

WASHINGTON SUBURBAN SANITARY
DISTRICT, MARYLAND
(MONTGOMERY AND PRINCE GEORGE'S COUNTIES, MARYLAND)

BOND & NOTE INFORMATION



JUNE 30, 2018

FOREWARD

This booklet contains detailed information concerning the various purpose bond and note issues of the Washington Suburban Sanitary District.

Its intent is to familiarize those who may be interested in the debt structure of the District and to assist in the analysis of the overall debt.

In FY 2010 and FY 2011, the Commission issued Build America Bonds – Direct Payment to the Issuer (BABs). Throughout this book, interest rates associated with BABs are shown at the coupon rate for the respective maturities.

This information has been taken from the records of the Finance Office, 14501 Sweitzer Lane, Laurel, MD 20707. Call 301-206-7050 for questions or comments regarding its content.

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**SUMMARY STATEMENT OF BONDS/NOTES PAYABLE
PRINCIPAL DEBT AMOUNTS OUTSTANDING AND CHANGES
JUNE 30, 2017 TO JUNE 30, 2018**

	OUTSTANDING 6/30/2017	% OF TOTAL	BONDS/NOTES DEFEASED/ REDEEMED	% OF TOTAL	BONDS/NOTES ISSUED	% OF TOTAL	OUTSTANDING 6/30/2018	% OF TOTAL
General Construction Bonds	\$155,889,641	5.97	\$34,775,000	9.38	\$21,095,000	2.73	\$142,209,641	4.72
Water Supply Bonds	948,314,724	36.32	125,975,869	33.96	331,225,000	42.89	1,153,563,855	38.30
Sewage Disposal Bonds	1,256,495,635	48.13	194,404,132	52.41	406,185,000	52.59	1,468,276,503	48.74
Maryland Water Quality Bonds(2)	250,069,313	9.58	15,772,578	4.25	13,830,263	1.79	248,126,998	8.24
TOTAL BONDS	\$2,610,769,313	100.00	\$370,927,579	100.00	\$772,335,263	100.00	\$3,012,176,997	100.00
AVG. INT. RATE - ALL BONDS(3)	3.82%							
Water, Sewer and General Notes	202,600,000		12,400,000				190,200,000	
TOTAL	\$2,813,369,313		\$383,327,579		\$772,335,263		\$3,202,376,997	

**SUMMARY OF BONDS ISSUED, REDEEMED/DEFEASED AND PAYABLE
AS OF JUNE 30, 2018**

	TOTAL BONDS ISSUED	% OF TOTAL	TOTAL BONDS DEFEASED/ REDEEMED	% OF TOTAL	BONDS PAYABLE 6/30/2018	% OF TOTAL
General Construction Bonds(1)	\$3,674,161,435	33.86	\$3,531,951,794	45.07	\$142,209,641	4.72
Water Supply Bonds	3,310,032,788	30.51	2,156,468,933	27.51	1,153,563,855	38.30
Sewage Disposal Bonds	3,465,330,877	31.94	1,997,054,374	25.48	1,468,276,503	48.74
Maryland Water Quality Bonds(2)	400,161,654	3.69	152,034,656	1.94	248,126,998	8.24
TOTAL	\$10,849,686,754	100.00	\$7,837,509,757	100.00	\$3,012,176,997	100.00

(1) Administration Bldg. Construction Bonds are included in the General Construction Bond statistics throughout this booklet.

(2) The Maryland Water Quality Bonds are issued for Water, Sewer and General Construction projects.

(3) Coupon Rate, which does not include premiums or Build America Bond Subsidies.

WASHINGTON SUBURBAN SANITARY COMMISSION
 WATER, SEWER AND GENERAL NOTE PROGRAM
 AS OF JUNE 30, 2018

On June 24, 2003 the Commission established a new Bond Anticipation Note (BAN) program, the Multi-Modal Bond Anticipation Notes Program, 2003 Series. Notes issued in the new program were initially sold in two separate series (A & B), each backed by a line of credit that acts as a guarantee of liquidity in the event that the notes cannot be remarketed. The notes are remarketed weekly by WSSC's remarketing agents at the prevailing weekly tax-exempt interest rate. The Commission may, under certain conditions of the Note Order, effect a change in rate remarketing mode. On June 7, 2006, WSSC replaced the series "B" with series "A" notes and terminated the line of credit for the series "B" notes. On August 28, 2013, WSSC replaced the series "A" notes with two separate series (A&B), each backed by their own liquidity provider. On August 31, 2016, the Commission issued \$42,500,000 in Series "A" notes and \$52,500,000 in Series "B" notes. The Commission redeemed \$12,400,000 in BANs on June 6, 2018 as part of the water, sewer, and general debt service amortization.

ALLOCATION OF NOTE PROCEEDS

	Notes Outstanding 6/30/17	Notes Issued	Notes Redeemed	Notes Outstanding 6/30/18
Water	\$ 113,700,000	\$ -0-	\$ 6,900,000	\$ 106,800,000
Sewer	57,000,000	-0-	3,400,000	53,600,000
General	31,900,000	-0-	2,100,000	29,800,000
Total Notes	\$ 202,600,000	\$ -0-	\$ 12,400,000	\$ 190,200,000

WASHINGTON SUBURBAN SANITARY COMMISSION
WATER, SEWER AND GENERAL NOTE PROGRAM
ILLUSTRATIVE ANALYSIS OF ESTIMATED DEBT SERVICE ON NOTES OUTSTANDING
AS OF JUNE 30, 2018

ALLOCATION FOR WATER				ALLOCATION FOR SEWER				ALLOCATION FOR GENERAL			
FISCAL	INTEREST	PRINCIPAL	TOTAL(1)	FISCAL	INTEREST	PRINCIPAL	TOTAL(1)	FISCAL	INTEREST	PRINCIPAL	TOTAL(1)
2019	\$3,738,000	\$6,900,000	\$10,638,000	2019	\$1,876,000	\$3,400,000	\$5,276,000	2019	\$1,043,000	\$2,100,000	\$3,143,000
2020	3,496,500	6,900,000	10,396,500	2020	1,757,000	3,400,000	5,157,000	2020	969,500	2,100,000	3,069,500
2021	3,255,000	6,900,000	10,155,000	2021	1,638,000	3,400,000	5,038,000	2021	896,000	2,100,000	2,996,000
2022	4,735,500	6,700,000	11,435,500	2022	2,387,000	3,400,000	5,787,000	2022	1,292,500	2,100,000	3,392,500
2023	4,367,000	6,700,000	11,067,000	2023	2,200,000	3,400,000	5,600,000	2023	1,177,000	2,100,000	3,277,000
2024	3,998,500	6,200,000	10,198,500	2024	2,013,000	3,400,000	5,413,000	2024	1,061,500	1,600,000	2,661,500
2025	3,657,500	6,200,000	9,857,500	2025	1,826,000	3,400,000	5,226,000	2025	973,500	1,600,000	2,573,500
2026	3,316,500	6,200,000	9,516,500	2026	1,639,000	3,200,000	4,839,000	2026	885,500	1,600,000	2,485,500
2027	2,975,500	6,200,000	9,175,500	2027	1,463,000	3,200,000	4,663,000	2027	797,500	1,600,000	2,397,500
2028	2,634,500	6,200,000	8,834,500	2028	1,287,000	3,200,000	4,487,000	2028	709,500	1,600,000	2,309,500
2029	2,293,500	6,200,000	8,493,500	2029	1,111,000	3,200,000	4,311,000	2029	621,500	1,600,000	2,221,500
2030	1,952,500	6,200,000	8,152,500	2030	935,000	3,200,000	4,135,000	2030	533,500	1,600,000	2,133,500
2031	1,611,500	6,200,000	7,811,500	2031	759,000	3,150,000	3,909,000	2031	445,500	1,600,000	2,045,500
2032	1,270,500	6,200,000	7,470,500	2032	585,750	3,150,000	3,735,750	2032	357,500	1,600,000	1,957,500
2033	929,500	5,700,000	6,629,500	2033	412,500	3,100,000	3,512,500	2033	269,500	1,600,000	1,869,500
2034	616,000	4,700,000	5,316,000	2034	242,000	2,400,000	2,642,000	2034	181,500	1,100,000	1,281,500
2035	357,500	3,800,000	4,157,500	2035	110,000	1,100,000	1,210,000	2035	121,000	1,100,000	1,221,000
2036	148,500	2,700,000	2,848,500	2036	49,500	900,000	949,500	2036	60,500	1,100,000	1,160,500
	0	0	0		0	0	0		0	0	0
	<u>\$45,354,000</u>	<u>\$106,800,000</u>	<u>\$152,154,000</u>		<u>\$22,290,750</u>	<u>\$53,600,000</u>	<u>\$75,890,750</u>		<u>\$12,396,000</u>	<u>\$29,800,000</u>	<u>\$42,196,000</u>

(1) The note program allows the notes to be replaced with bonds. For illustrative purposes it is assumed that the interest on notes was computed at an assumed rate of 3.5% and that the remaining outstanding water, sewer and general BAN's as of June 30, 2018 will be redeemed in 3 years by bonds at an assumed rate of 5.5%. The combined life of the bonds and notes will have an equivalent amortization period of 20 years from the original issue date of the notes.

WASHINGTON SUBURBAN SANITARY COMMISSION
 BUILD AMERICA BONDS (BABs) SUBSIDY
 AS OF JUNE 30, 2018

The American Recovery and Reinvestment Act of 2009 created the Build America Bonds program. This program is intended to assist state and local municipalities in issuing debt. One provision of the program is for issuance of taxable Build America Bonds to finance capital expenditures while providing a federal subsidy of 35% of the interest payment to the Issuer. On September 22, 2009, the Commission issued \$180M Consolidated Public Improvement Bonds in two series; \$90M in Tax-Exempt Bonds, Series 2009A and \$90M in Build America Bonds - Direct Payment to the Issuer, Series 2009B. On September 29, 2010, the Commission issued \$240M Consolidated Public Improvement Bonds in two series; \$120M in Tax-Exempt Bonds, Series 2010A and \$120M in Build America Bonds - Direct Payment to the Issuer, Series 2010B. The subsidy for the Series 2009B and 2010B BABs is payable over the life of the respective issues, with the aggregate interest and associated subsidy shown below. Throughout this book, interest rates and interest payable associated with BABs are shown at the coupon rate for the respective maturities.

FISCAL	ALLOCATION FOR WATER(1)			ALLOCATION FOR SEWER(1)			ALLOCATION FOR GENERAL(1)		
	INTEREST PAYMENT	BAB SUBSIDY	NET INTEREST	INTEREST PAYMENT	BAB SUBSIDY	NET INTEREST	INTEREST PAYMENT	BAB SUBSIDY	NET INTEREST
2019	\$4,022,000	(\$1,407,700)	\$2,614,300	\$4,448,000	(\$1,556,800)	\$2,891,200	\$899,000	(\$314,650)	\$584,350
2020	4,022,000	(1,407,700)	2,614,300	4,448,000	(1,556,800)	2,891,200	899,000	(314,650)	584,350
2021	3,848,000	(1,346,800)	2,501,200	4,274,000	(1,495,900)	2,778,100	855,500	(299,425)	556,075
2022	3,494,500	(1,223,075)	2,271,425	3,885,000	(1,359,750)	2,525,250	776,000	(271,600)	504,400
2023	3,129,500	(1,095,325)	2,034,175	3,483,000	(1,219,050)	2,263,950	694,000	(242,900)	451,100
2024	2,751,000	(962,850)	1,788,150	3,066,000	(1,073,100)	1,992,900	609,000	(213,150)	395,850
2025	2,363,000	(827,050)	1,535,950	2,638,000	(923,300)	1,714,700	522,000	(182,700)	339,300
2026	1,961,000	(686,350)	1,274,650	2,194,000	(767,900)	1,426,100	432,000	(151,200)	280,800
2027	1,545,000	(540,750)	1,004,250	1,734,000	(606,900)	1,127,100	339,000	(118,650)	220,350
2028	1,117,500	(391,125)	726,375	1,261,000	(441,350)	819,650	243,500	(85,225)	158,275
2029	682,500	(238,875)	443,625	779,000	(272,650)	506,350	146,500	(51,275)	95,225
2030	242,500	(84,875)	157,625	291,000	(101,850)	189,150	48,500	(16,975)	31,525
	<u>\$29,178,500</u>	<u>(\$10,212,475)</u>	<u>\$18,966,025</u>	<u>\$32,501,000</u>	<u>(\$11,375,350)</u>	<u>\$21,125,650</u>	<u>\$6,464,000</u>	<u>(\$2,262,400)</u>	<u>\$4,201,600</u>

(1) On December 13, 2017, the Commission completed a crossover refunding for the 2009 Build America Bonds - Direct Payment to the Issuer, Series 2009B. The crossover date for the bonds is June 1, 2019, at which time the 2009 BABs, series 2009B will be fully defeased and redeemed.

NOTE: Due to government sequestration enacted in March 2013, the December 1, 2016 and June 1, 2017 BAB subsidies were each reduced by 2.42%. For the purposes of this schedule, we are assuming that the remainder of the subsidy payments will be made at the original 35%.

WASHINGTON SUBURBAN SANITARY COMMISSION
OVERLAPPING DEBT AS OF JUNE 30, 2018

PRINCE GEORGE'S COUNTY

TOTAL WSSC OUTSTANDING DEBT

General Construction, Water Supply, Sewage Disposal, Maryland Water Quality Bonds
and Notes

\$3,202,376,997 X 26.43% (1)

\$ 846,388,240

Total Prince George's County Portion

846,388,240

MONTGOMERY COUNTY

TOTAL WSSC OUTSTANDING DEBT

General Construction, Water Supply, Sewage Disposal, Maryland Water Quality Bonds
and Notes

\$3,202,376,997 X 73.57% (1)

\$ 2,355,988,757

Total Montgomery County Portion

2,355,988,757

TOTAL DEBT

\$ 3,202,376,997

(1) Apportionment of assessed valuation as of 6/30/17 for Prince George's County and Montgomery County for taxation purposes.

	<u>AMOUNT</u>	<u>PERCENT</u>
Prince George's County	\$74,425,588,947	26.43
Montgomery County	207,172,004,885	73.57
Total Apportionment	<u>\$281,597,593,832</u>	<u>100.00</u>

SUMMARY OF DEBT SERVICE OUTSTANDING
BY TYPES OF BONDS ISSUED
AS OF JUNE 30, 2018

	INTEREST	BABs SUBSIDY (2)	PRINCIPAL	TOTAL
GENERAL CONSTRUCTION BONDS	\$28,893,385.53	(\$2,262,400.00)	\$142,209,641.46	\$168,840,626.99
WATER SUPPLY BONDS	589,912,240.53	(10,212,475.00)	1,153,563,854.10	1,733,263,619.63
SEWAGE DISPOSAL BONDS	748,362,340.99	(11,375,350.00)	1,468,276,504.54	2,205,263,495.53
MARYLAND WATER QUALITY BONDS (1)	18,054,022.77	0.00	248,126,997.00	266,181,019.77
TOTAL	\$1,385,221,989.82	(\$23,850,225.00)	\$3,012,176,997.10	\$4,373,548,761.92

(1) State of Maryland municipal bonds issued to provide funds for the design, construction, reconstruction, extension or enlargement of the water and sewerage systems of WSSC.

