

Statistical Section (Unaudited)

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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:

- 1. Financial Trends
- 2. Revenue Capacity
- 3. Debt Capacity
- 4. Demographic and Economic Information
- 5. Operating Information

1. Financial Trends

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

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

	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007
Operating revenues										
Residential, commercial and multi-family customers	\$ 382,552	\$ 335,711	\$ 295,209	\$ 275,337	\$ 256,846	\$ 241,475	\$ 209,796	\$ 191,543	\$ 183,553	\$182,327
Federal government	63,417	54,274	39,001	45,187	48,381	43,033	37,845	35,195	35,888	30,751
District government and DC Housing Authority	38,185	32,948	28,852	21,677	24,713	25,123	21,947	16,804	16,193	17,266
Charges for w holesale w astew ater treatment	91,873	112,522	96,845	87,178	94,549	90,414	87,505	85,519	82,854	73,378
Other	19,762	14,460	13,917	9,700	16,077	8,210	6,655	3,337	3,846	2,735
Total Operating Revenues	595,789	549,915	473,824	439,079	440,566	408,255	363,748	332,398	322,334	306,457
Operating expenses										
Personnel services	124,239	115,233	108,467	103,908	97,784	93,240	88,210	82,248	75,838	70,956
Contractual services	74,086	66,241	68,172	68,417	64,939	71,055	69,497	64,513	58,730	56,568
Chemicals, supplies and small equipment	29,524	32,935	31,748	28,987	28,815	28,188	29,003	29,074	28,816	24,510
Utilities and rent	23,934	30,848	29,939	26,098	26,786	29,429	29,929	32,813	37,843	32,238
Depreciation and amortization	89,512	83,857	77,833	77,330	74,342	70,209	64,425	59,291	54,418	49,355
Water purchases	26,345	29,109	28,407	27,223	28,389	27,170	27,587	25,371	25,746	24,042
Payment in lieu of taxes and right of way fee	20,744	20,437	11,458	21,982	21,982	21,982	20,474	19,183	17,525	17,514
Total operating expenses	388,384	378,660	356,024	353,945	343,037	341,273	329,125	312,493	298,916	275,183
Operating income	207,405	171,255	117,800	85,134	97,529	66,982	34,623	19,905	23,418	31,274
Non-operating revenue (expenses)										
Interest income	2,629	1,316	977	1,144	749	2,036	1,343	1,704	11,444	16,224
Interest expense and fiscal charges	(69,118)	(61,409)	(69,288)	(63,905)	(74,001)	(73,335)	(57,479)	(53,197)	(44,338)	(33,667)
Total non-operating (expenses)	(66,489)	(60,093)	(68,311)	(62,761)	(73,252)	(71,299)	(56,136)	(51,493)	(32,894)	(17,443)
Change in net position before capital contributions	140,916	111,162	49,489	22,373	24,277	(4,317)	(21,513)	(31,588)	(9,476)	13,831
Capital contributions	32,431	67,965	94,690	58,310	58,957	47,374	30,403	27,752	42,208	25,083
Change in net position	173,347	179,127	144,179	80,683	83,234	43,057	8,890	(3,836)	32,732	38,914
Net position, beginning 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, end of year	\$1,703,289	\$1,529,942	\$1,350,815	\$1,206,636	\$1,125,953	\$1,042,719	\$ 999,662	\$ 990,772	\$ 994,608	\$961,876

Source: FY 2007 - 2016 Statements of Revenues, Expenses and Changes in Net Position.

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

	2016	2015	2014	2013		2012	2011		2010		2009		2008	2007
Net investments in capital assets	\$1,491,925	\$1,348,056	\$1,130,952	\$1,042,620	\$ 9	956,397	\$ 874,356	\$	818,001	\$	765,709	\$	726,747	\$766,119
Restricted	33,135	27,054	28,863	29,010		27,297	26,825		17,257		10,244		8,297	6,267
Unrestricted	178,229	154,832	191,000	135,006	1	142,259	141,538		164,404		214,819		259,564	189,490
Total net postion	\$1,703,289	\$1,529,942	\$1,350,815	\$1,206,636	\$1,1	125,953	\$1,042,719	\$	999,662	\$	990,772	\$	994,608	\$961,876

Source: FY 2007 - 2016 Statements of Net Position.

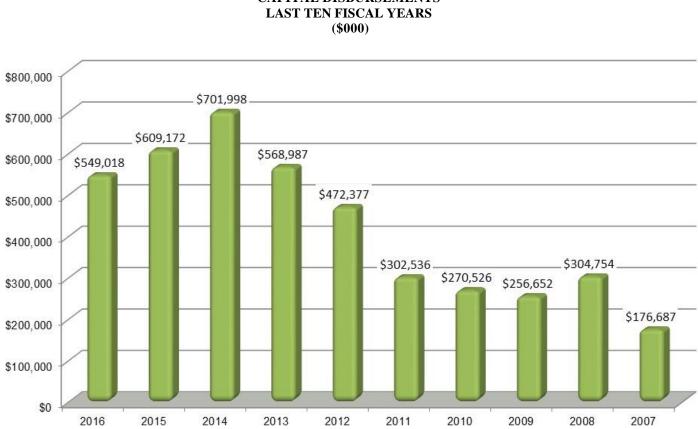


EXHIBIT 3 CAPITAL DISBURSEMENTS

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

Source: FY 2007 – 2016 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)

