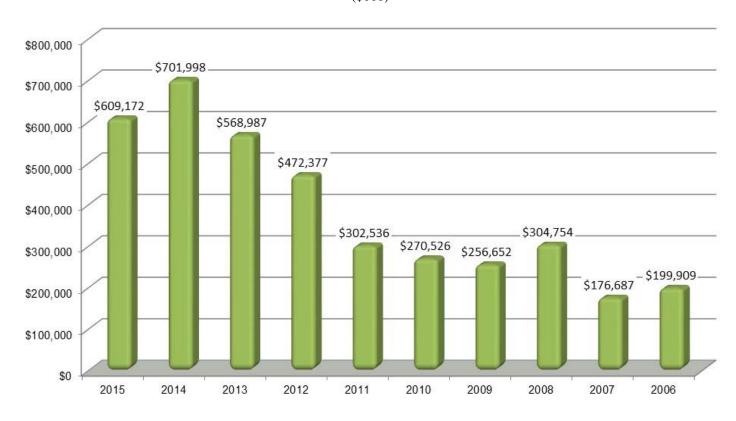
Source: FY 2006 - 2015 Statements of Revenues, Expenses and Changes in Net Position.

#### EXHIBIT 2 SUMMARY OF NET POSITION LAST TEN FISCAL YEARS (\$000)

	2015	2014	2013	2012		2011	2010	2009	2008	2007	2006
Net investments in capital assets	\$1,348,056	\$1,130,952	\$1,042,620	\$ 956,39	97	874,356	\$ 818,001	\$ 765,709	\$ 726,747	\$766,119	\$741,479
Restricted	27,054	28,863	29,010	27,29	97	26,825	17,257	10,244	8,297	6,267	1,323
Unrestricted	154,832	191,000	135,006	142,2	59	141,538	164,404	214,819	259,564	189,490	180,160
Total net postion	\$1,529,942	\$1,350,815	\$1,206,636	\$1,125,9	53	\$1,042,719	\$ 999,662	\$ 990,772	\$ 994,608	\$961,876	\$922,962

Source: FY 2006 - 2015 Statements of Net Position.

EXHIBIT 3
CAPITAL DISBURSEMENTS
LAST TEN FISCAL YEARS
(\$000)



Note: These disbursements include DC Water's share of Washington Aqueduct's capital disbursements.

Source: FY 2006 – 2015 Statements of Cash Flows.

2. Revenue Capacity
These schedules contain information regarding the Authority's most significant revenue sources.

# EXHIBIT 4 OPERATING REVENUES AND RATE INCREASES LAST TEN FISCAL YEARS (\$000)

	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006
Operating Revenues										
Retail Customers										
Residential, Commercial and Multifamily	\$335,711	\$295,209	\$275,337	\$256,846	\$241,475	\$209,796	\$191,543	\$183,553	\$182,327	\$174,159
Federal Government	54,274	39,001	45,187	48,381	43,033	37,845	35,195	35,888	30,751	31,100
DC Government	24,453	21,205	14,714	18,213	17,827	15,628	10,116	9,391	10,580	9,617
DC Housing Authority	8,495	7,647	6,963	6,500	7,296	6,319	6,688	6,802	6,686	6,846
Other Revenues	14,460	13,917	9,700	16,077	8,210	6,655	3,337	3,846	2,735	3,845
Total Retail Customers	437,393	376,979	351,901	346,017	317,841	276,243	246,879	239,480	233,079	225,567
Wholesale Customers	112,522	96,845	87,178	94,549	90,414	87,505	85,519	82,854	73,378	67,966
Total Operating Revenues	\$549,915	\$473,824	\$439,079	\$440,566	\$408,255	\$363,748	\$332,398	\$322,334	\$306,457	\$293,533
Retail Rate Increases	7.50%	5.50%	5.50%	4.50%	12.50%	9.00%	7.50%	5.50%	5.00%	5.50%

Source: FY 2006 - 2015 Statements of Revenues, Expenses and Changes in Net Position

# EXHIBIT 5 NUMBER AND TYPE OF CUSTOMER ACCOUNTS LAST TEN FISCAL YEARS

	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006
Retail Accounts										
Residential	105,735	104,965	104,477	103,887	103,857	103,315	103,665	103,674	103,263	102,655
Commercial (A)	18,947	19,433	19,343	19,242	19,165	19,049	19,060	18,528	18,513	18,489
Governmental										
Federal	550	542	542	538	549	546	540	533	531	526
District of Columbia	638	641	630	605	607	603	606	590	589	582
DC Housing Authority	1,446	1,452	1,460	1,435	1,431	1,431	1,220	1,218	1,175	1,173
Total Retail Accounts	127,316	127,033	126,452	125,707	125,609	124,944	125,091	124,543	124,071	123,425
DC Water	39	37	36	36	35	35	30	30	30	29
Washington Aqueduct	2	2	2	2	2	1	2	2	1	1
Wholesale	7	7	7	7	7	7	7	7	7	7
Total Number of Accounts	127,364	127,079	126,497	125,752	125,653	124,987	125,130	124,582	124,109	123,462