(2) Due to government sequestration enacted in March 2013, the December 1, 2017 and June 1, 2018 BAB subsidies were each reduced by 2.42%. For the purposes of this schedule, we are assuming that the remainder of the subsidy payments will be made at the original 35%.

DEBT SERVICE PAYABLE ON ALL BONDS OUTSTANDING
AS OF JUNE 30, 2018

FISCAL	INTEREST	BABs SUBSIDY (1)	PRINCIPAL	TOTAL
2019	\$114,494,904.60	(\$3,279,150.00)	\$147,502,111.00	\$258,717,865.60
2020	108,118,298.60	(3,279,150.00)	160,372,787.00	265,211,935.60
2021	101,267,863.02	(3,142,125.00)	158,917,790.00	257,043,528.02
2022	94,910,292.76	(2,854,425.00)	152,496,230.00	244,552,097.76
2023	88,703,543.84	(2,557,275.00)	150,338,823.00	236,485,091.84
2024	82,587,458.71	(2,249,100.00)	150,225,455.00	230,563,813.71
2025	76,550,339.54	(1,933,050.00)	150,504,592.00	225,121,881.54
2026	71,097,366.36	(1,605,450.00)	143,747,946.00	213,239,862.36
2027	66,039,357.81	(1,266,300.00)	140,708,213.00	205,481,270.81
2028	60,956,913.76	(917,700.00)	139,069,767.00	199,108,980.76
2029	55,943,176.35	(562,800.00)	131,644,869.00	187,025,245.35
2030	51,385,701.97	(203,700.00)	114,991,161.00	166,173,162.97
2031	47,470,364.65	0.00	104,938,755.00	152,409,119.65
2032	44,112,322.60	0.00	92,326,778.00	136,439,100.60
2033	41,120,998.20	0.00	74,555,842.00	115,676,840.20
2034	38,592,792.50	0.00	76,234,785.00	114,827,577.50
2035	36,055,964.34	0.00	66,316,947.00	102,372,911.34
2036	33,374,176.56	0.00	67,150,881.00	100,525,057.56
2037	30,759,250.27	0.00	69,565,940.00	100,325,190.27
2038	28,018,705.77	0.00	72,140,999.00	100,159,704.77
2039	25,036,139.96	0.00	74,991,059.00	100,027,198.96
2040	22,088,140.45	0.00	77,785,267.00	99,873,407.45
2041	19,030,218.32	0.00	80,695,000.00	99,725,218.32
2042	15,858,048.62	0.00	83,725,000.00	99,583,048.62
2043	12,573,033.34	0.00	86,870,000.00	99,443,033.34
2044	9,290,288.60	0.00	90,010,000.10	99,300,288.70
2045	5,816,403.61	0.00	74,230,000.00	80,046,403.61
2046	2,989,906.94	0.00	54,480,000.00	57,469,906.94
2047	980,017.77	0.00	25,640,000.00	26,620,017.77
	<u>\$1,385,221,989.82</u>	<u>(\$23,850,225.00)</u>	<u>\$3,012,176,997.10</u>	<u>\$4,373,548,761.92</u>

(1) Due to government sequestration enacted in March 2013, the December 1, 2017 and June 1, 2018 BAB subsidies were each reduced by 2.42%. For the purposes of this schedule, we are assuming that the remainder of the subsidy payments will be made at the original 35%.

DEBT SERVICE PAYABLE ON GENERAL CONSTRUCTION BONDS
OUTSTANDING AS OF JUNE 30, 2018

FISCAL	INTEREST	BABs SUBSIDY (1)	PRINCIPAL	TOTAL
2019	\$6,123,086.52	(\$314,650.00)	\$21,592,477.20	\$27,400,913.72
2020	5,106,425.92	(314,650.00)	19,471,493.03	24,263,268.95
2021	4,222,200.13	(299,425.00)	17,754,065.14	21,676,840.27
2022	3,436,251.03	(271,600.00)	15,098,509.62	18,263,160.65
2023	2,765,591.87	(242,900.00)	13,510,816.88	16,033,508.75
2024	2,139,396.48	(213,150.00)	11,866,908.87	13,793,155.35
2025	1,625,437.09	(182,700.00)	10,642,918.15	12,085,655.24
2026	1,213,368.97	(151,200.00)	7,057,526.56	8,119,695.53
2027	945,948.29	(118,650.00)	7,137,044.65	7,964,342.94
2028	669,583.40	(85,225.00)	7,222,881.36	7,807,239.76
2029	391,250.00	(51,275.00)	5,690,000.00	6,029,975.00
2030	165,120.83	(16,975.00)	2,715,000.00	2,863,145.83
2031	69,237.50	0.00	1,705,000.00	1,774,237.50
2032	20,487.50	0.00	745,000.00	765,487.50
2033	0.00	0.00	0.00	0.00
	<u>\$28,893,385.53</u>	<u>(\$2,262,400.00)</u>	<u>\$142,209,641.46</u>	<u>\$168,840,626.99</u>

(1) Due to government sequestration enacted in March 2013, the December 1, 2017 and June 1, 2018 BAB subsidies were each reduced by 2.42%. For the purposes of this schedule, we are assuming that the remainder of the subsidy payments will be made at the original 35%.

DEBT SERVICE PAYABLE ON WATER SUPPLY BONDS
OUTSTANDING AS OF JUNE 30, 2018

FISCAL	INTEREST	BABs SUBSIDY (1)	PRINCIPAL	TOTAL
2019	\$46,868,920.79	(\$1,407,700.00)	\$48,229,116.88	\$93,690,337.67
2020	44,611,504.90	(1,407,700.00)	54,957,019.68	98,160,824.58
2021	42,054,102.97	(1,346,800.00)	54,514,527.50	95,221,830.47
2022	39,653,222.77	(1,223,075.00)	54,261,173.50	92,691,321.27
2023	37,240,315.85	(1,095,325.00)	54,565,332.75	90,710,323.60
2024	34,807,050.75	(962,850.00)	55,458,850.02	89,303,050.77
2025	32,354,532.15	(827,050.00)	56,418,846.00	87,946,328.15
2026	30,145,168.31	(686,350.00)	55,155,619.89	84,614,438.20
2027	28,054,752.56	(540,750.00)	53,410,105.99	80,924,108.55
2028	25,960,017.30	(391,125.00)	51,623,078.63	77,191,970.93
2029	23,919,095.81	(238,875.00)	47,642,194.40	71,322,415.21
2030	22,099,011.08	(84,875.00)	40,645,909.55	62,660,045.63
2031	20,544,404.51	0.00	36,456,868.76	57,001,273.27
2032	19,222,506.01	0.00	32,761,182.98	51,983,688.99
2033	18,010,113.60	0.00	26,202,490.21	44,212,603.81
2034	16,965,244.58	0.00	27,139,890.44	44,105,135.02
2035	15,896,971.91	0.00	28,103,982.75	44,000,954.66
2036	14,725,001.69	0.00	29,181,730.07	43,906,731.76
2037	13,585,106.27	0.00	30,226,925.40	43,812,031.67
2038	12,389,341.85	0.00	31,335,006.76	43,724,348.61
2039	11,082,035.29	0.00	32,574,967.13	43,657,002.42
2040	9,794,092.83	0.00	33,779,721.44	43,573,814.27
2041	8,458,505.73	0.00	35,040,030.77	43,498,536.50
2042	7,073,164.05	0.00	36,349,726.10	43,422,890.15
2043	5,639,035.84	0.00	37,708,876.45	43,347,912.29
2044	4,211,568.58	0.00	39,057,543.92	43,269,112.50
2045	2,689,498.40	0.00	33,935,532.87	36,625,031.27
2046	1,387,545.62	0.00	24,520,403.26	25,907,948.88
2047	470,408.53	0.00	12,307,200.00	12,777,608.53
	<u>\$589,912,240.53</u>	<u>(\$10,212,475.00)</u>	<u>\$1,153,563,854.10</u>	<u>\$1,733,263,619.63</u>

(1) Due to government sequestration enacted in March 2013, the December 1, 2017 and June 1, 2018 BAB subsidies were each reduced by 2.42%. For the purposes of this schedule, we are assuming that the remainder of the subsidy payments will be made at the original 35%.

DEBT SERVICE PAYABLE ON SEWAGE DISPOSAL BONDS
OUTSTANDING AS OF JUNE 30, 2018

FISCAL	INTEREST	BABs SUBSIDY (1)	PRINCIPAL	TOTAL
2019	\$59,215,067.53	(\$1,556,800.00)	\$61,813,405.92	\$119,471,673.45
2020	56,245,816.28	(1,556,800.00)	67,491,487.29	122,180,503.57
2021	53,041,462.90	(1,495,900.00)	68,066,407.36	119,611,970.26
2022	50,057,791.35	(1,359,750.00)	66,290,316.88	114,988,358.23
2023	47,096,835.20	(1,219,050.00)	65,283,850.37	111,161,635.57
2024	44,200,631.10	(1,073,100.00)	66,469,241.11	109,596,772.21
2025	41,283,375.07	(923,300.00)	67,748,235.85	108,108,310.92
2026	38,592,782.59	(767,900.00)	67,491,853.55	105,316,736.14
2027	36,023,413.19	(606,900.00)	65,987,849.36	101,404,362.55
2028	33,444,165.27	(441,350.00)	65,919,040.01	98,921,855.28
2029	30,881,886.83	(272,650.00)	64,162,805.60	94,772,042.43
2030	28,502,460.79	(101,850.00)	57,349,090.45	85,749,701.24
2031	26,370,753.40	0.00	52,363,131.24	78,733,884.64
2032	24,516,841.23	0.00	44,608,817.02	69,125,658.25
2033	22,891,574.30	0.00	34,097,509.79	56,989,084.09
2034	21,538,826.25	0.00	35,315,109.56	56,853,935.81
2035	20,150,144.91	0.00	36,576,017.25	56,726,162.16
2036	18,648,957.90	0.00	37,963,269.93	56,612,227.83
2037	17,173,986.09	0.00	39,333,074.60	56,507,060.69
2038	15,629,265.65	0.00	40,799,993.24	56,429,258.89
2039	13,954,066.65	0.00	42,410,032.87	56,364,099.52
2040	12,294,046.06	0.00	44,005,278.56	56,299,324.62
2041	10,571,712.59	0.00	45,654,969.23	56,226,681.82
2042	8,784,884.57	0.00	47,375,273.90	56,160,158.47
2043	6,933,997.50	0.00	49,161,123.55	56,095,121.05
2044	5,078,720.02	0.00	50,952,456.18	56,031,176.20
2045	3,126,905.21	0.00	40,294,467.13	43,421,372.34
2046	1,602,361.32	0.00	29,959,596.74	31,561,958.06
2047	509,609.24	0.00	13,332,800.00	13,842,409.24
	<u>\$748,362,340.99</u>	<u>(\$11,375,350.00)</u>	<u>\$1,468,276,504.54</u>	<u>\$2,205,263,495.53</u>

(1) Due to government sequestration enacted in March 2013, the December 1, 2017 and June 1, 2018 BAB subsidies were each reduced by 2.42%. For the purposes of this schedule, we are assuming that the remainder of the subsidy payments will be made at the original 35%.

DEBT SERVICE ON ALL MARYLAND WATER QUALITY BONDS(1)
OUTSTANDING AS OF JUNE 30, 2018

FISCAL	INTEREST	PRINCIPAL	TOTAL
2019	\$2,287,829.76	\$15,867,111.00	\$18,154,940.76
2020	2,154,551.50	18,452,787.00	20,607,338.50
2021	1,950,097.02	18,582,790.00	20,532,887.02
2022	1,763,027.61	16,846,230.00	18,609,257.61
2023	1,600,800.92	16,978,823.00	18,579,623.92
2024	1,440,380.38	16,430,455.00	17,870,835.38
2025	1,286,995.23	15,694,592.00	16,981,587.23
2026	1,146,046.49	14,042,946.00	15,188,992.49
2027	1,015,243.77	14,173,213.00	15,188,456.77
2028	883,147.79	14,304,767.00	15,187,914.79
2029	750,943.71	14,149,869.00	14,900,812.71
2030	619,109.27	14,281,161.00	14,900,270.27
2031	485,969.24	14,413,755.00	14,899,724.24
2032	352,487.86	14,211,778.00	14,564,265.86
2033	219,310.30	14,255,842.00	14,475,152.30
2034	88,721.67	13,779,785.00	13,868,506.67
2035	8,847.52	1,636,947.00	1,645,794.52
2036	216.97	5,881.00	6,097.97
2037	157.91	5,940.00	6,097.91
2038	98.27	5,999.00	6,097.27
2039	38.02	6,059.00	6,097.02
2040	1.56	267.00	268.56
	<u>\$18,054,022.77</u>	<u>\$248,126,997.00</u>	<u>\$266,181,019.77</u>

(1) State of Maryland municipal bonds issued to provide funds for Water, Sewer and General Construction projects.