	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007
Operating Revenues										_
Retail Customers										
Residential, Commercial and Multifamily	\$ 382,552	\$335,711	\$295,209	\$275,337	\$256,846	\$241,475	\$209,796	\$191,543	\$183,553	\$182,327
Federal Government	63,417	54,274	39,001	45,187	48,381	43,033	37,845	35,195	35,888	30,751
DC Government	28,890	24,453	21,205	14,714	18,213	17,827	15,628	10,116	9,391	10,580
DC Housing Authority	9,295	8,495	7,647	6,963	6,500	7,296	6,319	6,688	6,802	6,686
Other Revenues	19,762	14,460	13,917	9,700	16,077	8,210	6,655	3,337	3,846	2,735
Total Retail Customers	503,916	437,393	376,979	351,901	346,017	317,841	276,243	246,879	239,480	233,079
Wholesale Customers	91,873	112,522	96,845	87,178	94,549	90,414	87,505	85,519	82,854	73,378
Total Operating Revenues	\$ 595,789	\$549,915	\$473,824	\$439,079	\$440,566	\$408,255	\$363,748	\$332,398	\$322,334	\$306,457
Retail Rate Increases	6.50%	7.50%	5.50%	5.50%	4.50%	12.50%	9.00%	7.50%	5.50%	5.00%

Source: FY 2007 - 2016 Statements of Revenues, Expenses and Changes in Net Position

	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007
Retail Accounts										
Residential	106,120	105,735	104,965	104,477	103,887	103,857	103,315	103,665	103,674	103,263
Commercial ^(A)	18,828	18,947	19,433	19,343	19,242	19,165	19,049	19,060	18,528	18,513
Governmental										
Federal	558	550	542	542	538	549	546	540	533	531
District of Columbia	641	638	641	630	605	607	603	606	590	589
DC Housing Authority	1,462	1,446	1,452	1,460	1,435	1,431	1,431	1,220	1,218	1,175
Total Retail Accounts	127,609	127,316	127,033	126,452	125,707	125,609	124,944	125,091	124,543	124,071
DC Water	39	39	37	36	36	35	35	30	30	30
Washington Aqueduct	2	2	2	2	2	2	1	2	2	1
Wholesale	7	7	7	7	7	7	7	7	7	7
Total Number of Accounts	127,657	127,364	127,079	126,497	125,752	125,653	124,987	125,130	124,582	124,109

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

^(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

	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007
Howard University	\$ 3,823,023	\$ 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
William C Smith & Co	2,455,990	2,076,534	2,277,833	1,782,719	1,787,150	1,709,334	1,505,145	-	-	-
George Washington University	2,338,974	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
Washington Hospital Center	1,991,344	1,830,586	1,671,855	1,693,655	933,027	1,270,788	1,113,672	823,743	514,275	606,120
Horning Brothers	1,335,613	-	1,347,287	1,258,995	1,163,586	1,122,879	993,115	-	-	-
Georgetown University	1,324,563	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
Amtrak	1,019,570	1,028,989	984,336	1,004,177	937,430	903,475	761,235	963,925	795,825	-
Metropolitan Washington Airports Authority	1,008,250	923,394	807,803	716,929	661,509	-	-	-	-	-
American University	1,001,742	1,078,412	1,125,050	1,253,038	869,211	-	694,565	1,524,262	773,109	689,676
Georgetown University Hospital	920,681	720,247	955,353	1,053,659	1,643,380	1,371,035	-	-	-	1,070,099
Shoreham Hotel	-	1,035,982	-	-	-	-	-	656,182	458,828	-
The Barac Company	-	-	-	-	-	927,022	776,134	-	-	-
Soldiers Home	-	-	-	-	-	897,121	804,533	818,641	948,708	-
Marriott Wardman Park Hotel	-	-	-	-	-	-	-	1,037,663	681,480	592,663
JW Marriott Hotel	-	-	-	-	-	-	-	556,985	-	-
Children's Hospital	-	-	-	-	-	-	-	-	841,774	676,570
Washington Hilton Hotel	-	-	-	-	-	-	-	-	792,227	756,085
L'Enfant Plaza Properties	-	-	-	-	-	-	-	-	-	533,726
Total	\$17,219,750	\$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
% of Total Operating Revenues	2.89%	2.93%	3.60%	3.53%	3.40%	3.53%	3.33%	3.59%	3.60%	2.98%

Source: DC Water Department of Customer Service

	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007
U.S. General Services Administration	\$11,670,623	\$ 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
D.C. Housing Authority	6,999,037	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
National Park Service	3,656,234	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
U.S. Congress	3,223,507	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
Smithsonian Institution	2,768,661	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
Bolling Air Force Base	2,602,439	2,509,536	1,928,617	2,265,348	2,925,847	-	-	2,279,861	-	-
D.C. Board of Education	2,228,498	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
Federal Naval Research Lab	1,975,742	1,802,150	1,542,370	1,833,491	1,788,497	-	-	-	-	-
Department of the Navy	1,708,908	-	-	1,521,264	1,886,750	3,832,568	2,851,611	3,504,547	3,011,883	2,835,280
D.C. Recreation and Parks	1,695,630	1,702,488	1,216,398	-	-	-	-	-	-	-
D.C. Department of Human Services	-	-	-	-	-	3,272,747	2,047,213	-	1,914,251	1,741,170
Department of Defense DC	-	-	-	-	-	2,151,529	1,608,642	2,248,076	3,292,402	3,907,312
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
Total	\$38,529,279	\$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
% of Total Operating Revenues	6.47%	6.82%	6.85%	7.88%	8.14%	9.27%	8.97%	10.82%	12.08%	11.45%