<sup>(</sup>A) Included in commercial are multi-family and exempt accounts

Source: D.C. Water Department of Customer Service

# EXHIBIT 6 TEN LARGEST COMMERCIAL CUSTOMERS LAST TEN FISCAL YEARS

	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006
Howard University	\$ 3,237,999	\$ 2,662,949	\$ 2,699,376	\$ 2,596,564	\$ 1,862,880	\$ 1,735,598	\$ 1,640,815	\$ 1,706,124	\$ 1,751,425	\$ 1,584,501
George Washington University	2,763,055	2,609,611	2,161,183	2,530,632	2,122,176	1,618,618	1,777,659	2,020,849	1,609,061	1,519,286
William C Smith & Co	2,076,534	2,277,833	1,782,719	1,787,150	1,709,334	1,505,145	-	-	-	-
Washington Hospital Center	1,830,586	1,671,855	1,693,655	933,027	1,270,788	1,113,672	823,743	514,275	606,120	782,404
Georgetown University	1,413,714	2,605,884	1,865,068	1,842,860	2,238,766	2,100,705	2,135,768	2,055,644	841,585	618,575
American University	1,078,412	1,125,050	1,253,038	869,211	-	694,565	1,524,262	773,109	689,676	678,900
Shoreham Hotel	1,035,982	-	-	-	-	-	656,182	458,828	-	430,412
Amtrak	1,028,989	984,336	1,004,177	937,430	903,475	761,235	963,925	795,825	-	-
Metropolitan Wash Airport	923,394	807,803	716,929	661,509	-	-	-	-	-	-
Georgetown University Hospital	720,247	955,353	1,053,659	1,643,380	1,371,035	-	-	-	1,070,099	723,604
The Barac Company	-	-	-	-	927,022	776,134	-	-	-	-
Horning Brothers	-	1,347,287	1,258,995	1,163,586	1,122,879	993,115	-	-	-	-
Soldiers Home	-	-	-	-	897,121	804,533	818,641	948,708	-	-
Marriott Wardman Park Hotel	-	-	-	-	-	-	1,037,663	681,480	592,663	555,216
JW Marriott Hotel	-	-	-	-	-	-	556,985	-	-	-
Children's Hospital	-	-	-	-	-	-	-	841,774	676,570	-
Washington Hilton Hotel	-	-	-	-	-	-	-	792,227	756,085	716,612
L'Enfant Plaza Properties	-	-	-	-	-	-	-	-	533,726	611,283
Total	\$16,108,912	\$17,047,961	\$15,488,799	\$14,965,349	\$14,425,476	\$12,103,320	\$11,935,643	\$11,588,843	\$ 9,127,010	\$ 8,220,793
% of Total Operating Revenues	2.93%	3.60%	3.53%	3.40%	3.53%	3.33%	3.59%	3.60%	2.98%	2.80%

Source: DC Water Department of Customer Service

# EXHIBIT 7 TEN LARGEST GOVERNMENT CUSTOMERS LAST TEN FISCAL YEARS

	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006
D.C. Housing Authority	\$ 6,922,176	\$ 6,308,902	\$ 5,879,383	\$ 5,669,475	\$ 6,277,722	\$ 5,750,927	\$ 6,266,786	\$ 6,339,434	\$ 6,122,875	\$ 6,514,112
U.S. Congress	6,524,863	4,019,627	4,926,790	5,225,952	4,214,640	3,559,903	4,028,564	4,096,695	2,668,328	3,320,538
U.S. General Services Administration	6,425,889	7,598,077	7,184,034	7,443,691	6,877,787	6,575,977	6,773,195	8,199,985	7,324,115	7,916,072
Department Defense VA	4,020,624	3,275,936	3,275,936	3,527,613	2,873,310	2,759,264	2,136,653	2,425,139	1,998,095	1,737,849
Smithsonian Institution	3,219,324	2,810,786	3,038,455	2,681,705	3,997,326	2,564,033	3,605,478	4,325,576	3,196,837	3,443,695
Bolling Air Force Base	2,509,536	1,928,617	2,265,348	2,925,847	-	-	2,279,861	-	-	-
National Park Service	2,233,857	1,363,657	2,577,096	2,481,144	2,217,698	2,384,771	2,844,549	2,257,749	1,958,612	1,877,269
D.C. Board of Education	2,166,846	2,391,393	2,092,748	2,213,636	2,142,907	2,534,044	2,292,454	3,062,431	3,344,959	2,934,220
Federal Naval Research Lab	1,802,150	1,542,370	1,833,491	1,788,497	-	-	-	-	-	-
DC Recreation and Parks	1,702,488	1,216,398	-	-	-	-	-	-	-	-
Department of the Navy	-	-	1,521,264	1,886,750	3,832,568	2,851,611	3,504,547	3,011,883	2,835,280	2,699,653
D.C. Department of Human Services	-	-	-	-	3,272,747	2,047,213	-	1,914,251	1,741,170	1,636,053
Department of Defense DC	-	-	-	-	2,151,529	1,608,642	2,248,076	3,292,402	3,907,312	1,521,220
Total	\$37,527,753	\$32,455,763	\$34,594,545	\$35,844,310	\$37,858,234	\$32,636,385	\$35,980,163	\$38,925,545	\$35,097,583	\$33,600,681
% of Total Operating Revenues	6.82%	6.85%	7.88%	8.14%	9.27%	8.97%	10.82%	12.08%	11.45%	11.45%