WASHINGTON SUBURBAN SANITARY COMMISSION
SUMMARY STATEMENT OF MARYLAND WATER QUALITY BONDS BY PROJECT
OUTSTANDING AS OF JUNE 30, 2018
(INCLUDES ALL OPEN AND CLOSED PROJECTS)

PROJECT	STATUS	AGGREGATE INTEREST	AGGREGATE PRINCIPAL	AGGREGATE TOTAL
Consolidated Laboratory Facility	Closed	\$66,062.07	\$1,738,478.00	\$1,804,540.07
Potomac Water Filtration Plant Solids Handling	Closed	115,351.83	3,035,572.00	3,150,923.83
Piscataway WWTP Biological Nutrient Removal	Closed	31,521.00	829,500.00	861,021.00
Blue Plains WWTP Additional Chemical Systems	Closed	573,439.05	14,886,030.00	15,459,469.05
Piscataway WWTP Sludge Dewatering Upgrade	Closed	93,610.02	2,760,000.00	2,853,610.02
Sewerage Energy Performance Projects	Closed	94,615.77	3,301,625.00	3,396,240.77
Western Branch WWTP Filter Upgrade	Closed	140,777.86	2,725,395.00	2,866,172.86
Western Branch & Seneca WWTP ENR and Facility Upgrade	Closed	2,666,464.66	40,388,198.00	43,054,662.66
Blue Plains WWTP ENR Upgrade (Tunnel) & New Digestion Facilities	Closed	7,031,119.98	106,498,409.00	113,529,528.98
Blue Plains WWTP New Digestion Facilities - Combined Heat & Power (CHP)	Closed	905,495.73	12,899,518.00	13,805,013.73
Blue Plains WWTP New Digestion Facilities - Combined Heat & Power (CHP) 2nd Loan	Closed	1,141,200.30	12,935,806.00	14,077,006.30
Potomac Vista Water System Project	Closed	12,692.15	115,670.00	128,362.15
Blue Plains WWTP New Digestion Facilities - Combined Heat & Power (CHP) 3rd Loan	Open	254,013.99	5,340,372.00	5,594,385.99
Blue Plains WWTP ENR Upgrade - ECF & TDPS	Open	4,927,658.36	40,672,424.00	45,600,082.36
		<u>\$18,054,022.77</u>	<u>\$248,126,997.00</u>	<u>\$266,181,019.77</u>

DEBT SERVICE ON MARYLAND WATER QUALITY BONDS
CONSOLIDATED LABORATORY FACILITY
OUTSTANDING AS OF JUNE 30, 2018

FISCAL	INTEREST	PRINCIPAL	TOTAL
2019	\$35,928.53	\$579,494.00	\$615,422.53
2020	22,020.68	579,494.00	601,514.68
2021	8,112.86	579,490.00	587,602.86
	<u>\$66,062.07</u>	<u>\$1,738,478.00</u>	<u>\$1,804,540.07</u>

DEBT SERVICE ON MARYLAND WATER QUALITY BONDS
 POTOMAC WATER FILTRATION PLANT SOLIDS HANDLING
 OUTSTANDING AS OF JUNE 30, 2018

FISCAL	INTEREST	PRINCIPAL	TOTAL
2019	\$62,735.17	\$1,011,856.00	\$1,074,591.17
2020	38,450.62	1,011,856.00	1,050,306.62
2021	14,166.04	1,011,860.00	1,026,026.04
	<u>\$115,351.83</u>	<u>\$3,035,572.00</u>	<u>\$3,150,923.83</u>

DEBT SERVICE ON MARYLAND WATER QUALITY BONDS
PISCATAWAY WWTP BIOLOGICAL NUTRIENT REMOVAL
OUTSTANDING AS OF JUNE 30, 2018

FISCAL	INTEREST	PRINCIPAL	TOTAL
2019	\$17,143.00	\$276,500.00	\$293,643.00
2020	10,507.00	276,500.00	287,007.00
2021	3,871.00	276,500.00	280,371.00
	<u>\$31,521.00</u>	<u>\$829,500.00</u>	<u>\$861,021.00</u>

DEBT SERVICE ON MARYLAND WATER QUALITY BONDS
 BLUE PLAINS WWTP ADDITIONAL CHEMICAL SYSTEMS
 OUTSTANDING AS OF JUNE 30, 2018

FISCAL	INTEREST	PRINCIPAL	TOTAL
2019	\$153,735.26	\$2,184,232.00	\$2,337,967.26
2020	129,708.71	2,184,232.00	2,313,940.71
2021	105,682.16	2,184,232.00	2,289,914.16
2022	81,655.61	2,184,232.00	2,265,887.61
2023	57,629.05	2,184,232.00	2,241,861.05
2024	33,602.50	2,184,232.00	2,217,834.50
2025	11,425.76	1,780,638.00	1,792,063.76
	<u>\$573,439.05</u>	<u>\$14,886,030.00</u>	<u>\$15,459,469.05</u>

DEBT SERVICE ON MARYLAND WATER QUALITY BONDS
PISCATAWAY WWTP SLUDGE DEWATERING UPGRADE
OUTSTANDING AS OF JUNE 30, 2018

FISCAL	INTEREST	PRINCIPAL	TOTAL
2019	\$28,251.67	\$460,000.00	\$488,251.67
2020	23,191.67	460,000.00	483,191.67
2021	18,131.67	460,000.00	478,131.67
2022	13,071.67	460,000.00	473,071.67
2023	8,011.67	460,000.00	468,011.67
2024	2,951.67	460,000.00	462,951.67
	<u>\$93,610.02</u>	<u>\$2,760,000.00</u>	<u>\$2,853,610.02</u>

DEBT SERVICE ON MARYLAND WATER QUALITY BONDS
SEWERAGE ENERGY PERFORMANCE PROJECTS
OUTSTANDING AS OF JUNE 30, 2018

FISCAL	INTEREST	PRINCIPAL	TOTAL
2019	\$33,357.24	\$645,957.00	\$679,314.24
2020	26,219.15	653,062.00	679,281.15
2021	19,002.54	660,246.00	679,248.54
2022	11,706.55	667,509.00	679,215.55
2023	4,330.29	674,851.00	679,181.29
	<u>\$94,615.77</u>	<u>\$3,301,625.00</u>	<u>\$3,396,240.77</u>

DEBT SERVICE ON MARYLAND WATER QUALITY BONDS
 WESTERN BRANCH WASTEWATER TREATMENT PLANT FILTER UPGRADE
 OUTSTANDING AS OF JUNE 30, 2018

FISCAL	INTEREST	PRINCIPAL	TOTAL
2019	\$26,168.55	\$260,499.00	\$286,667.55
2020	23,552.70	263,104.00	286,656.70
2021	20,910.70	265,735.00	286,645.70
2022	18,242.28	268,392.00	286,634.28
2023	15,547.17	271,076.00	286,623.17
2024	12,825.11	273,787.00	286,612.11
2025	10,075.83	276,525.00	286,600.83
2026	7,299.06	279,290.00	286,589.06
2027	4,494.52	282,083.00	286,577.52
2028	1,661.94	284,904.00	286,565.94
	<u>\$140,777.86</u>	<u>\$2,725,395.00</u>	<u>\$2,866,172.86</u>

DEBT SERVICE ON MARYLAND WATER QUALITY BONDS
 WESTERN BRANCH & SENECA WWTP ENR AND FACILITY UPGRADE
 OUTSTANDING AS OF JUNE 30, 2018

FISCAL	INTEREST	PRINCIPAL	TOTAL
2019	\$315,184.84	\$2,376,225.00	\$2,691,409.84
2020	296,111.67	2,395,235.00	2,691,346.67
2021	276,885.92	2,414,397.00	2,691,282.92
2022	257,506.36	2,433,712.00	2,691,218.36
2023	237,971.76	2,453,182.00	2,691,153.76
2024	218,280.90	2,472,807.00	2,691,087.90
2025	198,432.49	2,492,589.00	2,691,021.49
2026	178,425.31	2,512,530.00	2,690,955.31
2027	158,258.06	2,532,630.00	2,690,888.06
2028	137,929.49	2,552,892.00	2,690,821.49
2029	117,438.28	2,573,315.00	2,690,753.28
2030	96,783.14	2,593,901.00	2,690,684.14
2031	75,962.76	2,614,652.00	2,690,614.76
2032	54,975.82	2,635,570.00	2,690,545.82
2033	33,820.97	2,656,654.00	2,690,474.97
2034	12,496.89	2,677,907.00	2,690,403.89
	<u>\$2,666,464.66</u>	<u>\$40,388,198.00</u>	<u>\$43,054,662.66</u>

DEBT SERVICE ON MARYLAND WATER QUALITY BONDS
 BLUE PLAINS WWTP ENR UPGRADE (TUNNEL) & NEW DIGESTION FACILITIES
 OUTSTANDING AS OF JUNE 30, 2018

FISCAL	INTEREST	PRINCIPAL	TOTAL
2019	\$831,101.29	\$6,265,796.00	\$7,096,897.29
2020	780,807.84	6,315,922.00	7,096,729.84
2021	730,112.04	6,366,449.00	7,096,561.04
2022	679,010.67	6,417,381.00	7,096,391.67
2023	627,500.50	6,468,720.00	7,096,220.50
2024	575,578.24	6,520,470.00	7,096,048.24
2025	523,240.61	6,572,633.00	7,095,873.61
2026	470,484.27	6,625,214.00	7,095,698.27
2027	417,305.88	6,678,216.00	7,095,521.88
2028	363,702.06	6,731,642.00	7,095,344.06
2029	309,669.42	6,785,495.00	7,095,164.42
2030	255,204.51	6,839,779.00	7,094,983.51
2031	200,304.39	6,894,497.00	7,094,801.39
2032	144,964.06	6,949,653.00	7,094,617.06
2033	89,181.50	7,005,250.00	7,094,431.50
2034	32,952.70	7,061,292.00	7,094,244.70
	<u>\$7,031,119.98</u>	<u>\$106,498,409.00</u>	<u>\$113,529,528.98</u>

DEBT SERVICE ON MARYLAND WATER QUALITY BONDS
 BLUE PLAINS WWTP NEW DIGESTION FACILITIES - CHP
 OUTSTANDING AS OF JUNE 30, 2018

FISCAL	INTEREST	PRINCIPAL	TOTAL
2019	\$100,824.84	\$711,393.00	\$812,217.84
2020	95,114.73	717,084.00	812,198.73
2021	89,358.93	722,821.00	812,179.93
2022	83,557.09	728,603.00	812,160.09
2023	77,708.84	734,432.00	812,140.84
2024	71,813.80	740,307.00	812,120.80
2025	65,871.59	746,230.00	812,101.59
2026	59,881.85	752,200.00	812,081.85
2027	53,844.20	758,217.00	812,061.20
2028	47,758.24	764,283.00	812,041.24
2029	41,623.59	770,397.00	812,020.59
2030	35,439.87	776,561.00	812,000.87
2031	29,206.68	782,773.00	811,979.68
2032	22,923.62	789,035.00	811,958.62
2033	16,590.30	795,348.00	811,938.30
2034	10,206.31	801,710.00	811,916.31
2035	3,771.25	808,124.00	811,895.25
	<u>\$905,495.73</u>	<u>\$12,899,518.00</u>	<u>\$13,805,013.73</u>

DEBT SERVICE ON MARYLAND WATER QUALITY BONDS
 BLUE PLAINS WWTP NEW DIGESTION FACILITIES - CHP (2nd Loan)
 OUTSTANDING AS OF JUNE 30, 2018

FISCAL	INTEREST	PRINCIPAL	TOTAL
2019	\$126,433.59	\$701,872.00	\$828,305.59
2020	119,385.63	708,890.00	828,275.63
2021	112,267.19	715,979.00	828,246.19
2022	105,077.57	723,139.00	828,216.57
2023	97,816.04	730,371.00	828,187.04
2024	90,481.91	737,674.00	828,155.91
2025	83,074.43	745,051.00	828,125.43
2026	75,592.88	752,501.00	828,093.88
2027	68,036.51	760,027.00	828,063.51
2028	60,404.58	767,627.00	828,031.58
2029	52,696.32	775,303.00	827,999.32
2030	44,910.99	783,056.00	827,966.99
2031	37,047.80	790,887.00	827,934.80
2032	29,105.98	798,795.00	827,900.98
2033	21,084.75	806,783.00	827,867.75
2034	12,983.30	814,851.00	827,834.30
2035	4,800.83	823,000.00	827,800.83
	<u>\$1,141,200.30</u>	<u>\$12,935,806.00</u>	<u>\$14,077,006.30</u>

DEBT SERVICE ON MARYLAND WATER QUALITY BONDS
 POTOMAC VISTA WATER SYSTEM
 OUTSTANDING AS OF JUNE 30, 2018

FISCAL	INTEREST	PRINCIPAL	TOTAL
2019	\$1,136.03	\$4,966.00	\$6,102.03
2020	1,086.16	5,016.00	6,102.16
2021	1,035.80	5,066.00	6,101.80
2022	984.93	5,116.00	6,100.93
2023	933.55	5,168.00	6,101.55
2024	881.66	5,219.00	6,100.66
2025	829.25	5,271.00	6,100.25
2026	776.32	5,324.00	6,100.32
2027	722.85	5,377.00	6,099.85
2028	668.86	5,431.00	6,099.86
2029	614.32	5,486.00	6,100.32
2030	559.24	5,540.00	6,099.24
2031	503.60	5,596.00	6,099.60
2032	447.41	5,652.00	6,099.41
2033	390.66	5,708.00	6,098.66
2034	333.34	5,765.00	6,098.34
2035	275.44	5,823.00	6,098.44
2036	216.97	5,881.00	6,097.97
2037	157.91	5,940.00	6,097.91
2038	98.27	5,999.00	6,097.27
2039	38.02	6,059.00	6,097.02
2040	1.56	267.00	268.56
	\$12,692.15	\$115,670.00	\$128,362.15

DEBT SERVICE ON MARYLAND WATER QUALITY BONDS
 BLUE PLAINS WWTP NEW DIGESTION FACILITIES - CHP (3rd Loan)
 OUTSTANDING AS OF JUNE 30, 2018
 (SEWER FUND PROJECT IS NOT COMPLETE, FIGURES ARE INTERIM)

FISCAL	INTEREST	PRINCIPAL	TOTAL
2019	\$36,252.92	\$387,321.00	\$423,573.92
2020	33,533.77	390,032.00	423,565.77
2021	30,795.58	392,762.00	423,557.58
2022	28,038.23	395,511.00	423,549.23
2023	25,261.57	398,280.00	423,541.57
2024	22,465.48	401,068.00	423,533.48
2025	19,649.81	403,876.00	423,525.81
2026	16,814.44	406,703.00	423,517.44
2027	13,959.22	409,550.00	423,509.22
2028	11,084.01	412,416.00	423,500.01
2029	8,188.67	415,303.00	423,491.67
2030	5,273.07	418,210.00	423,483.07
2031	2,337.06	421,138.00	423,475.06
2032	360.16	88,202.00	88,562.16
	<u>\$254,013.99</u>	<u>\$5,340,372.00</u>	<u>\$5,594,385.99</u>

DEBT SERVICE ON MARYLAND WATER QUALITY BONDS
 BLUE PLAINS WWTP ENR UPGRADE ECF & TDPS
 OUTSTANDING AS OF JUNE 30, 2018
 (SEWER FUND PROJECT IS NOT COMPLETE, FIGURES ARE INTERIM)

FISCAL	INTEREST	PRINCIPAL	TOTAL
2019	\$519,576.83	\$1,000.00	\$520,576.83
2020	554,861.17	2,492,360.00	3,047,221.17
2021	519,764.59	2,527,253.00	3,047,017.59
2022	484,176.65	2,562,635.00	3,046,811.65
2023	448,090.48	2,598,511.00	3,046,601.48
2024	411,499.11	2,634,891.00	3,046,390.11
2025	374,395.46	2,671,779.00	3,046,174.46
2026	336,772.36	2,709,184.00	3,045,956.36
2027	298,622.53	2,747,113.00	3,045,735.53
2028	259,938.61	2,785,572.00	3,045,510.61
2029	220,713.11	2,824,570.00	3,045,283.11
2030	180,938.45	2,864,114.00	3,045,052.45
2031	140,606.95	2,904,212.00	3,044,818.95
2032	99,710.81	2,944,871.00	3,044,581.81
2033	58,242.12	2,986,099.00	3,044,341.12
2034	19,749.13	2,418,260.00	2,438,009.13
	<u>\$4,927,658.36</u>	<u>\$40,672,424.00</u>	<u>\$45,600,082.36</u>