EXHIBIT 7 TEN LARGEST GOVERNMENT CUSTOMERS LAST TEN FISCAL YEARS

Source: DC Water Department of Customer Service

			(c)				(g)	
		(b)	DISTRICT	(d)	(e)	(f)	IMPERVIOUS	
	(a)	WATER SYSTEM	PUBLIC SPACE	WATER	SEWER	COMBINED	SURFACE	AVERAGE
FISCAL	METERING	REPLACEMENT	OCCUPANCY	CONSUMPTION	CONSUMPTION	CONSUMPTION	AREA	MONTHLY
YEAR	FEE	FEE	FEE AND PILOT	RATE	RATE	RATE	CHARGE ²	BILL ¹
2007	2.010	-	0.44	2.03	3.06	5.09	-	36.30
2008	2.010	-	0.47	2.14	3.23	5.37	-	38.22
2009	2.010	-	0.52	2.30	3.31	5.61	1.24	41.26
2010	2.010	-	0.57	2.51	3.61	6.12	2.20	45.69
2011	3.860	-	0.63	3.10	3.79	6.89	3.45	53.93
2012	3.860	-	0.64	3.24	3.96	7.20	6.64	59.11
2013	3.860	-	0.66	3.42	4.18	7.60	9.57	64.64
2014	3.860	-	0.70	3.61	4.41	8.02	11.85	69.77
2015	3.860	-	0.63	3.88	4.74	8.62	16.75	77.96
2016	3.860	6.30	0.64	3.36 ³	5.44	8.80	20.30	88.99

EXHIBIT 8 RETAIL WATER AND SEWER RATES LAST TEN FISCAL YEARS

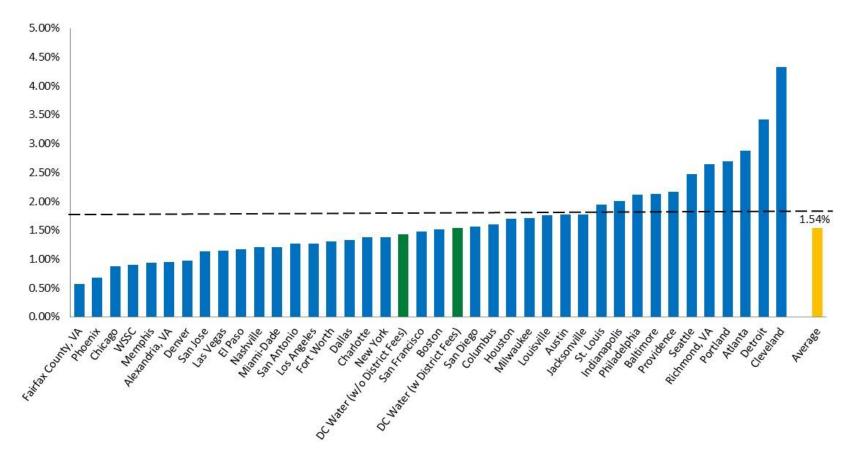
¹ Average residential customer consumption is 6.2 Ccf per month. The average monthly bill is calculated as follows (a)+(b)+(g)+(((c)+(f)) × 6.2 Ccf)

² Per Equivalent Residential Unit (ERU).

³ Weighted average water rate for residential customers.

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





(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 2016.

Source: DC Water Department of Finance & Budget

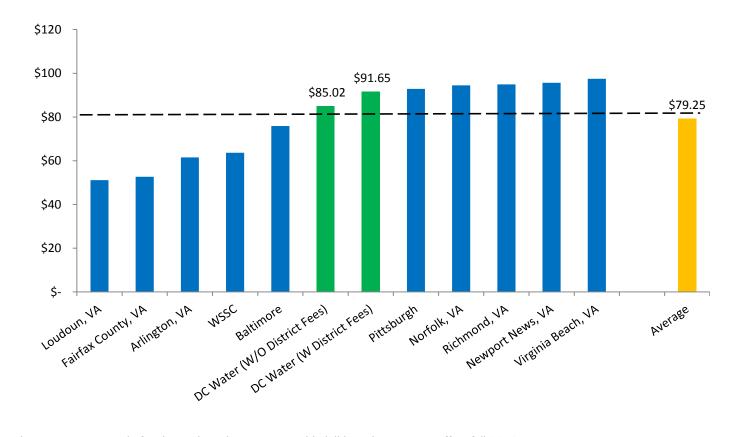


EXHIBIT 10 RESIDENTIAL WATER AND WASTEWATER BILL COMPARISONS TO LOCAL AND REGIONAL UTILITIES (1)

(1) This analysis represents single family residential average monthly bill based on rates in effect fall 2016.

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.