Source: DC Water Department of Customer Service

# EXHIBIT 8 RETAIL WATER AND SEWER RATES LAST TEN FISCAL YEARS

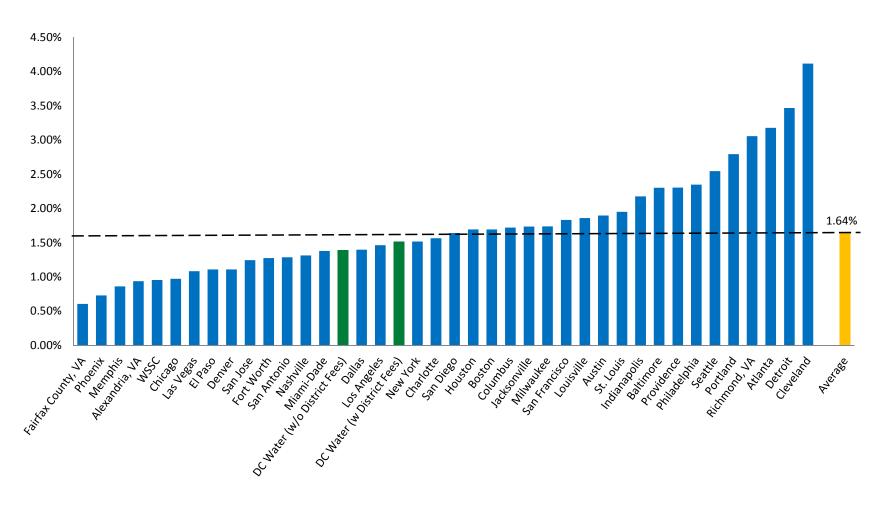
		(b)				(f)	
		DISTRICT	(c)	(d)	(e)	IMPERVIOUS	
	(a)	PUBLIC SPACE	WATER	SEWER	COMBINED	SURFACE	AVERAGE
FISCAL	METERING	OCCUPANCY	CONSUMPTION	CONSUMPTION	CONSUMPTION	AREA	MONTHLY
YEAR	FEE	FEE AND PILOT	RATE	RATE	RATE	CHARGE <sup>2</sup>	BILL <sup>1</sup>
2006	2.010	0.420	1.930	2.910	4.840	-	37.199
2007	2.010	0.440	2.030	3.060	5.090	-	39.006
2008	2.010	0.470	2.140	3.230	5.370	-	41.080
2009	2.010	0.520	2.300	3.310	5.610	1.240	44.260
2010	2.010	0.570	2.510	3.610	6.120	2.200	48.966
2011	3.860	0.630	3.100	3.790	6.890	3.450	57.619
2012	3.860	0.640	3.240	3.960	7.200	6.640	62.950
2013	3.860	0.660	3.420	4.180	7.600	9.570	68.689
2014	3.860	0.700	3.610	4.410	8.020	11.850	74.047
2015	3.860	0.630	3.880	4.740	8.620	16.750	82.493

<sup>&</sup>lt;sup>1</sup> Average residential customer consumption is 6.69 Ccf per month. The average monthly bill is calculated as follows (a)+(f)+(((b)+(e)) x 6.69 Ccf)

Source: D.C. Water Department of Finance & Budget

<sup>&</sup>lt;sup>2</sup> Per Equivalent Residential Unit (ERU).

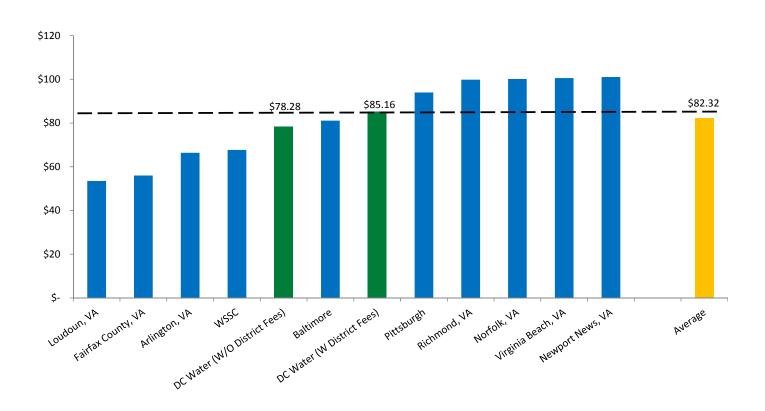
EXHIBIT 9
RESIDENTIAL WATER AND WASTEWATER BILL COMPARISONS
AS A PERCENTAGE OF MEDIAN HOUSEHOLD INCOME (1)



(1) This analysis is based on a single family residential monthly bill as a percentage of median household income for large national utilities based on rates in effect fall 2015.

Source: DC Water Department of Finance & Budget

EXHIBIT 10
RESIDENTIAL WATER AND WASTEWATER BILL COMPARISONS
TO LOCAL AND REGIONAL UTILITIES (1)



(1) This analysis represents single family residential average monthly bill based on rates in effect fall 2015.

Source: DC Water Department of Finance & Budget

3. Debt Capacity  These schedules present information showing the Authority's current levels of outstanding debt and the Authority's ability to issue additional debt in the future.		
These schedules present information showing the Authority's current levels of outstanding		
These schedules present information showing the Authority's current levels of outstanding		
These schedules present information showing the Authority's current levels of outstanding		
These schedules present information showing the Authority's current levels of outstanding		
These schedules present information showing the Authority's current levels of outstanding		
These schedules present information showing the Authority's current levels of outstanding		
	3. Debt C	Capacity