WASHINGTON SUBURBAN SANITARY COMMISSION
FISCAL YEAR 2019 CASH DEBT SERVICE PAYMENTS FOR BONDS
AS OF JUNE 30, 2018

	7/1/2018	8/1/2018	9/1/2018	10/1/2018	11/1/2018	12/1/2018*	1/1/2019	2/1/2019	3/1/2019	4/1/2019	5/1/2019	6/1/2019**
GENERAL CONSTRUCTION												
PRINCIPAL	0	0	0	0	0	\$0	0	0	0	0	0	\$21,592,477
INTEREST	0	0	0	0	0	3,104,376	0	0	0	0	0	2,884,751
MONTHLY TOTAL	0	0	0	0	0	3,104,376	0	0	0	0	0	24,477,228
CUMULATIVE TOTAL	0	0	0	0	0	3,104,376	3,104,376	3,104,376	3,104,376	3,104,376	3,104,376	27,581,604
WATER SUPPLY												
PRINCIPAL	0	0	0	0	0	0	0	0	0	0	0	48,229,117
INTEREST	0	0	0	0	0	23,523,665	0	0	0	0	0	22,645,040
MONTHLY TOTAL	0	0	0	0	0	23,523,665	0	0	0	0	0	70,874,156
CUMULATIVE TOTAL	0	0	0	0	0	23,523,665	23,523,665	23,523,665	23,523,665	23,523,665	23,523,665	94,397,821
SEWAGE DISPOSAL												
PRINCIPAL	0	0	0	0	0	0	0	0	0	0	0	61,813,406
INTEREST	0	0	0	0	0	29,726,317	0	0	0	0	0	28,847,692
MONTHLY TOTAL	0	0	0	0	0	29,726,317	0	0	0	0	0	90,661,098
CUMULATIVE TOTAL	0	0	0	0	0	29,726,317	29,726,317	29,726,317	29,726,317	29,726,317	29,726,317	120,387,415
MARYLAND WATER QUALITY												
PRINCIPAL	0	0	0	0	0	0	0	15,867,110	0	0	0	0
INTEREST	0	2,164,002	0	0	0	0	0	1,183,972	0	0	0	0
MONTHLY TOTAL	0	2,164,002	0	0	0	0	0	17,051,082	0	0	0	0
CUMULATIVE TOTAL	0	2,164,002	2,164,002	2,164,002	2,164,002	2,164,002	2,164,002	19,215,084	19,215,084	19,215,084	19,215,084	19,215,084
ALL FUNDS												
PRINCIPAL	0	0	0	0	0	0	0	15,867,110	0	0	0	131,635,000
INTEREST	0	2,164,002	0	0	0	56,354,357	0	1,183,972	0	0	0	54,377,482
MONTHLY TOTAL	0	2,164,002	0	0	0	56,354,357	0	17,051,082	0	0	0	186,012,482
CUMULATIVE TOTAL	\$0	\$2,164,002	\$2,164,002	\$2,164,002	\$2,164,002	\$58,518,359	\$58,518,359	\$75,569,441	\$75,569,441	\$75,569,441	\$75,569,441	\$261,581,923

* Includes payment for 12/15/18.

** Includes payment for 6/15/19.

NOTE: Interest figures do not include BABs subsidy.

**STATEMENT OF BONDS PAYABLE
AS OF JUNE 30, 2018
GENERAL CONSTRUCTION BONDS**

SERIES	DATE OF ISSUE	AMOUNT ISSUED	MATURITY DATE	AMOUNT OUTSTANDING	INTEREST RATE	BALANCE JUNE 30, 2018
01/01/97 Refunding	Jan 1, 1997	\$ 43,320,000	Jun 1, 2018	\$ 3,940,000	6.000	\$ 3,940,000
09/15/09 (Series A)** ***	Sep 15, 2009	10,000,000	Jun 1, 2019	1,000,000	4.000	1,000,000
09/15/09 (Series B)** ***	Sep 15, 2009	10,000,000	Jun 1, 2020	1,000,000	4.350	
			2021	1,000,000	4.400	
			2022	1,000,000	4.500	
			2023	1,000,000	4.650	
			2024	1,000,000	4.700	
			2025	1,000,000	4.800	
			2026	1,000,000	4.900	
			2027	1,000,000	5.000	
			2028	1,000,000	5.000	
			2029	1,000,000	5.000	10,000,000
11/25/09 Refunding**	Nov 25, 2009	11,935,000	Jun 1, 2019	715,000	5.000	
			2020	745,000	5.000	
			2021	780,000	4.000	
			2022	800,000	4.000	
			2023	825,000	3.500	
			2024	855,000	3.500	
			2025	885,000	4.000	
			2026	920,000	4.000	
			2027	955,000	4.000	
			2028	995,000	4.000	
			2029	1,030,000	4.000	9,505,000
09/29/10 (Series A)** ***	Sep 29, 2010	10,000,000	Jun 1, 2019	1,000,000	4.000	
			2020	1,000,000	4.000	2,000,000
09/29/10 (Series B)** ***	Sep 29, 2010	10,000,000	Jun 1, 2021	1,000,000	3.550	
			2022	1,000,000	3.700	
			2023	1,000,000	3.850	
			2024	1,000,000	4.000	
			2025	1,000,000	4.200	
			2026	1,000,000	4.400	

** Consolidated Public Improvement Bonds

*** Build America Bonds. See page 4 for more details.

**STATEMENT OF BONDS PAYABLE
AS OF JUNE 30, 2018
GENERAL CONSTRUCTION BONDS**

SERIES	DATE OF ISSUE	AMOUNT ISSUED	MATURITY DATE	AMOUNT OUTSTANDING	INTEREST RATE	BALANCE JUNE 30, 2018
09/29/10 (Series B)** ***	Sep 29, 2010	(cont'd)	Jun 1, 2027	1,000,000	4.550	10,000,000
			2028	1,000,000	4.700	
			2029	1,000,000	4.800	
			2030	1,000,000	4.850	
11/16/11* **	Nov 16, 2011	20,000,000	Jun 1, 2019	1,000,000	5.000	3,000,000
			2020	1,000,000	5.000	
			2021	1,000,000	3.000	
11/15/12**	Nov 15, 2012	10,000,000	Jun 1, 2019	500,000	5.000	7,000,000
			2020	500,000	5.000	
			2021	500,000	5.000	
			2022	500,000	3.000	
			2023	500,000	3.000	
			2024	500,000	3.000	
			2025	500,000	3.000	
			2026	500,000	3.000	
			2027	500,000	3.000	
			2028	500,000	3.000	
			2029	500,000	3.000	
			2030	500,000	3.000	
			2031	500,000	3.000	
2032	500,000	3.000				
04/23/13* **	Apr 23, 2013	5,000,000	Jun 1, 2019	250,000	5.000	1,250,000
			2020	250,000	5.000	
			2021	250,000	5.000	
			2022	250,000	5.000	
			2023	250,000	4.000	
04/23/13 Refunding**	Apr 23, 2013	47,975,000	Jun 1, 2019	2,220,000	5.000	4,565,000
			2020	2,345,000	4.000	
04/29/14 Refunding**	Apr 29, 2014	37,810,000	Jun 1, 2019	4,620,000	5.000	
			2020	4,730,000	5.000	
			2021	4,980,000	5.000	

* See Statement of Bonds Defeased

** Consolidated Public Improvement Bonds

*** Build America Bonds. See page 4 for more details.

**STATEMENT OF BONDS PAYABLE
AS OF JUNE 30, 2018
GENERAL CONSTRUCTION BONDS**

SERIES	DATE OF ISSUE	AMOUNT ISSUED	MATURITY DATE	AMOUNT OUTSTANDING	INTEREST RATE	BALANCE JUNE 30, 2018
04/29/14 Refunding**	Apr 29, 2014	(cont'd)	Jun 1, 2022	1,990,000	5.000	16,320,000
11/24/15 Refunding**	Nov 24, 2015	36,100,335	Jun 1, 2019	3,552,477	3.000	
			2020	4,141,493	4.000	
			2021	4,324,065	4.000	
			2022	4,508,510	4.000	
			2023	4,715,817	5.000	
			2024	2,841,909	5.000	
			2025	1,427,918	3.000	
			2026	1,477,527	2.650	
			2027	1,512,045	2.900	
			2028	1,557,881	3.000	30,059,641
05/26/16 Refunding**	May 26, 2016	23,835,000	Jun 1, 2019	2,790,000	5.000	
			2020	2,930,000	5.000	
			2021	3,080,000	5.000	
			2022	3,235,000	5.000	
			2023	3,385,000	5.000	
			2024	3,550,000	4.000	
			2025	3,680,000	4.000	22,650,000
11/9/17 Refunding**	Nov 9, 2017	12,310,000	Jun 1, 2019	5,000	5.000	
			2020	5,000	5.000	
			2021	5,000	5.000	
			2022	965,000	5.000	
			2023	975,000	5.000	
			2024	1,245,000	5.000	
			2025	1,265,000	4.000	
			2026	1,265,000	3.000	
			2027	1,260,000	3.000	
			2028	1,250,000	3.000	
			2029	1,230,000	3.000	
			2030	1,215,000	3.000	
			2031	1,205,000	3.000	
			2032	245,000	3.000	12,135,000

** Consolidated Public Improvement Bonds

**STATEMENT OF BONDS PAYABLE
AS OF JUNE 30, 2018
GENERAL CONSTRUCTION BONDS**

SERIES	DATE OF ISSUE	AMOUNT ISSUED	MATURITY DATE	AMOUNT OUTSTANDING	INTEREST RATE	BALANCE JUNE 30, 2018
12/13/17 Refunding (Second Series)** (2019 Crossover)	Dec 13, 2017	8,785,000	Jun 1, 2020	825,000	5.000	
			2021	835,000	5.000	
			2022	850,000	5.000	
			2023	860,000	5.000	
			2024	875,000	5.000	
			2025	885,000	5.000	
			2026	895,000	5.000	
			2027	910,000	5.000	
			2028	920,000	5.000	
			2029	930,000	5.000	<u>8,785,000</u>
TOTAL GENERAL CONSTRUCTION BONDS						<u><u>\$ 142,209,641</u></u>

** Consolidated Public Improvement Bonds

**STATEMENT OF BONDS PAYABLE
AS OF JUNE 30, 2018
WATER SUPPLY BONDS**

SERIES	DATE OF ISSUE	AMOUNT ISSUED	MATURITY DATE	AMOUNT OUTSTANDING	INTEREST RATE	BALANCE JUNE 30, 2018
09/15/09 (Series A)** ***	Sep 15, 2009	\$ 40,000,000	Jun 1, 2019	\$ 4,000,000	4.000	\$ 4,000,000
09/15/09 (Series B)** ***	Sep 15, 2009	40,000,000	Jun 1, 2020	4,000,000	4.350	
			2021	4,000,000	4.400	
			2022	4,000,000	4.500	
			2023	4,000,000	4.650	
			2024	4,000,000	4.700	
			2025	4,000,000	4.800	
			2026	4,000,000	4.900	
			2027	4,000,000	5.000	
			2028	4,000,000	5.000	
			2029	4,000,000	5.000	40,000,000
11/25/09 Refunding**	Nov 25, 2009	29,375,000	Jun 1, 2019	3,360,000	5.000	
			2020	3,365,000	5.000	
			2021	3,370,000	4.000	
			2022	2,585,000	4.000	
			2023	2,015,000	3.500	
			2024	1,990,000	3.500	
			2025	1,960,000	4.000	18,645,000
09/29/10 (Series A)** ***	Sep 29, 2010	50,000,000	Jun 1, 2019	5,000,000	4.000	
			2020	5,000,000	4.000	10,000,000
09/29/10 (Series B)** ***	Sep 29, 2010	50,000,000	Jun 1, 2021	5,000,000	3.550	
			2022	5,000,000	3.700	
			2023	5,000,000	3.850	
			2024	5,000,000	4.000	
			2025	5,000,000	4.200	
			2026	5,000,000	4.400	
			2027	5,000,000	4.550	
			2028	5,000,000	4.700	
			2029	5,000,000	4.800	
			2030	5,000,000	4.850	50,000,000

** Consolidated Public Improvement Bonds

*** Build America Bonds. See page 4 for more details.

**STATEMENT OF BONDS PAYABLE
AS OF JUNE 30, 2018
WATER SUPPLY BONDS**

SERIES	DATE OF ISSUE	AMOUNT ISSUED	MATURITY DATE	AMOUNT OUTSTANDING	INTEREST RATE	BALANCE JUNE 30, 2018
11/16/11* **	Nov 16, 2011	95,000,000	Jun 1, 2019	4,750,000	5.000	14,250,000
			2020	4,750,000	5.000	
			2021	4,750,000	3.000	
11/15/12**	Nov 15, 2012	90,000,000	Jun 1, 2019	4,500,000	5.000	63,000,000
			2020	4,500,000	5.000	
			2021	4,500,000	5.000	
			2022	4,500,000	3.000	
			2023	4,500,000	3.000	
			2024	4,500,000	3.000	
			2025	4,500,000	3.000	
			2026	4,500,000	3.000	
			2027	4,500,000	3.000	
			2028	4,500,000	3.000	
			2029	4,500,000	3.000	
			2030	4,500,000	3.000	
			2031	4,500,000	3.000	
2032	4,500,000	3.000				
04/23/13* **	Apr 23, 2013	60,000,000	Jun 1, 2019	3,000,000	5.000	15,000,000
			2020	3,000,000	5.000	
			2021	3,000,000	5.000	
			2022	3,000,000	5.000	
			2023	3,000,000	4.000	
04/23/13 Refunding**	Apr 23, 2013	26,785,000	Jun 1, 2019	2,520,000	5.000	20,055,000
			2020	2,550,000	4.000	
			2021	2,550,000	4.000	
			2022	2,550,000	4.000	
			2023	2,550,000	2.000	
			2024	2,500,000	2.000	
			2025	2,445,000	2.000	
2026	2,390,000	2.250				
04/29/2014**	Apr 29, 2014	70,000,000	Jun 1, 2019	2,333,333	5.000	
			2020	2,333,333	5.000	