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

	2016	2015		2014	2013	2	2012	2011	2010	2009	2008		2007
Senior Debt:													
2014 Public Utility Revenue Bonds	\$ 350,000	\$ 350,00	D \$	350,000	\$-	\$	-	\$ -	\$-	\$-	\$ -	\$	-
2009 Series A Public Utility Revenue Bonds	11,535	159,52	D	291,145	293,720	2	296,205	298,225	300,000	300,000	-		-
1998 Public Utility Revenue Bonds	170,525	183,66	0	196,050	207,735	2	218,815	229,315	239,270	248,705	257,645		266,120
Total Senior Debt	532,060	693,18	0	837,195	501,455	Ę	515,020	527,540	539,270	548,705	257,645		266,120
Subordinate Debt:													
2016 Series A Public Utility Revenue Bonds	389,110												
2016 Series B Public Utility Revenue Bonds	25,000												
2015 Series A Public Utility Revenue Bonds	100,000												
2015 Series B Public Utility Revenue Bonds	250,000												
2014 Series B-1 Public Utility Revenue Bonds	50,000	50,00	D	50,000	-		-	-	-	-	-		-
2014 Series B-2 Public Utility Revenue Bonds	50,000	50,00	D	50,000	-		-	-	-	-	-		-
2014 Series C Public Utility Revenue Bonds	377,110	377,70	D	-	-		-	-	-	-	-		-
2013 Series A Public Utility Revenue Bonds	300,000	300,00	D	300,000	300,000		-	-	-	-	-		-
2012 Series A Public Utility Revenue Bonds	163,655	168,40	5	172,990	177,430	1	177,430	-	-	-	-		-
2012 Series B-1 Public Utility Revenue Bonds	-		-	52,690	52,690		52,690	-	-	-	-		-
2012 Series B-2 Public Utility Revenue Bonds	-	47,31	D	47,310	47,310		47,310	-	-	-	-		-
2012 Series C Public Utility Revenue Bonds	163,215	163,21	5	163,215	163,215	1	163,215	-	-	-	-		-
2010 Series A Public Utility Revenue Bonds	300,000	300,00	D	300,000	300,000	3	300,000	300,000	-	-	-		-
2008 Series A Public Utility Revenue Bonds	20,200	168,19	D	268,095	274,210	2	279,955	285,540	290,000	290,375	290,375		-
2007 Series A Public Utility Revenue Bonds	-	115,58	D	218,715	218,715	2	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
2003 Public Utility Revenue Bonds	-		-	-	-		-	176,220	176,220	176,220	176,220		176,220
Notes Payable to the Federal													
Government for Bloomington Dam	12,841	13,21	7	13,580	13,932		14,273	14,603	14,922	15,232	15,532		15,823
DC General Obligation Bonds	-		-	-	-		-	245	1,490	5,180	9,905		15,060
Notes Payable to WSSC for Little Seneca	-		-	-	-		63	104	142	179	216		251
Total Subordinate Debt	2,201,131	1,753,61	7	1,636,595	1,547,502	1,2	253,651	995,427	701,489	705,901	710,963		780,069
Total Senior and Subordinate debt	2,733,191	2,446,79	7	2,473,790	2,048,957	1,7	768,671	1,522,967	1,240,759	1,254,606	968,608	1	,046,189
Unamortized bond premiums	198,677	104,06	0	76,098	79,313		79,674	28,255	29,929	31,102	31,255		20,051
Unamortized bond discounts	(2,222)	(2,35	1)	(2,480)	(2,608)		(2,784)	(2,879)	(2,968)	(3,053)	(3,134)		(3,211)
Total Debt	\$2,929,646	\$2,548,50	6\$	2,547,408	\$2,125,662	\$1,8	845,561	\$ 1,548,343	\$1,267,720	\$1,282,655	\$ 996,729	\$1	,063,029
Debt - per capita	N/A	\$ 3,79	1 \$	3,866	\$ 3,288	\$	2,919	\$ 2,505	\$ 2,096	\$ 2,166	\$ 1,718	\$	1,851
Debt - as percentage of personal income	N/A	5.17	%	5.54%	4.37%		3.90%	3.40%	2.94%	3.18%	2.43%		2.83%

N/A: population and personal income not available

See exhibits 13 and 14 for District of Columbia 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 2016 (\$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	\$ 451,467
Wholesale	79,784
Other Non-Operating	58,078
Transfer from (Contributions to) Rate Stabilization Fund	 (19,000)
Total Cash Receipts (A)	570,329
Cash Disbursements (Operating Expenses) (B)	298,452
Cash Receipts Less Cash Disbursements (C=A-B)	\$ 271,877
Debt Service:	
Senior Debt Service (D)	\$ 46,829
Subordinate Debt Service (E)	105,252
Total Outstanding and Projected Debt Service (F=D+E)	\$ 152,081
Calculation of Net Cash Receipts Available for Senior Debt Service:	
Cash Receipts Less Cash Disbursements (C)	\$ 271,877
Prior Year Federal Billing Reconciliation	(11,679)
(Refund to)/Payment from Wholesale Customers	 (13,017)
Net Cash Receipts Available for Senior Debt Service (G)	\$ 247,181
Senior Debt Service Coverage (G/D)	5.28
Calculation of Subordinate Debt Service Coverage:	
Net Cash Receipts Available for Senior Debt Service (G)	\$ 247,181
Less Senior Debt Service (D)	(46,829)
Net Cash Receipts Available for Subordinate Debt Service (G-D)	\$ 200,352
Subordinate Debt Service Coverage ((G-D)/E)	 1.90
Combined Debt Service Coverage (G/F)	 1.63

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

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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.