# EXHIBIT 11 OUTSTANDING DEBT AND DEBT RATIOS LAST TEN FISCAL YEARS (\$000, EXCEPT PER CAPITA)

	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006
Senior Debt:										
2014 Public Utility Revenue Bonds	\$ 350,000	\$ 350,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2009 Series A Public Utility Revenue Bonds	159,520	291,145	293,720	296,205	298,225	300,000	300,000	-	-	-
1998 Public Utility Revenue Bonds	183,660	196,050	207,735	218,815	229,315	239,270	248,705	257,645	266,120	266,120
Total Senior Debt	693,180	837,195	501,455	515,020	527,540	539,270	548,705	257,645	266,120	266,120
										_
Subordinate Debt:		======								
2014 Series B-1 Public Utility Revenue Bonds		50,000	-	-	-	=	-	-	-	-
2014 Series B-2 Public Utility Revenue Bonds		50,000	-	-	-	-	-	-	-	-
2014 Series C Public Utility Revenue Bonds	377,700	-	-	-	-	=	-	-	-	-
2013 Series A Public Utility Revenue Bonds	300,000	300,000	300,000	-	-	-	-	-	-	-
2012 Series A Public Utility Revenue Bonds	168,405	172,990	177,430	177,430	-	-	-	-	-	-
2012 Series B-1 Public Utility Revenue Bonds		52,690	52,690	52,690	-	-	-	-	-	-
2012 Series B-2 Public Utility Revenue Bonds	•	47,310	47,310	47,310	-	-	-	-	-	-
2012 Series C Public Utility Revenue Bonds	163,215	163,215	163,215	163,215	-	-	-	-	-	-
2010 Series A Public Utility Revenue Bonds	300,000	300,000	300,000	300,000	300,000	-	-	-	-	-
2008 Series A Public Utility Revenue Bonds	168,190	268,095	274,210	279,955	285,540	290,000	290,375	290,375	-	-
2007 Series A Public Utility Revenue Bonds	115,580	218,715	218,715	218,715	218,715	218,715	218,715	218,715	218,715	-
2007 Series B Public Utility Revenue Bonds	-	-	-	-	-	-	-	-	59,000	-
2004 Public Utility Revenue Bonds	-	-	-	-	-	-	-	-	295,000	295,000
2003 Public Utility Revenue Bonds	-	-	-	-	176,220	176,220	176,220	176,220	176,220	176,220
Notes Payable to the Federal										
Government for Bloomington Dam	13,217	13,580	13,932	14,273	14,603	14,922	15,232	15,532	15,823	16,104
DC General Obligation Bonds	-	-	-	-	245	1,490	5,180	9,905	15,060	22,299
Notes Payable to WSSC for Little Seneca	-	-	-	63	104	142	179	216	251	285
Total Subordinate Debt	1,753,617	1,636,595	1,547,502	1,253,651	995,427	701,489	705,901	710,963	780,069	509,908
Total Senior and Subordinate debt	2,446,797	2,473,790	2,048,957	1,768,671	1,522,967	1,240,759	1,254,606	968,608	1,046,189	776,028
Unamortized bond premiums	104,060	76,098	79,313	79,674	28,255	29,929	31,102	31,255	20,051	4,746
Unamortized bond discounts	(2,351)	(2,480)	(2,608)	(2,784)	(2,879)	(2,968)	(3,053)	(3,134)	(3,211)	(3,283)
Total Debt	\$2,548,506	\$2,547,408	\$2,125,662	\$1,845,561	\$1,548,343	\$1,267,720	\$1,282,655	\$ 996,729	\$1,063,029	\$ 777,491
•										
Debt - per capita	N/A	\$ 3,866	\$ 3,288	\$ 2,919	\$ 2,505	\$ 2,096	\$ 2,166	\$ 1,718	\$ 1,851	\$ 1,362
Debt - as percentage of personal income	N/A	5.54%	4.37%	3.90%	3.40%	2.94%	3.18%	2.43%	2.83%	2.24%

N/A: population and personal income not available

See exhibits 13 and 14 for per capita personal income and population data.

Total debt doesn't include outstanding debt associated with DC Water's short-term debt (commercial paper) program.

Source: D.C. Water Department of Finance & Budget

# EXHIBIT 12 CALCULATION OF DEBT SERVICE COVERAGE FY 2015 (\$000)

Prepared in accordance with the Authority's Master Trust Indenture, which corresponds closely to the cash basis of accounting.

Calculation of Debt Service Coverage:		
Cash Receipts (Revenues)	_	
Retail	\$	382,012
Wholesale		81,230
Other Non-Operating		75,354
Transfer from (Contributions to) Rate Stabilization Fund		(10,000)
Total Cash Receipts (A)		528,596
Cash Disbursements (Operating Expenses) (B)		273,486
Cash Receipts Less Cash Disbursements (C=A-B)	\$	255,110
Debt Service:		
Senior Debt Service (D)	\$	55,746
Subordinate Debt Service (E)		84,925
Total Outstanding and Projected Debt Service (F=D+E)	\$	140,671
Calculation of Net Cash Receipts Available for Senior Debt Service:		
Cash Receipts Less Cash Disbursements (C)	\$	255,110
Prior Year Federal Billing Reconciliation		(5,053)
(Refund to)/Payment from Wholesale Customers		(2,483)
Net Cash Receipts Available for Senior Debt Service (G)	\$	247,574
Senior Debt Service Coverage (G/D)		4.44
Calculation of Subordinate Debt Service Coverage:		
Net Cash Receipts Available for Senior Debt Service	\$	247,574
Less Senior Debt Service (D)		(55,746)
Net Cash Receipts Available for Subordinate Debt Service (G-D)	\$	191,828
Out anding to Dalit Coming Courses (40 DVF)		0.00
Subordinate Debt Service Coverage ((G-D)/E)		2.26
Combined Debt Service Coverage (G/F)		1.76

Source: D.C. Water Department of Finance & Budget

this page intentionally left blank

4. Demographic and Economic Information
These schedules offer demographic and economic data to help explain the environment within which the Authority's financial activities take place.