* See Statement of Bonds Defeased

** Consolidated Public Improvement Bonds

*** Build America Bonds. See page 4 for more details.

**STATEMENT OF BONDS PAYABLE
AS OF JUNE 30, 2018
WATER SUPPLY BONDS**

SERIES	DATE OF ISSUE	AMOUNT ISSUED	MATURITY DATE	AMOUNT OUTSTANDING	INTEREST RATE	BALANCE JUNE 30, 2018
04/29/2014**	Apr 29, 2014	(cont'd)	Jun 1, 2021	2,333,333	5.000	
			2022	2,333,333	5.000	
			2023	2,333,333	5.000	
			2024	2,333,333	4.000	
			2025	2,333,333	4.000	
			2026	2,333,333	4.000	
			2027	2,333,333	4.000	
			2028	2,333,333	4.000	
			2029	2,333,333	4.000	
			2030	2,333,333	4.000	
			2031	2,333,333	4.000	
			2032	2,333,333	4.000	
			2033	2,333,333	4.000	
			2034	2,333,333	4.000	
			2035	2,333,333	4.000	
			2036	2,333,333	4.000	
			2037	2,333,333	4.000	
			2038	2,333,333	4.000	
			2039	2,333,333	4.000	
			2040	2,333,333	4.000	
			2041	2,333,333	4.000	
			2042	2,333,333	4.000	
			2043	2,333,333	4.000	
			2044	2,333,334	4.000	60,666,667
12/02/14 (Second Series)**	Dec 2, 2014	75,000,000	Jun 1, 2019	1,534,500	5.000	
			2020	1,596,000	5.000	
			2021	1,659,000	5.000	
			2022	1,725,000	5.000	
			2023	1,794,000	5.000	
			2024	1,866,000	4.000	
			2025	1,941,000	4.000	
			2026	2,019,000	4.000	
			2027	2,100,000	4.000	
			2028	2,184,000	4.000	
			2029	2,271,000	4.000	

** Consolidated Public Improvement Bonds

**STATEMENT OF BONDS PAYABLE
AS OF JUNE 30, 2018
WATER SUPPLY BONDS**

SERIES	DATE OF ISSUE	AMOUNT ISSUED	MATURITY DATE	AMOUNT OUTSTANDING	INTEREST RATE	BALANCE JUNE 30, 2018
12/02/14 (Second Series)**	Dec 2, 2014	(cont'd)	Jun 1, 2030	2,361,000	4.000	
			2031	2,455,500	4.000	
			2032	2,554,500	4.000	
			2033	2,656,500	4.000	
			2034	2,763,000	4.000	
			2035	2,874,000	4.000	
			2036	2,988,000	4.000	
			2037	3,108,000	4.000	
			2038	3,232,500	4.000	
			2039	3,361,500	4.000	
			2040	3,496,500	4.000	
			2041	3,636,000	4.000	
			2042	3,781,500	4.000	
			2043	3,933,000	4.000	
			2044	4,090,500	4.000	
10/28/15**	Oct 28, 2015	185,000,000	Jun 1, 2019	3,595,000	5.000	
			2020	3,740,000	5.000	
			2021	3,890,000	5.000	
			2022	4,085,000	5.000	
			2023	4,290,000	5.000	
			2024	4,505,000	5.000	
			2025	4,730,000	3.000	
			2026	4,920,000	3.000	
			2027	5,115,000	3.000	
			2028	5,320,000	3.000	
			2029	5,530,000	3.000	
			2030	5,755,000	3.500	
			2031	5,985,000	4.000	
			2032	6,225,000	4.000	
			2033	6,470,000	4.000	
2034	6,730,000	4.000				
2035	7,000,000	4.000				
2036	7,280,000	4.000				
2037	7,570,000	4.000				
2038	7,875,000	4.000				

** Consolidated Public Improvement Bonds

**STATEMENT OF BONDS PAYABLE
AS OF JUNE 30, 2018
WATER SUPPLY BONDS**

SERIES	DATE OF ISSUE		AMOUNT ISSUED	MATURITY DATE		AMOUNT OUTSTANDING	INTEREST RATE	BALANCE JUNE 30, 2018	
10/28/15**	Oct 28,	2015	(cont'd)	Jun 1,	2039	8,190,000	4.000		
					2040	8,515,000	4.000		
					2041	8,855,000	4.000		
					2042	9,210,000	4.000		
					2043	9,580,000	4.000		
					2044	9,965,000	4.000		
					2045	10,360,000	4.000		175,285,000
11/24/15 Refunding**	Nov 24,	2015	71,942,788	Jun 1,	2019	4,612,264	3.000		
					2020	7,425,221	4.000		
					2021	7,469,759	4.000		
					2022	7,489,111	4.000		
					2023	7,498,983	5.000		
					2024	7,568,958	5.000		
					2025	7,640,819	3.000		
					2026	7,552,733	2.650		
					2027	7,430,705	2.900		
					2028	4,830,509	3.000		69,519,061
					05/26/16**	May 26,	2016		45,000,000
2020	920,000	5.000							
2021	965,000	5.000							
2022	1,015,000	5.000							
2023	1,065,000	5.000							
2024	1,115,000	5.000							
2025	1,175,000	5.000							
2026	1,230,000	5.000							
2027	1,265,000	5.000							
2028	1,305,000	4.000							
2029	1,345,000	3.000							
2030	1,385,000	3.250							
2031	1,425,000	3.500							
2032	1,470,000	3.500							
2033	1,515,000	3.500							
2034	1,560,000	3.500							
2035	1,605,000	3.000							

** Consolidated Public Improvement Bonds

**STATEMENT OF BONDS PAYABLE
AS OF JUNE 30, 2018
WATER SUPPLY BONDS**

SERIES	DATE OF ISSUE	AMOUNT ISSUED	MATURITY DATE	AMOUNT OUTSTANDING	INTEREST RATE	BALANCE JUNE 30, 2018
05/26/16**	May 26, 2016	(cont'd)	Jun 1, 2036	1,655,000	3.000	
			2037	1,705,000	3.000	
			2038	1,770,000	3.000	
			2039	1,845,000	3.000	
			2040	1,915,000	3.000	
			2041	1,995,000	3.000	
			2042	2,075,000	3.000	
			2043	2,155,000	3.000	
			2044	2,240,000	3.000	
			2045	2,330,000	3.000	
			2046	2,425,000	3.000	43,355,000
			05/26/16 Refunding**	May 26, 2016	9,630,000	Jun 1, 2019
2020	1,160,000	5.000				2,330,000
12/1/16 (Second Series)**	Dec 01, 2016	178,000,000	Jun 1, 2019	3,114,219	5.000	
			2020	3,268,065	5.000	
			2021	3,431,235	5.000	
			2022	3,603,730	5.000	
			2023	3,783,217	5.000	
			2024	3,974,359	5.000	
			2025	4,172,494	5.000	
			2026	4,379,953	5.000	
			2027	4,599,068	5.000	
			2028	4,829,837	5.000	
			2029	5,072,261	3.000	
			2030	5,223,776	4.000	
			2031	5,431,235	4.000	
			2032	5,650,350	4.000	
			2033	5,876,457	4.000	
			2034	6,109,557	5.000	
			2035	6,417,249	5.000	
			2036	6,736,597	5.000	
2037	7,074,592	5.000				
2038	7,426,573	5.000				
2039	7,799,534	4.000				

** Consolidated Public Improvement Bonds

**STATEMENT OF BONDS PAYABLE
AS OF JUNE 30, 2018
WATER SUPPLY BONDS**

SERIES	DATE OF ISSUE		AMOUNT ISSUED	MATURITY DATE		AMOUNT OUTSTANDING	INTEREST RATE	BALANCE JUNE 30, 2018
12/1/16 (Second Series)**	Dec 1,	2016	(cont'd)	Jun 1,	2040	8,111,888	4.000	
					2041	8,435,897	4.000	
					2042	8,773,893	4.000	
					2043	9,123,543	4.000	
					2044	9,489,510	4.000	
					2045	9,867,133	4.000	
					2046	10,263,403	4.000	172,039,627
11/9/17**	Nov 9,	2017	220,440,000	Jun 1,	2019	3,784,800	5.000	
					2020	3,974,400	5.000	
					2021	4,171,200	5.000	
					2022	4,380,000	5.000	
					2023	4,600,800	5.000	
					2024	4,831,200	5.000	
					2025	5,071,200	5.000	
					2026	5,325,600	5.000	
					2027	5,592,000	5.000	
					2028	5,870,400	5.000	
					2029	6,165,600	5.000	
					2030	6,472,800	5.000	
					2031	6,796,800	4.000	
					2032	7,068,000	4.000	
					2033	7,351,200	4.000	
					2034	7,644,000	3.000	
					2035	7,874,400	4.000	
					2036	8,188,800	3.000	
					2037	8,436,000	3.125	
					2038	8,697,600	4.000	
2039	9,045,600	4.000						
2040	9,408,000	4.000						
2041	9,784,800	4.000						
2042	10,176,000	4.000						
2043	10,584,000	3.375						
2044	10,939,200	4.000						
2045	11,378,400	4.000						
2046	11,832,000	4.000						

** Consolidated Public Improvement Bonds

**STATEMENT OF BONDS PAYABLE
AS OF JUNE 30, 2018
WATER SUPPLY BONDS**

SERIES	DATE OF ISSUE		AMOUNT ISSUED	MATURITY DATE		AMOUNT OUTSTANDING	INTEREST RATE	BALANCE JUNE 30, 2018
11/9/17**	Nov 9,	2017	(cont'd)	Jun 1,	2047	12,307,200	4.000	217,752,000
11/9/17 Refunding**	Nov 9,	2017	75,640,000	Jun 1,	2019	70,000	5.000	
					2020	75,000	5.000	
					2021	80,000	5.000	
					2022	4,600,000	5.000	
					2023	4,690,000	5.000	
					2024	7,785,000	5.000	
					2025	7,910,000	4.000	
					2026	7,920,000	3.000	
					2027	7,840,000	3.000	
					2028	7,770,000	3.000	
					2029	7,695,000	3.000	
					2030	7,615,000	3.000	
					2031	7,530,000	3.000	
	2032	2,960,000	3.000		74,540,000			
12/13/17 Refunding (Second Series)** (2019 Crossover)	Dec 13,	2017	35,145,000	Jun 1,	2020	3,300,000	5.000	
					2021	3,345,000	5.000	
					2022	3,395,000	5.000	
					2023	3,445,000	5.000	
					2024	3,490,000	5.000	
					2025	3,540,000	5.000	
					2026	3,585,000	5.000	
					2027	3,635,000	5.000	
					2028	3,680,000	5.000	
					2029	3,730,000	5.000	
TOTAL WATER SUPPLY BONDS								<u>\$ 1,153,563,855</u>

** Consolidated Public Improvement Bonds

**STATEMENT OF BONDS PAYABLE
AS OF JUNE 30, 2018
SEWAGE DISPOSAL BONDS**

SERIES	DATE OF ISSUE	AMOUNT ISSUED	MATURITY DATE	AMOUNT OUTSTANDING	INTEREST RATE	BALANCE JUNE 30, 2018
09/15/09 (Series A)** ***	Sep 15, 2009	\$ 40,000,000	Jun 1, 2019	\$ 4,000,000	4.000	\$ 4,000,000
09/15/09 (Series B)** ***	Sep 15, 2009	40,000,000	Jun 1, 2020	4,000,000	4.350	
			2021	4,000,000	4.400	
			2022	4,000,000	4.500	
			2023	4,000,000	4.650	
			2024	4,000,000	4.700	
			2025	4,000,000	4.800	
			2026	4,000,000	4.900	
			2027	4,000,000	5.000	
			2028	4,000,000	5.000	
			2029	4,000,000	5.000	40,000,000
11/25/09 Refunding**	Nov 25, 2009	42,655,000	Jun 1, 2019	5,795,000	5.000	
			2020	5,750,000	5.000	
			2021	5,755,000	4.000	
			2022	3,460,000	4.000	
			2023	1,280,000	3.500	
			2024	1,260,000	3.500	
			2025	1,245,000	4.000	24,545,000
09/29/10 (Series A)** ***	Sep 29, 2010	60,000,000	Jun 1, 2019	6,000,000	4.000	
			2020	6,000,000	4.000	12,000,000
09/29/10 (Series B)** ***	Sep 29, 2010	60,000,000	Jun 1, 2021	6,000,000	3.550	
			2022	6,000,000	3.700	
			2023	6,000,000	3.850	
			2024	6,000,000	4.000	
			2025	6,000,000	4.200	
			2026	6,000,000	4.400	
			2027	6,000,000	4.550	
			2028	6,000,000	4.700	
			2029	6,000,000	4.800	
			2030	6,000,000	4.850	60,000,000

** Consolidated Public Improvement Bonds

*** Build America Bonds. See page 4 for more details.

**STATEMENT OF BONDS PAYABLE
AS OF JUNE 30, 2018
SEWAGE DISPOSAL BONDS**

SERIES	DATE OF ISSUE	AMOUNT ISSUED	MATURITY DATE	AMOUNT OUTSTANDING	INTEREST RATE	BALANCE JUNE 30, 2018
11/16/11* **	Nov 16, 2011	185,000,000	Jun 1, 2019	9,250,000	5.000	27,750,000
				9,250,000	5.000	
				9,250,000	3.000	
11/15/12**	Nov 15, 2012	150,000,000	Jun 1, 2019	7,500,000	5.000	105,000,000
				7,500,000	5.000	
				7,500,000	5.000	
				7,500,000	3.000	
				7,500,000	3.000	
				7,500,000	3.000	
				7,500,000	3.000	
				7,500,000	3.000	
				7,500,000	3.000	
				7,500,000	3.000	
				7,500,000	3.000	
				7,500,000	3.000	
				7,500,000	3.000	
04/23/13* **	Apr 23, 2013	85,000,000	Jun 1, 2019	4,250,000	5.000	21,250,000
				4,250,000	5.000	
				4,250,000	5.000	
				4,250,000	5.000	
				4,250,000	4.000	
04/23/13 Refunding**	Apr 23, 2013	26,800,000	Jun 1, 2019	2,520,000	5.000	20,050,000
				2,545,000	4.000	
				2,550,000	4.000	
				2,550,000	4.000	
				2,550,000	2.000	
				2,500,000	2.000	
				2,445,000	2.000	
2,390,000	2.250					
04/29/14**	Apr 29, 2014	80,000,000	Jun 1, 2019	2,666,667	5.000	2,666,667
				2,666,667	5.000	