-	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007
District of Columbia	N/A	672,228	658,893	646,449	632,323	617,996	604,912	592,228	580,236	574,404
Montgomery County, MD	N/A	1,040,116	1,030,447	1,016,677	1,004,709	989,794	975,439	959,013	942,748	931,694
Prince George's County, MD	N/A	909,535	904,430	890,081	881,138	871,233	865,219	856,161	850,167	849,916
Fairfax County, VA	N/A	1,180,139	1,175,622	1,168,405	1,155,292	1,135,992	1,121,054	1,099,347	1,077,509	1,060,356
Loudoun County, VA	N/A	375,629	363,050	349,679	336,898	325,405	315,305	303,661	292,570	279,704

EXHIBIT 13 POPULATION OF SERVICE AREA JURISDICTIONS LAST TEN CALENDAR YEARS

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)

	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007
District of Columbia	N/A	\$49,275,917	6 46,015,860	\$48,696,519	\$ 47,280,666	\$ 45,597,835	\$ 43,082,099	\$ 40,326,374	\$ 41,014,705	\$ 37,525,123
Montgomery County, MD	N/A	79,946,266	75,720,017	73,958,785	73,551,167	69,050,166	65,904,393	62,962,957	65,845,731	62,643,745
Prince George's County, MD	N/A	40,806,805	40,215,913	38,595,921	38,481,250	35,036,640	33,888,631	33,156,357	33,026,742	31,753,583
Fairfax County, VA	N/A	88,419,380	88,180,013	83,835,355	82,727,342	78,392,046	75,161,493	71,954,372	75,302,775	73,256,103
Loudoun County, VA	N/A	26,254,562	24,463,869	20,886,046	20,107,077	18,626,729	16,971,112	15,340,608	15,147,096	13,875,373

N/A: Not Available

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

_	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007
District of Columbia	N/A	\$ 73,302	\$ 69,838	\$ 75,329	\$ 74,773	\$ 73,783	\$ 71,220	\$ 69,093	\$ 70,686	\$ 65,329
Montgomery County, MD	N/A	76,863	73,483	72,746	73,206	69,762	67,564	65,654	69,844	67,236
Prince George's County, MD	N/A	44,866	44,465	43,362	43,672	40,215	39,168	38,727	38,847	37,361
Fairfax County, VA	N/A	74,923	75,007	71,752	71,607	69,008	67,045	65,452	69,886	69,086
Loudoun County, VA	N/A	69,895	67,384	59,729	59,683	57,242	53,824	50,519	51,773	49,607

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

N/A: Not Available

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

-	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007
District of Columbia	6.5%	6.9%	7.0%	7.3%	8.2%	10.2%	10.1%	9.7%	6.6%	5.5%
Montgomery County, MD	3.2%	4.0%	4.1%	4.5%	4.7%	5.2%	5.8%	5.6%	3.2%	2.6%
Prince George's County, MD	4.1%	5.1%	5.5%	6.2%	6.5%	7.0%	7.7%	7.3%	4.4%	3.6%
Fairfax County, VA	3.3%	3.3%	3.6%	3.7%	3.6%	4.3%	4.9%	4.9%	2.9%	2.2%
Loudoun County, VA	3.3%	3.3%	3.6%	3.9%	3.7%	4.2%	4.8%	4.8%	2.8%	2.1%

EXHIBIT 16 UNEMPLOYMENT RATES LAST TEN CALENDAR YEARS

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

	DISTRICT OF COLUMBIA	MONTGOMERY COUNTY	PRINCE GEORGE'S COUNTY	FAIRFAX COUNTY	LOUDOUN COUNTY
Agriculture, Forestry, Mining, etc.	0.06%	0.32%	0.09%	0.22%	0.81%
Construction	2.03%	5.69%	8.76%	4.57%	8.16%
Manufacturing	0.22%	1.92%	1.84%	0.83%	3.25%
Transportation & Public Utilities	1.38%	2.06%	4.33%	2.27%	5.81%
Wholesale & Retail Trade	3.64%	9.56%	13.47%	8.19%	12.07%
Finance, Insurance & Real Estate	6.07%	11.86%	6.52%	9.49%	8.14%
Services	58.11%	54.56%	43.30%	60.72%	50.55%
Government (Federal, State & Local)	26.82%	12.87%	20.03%	12.54%	10.66%
Military	1.65%	1.14%	1.66%	1.16%	0.54%
TOTAL	100.00%	100.00%	100.00%	100.00%	100.00%

EXHIBIT 17 EMPLOYMENT BY SECTOR

Source: U.S. Department of Commerce, Bureau of Economic Analysis Latest available data is for 2015

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		
	FISCAL	WATER	WATER	SOLD/PUMPED
_	YEAR	DELIVERED (MG)	BILLED (MG)	RATIO
	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%
	2016	36,363	26,325	72.40%

Source: DC Water Department of Customer Service

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)
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	76.5
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
2016	36,363	99.4	113.8	127.7	26,325	71.9