# EXHIBIT 13 POPULATION OF SERVICE AREA JURISDICTIONS LAST TEN CALENDAR YEARS

	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006
District of Columbia	N/A	658,893	646,449	632,323	617,996	604,912	592,228	580,236	574,404	570,681
Montgomery County	N/A	1,030,447	1,016,677	1,004,709	989,794	975,439	959,013	942,748	931,694	926,492
Prince George's County	N/A	904,430	890,081	881,138	871,233	865,219	856,161	850,167	849,916	852,097
Fairfax County	N/A	1,175,622	1,168,405	1,155,292	1,135,992	1,121,054	1,099,347	1,077,509	1,060,356	1,051,240
Loudoun County	N/A	363,050	349,679	336,898	325,405	315,305	303,661	292,570	279,704	267,194

N/A: Not Available

Source: U.S. Department of Commerce, Bureau of Economic Analysis

# EXHIBIT 14 PERSONAL INCOME OF SERVICE AREA JURISDICTIONS LAST TEN CALENDAR YEARS (\$000)

_	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006
District of Columbia	N/A	\$ 46,015,860	\$48,696,519	\$ 47,280,666	\$ 45,597,835	\$ 43,082,099	\$ 40,326,374	\$ 41,014,705	\$ 37,525,123	\$ 34,786,968
Montgomery County	N/A	75,720,017	73,958,785	73,551,167	69,050,166	65,904,393	62,962,957	65,845,731	62,643,745	60,372,289
Prince George's Count	N/A	40,215,913	38,595,921	38,481,250	35,036,640	33,888,631	33,156,357	33,026,742	31,753,583	30,306,871
Fairfax County	N/A	88,180,013	83,835,355	82,727,342	78,392,046	75,161,493	71,954,372	75,302,775	73,256,103	69,554,932
Loudoun County	N/A	24,463,869	20,886,046	20,107,077	18,626,729	16,971,112	15,340,608	15,147,096	13,875,373	12,394,528

N/A: Not Available

Source: U.S. Department of Commerce, Bureau of Economic Analysis

# EXHIBIT 15 PER CAPITA PERSONAL INCOME OF SERVICE AREA JURISDICTIONS LAST TEN CALENDAR YEARS

_	2015	2014		2013	2012	2011	2010	2009	2008	2007	2006
District of Columbia	N/A	\$ 69,83	3 \$	75,329	\$ 74,773	\$ 73,783	\$ 71,220	\$ 69,093	\$ 70,686	\$ 65,329	\$ 60,957
Montgomery County	N/A	73,48	3	72,746	73,206	69,762	67,564	65,654	69,844	67,236	65,162
Prince George's County	N/A	44,46	5	43,362	43,672	40,215	39,168	38,727	38,847	37,361	35,567
Fairfax County	N/A	75,00	7	71,752	71,607	69,008	67,045	65,452	69,886	69,086	66,165
Loudoun County	N/A	67,38	1	59,729	59,683	57,242	53,824	50,519	51,773	49,607	46,388

N/A: Not Available

Source: U.S. Department of Commerce, Bureau of Economic Analysis

#### EXHIBIT 16 UNEMPLOYMENT RATES LAST TEN CALENDAR YEARS

_	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006
District of Columbia	6.9%	7.0%	7.3%	8.2%	10.2%	10.1%	9.7%	6.6%	5.5%	5.7%
Montgomery County	4.0%	4.1%	4.5%	4.7%	5.2%	5.8%	5.6%	3.2%	2.6%	2.8%
Prince George's County	5.1%	5.5%	6.2%	6.5%	7.0%	7.7%	7.3%	4.4%	3.6%	4.1%
Fairfax County	3.3%	3.6%	3.7%	3.6%	4.3%	4.9%	4.9%	2.9%	2.2%	2.2%
Loudoun County	3.3%	3.6%	3.9%	3.7%	4.2%	4.8%	4.8%	2.8%	2.1%	2.1%

Source: U.S. Department of Labor, Bureau of Labor Statistics

### EXHIBIT 17 EMPLOYMENT BY SECTOR

	DISTRICT OF	MONTGOMERY	PRINCE GEORGE'S	FAIRFAX	LOUDOUN
	COLUMBIA	COUNTY	COUNTY	COUNTY	COUNTY
Agriculture, Forestry, Mining, etc.	0.07%	0.34%	0.09%	0.25%	0.98%
Construction	2.03%	5.87%	8.53%	4.71%	8.27%
Manufacturing	0.21%	1.91%	1.81%	0.85%	3.28%
Transportation & Public Utilities	1.11%	1.69%	4.06%	2.07%	5.78%
Wholesale & Retail Trade	3.53%	9.60%	13.39%	8.08%	12.01%
Finance, Insurance & Real Estate	6.00%	11.46%	7.13%	10.11%	8.61%
Services	57.71%	54.68%	42.91%	60.34%	48.83%
Government (Federal, State & Local)	27.57%	13.27%	20.33%	12.43%	11.68%
Military	1.73%	1.18%	1.74%	1.15%	0.57%
TOTAL	100.00%	100.00%	100.00%	100.00%	100.00%

Source: U.S. Department of Commerce, Bureau of Economic Analysis Latest available data is for 2014

5. Operating Information
These schedules contain information about the Authority's operations and resources to help the reader understand how the Authority's financial information relates to the activities it perform.