* See Statement of Bonds Defeased
** Consolidated Public Improvement Bonds

**STATEMENT OF BONDS PAYABLE
AS OF JUNE 30, 2018
SEWAGE DISPOSAL BONDS**

SERIES	DATE OF ISSUE		AMOUNT ISSUED	MATURITY DATE		AMOUNT OUTSTANDING	INTEREST RATE	BALANCE JUNE 30, 2018
04/29/14**	Apr 29,	2014	(cont'd)	Jun 1,	2021	2,666,667	5.000	
					2022	2,666,667	5.000	
					2023	2,666,667	5.000	
					2024	2,666,667	4.000	
					2025	2,666,667	4.000	
					2026	2,666,667	4.000	
					2027	2,666,667	4.000	
					2028	2,666,667	4.000	
					2029	2,666,667	4.000	
					2030	2,666,667	4.000	
					2031	2,666,667	4.000	
					2032	2,666,667	4.000	
					2033	2,666,667	4.000	
					2034	2,666,667	4.000	
					2035	2,666,667	4.000	
					2036	2,666,667	4.000	
					2037	2,666,667	4.000	
					2038	2,666,667	4.000	
					2039	2,666,667	4.000	
					2040	2,666,667	4.000	
					2041	2,666,667	4.000	
					2042	2,666,667	4.000	
					2043	2,666,667	4.000	
					2044	2,666,666	4.000	69,333,333
12/02/14 (Second Series)**	Dec 2,	2014	175,000,000	Jun 1,	2019	3,580,500	5.000	
					2020	3,724,000	5.000	
					2021	3,871,000	5.000	
					2022	4,025,000	5.000	
					2023	4,186,000	5.000	
					2024	4,354,000	4.000	
					2025	4,529,000	4.000	
					2026	4,711,000	4.000	
					2027	4,900,000	4.000	
					2028	5,096,000	4.000	
2029	5,299,000	4.000						

** Consolidated Public Improvement Bonds

**STATEMENT OF BONDS PAYABLE
AS OF JUNE 30, 2018
SEWAGE DISPOSAL BONDS**

SERIES	DATE OF ISSUE		AMOUNT ISSUED	MATURITY DATE		AMOUNT OUTSTANDING	INTEREST RATE	BALANCE JUNE 30, 2018
12/02/14 (Second Series)**	Dec 2,	2014	(cont'd)	Jun 1,	2030	5,509,000	4.000	
					2031	5,729,500	4.000	
					2032	5,960,500	4.000	
					2033	6,198,500	4.000	
					2034	6,447,000	4.000	
					2035	6,706,000	4.000	
					2036	6,972,000	4.000	
					2037	7,252,000	4.000	
					2038	7,542,500	4.000	
					2039	7,843,500	4.000	
					2040	8,158,500	4.000	
					2041	8,484,000	4.000	
					2042	8,823,500	4.000	
					2043	9,177,000	4.000	
				2044	9,544,500	4.000		
							158,623,500	
10/28/15**	Oct 28,	2015	205,000,000	Jun 1,	2019	3,990,000	5.000	
					2020	4,145,000	5.000	
					2021	4,310,000	5.000	
					2022	4,525,000	5.000	
					2023	4,750,000	5.000	
					2024	4,990,000	5.000	
					2025	5,240,000	3.000	
					2026	5,450,000	3.000	
					2027	5,670,000	3.000	
					2028	5,895,000	3.000	
					2029	6,130,000	3.000	
					2030	6,375,000	3.500	
					2031	6,630,000	4.000	
					2032	6,895,000	4.000	
				2033	7,175,000	4.000		
				2034	7,460,000	4.000		
				2035	7,755,000	4.000		
				2036	8,065,000	4.000		
				2037	8,390,000	4.000		
				2038	8,725,000	4.000		

** Consolidated Public Improvement Bonds

**STATEMENT OF BONDS PAYABLE
AS OF JUNE 30, 2018
SEWAGE DISPOSAL BONDS**

SERIES	DATE OF ISSUE	AMOUNT ISSUED	MATURITY DATE	AMOUNT OUTSTANDING	INTEREST RATE	BALANCE JUNE 30, 2018	
10/28/15**	Oct 28, 2015	(cont'd)	Jun 1, 2039	9,075,000	4.000		
			2040	9,440,000	4.000		
			2041	9,815,000	4.000		
			2042	10,210,000	4.000		
			2043	10,615,000	4.000		
			2044	11,040,000	4.000		
			2045	11,485,000	4.000		194,245,000
11/24/15 Refunding**	Nov 24, 2015	37,281,877	Jun 1, 2019	2,210,258	3.000		
			2020	3,843,286	4.000		
			2021	3,866,176	4.000		
			2022	3,877,380	4.000		
			2023	3,885,200	5.000		
			2024	3,919,133	5.000		
			2025	3,956,263	3.000		
			2026	3,909,740	2.650		
			2027	3,847,250	2.900		
			2028	2,796,610	3.000		36,111,298
			05/26/16**	May 26, 2016	100,000,000		Jun 1, 2019
2020	2,040,000	5.000					
2021	2,145,000	5.000					
2022	2,250,000	5.000					
2023	2,360,000	5.000					
2024	2,485,000	5.000					
2025	2,605,000	5.000					
2026	2,735,000	5.000					
2027	2,820,000	5.000					
2028	2,905,000	4.000					
2029	2,990,000	3.000					
2030	3,080,000	3.250					
2031	3,175,000	3.500					
2032	3,265,000	3.500					
2033	3,365,000	3.500					
2034	3,465,000	3.500					
2035	3,570,000	3.000					

** Consolidated Public Improvement Bonds

**STATEMENT OF BONDS PAYABLE
AS OF JUNE 30, 2018
SEWAGE DISPOSAL BONDS**

SERIES	DATE OF ISSUE	AMOUNT ISSUED	MATURITY DATE	AMOUNT OUTSTANDING	INTEREST RATE	BALANCE JUNE 30, 2018
05/26/16**	May 26, 2016	(cont'd)	Jun 1, 2036	3,675,000	3.000	
			2037	3,785,000	3.000	
			2038	3,940,000	3.000	
			2039	4,095,000	3.000	
			2040	4,260,000	3.000	
			2041	4,430,000	3.000	
			2042	4,605,000	3.000	
			2043	4,790,000	3.000	
			2044	4,985,000	3.000	
			2045	5,185,000	3.000	
			2046	5,390,000	3.000	96,355,000
			05/26/16 Refunding**	May 26, 2016	2,975,000	Jun 1, 2019
2020	325,000	5.000				650,000
12/01/16 (Second Series)**	Dec 01, 2016	203,810,000	Jun 1, 2019	3,565,781	5.000	
			2020	3,741,935	5.000	
			2021	3,928,765	5.000	
			2022	4,126,270	5.000	
			2023	4,331,783	5.000	
			2024	4,550,641	5.000	
			2025	4,777,506	5.000	
			2026	5,015,047	5.000	
			2027	5,265,932	5.000	
			2028	5,530,163	5.000	
			2029	5,807,739	3.000	
			2030	5,981,224	4.000	
			2031	6,218,765	4.000	
			2032	6,469,650	4.000	
			2033	6,728,543	4.000	
			2034	6,995,443	5.000	
			2035	7,347,751	5.000	
			2036	7,713,403	5.000	
2037	8,100,408	5.000				
2038	8,503,427	5.000				
2039	8,930,466	4.000				

** Consolidated Public Improvement Bonds

**STATEMENT OF BONDS PAYABLE
AS OF JUNE 30, 2018
SEWAGE DISPOSAL BONDS**

SERIES	DATE OF ISSUE	AMOUNT ISSUED	MATURITY DATE	AMOUNT OUTSTANDING	INTEREST RATE	BALANCE JUNE 30, 2018
12/01/16 (Second Series)**	Dec 01, 2016	(cont'd)	Jun 1, 2040	9,288,112	4.000	
			2041	9,659,103	4.000	
			2042	10,046,107	4.000	
			2043	10,446,457	4.000	
			2044	10,865,490	4.000	
			2045	11,297,867	4.000	
			2046	11,751,597	4.000	
11/9/17**	Nov 9, 2017	238,810,000	Jun 1, 2019	4,100,200	5.000	
			2020	4,305,600	5.000	
			2021	4,518,800	5.000	
			2022	4,745,000	5.000	
			2023	4,984,200	5.000	
			2024	5,233,800	5.000	
			2025	5,493,800	5.000	
			2026	5,769,400	5.000	
			2027	6,058,000	5.000	
			2028	6,359,600	5.000	
			2029	6,679,400	5.000	
			2030	7,012,200	5.000	
			2031	7,363,200	4.000	
			2032	7,657,000	4.000	
			2033	7,963,800	4.000	
			2034	8,281,000	3.000	
			2035	8,530,600	4.000	
			2036	8,871,200	3.000	
			2037	9,139,000	3.125	
			2038	9,422,400	4.000	
2039	9,799,400	4.000				
2040	10,192,000	4.000				
2041	10,600,200	4.000				
2042	11,024,000	4.000				
2043	11,466,000	3.375				
2044	11,850,800	4.000				
2045	12,326,600	4.000				
2046	12,818,000	4.000				

** Consolidated Public Improvement Bonds

**STATEMENT OF BONDS PAYABLE
AS OF JUNE 30, 2018
SEWAGE DISPOSAL BONDS**

SERIES	DATE OF ISSUE		AMOUNT ISSUED	MATURITY DATE		AMOUNT OUTSTANDING	INTEREST RATE	BALANCE JUNE 30, 2018
11/9/17**	Nov 9,	2017	(cont'd)	Jun 1,	2047	13,332,800	4.000	235,898,000
11/9/17 Refunding**	Nov 9,	2017	132,230,000	Jun 1,	2019	100,000	5.000	
					2020	105,000	5.000	
					2021	110,000	5.000	
					2022	8,920,000	5.000	
					2023	9,095,000	5.000	
					2024	13,520,000	5.000	
					2025	13,750,000	4.000	
					2026	13,760,000	3.000	
					2027	13,625,000	3.000	
					2028	13,490,000	3.000	
					2029	13,360,000	3.000	
					2030	13,225,000	3.000	
					2031	13,080,000	3.000	
					2032	4,195,000	3.000	130,335,000
12/13/17 Refunding (Second Series)** (2019 Crossover)	Dec 13,	2017	35,145,000	Jun 1,	2020	3,300,000	5.000	
					2021	3,345,000	5.000	
					2022	3,395,000	5.000	
					2023	3,445,000	5.000	
					2024	3,490,000	5.000	
					2025	3,540,000	5.000	
					2026	3,585,000	5.000	
					2027	3,635,000	5.000	
					2028	3,680,000	5.000	
					2029	3,730,000	5.000	<u>35,145,000</u>
TOTAL SEWAGE DISPOSAL BONDS								<u>\$ 1,468,276,503.74</u>

** Consolidated Public Improvement Bonds

**STATEMENT OF BONDS PAYABLE
AS OF JUNE 30, 2018
MARYLAND WATER QUALITY BONDS**

SERIES	DATE OF ISSUE	AMOUNT ISSUED	MATURITY DATE	AMOUNT OUTSTANDING	INTEREST RATE	BALANCE JUNE 30, 2018
Consolidated Lab Facility(General)	Sep 29, 2000	\$ 11,394,444	Feb 1, 2019	\$ 579,494	2.400	\$ 1,738,478.00
			2020	579,494	2.400	
			2021	579,490	2.400	
Potomac WFP Solids Handling(Water)	Sep 29, 2000	20,432,556	Feb 1, 2019	1,011,856	2.400	3,035,572
			2020	1,011,856	2.400	
			2021	1,011,860	2.400	
Piscataway WWTP Biological Nutrient Removal (Sewer)	Sep 29, 2000	5,530,000	Feb 1, 2019	276,500	2.400	829,500
			2020	276,500	2.400	
			2021	276,500	2.400	
Blue Plains WWTP Additional Chemical Systems	Apr 15, 2003	41,097,814	Feb 1, 2019	2,184,232	1.100	14,886,030
			2020	2,184,232	1.100	
			2021	2,184,232	1.100	
			2022	2,184,232	1.100	
			2023	2,184,232	1.100	
			2024	2,184,232	1.100	
Piscataway WWTP Sludge Dewatering Upgrade	Apr 15, 2003	9,200,000	Feb 1, 2019	460,000	1.100	2,760,000
			2020	460,000	1.100	
			2021	460,000	1.100	
			2022	460,000	1.100	
			2023	460,000	1.100	
			2024	460,000	1.100	
Energy Performance Projects	Apr 15, 2003	11,271,725	Feb 1, 2019	645,957	1.100	3,301,625
			2020	653,062	1.100	
			2021	660,246	1.100	
			2022	667,509	1.100	
			2023	674,851	1.100	
Western Branch WWTP Filter Upgrade	Jan 15, 2009	4,956,835	Feb 1, 2019	260,499	1.000	
			2020	263,104	1.000	
			2021	265,735	1.000	

**STATEMENT OF BONDS PAYABLE
AS OF JUNE 30, 2018
MARYLAND WATER QUALITY BONDS**

SERIES	DATE OF ISSUE	AMOUNT ISSUED	MATURITY DATE	AMOUNT OUTSTANDING	INTEREST RATE	BALANCE JUNE 30, 2018
Western Branch WWTP Filter Upgrade	Jan 15, 2009	(cont'd)	Feb 1, 2022	268,392	1.000	
			2023	271,076	1.000	
			2024	273,787	1.000	
			2025	276,525	1.000	
			2026	279,290	1.000	
			2027	282,083	1.000	
			2028	284,904	1.000	
Western Branch & Seneca WWTP ENR & Facility Upgrade	Feb 24, 2012	49,706,000	Feb 1, 2019	2,376,225	0.800	
			2020	2,395,235	0.800	
			2021	2,414,397	0.800	
			2022	2,433,712	0.800	
			2023	2,453,182	0.800	
			2024	2,472,807	0.800	
			2025	2,492,589	0.800	
			2026	2,512,530	0.800	
			2027	2,532,630	0.800	
			2028	2,552,892	0.800	
			2029	2,573,315	0.800	
			2030	2,593,901	0.800	
			2031	2,614,652	0.800	
2032	2,635,570	0.800				
2033	2,656,654	0.800				
2034	2,677,907	0.800	40,388,198			
Blue Plains WWTP ENR Upgrade (Tunnel) & New Digestion Facilities	Jun 19, 2012	125,000,000	Feb 1, 2019	6,265,796	0.800	
			2020	6,315,922	0.800	
			2021	6,366,449	0.800	
			2022	6,417,381	0.800	
			2023	6,468,720	0.800	
			2024	6,520,470	0.800	
			2025	6,572,633	0.800	
			2026	6,625,214	0.800	
			2027	6,678,216	0.800	
			2028	6,731,642	0.800	
2029	6,785,495	0.800				