EXHIBIT 19 WATER DEMAND LAST TEN FISCAL YEARS

Source: DC Water Department of Water Services and Washington Aqueduct

EXHIBIT 20 MISCELLANEOUS STATISTICS ABOUT AUTHORITY OPERATIONS LAST TEN FISCAL YEARS

	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007
Utilities and supplies per day at Blue Plains										
Electric power (kwh)	615,000	700,000	700,000	700,000	700,000	700,000	700,000	700,000	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	10,051	6,850	6,850	6,850	6,850	6,850	6,850	6,850	6,850
Sodium bisulfite (pounds)	7,880	7,880	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)	0	39,000	72,050	72,050	72,050	72,050	72,050	72,050	72,050	72,050
Sodium hydroxide (pounds)	14,766	14,766	26,100	26,100	26,100	26,100	26,100	26,100	26,100	26,100
Methanol (gallons)	19,428	19,428	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000
Ferric chloride (10% Iron) (gallons)	19,060	19,060	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	511	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	847	1,076	1,076	1,076	1,076	1,076	1,076	1,076	1,076
DC Water employees	1,121	1,164	1,079	1,080	1,051	1,032	1,004	1,000	961	948

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

EXHIBIT 20 MISCELLANEOUS STATISTICS ABOUT AUTHORITY OPERATIONS (CONTINUED)

<u>Wastewater Plant Permit Limitations</u> <u>September 30, 2010 through September 30, 2015</u>