#### EXHIBIT 18 WATER DELIVERED (PUMPED) AND BILLED (SOLD) LAST TEN FISCAL YEARS

**TREATED** 

	IIILATED		
FISCAL	WATER	WATER	SOLD/PUMPED
YEAR	DELIVERED (MG)	BILLED (MG)	RATIO
2006	41,541	31,717	76.35%
2007	41,687	31,581	75.76%
2008	40,755	30,603	75.09%
2009	39,998	29,344	73.36%
2010	38,589	29,004	75.16%
2011	37,556	29,040	77.32%
2012	36,930	27,988	75.79%
2013	34,714	26,316	75.81%
2014	34,708	25,374	73.11%
2015	38,146	26,748	70.12%

Source: DC Water Department of Customer Service

### EXHIBIT 19 WATER DEMAND LAST TEN FISCAL YEARS

FISCAL YEAR	ANNUAL DELIVERIES TO SYSTEM (MG)	AVERAGE DAY (MG)	MAXIMUM MONTH AVERAGE (MGD)	MAXIMUM DAY (MGD)	TOTAL ANNUAL WATER SOLD (MG)	AVERAGE DAY (MGD)
2006	41,541	113.8	137.8	161.6	31,717	86.9
2007	41,687	114.2	133.7	156.5	31,581	86.5
2008	40,755	111.7	130.1	150.5	30,603	83.8
2009	39,998	109.6	123.2	150.4	29,344	80.4
2010	38,589	105.7	130.5	146.9	29,004	79.5
2011	37,556	102.9	121.6	143.7	29,040	79.6
2012	36,930	100.9	125.3	142.9	27,988	76.7
2013	34,714	95.1	111.3	129.7	26,316	72.1
2014	34,708	95.1	106.6	123.7	25,374	69.5
2015	38,146	104.5	117.7	148.4	26,748	73.3

Source: DC Water Department of Water Services and Washington Aqueduct

# EXHIBIT 20 MISCELLANEOUS STATISTICS ABOUT AUTHORITY OPERATIONS LAST TEN FISCAL YEARS

_	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006
Utilities and supplies per day at Blue Plains										
Electric power (kwh)	700,000	700,000	700,000	700,000	700,000	700,000	700,000	745,000	745,000	745,000
Natural gas (cf)	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000
Sodium hypochlorite (gallons)	10,051	6,850	6,850	6,850	6,850	6,850	6,850	6,850	6,850	6,850
Sodium bisulfite (pounds)	7,880	5,600	5,600	5,600	5,600	5,600	5,600	5,600	5,600	5,600
Water (gallons)	525,000	525,000	525,000	525,000	525,000	525,000	525,000	525,000	525,000	525,000
Lime (tons, pounds)	39,000	72,050	72,050	72,050	72,050	72,050	72,050	72,050	72,050	72,050
Sodium hydroxide (pounds)	14,766	26,100	26,100	26,100	26,100	26,100	26,100	26,100	26,100	26,100
Methanol (gallons)	19,428	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000
Ferric chloride (10% Iron) (gallons)	19,060	12,900	12,900	12,900	12,900	12,900	12,900	12,900	12,900	12,900
Wastewater treatment capacity										
Average day (mgd)	370	370	370	370	370	370	370	370	370	370
Peak 4 hour flow, through complete process (mgd)	511	740	740	740	740	740	740	740	740	740
Excess storm flow, primary treatment only (mgd)	336	336	336	336	336	336	336	336	336	336
Peak flow (mgd)	847	1,076	1,076	1,076	1,076	1,076	1,076	1,076	1,076	1,076
DC Water employees	1,164	1,079	1,080	1,051	1,032	1,004	1,000	961	948	920

Source: D.C. Water Department of Wastewater Treatment Operations

# EXHIBIT 20 MISCELLANEOUS STATISTICS ABOUT AUTHORITY OPERATIONS (CONTINUED)

## Wastewater Plant Permit Limitations September 30, 2010 through September 30, 2015

Parameter	Monthly	Weekly
Biochemical Oxygen Demand (carbonaceous)	5.0 mg/L (15,429 lbs./day)	7.5 mg/l (23.143 lbs./day)
Total Suspended Solids (TSS)	7.0 mg/l (21,600 lbs./day)	10.5 mg/l (32,400 lbs./day)
Ammonia Nitrogen: Summer $(5/1 - 10/31)$ Winter 1 $(1/1 - 2/14)$ Winter 2 $(2/15 - 4/30)$	4.2 mg/l (12,960 lbs./day) 11.1 mg/l (34,253 lbs./day) 12.8 mg/l (39,500 lbs./day)	6.1 mg/l (18,823 lbs./day) 14.8 mg/l (45,670 lbs./day) 17.0 mg/l (52,460 lbs./day)
Total Phosphorus (annual average)	0.18 mg/l (555 lbs./day)	0.35 mg/l (1080 lbs./day)
Dissolved Oxygen: Minimum daily average Not less than	5.0 mg/l 4.0 mg/l	
Ph: Minimum Maximum	6.0 units 8.5 units	
Total Chlorine	Non detectable	
E.coli	126 cu/100ml Geometric (30 day)	
Chesapeake Bay Voluntary Agreement Total Nitrogen (Annual Average)	8,467,200 lbs./yr.	
U.S. Environmental Protection Agency Total Nitrogen (Annual Average)	4,337,580 lbs./yr.	
Wastewater Plant Processes		
Primary Treatment		
Influent Pumping Capacity	1,300 MGD	
Number of bar screens	13	
Number of aerated grit chambers	16	
Total volume of aerated grit chambers	2.3 MG	
Number of primary clarifiers	36	
Average detention time (clarifiers)	2.5 hours	
Average hydraulic loading (clarifiers)	1,008 gallons/square foot/day	
Maximum hydraulic loading (clarifiers)	2,929 gallons/square foot/day	