**STATEMENT OF BONDS PAYABLE
AS OF JUNE 30, 2018
MARYLAND WATER QUALITY BONDS**

SERIES	DATE OF ISSUE	AMOUNT ISSUED	MATURITY DATE	AMOUNT OUTSTANDING	INTEREST RATE	BALANCE JUNE 30, 2018
Blue Plains WWTP ENR Upgrade (Tunnel) & New Digestion Facilities	Jun 19, 2012	(cont'd)	Feb 1, 2030	6,839,779	0.800	
			2031	6,894,497	0.800	
			2032	6,949,653	0.800	
			2033	7,005,250	0.800	
			2034	7,061,292	0.800	
						106,498,409
Blue Plains WWTP New Digestion Facilities - CHP	Feb 27, 2013	15,000,000	Feb 1, 2019	711,393	0.800	
			2020	717,084	0.800	
			2021	722,821	0.800	
			2022	728,603	0.800	
			2023	734,432	0.800	
			2024	740,307	0.800	
			2025	746,230	0.800	
			2026	752,200	0.800	
			2027	758,217	0.800	
			2028	764,283	0.800	
			2029	770,397	0.800	
			2030	776,561	0.800	
			2031	782,773	0.800	
			2032	789,035	0.800	
			2033	795,348	0.800	
2034	801,710	0.800				
2035	808,124	0.800				
						12,899,518
Potomac Vista Water System	Aug 29, 2013	135,049	Feb 1, 2019	4,966	1.000	
			2020	5,016	1.000	
			2021	5,066	1.000	
			2022	5,116	1.000	
			2023	5,168	1.000	
			2024	5,219	1.000	
			2025	5,271	1.000	
			2026	5,324	1.000	
			2027	5,377	1.000	
			2028	5,431	1.000	
			2029	5,486	1.000	
2030	5,540	1.000				

**STATEMENT OF BONDS PAYABLE
AS OF JUNE 30, 2018
MARYLAND WATER QUALITY BONDS**

SERIES	DATE OF ISSUE		AMOUNT ISSUED	MATURITY DATE		AMOUNT OUTSTANDING	INTEREST RATE	BALANCE JUNE 30, 2018
Potomac Vista Water System	Aug 29,	2013	(cont'd)	Feb 1,	2031	5,595	1.000	
					2032	5,652	1.000	
					2033	5,708	1.000	
					2034	5,765	1.000	
					2035	5,823	1.000	
					2036	5,881	1.000	
					2037	5,940	1.000	
					2038	5,999	1.000	
					2039	6,059	1.000	
Blue Plains WWTP New Digestion Facilities - CHP (2nd Loan)	May 30,	2014	15,000,000	Feb 1,	2019	701,872	1.000	
					2020	708,890	1.000	
					2021	715,979	1.000	
					2022	723,139	1.000	
					2023	730,371	1.000	
					2024	737,674	1.000	
					2025	745,051	1.000	
					2026	752,501	1.000	
					2027	760,027	1.000	
					2028	767,627	1.000	
					2029	775,303	1.000	
					2030	783,056	1.000	
					2031	790,887	1.000	
					2032	798,795	1.000	
					2033	806,783	1.000	
2034	814,851	1.000						
2035	823,000	1.000	12,935,806					
Blue Plains WWTP New Digestion Facilities - CHP (3rd Loan) (Interim)	Apr 14,	2016	8,169,077	Feb 1,	2019	387,321	0.700	
					2020	390,032	0.700	
					2021	392,762	0.700	
					2022	395,511	0.700	
					2023	398,280	0.700	
					2024	401,068	0.700	
			2025	403,876	0.700			

**STATEMENT OF BONDS PAYABLE
AS OF JUNE 30, 2018
MARYLAND WATER QUALITY BONDS**

SERIES	DATE OF ISSUE	AMOUNT ISSUED	MATURITY DATE	AMOUNT OUTSTANDING	INTEREST RATE	BALANCE JUNE 30, 2018
Blue Plains WWTP New Digestion Facilities - CHP (3rd Loan) (Interim)	Apr 14, 2016	(cont'd)	Feb 1, 2026	406,703	0.700	
			2027	409,550	0.700	
			2028	412,416	0.700	
			2029	415,303	0.700	
			2030	418,210	0.700	
			2031	421,138	0.700	
			2032	88,202	0.700	
Blue Plains WWTP ENR Upgrade - Enhanced Clarification Facilities (ECF) & Tunnel Dewatering Pump Station (TDPS) (Interim)	Apr 14, 2016	53,823,568	Feb 1, 2019	1,000	1.400	
			2020	2,492,360	1.400	
			2021	2,527,253	1.400	
			2022	2,562,635	1.400	
			2023	2,598,511	1.400	
			2024	2,634,891	1.400	
			2025	2,671,779	1.400	
			2026	2,709,184	1.400	
			2027	2,747,113	1.400	
			2028	2,785,572	1.400	
			2029	2,824,570	1.400	
			2030	2,864,114	1.400	
			2031	2,904,212	1.400	
			2032	2,944,871	1.400	
			2033	2,986,099	1.400	
			2034	2,418,260	1.400	
					40,672,424	
TOTAL MARYLAND WATER QUALITY BONDS						248,126,998
GRAND TOTAL ALL BONDS						<u>\$ 3,012,176,997</u>

**GENERAL CONSTRUCTION BONDS
DEFEASED AND OUTSTANDING
AS OF JUNE 30, 2018**

SERIES	DATE REFUNDED	CALL DATE	DATE OF ISSUE	AMOUNT ISSUED	MATURITY DATE	AMOUNT OUTSTANDING	INTEREST RATE	BALANCE JUNE 30, 2018
11/16/11	11/09/17	06/01/21	Nov 16, 2011	\$ 20,000,000	Jun 1, 2022	\$ 1,000,000	3.000	
					2023	1,000,000	3.000	
					2024	1,000,000	3.000	
					2025	1,000,000	4.000	
					2026	1,000,000	4.000	
					2027	1,000,000	4.000	
					2028	1,000,000	4.000	
					2029	1,000,000	4.000	
					2030	1,000,000	4.000	
					2031	1,000,000	4.000	\$ 10,000,000
04/23/13	11/09/17	06/01/23	Apr 23, 2013	5,000,000	Jun 1, 2024	250,000	4.000	
					2025	250,000	4.000	
					2026	250,000	4.000	
					2027	250,000	4.000	
					2028	250,000	4.000	
					2029	250,000	4.000	
					2030	250,000	4.000	
					2031	250,000	4.000	
					2032	250,000	4.000	<u>2,250,000</u>
TOTAL OUTSTANDING DEFEASED GENERAL CONSTRUCTION BONDS								<u>\$ 12,250,000</u>

Defeased Issues Redeemed in FY 2018

01/15/09 11/24/15 06/01/18 @100%

**WATER SUPPLY BONDS
DEFEASED AND OUTSTANDING
AS OF JUNE 30, 2018**

SERIES	DATE REFUNDED	CALL DATE	DATE OF ISSUE	AMOUNT ISSUED	MATURITY DATE	AMOUNT OUTSTANDING	INTEREST RATE	BALANCE JUNE 30, 2018
11/16/11	11/09/17	06/01/21	Nov 16, 2011	\$ 95,000,000	Jun 1, 2022	\$ 4,750,000	3.000	
					2023	4,750,000	3.000	
					2024	4,750,000	3.000	
					2025	4,750,000	4.000	
					2026	4,750,000	4.000	
					2027	4,750,000	4.000	
					2028	4,750,000	4.000	
					2029	4,750,000	4.000	
					2030	4,750,000	4.000	
					2031	4,750,000	4.000	\$ 47,500,000
					04/23/13	11/09/17	06/21/23	Apr 23, 2013
2025	3,000,000	4.000						
2026	3,000,000	4.000						
2027	3,000,000	4.000						
2028	3,000,000	4.000						
2029	3,000,000	4.000						
2030	3,000,000	4.000						
2031	3,000,000	4.000						
2032	3,000,000	4.000	<u>27,000,000</u>					
TOTAL OUTSTANDING DEFEASED WATER SUPPLY BONDS								

Defeased Issues Redeemed in FY 2018

01/15/09 11/24/15 06/01/18 @100%

**SEWAGE DISPOSAL BONDS
DEFEASED AND OUTSTANDING
AS OF JUNE 30, 2018**

SERIES	DATE REFUNDED	CALL DATE	DATE OF ISSUE	AMOUNT ISSUED	MATURITY DATE	AMOUNT OUTSTANDING	INTEREST RATE	BALANCE JUNE 30, 2018	
11/16/11	11/09/17	06/01/21	Nov 16, 2011	\$ 185,000,000	Jun 1, 2022	\$ 9,250,000	3.000		
					2023	9,250,000	3.000		
					2024	9,250,000	3.000		
					2025	9,250,000	4.000		
					2026	9,250,000	4.000		
					2027	9,250,000	4.000		
					2028	9,250,000	4.000		
					2029	9,250,000	4.000		
					2030	9,250,000	4.000		
					2031	9,250,000	4.000	\$ 92,500,000	
04/23/13	11/09/17	06/01/23	Apr 23, 2013	85,000,000	2024	4,250,000	4.000		
					2025	4,250,000	4.000		
					2026	4,250,000	4.000		
					2027	4,250,000	4.000		
					2028	4,250,000	4.000		
					2029	4,250,000	4.000		
					2030	4,250,000	4.000		
					2031	4,250,000	4.000		
					2032	4,250,000	4.000	<u>38,250,000</u>	
TOTAL OUTSTANDING DEFEASED SEWAGE DISPOSAL BONDS									<u>\$ 130,750,000</u>
GRAND TOTAL OUTSTANDING DEFEASED BONDS									<u><u>\$ 217,500,000</u></u>

Defeased Issues Redeemed in FY 2018

01/15/09 11/24/15 06/01/18 @100%

WASHINGTON SUBURBAN SANITARY COMMISSION
SUMMARY OF DESCRIPTIVE DATA CONCERNING THE FOUR MAJOR TYPES
OF BONDS ISSUED FROM 1972 THROUGH JUNE 30, 2018

	<u>TOTAL</u>	<u>GENERAL CONSTRUCTION BONDS</u>	<u>WATER SUPPLY BONDS</u>	<u>SEWAGE DISPOSAL BONDS</u>	<u>STORM WATER DRAINAGE BONDS</u>
7-1-72					
Amount of Issue	\$ 23,175,000	\$ 7,375,000	\$ 7,375,000	\$ 8,425,000	
Life of Bond - Years	-	22	37	37	
Average Life of Bond - Years	20.86	12.52	24.76	24.75	
Average Annual Interest Rate	5.33%	5.75%	5.23%	5.23%	
3-1-73					
Amount of Issue	\$ 31,500,000	\$ 10,500,000	\$ 8,400,000	\$ 8,400,000	\$ 4,200,000
Life of Bond - Years	-	21	37	37	37
Average Life of Bond - Years	23.02	14.3	26.8	28.01	27.14
Average Annual Interest Rate	5.10%	5.13%	5.07%	5.06%	5.16%
7-1-73					
Amount of Issue	\$ 27,600,000	\$ 8,500,000	\$ 8,500,000	\$ 10,600,000	
Life of Bond - Years	-	21	37	37	
Average Life of Bond - Years	24.13	15.45	27.66	28.27	
Average Annual Interest Rate	5.34%	5.40%	5.33%	5.33%	
4-1-74					
Amount of Issue	\$ 63,965,000	\$ 31,800,000	\$ 6,275,000	\$ 21,200,000	\$ 4,240,000
Life of Bond - Years	-	22	36	36	36
Average Life of Bond - Years	21.82	14.25	28.98	29.61	28.25
Average Annual Interest Rate	5.83%	6.14%	5.61%	5.64%	6.01%
4-1-75					
Amount of Issue	\$ 69,225,000	\$ 10,650,000		\$ 53,250,000	\$ 5,325,000
Life of Bond - Years	-	22		35	35
Average Life of Bond - Years	26.90	14.39		29.24	28.48
Average Annual Interest Rate	7.12%	7.24%		7.10%	7.21%

**WASHINGTON SUBURBAN SANITARY COMMISSION
SUMMARY OF DESCRIPTIVE DATA CONCERNING THE FOUR MAJOR TYPES
OF BONDS ISSUED FROM 1972 THROUGH JUNE 30, 2018**

	<u>TOTAL</u>	<u>GENERAL CONSTRUCTION BONDS</u>	<u>WATER SUPPLY BONDS</u>	<u>SEWAGE DISPOSAL BONDS</u>	<u>STORM WATER DRAINAGE BONDS</u>
3-1-76					
Amount of Issue	\$ 57,460,000	\$ 27,025,000		\$ 27,175,000	\$ 3,260,000
Life of Bond - Years	-	22		35	35
Average Life of Bond - Years	19.74835	14.54986		24.54535	22.85583
Average Annual Interest Rate	6.23%	6.25%		6.19%	6.45%
2-1-77					
Amount of Issue	\$ 70,175,000	\$ 42,500,000	\$ 24,500,000		\$ 3,175,000
Life of Bond - Years	-	35	35		25
Average Life of Bond - Years	19.5995	19.5200	20.100		16.8016
Average Annual Interest Rate	5.39%	5.40%	5.38%		5.32%
9-1-77 (Refunding)					
Amount of Issue	\$ 242,025,000	\$ 125,500,000	\$ 13,475,000	\$ 88,650,000	\$ 14,400,000
Life of Bond - Years	-	22.5	23.5	29.5	27.5
Average Life of Bond - Years	19.004	17.683	23.5	20.533	16.885
Average Annual Interest Rate	5.36%	5.36%	5.60%	5.49%	5.37%
12-1-78					
Amount of Issue	\$ 95,800,000	\$ 45,000,000	\$ 42,300,000		\$ 8,500,000
Life of Bond - Years	-	35	35		25
Average Life of Bond - Years	23.126	23.67	23.9132		16.362
Average Annual Interest Rate	6.06%	6.08%	6.08%		5.74%
11-1-79					
Amount of Issue	\$ 97,800,000	\$ 55,000,000	\$ 40,000,000		\$ 2,800,000
Life of Bond - Years	-	35	35		20
Average Life of Bond - Years	24.35	24.68	24.68		13.17
Average Annual Interest Rate	7.19%	7.19%	7.19%		6.88%

WASHINGTON SUBURBAN SANITARY COMMISSION
SUMMARY OF DESCRIPTIVE DATA CONCERNING THE FOUR MAJOR TYPES
OF BONDS ISSUED FROM 1972 THROUGH JUNE 30, 2018

	<u>TOTAL</u>	<u>GENERAL CONSTRUCTION BONDS</u>	<u>WATER SUPPLY BONDS</u>	<u>SEWAGE DISPOSAL BONDS</u>	<u>STORM WATER DRAINAGE BONDS</u>
7-1-80					
Amount of Issue	\$ 58,200,000		\$ 18,200,000	\$ 40,000,000	
Life of Bond - Years	-		25	25	
Average Life of Bond - Years	15.04		15.155	14.988	
Average Annual Interest Rate	7.25%		7.25%	7.25%	
11-1-80					
Amount of Issue	\$ 55,000,000	\$ 50,000,000			\$ 5,000,000
Life of Bond - Years	-	35			15
Average Life of Bond - Years	24.5567	26.07			9.90
Average Annual Interest Rate	8.84%	8.89%			7.47%
8-1-81					
Amount of Issue	\$ 105,000,000		\$ 65,000,000	\$ 40,000,000	
Life of Bond - Years	-		20	20	
Average Life of Bond - Years	10.5		10.5	10.5	
Average Annual Interest Rate	10.37%		10.37%	10.37%	
1-1-82					
Amount of Issue	\$ 25,000,000	\$ 25,000,000			
Life of Bond - Years	-	25			
Average Life of Bond - Years	18.12	18.12			
Average Annual Interest Rate	12.22%	12.22%			
8-1-82					
Amount of Issue	\$ 50,000,000		\$ 25,000,000	\$ 25,000,000 *	
Life of Bond - Years			20	3	
Average Life of Bond - Years			10.5	3	
Average Annual Interest Rate			11.57%	9.69%	