Total Supende 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)4.2 mg/l (12,960 lbs./day)6.1 mg/l (18,823 lbs./day)Winter 1 (17 - 2/14)1.1 mg/l (34,253 lbs./day)17.0 mg/l (54,800 lbs./day)Winter 2 (215 - 4./30)12.8 mg/l (35,50 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 average5.0 mg/l 4.0 mg/l0.35 mg/l (1080 lbs./day)PH Minimum Minimum Maximum6.0 units 8.5 units5.0 mg/lTotal ChlorineNon detectableE.coli123 cu/100ml Geometric (30 day)Chesapeake Bay Voluntary Agreement Total Nitrogen (Annual Average)8,467,200 lbs./yrU.S. Environmental Protection Agency Total Nitrogen (Annual Average)1,300 MGDNumber of bar screens13Number of acrated grit chambers16Total Vitrogen (Lampers2.3 MGNumber of arated grit chambers2.3 MGNumber of primary clarifiers)2.5 hoursAverage detention time (clarifiers)10.08 gallons/square foot/day	Parameter	Monthly	Weekly
Ammonia Nitrogen Summer (5/1 – 10/31) Winter 1 (17 – 2/14) Winter 2 (2/15 – 4/30) Total Phosphorus (annual average) 0.18 mg/l (32,500 lbs/day) Total Phosphorus (annual average) 0.18 mg/l (32,500 lbs/day) Total Phosphorus (annual average) 0.18 mg/l (35,51 lbs./day) 0.35 mg/l (1080 lbs./day) Dissolved Oxygen Minimum daily average S.0 mg/l 4.0 mg/l PH Minimum Maximum 8.5 units Total Chlorine E.coli 123 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 Number of aerated grit chambers 13 Number of aerated grit chambers 16 Total volume of aerated grit chambers 16 Total volume of aerated grit chambers 2.3 MG Number of primary clarifiers Average detention time (clarifiers) 2.5 hours Average hydraulic loading (clarifiers) 1,008 gallons/square foot/day	Biochemical Oxygen Demand (carbonaceous)	5.0 mg/L (15,429 lbs./day)	7.5 mg/l (23.143 lbs./day)
Summer (5/1 - 1031)4.2 mg/l (12,960 lbs./day)6.1 mg/l (18,833 lbs./day)Winer 1 (1/1 - 2/14)11.1 mg/l (34,253 lbs./day)14.8 mg/l (45,670 lbs./day)Winer 2 (215 - 4/30)0.18 mg/l (555 lbs./day)17.0 mg/l (52,600 lbs./day)Total Phosphorus (annual average)0.18 mg/l (555 lbs./day)0.35 mg/l (1080 lbs./day)Dissolved Oxygen5.0 mg/lMinimum daily average5.0 mg/lNot less than4.0 mg/lPHMinimum6.0 unitsMaximum8.5 unitsTotal ChlorineNor detectableE.coli123 cu/100ml Geometric (30 day)Chesapeake Bay Voluntary Agreement Total Nitrogen (Annual Average)Vastewater Plant Protection Agency Total Nitrogen (Annual Average)Influent Punping Capacity1.300 MGDNumber of bar screens1.300 MGDNumber of aerated grit chambers6Total volume of aerated grit chambers6Average detention time (clarifiers)Number of primary clarifiersAverage hydraulic loading (clarifiers)Nonge allons/square foot/day	Total Suspended Solids (TSS)	7.0 mg/l (21,600 lbs./day)	10.5 mg/l (32,400 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 6.0 units 8.5 units Total Chlorine 7.00 units 8.5 units Total Chlorine 7.00 detectable E.coli 7.00 units 1.00 detectable E.coli 7.00 units 8.467,200 lbs./yr V.S. Environmental Protection Agency Total Nitrogen (Annual Average) 8.467,200 lbs./yr V.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 1.3 Number of aerated grit chambers 1.6 Total volume of aerated grit chambers 1.6 Number of primary clarifiers 2.3 MG Average detention time (clarifiers) 2.5 hours Average hydraulic loading (clarifiers) 1.008 gallons/square foot/day	Ammonia Nitrogen Summer $(5/1 - 10/31)$ Winter 1 $(1/1 - 2/14)$ Winter 2 $(2/15 - 4/30)$	11.1 mg/l (34,253 lbs./day)	14.8 mg/l (45,670 lbs./day)
Minimum daily average Not less than5.0 mg/ 4.0 mg/pH Minimum Maximum6.0 units 8.5 unitsTotal ChlorineKon detectableE.coli123 cu/100ml Geometric (30 day)Chesapeake Bay Voluntary Agreement Total Nitrogen (Annual Average)8,467,200 lbs./yrU.S. Environmental Protection Agency Total Nitrogen (Annual Average)4,337,580 lbs./yrWastewater Plant Processes Primary Treatment1,300 MGDNumber of bar screens13Number of aerated grit chambers16Total volume of aerated grit chambers2.3 MGNumber of primary clarifiers).25 hoursAverage hydraulic loading (clarifiers)1,008 gallons/square foot/day	Total Phosphorus (annual average)	0.18 mg/l (555 lbs./day)	0.35 mg/l (1080 lbs./day)
Minimum6.0 units 8.5 unitsMaximum6.0 units 8.5 unitsTotal ChlorineNon detectableE.coli123 cu/100ml Geometric (30 day)Chesapeake Bay Voluntary Agreement Total Nitrogen (Annual Average)8,467,200 lbs./yrU.S. Environmental Protection Agency Total Nitrogen (Annual Average)4,337,580 lbs./yrWastewater Plant Processes Primary Treatment1,300 MGDNumber of bar screens13Number of aerated grit chambers16Number of aerated grit chambers2.3 MGNumber of primary clarifiers36Average detention time (clarifiers).008 gallons/square foot/day	Dissolved Oxygen Minimum daily average Not less than		
E.cli123 cu/100ml Geometric (30 day)Chesapeake Bay Voluntary Agreement Yotal Nitrogen (Annual Average)8,467,200 lbs./yrU.S. Environmental Protection Agency Total Nitrogen (Annual Average)4,337,580 lbs./yrWastewater Plant Processes Primary Treatment1,300 MGDInfluent Pumping Capacity1,300 MGDNumber of bar screens16Number of aerated grit chambers6Yotal volume of aerated grit chambers36Number of primary clarifiers2,5 hoursAverage detention time (clarifiers)0,008 gallons/square foot/day	pH Minimum Maximum		
Chesapeake Bay Voluntary Agreement Total Nitrogen (Annual Average)8,467,200 lbs./yrU.S. Environmental Protection Agency Total Nitrogen (Annual Average)4,337,580 lbs./yrWastewater Plant Processes Primary Treatment1,300 MGDInfluent Pumping Capacity13Number of bar screens16Number of aerated grit chambers2.3 MGNumber of primary clarifiers)36Average detention time (clarifiers)2.5 hoursAverage hydraulic loading (clarifiers)1,008 gallons/square foot/day	Total Chlorine	Non detectable	
Total Nitrogen (Annual Average)8,467,200 lbs./yrU.S. Environmental Protection Agency Total Nitrogen (Annual Average)4,337,580 lbs./yrWastewater Plant Processes Primary Treatment1,300 MGDInfluent Pumping Capacity1,300 MGDNumber of bar screens16Total volume of aerated grit chambers2.3 MGNumber of primary clarifiers36Average detention time (clarifiers)2.5 hoursAverage hydraulic loading (clarifiers)1,008 gallons/square foot/day	E.coli	123 cu/100ml Geometric (30 day)	
Total Nitrogen (Annual Average)4,337,580 lbs./yrWastewater Plant Processes Primary Treatment1,300 MGDInfluent Pumping Capacity1,300 MGDNumber of bar screens13Number of bar screens16Total volume of aerated grit chambers2.3 MGNumber of primary clarifiers36Average detention time (clarifiers)2.5 hoursAverage hydraulic loading (clarifiers)1,008 gallons/square foot/day	Chesapeake Bay Voluntary Agreement Total Nitrogen (Annual Average)	8,467,200 lbs./yr	
Primary TreatmentInfluent Pumping Capacity1,300 MGDNumber of bar screens13Number of bar screens16Total volume of aerated grit chambers2.3 MGNumber of primary clarifiers36Average detention time (clarifiers)2.5 hoursAverage hydraulic loading (clarifiers)1,008 gallons/square foot/day	U.S. Environmental Protection Agency Total Nitrogen (Annual Average)	4,337,580 lbs./yr	
Number of bar screens13Number of aerated grit chambers16Total volume of aerated grit chambers2.3 MGNumber of primary clarifiers36Average detention time (clarifiers)2.5 hoursAverage hydraulic loading (clarifiers)1,008 gallons/square foot/day	<u>Wastewater Plant Processes</u> Primary Treatment		
Number of aerated grit chambers16Total volume of aerated grit chambers2.3 MGNumber of primary clarifiers36Average detention time (clarifiers)2.5 hoursAverage hydraulic loading (clarifiers)1,008 gallons/square foot/day	Influent Pumping Capacity	1,300 MGD	
Total volume of aerated grit chambers2.3 MGNumber of primary clarifiers36Average detention time (clarifiers)2.5 hoursAverage hydraulic loading (clarifiers)1,008 gallons/square foot/day	Number of bar screens	13	
Number of primary clarifiers36Average detention time (clarifiers)2.5 hoursAverage hydraulic loading (clarifiers)1,008 gallons/square foot/day	Number of aerated grit chambers	16	
Average detention time (clarifiers)2.5 hoursAverage hydraulic loading (clarifiers)1,008 gallons/square foot/day	Total volume of aerated grit chambers	2.3 MG	
Average hydraulic loading (clarifiers) 1,008 gallons/square foot/day	Number of primary clarifiers	36	
	Average detention time (clarifiers)	2.5 hours	
Maximum hydraulic loading (clarifiers) 2,929 gallons/square foot/day	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)