# EXHIBIT 20 MISCELLANEOUS STATISTICS ABOUT AUTHORITY OPERATIONS (CONTINUED)

		1	
Secondary Treatment		Effluent dissolved oxygen	3.8 - 7.2  mg/L
Number of reactors	6	(Post – Aeration)	
Total reactor volume	27.7 MG	Dual Purpose sedimentation tanks	
Number of clarifiers	24		4 Secondary Treatments
Average reactor detention time	1.6 hours		4 Nitrification Treatments
Average clarifier hydraulic loading	763 gal/sq ft./day	Total Dual Purpose Surface Area	197,160 sq. ft.
Number of centrifugal blowers	6		
Total blower capacity	280,000 cu ft. /min	Filtration & Disinfection	
Average MLSS	2,200 mg/L	Number of filters	40
Average SRT	1.6 days	Total filter area	83,200 sq. ft.
Average SVI	80-100 ml/g	Average filtration rate	3.4 gal/ minute/ sq. ft.
Effluent dissolved oxygen	2-3 mg/L	Average filter run time	55 hours
Effluent alkalinity	140 mg/L as CaCO3	Depth of anthracite media	24 inches
Nitrification / Denitrification		Depth of sand media	12 inches
Number of Nitrification reactors	12	Depth of Gravel Support Layer	12 inches
Total reactor volume	55.2 MG	Number of chlorine contact tanks	4
Number of Denitrification reactors	8	Average contact time	42 minutes
Total reactor volume	36.7 MG		
Number of clarifiers	28		
Average reactor detention time	3.3 hours 755 gallons/square		
Average clarifier hydraulic loading	ft./day		
Average MLSS	2000 mg/L		
Average pH	7.0 units		
Average SRT	21 days		
Average SVI	80-110 ml/g		
Effluent alkalinity	110 mg/L as CaCO3		

### EXHIBIT 21 SCHEDULE OF INSURANCE AS OF SEPTEMBER 30, 2015

TYPE OF COVERAGE	COMPANY	POLICY PERIOD	COVERAGE LIMITS
Blanket Property and Boiler & Machinery	Alliant Public Entity Property Insurance Program (PEPIP)	July 1, 2015– July 1, 2016	\$1,000,000,000 Blanket Buildings and Contents – (Specified Locations) and Mobile Equipment
			\$100,000,000 Boiler and Machinery
			\$25,000,000 Miscellaneous Locations
			\$100,000,000 Earth Movement
			\$100,000,000 Excess Flood (over NFIP), except \$25,000,000 Locations within 100 Year Flood Zone (e.g. Blue Plains)
			Terrorism: \$650,000,000 per occurrence, \$1,250,000,000 annual aggregate (\$250,000,000 of occurrence and aggregate limit dedicated solely to DC Water)
			\$25,000,000 Transit Per Shipment
			Deductibles: \$1,000,000 Any Loss, except \$10,000 Equipment
Fidelity & Crime Insurance	Travelers Insurance	July 1, 2015– July 1, 2016	\$10,000,000 - Employee Dishonesty, Forgery, Funds Transfer Fraud, Money & Securities Deductible: \$200,000 Per Occurrence
Commercial General Liability	Self-Funded		\$1,000,000 each occurrence
Commercial Automobile	Self-Funded		\$1,000,000 any one accident
			100% Physical Damage - self-funded
Worker's Compensation	Self-Funded		\$1,000,000 each accident
			Statutory WC Benefits
			Employer's Liability - \$1,000,000 Each Accident; \$1,000,000 Disease/ Employee
Excess Worker's Compensation Insurance	Safety National	July 1, 2015– July 1, 2016	Unlimited - WC Benefits; \$3,000,000 - Employer's Liability (Included - Terrorism)
			Retentions: \$1,000,000/accident; \$1,000,000 Disease/ Employee.
Excess General Liability, Automobile Liability, and Employers Liability Insurance	Alliant National Municipal Liability (A.N.M.L.) Program	July 1, 2015– July 1, 2016	\$25,000,000 in excess of \$1,000,000
Excess Liability	Alliant Catastrophe Liability Insurance Program (C.L.I.P.)	July 1, 2015– July 1, 2016	\$75,000,000 in excess of \$25,000,000
Public Official Liability	RSUI Indemnity / Hiscox Insurance Company	July 1, 2015– July 1, 2016	\$20,000,000 Each Loss / Aggregate
			Retentions: \$250,000 per wrongful act