		I	
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		
Average clarifier hydraulic loading	755 gallons/square 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, 2016

TYPE OF COVERAGE	COMPANY	POLICY PERIOD	COVERAGE LIMITS
Blanket Property and Boiler & Machinery	Alliant Public Entity Property Insurance Program (PEPIP)	July 1, 2016– July 1, 2017	\$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, 2016- July 1, 2017	\$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, 2016– July 1, 2017	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	AEGIS	July 1, 2016– July 1, 2017	\$35,000,000 in excess of \$1,000,000
Excess Liability	Alliant Catastrophe Liability Insurance Program (C.L.I.P.)	July 1, 2016– July 1, 2017	\$65,000,000 in excess of \$35,000,000
Public Official Liability	RSUI Indemnity / Hiscox	July 1, 2016- July 1,	\$20,000,000 Each Loss / Aggregate
	Insurance Company	2017	Retentions: \$250,000 per wrongful act
Fiduciary Liability	Travelers Insurance	July 1, 2016– July 1,	\$5,000,000 Each Loss / Aggregate
		2017	Deductible: \$0 per claim
Cyber	Beazley	July 1, 2016– July 1, 2017	\$5,000,000 Each Loss/Aggregate Deductible: \$100,000
Professional Liability	Lloyds of London	July 1, 2016– July 1, 2017	\$2,000,000 Each Loss Deductible: \$10,000
National Flood	NFIP	July 1, 2016- July 1,	\$500,000 building/contents

EXHIBIT 22 SUMMARY OF MAJOR PERMITS AND ADMINISTRATIVE ORDERS AS OF SEPTEMBER 30, 2016

Wastewater	Description	Expiration Date	Current Status
National Pollutant Discharge Elimination System Permit # DC0021199	Authorizes discharge of treated wastewater from Blue Plains into the Potomac River and from the combined sewer system into Rock Creek, the Anacostia River, and the Potomac River. Prescribes operating conditions for the plant and sewer system.	September 30, 2015(1)	In Compliance
National Pollutant Discharge Elimination System	Permit issued to Government of District of Columbia which prescribes certain actions to DC Water including:	October 7, 2016(1)	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;
Civil Action No.: 90-1643-JGP and 84-2842-1GP	Review procurement practices & maintenance procedures		awaiting action to terminate decree
	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;
Civil Action No.: 96-669-TFH	Rehabilitate and maintain certain facilities and capital equipment in good operating condition		awaiting action to terminate agreement and order
	Maintain certain records and data for status reports and prepare monthly reports on status of compliance		older
	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 Modified Consent Decree for CSS LTCP	Requires implementing various components of the	N/A	In Compliance
Consolidate Civil Action No;	combined sewer system (CSS) long term control plan (LTCP). On January 14, 2016, the Court entered the First Amendment to the Consent		
1:00CV00183TFH	Vertex of the risk Amendment to the Consent Decree to incorporate DC Water's Total Nitrogen Wet Weather Plan and modify the requirement for the Potomac and Rock Creek watersheds to include Green/Gray Infrastructure in Potomac watershed, and Gray Infrastructure in the Rock Creek watershed. The Consent Decree does not have an expiration date.		
DC Department of Energy and the Environment	Permit to construct the enhanced nitrogen removal facility	2/20/2015(2)	In Compliance
DC Department of Energy and The Environment	Permit to construct biosolids project – main process train/combined heat & power/final dewatering facility	3/15/2015(2)	In Compliance

(1)Administratively extended in accordance with the terms of the permit. (2)Extended monthly pending issuance of revised permit.

EXHIBIT 23 BUDGETARY COMPARISON SCHEDULE FOR FISCAL YEAR 2016

	Revised	Actual	
	Budget	Expenditures	Variance
Expenditures			
Personnel services	\$ 140,034	\$ 141,886	\$ (1,852)
Contractual services	79,244	74,086	5,158
Water purchases	30,740	26,345	4,395
Chemicals and supplies	35,951	28,966	6,985
Utilities and rent	35,018	23,934	11,084
Small equipment	1,465	672	793
Interest and fiscal charges (debt service)	174,766	149,781	24,985
Payment in lieu of tax & right of way fee	20,744	20,744	-
Cash financed capital improvements	23,644	-	23,644
Total budgetary basis expenditures	\$ 541,605	\$ 466,413	\$ 75,193

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

Capitalized personnel expenditures	(17,648)
Depreciation expense	89,512
Long-term debt - principal payments	(28,460)
Long-term debt - capitalized interest	(62,800)
Build America Bonds subsidy	7,969
Inventory issuances	(112)
Non-budgeted expenses	 2,628
Total expenses reported in statements of revenues, expenses	
and changes in net position	\$ 457,502

EXHIBIT 23 BUDGETARY COMPARISON SCHEDULE FOR FISCAL YEAR 2016 (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.