### EXHIBIT 22 SUMMARY OF MAJOR PERMITS AND ADMINISTRATIVE ORDERS AS OF SEPTEMBER 30, 2015

	AS OF SEFTEMBER 30, 2015		_	
Wastewater	Description	Expiration Date	Current Status	
National Pollutant Discharge Elimination System	Authorizes discharge of treated wastewater from Blue Plains into the Potomac River and from the combined sewer system into Rock Creek, the	September 30, 2015 <sub>(1)</sub>	In Compliance	
Permit # DC0021199	Anacostia River, and the Potomac River. Prescribes operating conditions for the plant and sewer system.			
National Pollutant Discharge Elimination System	Permit issued to Government of District of Columbia which prescribes certain actions to DC Water including:	October 7, 2016	In Compliance	
Municipal Separate Strom Sewer (MS4)	Responding to sanitary sewer overflows (SSO)			
Permit # DC0000221	Reporting SSOs that overflow to MS4 system to public health agencies			
	Cleaning catch basins and removing trash from waterbodies			
	Maintaining storm sewer system infrastructure			
	Collection of stormwater fees			
1995 Consent Decree	Requires certain actions including:	N/A	In Compliance All items completed; awaiting action to terminate decree	
Civil Action No.: 90-1643-JGP and 84-2842-JGP	Review procurement practices & maintenance procedures			
04-2042-JGF	Undertake Operational Capability Review			
	Conduct a pilot project for biological nitrogen reduction			
1996 Stipulated Agreement & Order	Requires certain actions including:	N/A	In Compliance All items completed; awaiting action to terminate agreement and order	
Civil Action No.: 96-669-TFH	Rehabilitate and maintain certain facilities and capital equipment in good operating condition			
	Maintain certain records and data for status reports and prepare monthly reports on status of compliance			
	Maintain user fees in separate accounts and make timely payment of invoices			
2003 Consent Decree	Requires certain actions including:	N/A	In Compliance	
Civil Action No.: 1:00CV00183TFH	Replacement/repair of control structures Cleaning/inspection of catch basins			
Civil Action No.: 02-2511 (TFH)	Rehabilitation of pumping stations Rehabilitation of Blue Plains grit chambers and influent screens Inspection of certain sewers and siphons Public education/outreach activities Payment of civil penalty of \$250,000 Conduct/support of supplemental environmental projects			
2005 Consent Decree for CSS LTCP	Requires implementing various components of the combined sewer system (CSS) long term control	March 18, 2025	In Compliance	
Consolidate Civil Action No;	plan (LTCP)			
1:00CV00183TFH		0.400.4004.5		
DC Department of Environment	Permit to construct the enhanced nitrogen removal facility	2/20/2015(2)	In Compliance	
DC Department of Environment	Permit to construct biosolids project – main process train/combined heat & power/final dewatering facility	3/15/2015(2)	In Compliance	
«Administratively extended in accordance with	the terms of the normit			

### EXHIBIT 23 BUDGETARY COMPARISON SCHEDULE FOR FISCAL YEAR 2015

Revised	Actual	
Budget Expenditures		Variance
\$ 135,544	\$ 133,935	\$ 1,609
76,944	66,241	10,703
28,831	29,109	(278)
36,187	30,306	5,881
30,416	30,848	(432)
1,029	531	498
160,264	134,845	25,419
26,687	20,437	6,250
20,058	-	20,058
\$ 515,959	\$ 446,252	\$ 69,708
	\$ 135,544 76,944 28,831 36,187 30,416 1,029 160,264 26,687 20,058	Budget       Expenditures         \$ 135,544       \$ 133,935         76,944       66,241         28,831       29,109         36,187       30,306         30,416       30,848         1,029       531         160,264       134,845         26,687       20,437         20,058       -

Reconciliation between total budgetary basis expenditures and toal expenses reported in statements of revenues, expenses and changes in net position

Capitalized personnel expenditures		(18,702)
Depreciation expense		83,857
Long-term debt - principal payments		(26,473)
Long-term debt - capitalized interest		(52,028)
Build America Bonds subsidy		2,647
Inventory issuances		2,099
Non-budgeted expenses		2,418
Total expenses reported in statements of revenues, expenses and changes in net position		440,069

# EXHIBIT 23 BUDGETARY COMPARISON SCHEDULE FOR FISCAL YEAR 2015 (CONTINUED)

#### **BUDGETARY ACCOUNTING AND CONTROL**

#### **Budget Law**

The Authority prepares its operating and capital budgets under the provisions of its enabling legislation. In accordance with those provisions, the following process is used to adopt the annual budget.

- Development of the 10-year financial plan
- Development of individual departmental operating budgets, based on the financial framework in the 10-year financial plan
- Review and development of the Authority wide proposed budget by the General Manager
- Presentation of proposed budget to the Board of Directors
- Review and development of proposed budget by the Board of Directors
- Adoption of proposed budget by the Board of Directors
- Submission of proposed budget to the District of Columbia for inclusion in its budget
- District of Columbia budget submission to U.S. Congress
- Approval of proposed budget by U.S. Congress and President

#### **Budgetary Accounting**

The Authority is a single enterprise fund and maintains accounting records using the accrual basis of accounting, in accordance with U.S. generally accepted accounting principles (GAAP). Under this basis of accounting, revenues are recognized when earned, and expenses are recognized when goods and services are received. The Authority's expenditure budget is prepared on a comparable basis to GAAP, with the exception of debt service, which is budgeted in full when due, including principal and interest. Depreciation is not budgeted; depreciation is recorded as an expense for financial statement purposes. Certain other items are also not budgeted such as bad debt expense or (recovery) and loss (gain) on disposals of fixed assets or inventory.

#### **Budgetary Requirements**

After the U.S. Congress approves the budget, the operating and capital budgets are loaded into the Authority's financial management system, which prevents overspending without appropriate approvals. The Department of Finance, Accounting and Budget prepares monthly management reports for each operating unit, management staff, the Board of Directors, and its various committees. The reports are consistently reviewed each month to ensure the Authority complies with its authorized budget levels.