**WASHINGTON SUBURBAN SANITARY COMMISSION
SUMMARY OF DESCRIPTIVE DATA CONCERNING THE FOUR MAJOR TYPES
OF BONDS ISSUED FROM 1972 THROUGH JUNE 30, 2018**

	<u>TOTAL</u>	<u>GENERAL CONSTRUCTION BONDS</u>	<u>WATER SUPPLY BONDS</u>	<u>SEWAGE DISPOSAL BONDS</u>	<u>STORM WATER DRAINAGE BONDS</u>
12-1-82					
Amount of Issue	\$ 45,000,000	\$ 40,000,000			\$ 5,000,000
Life of Bond - Years		25			15
Average Life of Bond - Years		17.96			8
Average Annual Interest Rate		9.50			8.42%
11-1-83					
Amount of Issue	\$ 90,000,000	\$ 40,000,000	\$ 25,000,000	\$ 25,000,000	
Life of Bond - Years		25	20	20	
Average Life of Bond - Years		17.96	12.12	10.5	
Average Annual Interest Rate		8.46%	8.73%	8.88%	
4-1-84 (Refunding)					
Amount of Issue	\$ 29,210,000	\$ 29,210,000			
Life of Bond - Years		23			
Average Life of Bond - Years		14.94			
Average Annual Interest Rate		9.34%			
10-1-84					
Amount of Issue	\$ 55,000,000	\$ 55,000,000			
Life of Bond - Years		25			
Average Life of Bond - Years		17.38			
Average Annual Interest Rate		9.56%			
1-1-85					
Amount of Issue	\$ 57,000,000		\$ 35,000,000	\$ 22,000,000	
Life of Bond - Years			19	19	
Average Life of Bond - Years			10	10	
Average Annual Interest Rate			8.50%	8.50%	

WASHINGTON SUBURBAN SANITARY COMMISSION
SUMMARY OF DESCRIPTIVE DATA CONCERNING THE FOUR MAJOR TYPES
OF BONDS ISSUED FROM 1972 THROUGH JUNE 30, 2018

	<u>TOTAL</u>	<u>GENERAL CONSTRUCTION BONDS</u>	<u>WATER SUPPLY BONDS</u>	<u>SEWAGE DISPOSAL BONDS</u>	<u>STORM WATER DRAINAGE BONDS</u>
8-1-85					
Amount of Issue	\$ 60,805,000	\$ 60,805,000			
Life of Bond - Years		25			
Average Life of Bond - Years		16.77			
Average Annual Interest Rate		8.40%			
8-1-85 (Refunding)					
Amount of Issue	\$ 118,015,000		\$ 82,095,000	\$ 35,920,000	
Life of Bond - Years			17	16	
Average Life of Bond - Years			8.58	8.45	
Average Annual Interest Rate			7.85%	7.83%	
1-1-86					
Amount of Issue	\$ 75,700,000	\$ 17,600,000	\$ 10,000,000	\$ 32,100,000	\$ 16,000,000
Life of Bond - Years		25	20	20	15
Average Life of Bond - Years		16.7	10.5	10.5	8
Average Annual Interest Rate		7.86%	7.78%	7.78%	7.49%
6-1-86 (Refunding)					
Amount of Issue	\$ 172,490,000	\$ 172,490,000			
Life of Bond - Years		29.5			
Average Life of Bond - Years		18			
Average Annual Interest Rate		7.35%			
11-1-86 (Refunding)					
Amount of Issue	\$ 74,680,000	\$ 39,655,000	\$ 19,575,000	\$ 15,450,000	
Life of Bond - Years		22	17	17	
Average Life of Bond - Years		16.27	10.91	11.67	
Average Annual Interest Rate		6.29%	5.90%	5.98%	

**WASHINGTON SUBURBAN SANITARY COMMISSION
SUMMARY OF DESCRIPTIVE DATA CONCERNING THE FOUR MAJOR TYPES
OF BONDS ISSUED FROM 1972 THROUGH JUNE 30, 2018**

	<u>TOTAL</u>	<u>GENERAL CONSTRUCTION BONDS</u>	<u>WATER SUPPLY BONDS</u>	<u>SEWAGE DISPOSAL BONDS</u>	<u>STORM WATER DRAINAGE BONDS</u>
1-1-87 (1st Series)					
Amount of Issue	\$ 19,000,000		\$ 7,000,000	\$ 12,000,000	
Life of Bond - Years			20	20	
Average Life of Bond - Years			10.5	10.5	
Average Annual Interest Rate			5.72%	5.68%	
12-1-87					
Amount of Issue	\$ 65,000,000	\$ 50,000,000	\$ 10,000,000		\$ 5,000,000
Life of Bond - Years		23	20		15
Average Life of Bond - Years		15.23	10.54		8.07
Average Annual Interest Rate		7.33%	7.28%		6.76%
4-1-88					
Amount of Issue	\$ 38,000,000	\$ 5,000,000 *	\$ 15,000,000	\$ 18,000,000	
Life of Bond - Years		20	20	20	
Average Life of Bond - Years		10.54	10.54	10.54	
Average Annual Interest Rate		7.22%	7.22%	7.22%	
7-1-88					
Amount of Issue	\$ 25,000,000		\$ 15,000,000	\$ 10,000,000	
Life of Bond - Years			20	20	
Average Life of Bond - Years			10.50	10.50	
Average Annual Interest Rate			7.04%	7.04%	
12-1-88					
Amount of Issue	\$ 113,000,000	\$ 68,000,000	\$ 20,000,000	\$ 25,000,000	
Life of Bond - Years		23	20	20	
Average Life of Bond - Years		14.94	10.54	10.54	
Average Annual Interest Rate		7.17%	7.10%	7.10%	

* Administration Building Construction Bonds

**WASHINGTON SUBURBAN SANITARY COMMISSION
SUMMARY OF DESCRIPTIVE DATA CONCERNING THE FOUR MAJOR TYPES
OF BONDS ISSUED FROM 1972 THROUGH JUNE 30, 2018**

	<u>TOTAL</u>	<u>GENERAL CONSTRUCTION BONDS</u>	<u>WATER SUPPLY BONDS</u>	<u>SEWAGE DISPOSAL BONDS</u>	<u>STORM WATER DRAINAGE BONDS</u>
12-1-88					
Amount of Issue	\$ 5,000,000	\$ 5,000,000 *			
Life of Bond - Years		20			
Average Life of Bond - Years		10.54			
Average Annual Interest Rate		7.10%			
7-1-89					
Amount of Issue	\$ 56,000,000	\$ 5,000,000 *	\$ 15,000,000	\$ 36,000,000	
Life of Bond - Years		20	20	20	
Average Life of Bond - Years		10.58	10.58	10.58	
Average Annual Interest Rate		6.69%	6.69%	6.69%	
12-1-89					
Amount of Issue	\$ 62,000,000	\$ 62,000,000			
Life of Bond - Years		23			
Average Life of Bond - Years		14.93			
Average Annual Interest Rate		6.91%			
12-1-89					
Amount of Issue	\$ 15,000,000	\$ 15,000,000 *			
Life of Bond - Years		20			
Average Life of Bond - Years		10.54			
Average Annual Interest Rate		7.20%			
3-1-90 (Refunding)					
Amount of Issue	\$ 53,885,000	\$ 53,885,000			
Life of Bond - Years		20			
Average Life of Bond - Years		14.54			
Average Annual Interest Rate		6.96%			

* Administration Building Construction Bonds

**WASHINGTON SUBURBAN SANITARY COMMISSION
SUMMARY OF DESCRIPTIVE DATA CONCERNING THE FOUR MAJOR TYPES
OF BONDS ISSUED FROM 1972 THROUGH JUNE 30, 2018**

	<u>TOTAL</u>	<u>GENERAL CONSTRUCTION BONDS</u>	<u>WATER SUPPLY BONDS</u>	<u>SEWAGE DISPOSAL BONDS</u>	<u>STORM WATER DRAINAGE BONDS</u>
7-15-90 (1st Series)					
Amount of Issue	\$ 80,000,000	\$ 39,000,000	\$ 31,000,000	\$ 10,000,000	
Life of Bond - Years		24	20	20	
Average Life of Bond - Years		15.75	10.87	10.86	
Average Annual Interest Rate		6.90%	6.90%	6.90%	
7-15-90 (1st Series)					
Amount of Issue	\$ 10,000,000	\$ 10,000,000 *			
Life of Bond - Years		20			
Average Life of Bond - Years		10.86			
Average Annual Interest Rate		6.90%			
11-1-90 (2nd Series)					
Amount of Issue	\$ 65,000,000	\$ 33,000,000	\$ 17,000,000	\$ 15,000,000	
Life of Bond - Years		24	20	20	
Average Life of Bond - Years		15.53	10.53	10.48	
Average Annual Interest Rate		6.75%	6.67%	6.67%	
11-1-90 (2nd Series)					
Amount of Issue	\$ 5,000,000	\$ 5,000,000 *			
Life of Bond - Years		20			
Average Life of Bond - Years		10.22			
Average Annual Interest Rate		6.67%			
5-15-91 (Refunding)					
Amount of Issue	\$ 248,865,000	\$ 67,065,000	\$ 108,910,000	\$ 72,890,000	
Life of Bond - Years		24	24	15	
Average Life of Bond - Years		14.69	10.07	8.33	
Average Annual Interest Rate		6.54%	6.36%	6.27%	

* Administration Building Construction Bonds

**WASHINGTON SUBURBAN SANITARY COMMISSION
SUMMARY OF DESCRIPTIVE DATA CONCERNING THE FOUR MAJOR TYPES
OF BONDS ISSUED FROM 1972 THROUGH JUNE 30, 2018**

	<u>TOTAL</u>	<u>GENERAL CONSTRUCTION BONDS</u>	<u>WATER SUPPLY BONDS</u>	<u>SEWAGE DISPOSAL BONDS</u>	<u>STORM WATER DRAINAGE BONDS</u>
6-1-91 (1st Series)					
Amount of Issue	\$ 65,000,000	\$ 28,000,000	\$ 17,000,000	\$ 20,000,000	
Life of Bond - Years		23	19	19	
Average Life of Bond - Years		14.68	9.95	9.98	
Average Annual Interest Rate		6.83%	6.80%	6.80%	
11-15-91 (2nd Series)					
Amount of Issue	\$ 35,000,000	\$ 35,000,000			
Life of Bond - Years		23			
Average Life of Bond - Years		14.66			
Average Annual Interest Rate		6.59%			
11-15-91 (Refunding - 2nd Series)					
Amount of Issue	\$ 95,435,000	\$ 95,435,000			
Life of Bond - Years		24			
Average Life of Bond - Years		16.590			
Average Annual Interest Rate		6.50%			
6-1-92					
Amount of Issue	\$ 90,000,000		\$ 50,000,000	\$ 40,000,000	
Life of Bond - Years			19	19	
Average Life of Bond - Years			9.96	9.98	
Average Annual Interest Rate			6.05%	6.05%	
6-1-92 (Refunding)					
Amount of Issue	\$ 54,775,000	\$ 54,775,000			
Life of Bond - Years		20			
Average Life of Bond - Years		14.40			
Average Annual Interest Rate		6.05%			

WASHINGTON SUBURBAN SANITARY COMMISSION
SUMMARY OF DESCRIPTIVE DATA CONCERNING THE FOUR MAJOR TYPES
OF BONDS ISSUED FROM 1972 THROUGH JUNE 30, 2018

	<u>TOTAL</u>	<u>GENERAL CONSTRUCTION BONDS</u>	<u>WATER SUPPLY BONDS</u>	<u>SEWAGE DISPOSAL BONDS</u>	<u>STORM WATER DRAINAGE BONDS</u>
11-15-92					
Amount of Issue	\$ 25,000,000	\$ 25,000,000			
Life of Bond - Years		23			
Average Life of Bond - Years		13.15			
Average Annual Interest Rate		5.79%			
3-1-93 (Refunding)					
Amount of Issue	\$ 133,865,000	\$ 37,895,000	\$ 65,145,000	\$ 30,825,000	
Life of Bond - Years		20.75	20.75	15.75	
Average Life of Bond - Years		12.34	11.40	10.17	
Average Annual Interest Rate		5.09%	4.99%	4.84%	
3-1-93 (Refunding)					
Amount of Issue	\$ 5,840,000	\$ 5,840,000 *			
Life of Bond - Years		15.75			
Average Life of Bond - Years		10.019			
Average Annual Interest Rate		4.83%			
6-1-93					
Amount of Issue	\$ 120,000,000	\$ 10,000,000	\$ 69,000,000	\$ 41,000,000	
Life of Bond - Years		23	19	19	
Average Life of Bond - Years		14.176	9.943	9.893	
Average Annual Interest Rate		5.39%	5.17%	5.16%	
11-1-93 (2nd Series)					
Amount of Issue	\$ 50,000,000	\$ 50,000,000			
Life of Bond - Years		24.583			
Average Life of Bond - Years		15.56			
Average Annual Interest Rate		5.13%			

* Administration Building Construction Bonds

**WASHINGTON SUBURBAN SANITARY COMMISSION
SUMMARY OF DESCRIPTIVE DATA CONCERNING THE FOUR MAJOR TYPES
OF BONDS ISSUED FROM 1972 THROUGH JUNE 30, 2018**

	<u>TOTAL</u>	<u>GENERAL CONSTRUCTION BONDS</u>	<u>WATER SUPPLY BONDS</u>	<u>SEWAGE DISPOSAL BONDS</u>	<u>STORM WATER DRAINAGE BONDS</u>
11-1-93 (Refunding - 2nd Series)					
Amount of Issue	\$ 258,745,000	\$ 167,790,000	\$ 45,625,000	\$ 45,330,000	
Life of Bond - Years		21.583	16.583	16.583	
Average Life of Bond - Years		14.42	11.29	11.37	
Average Annual Interest Rate		5.12%	4.99%	4.99%	
11-1-93 (Refunding - 2nd Series)					
Amount of Issue	\$ 19,985,000	\$ 19,985,000 *			
Life of Bond - Years		16.583			
Average Life of Bond - Years		11.14			
Average Annual Interest Rate		4.98%			
1-15-94 (Refunding)					
Amount of Issue	\$ 435,675,000	\$ 301,195,000	\$ 52,450,000	\$ 82,030,000	
Life of Bond - Years		21.375	21.375	13.375	
Average Life of Bond - Years		9.56	11.85	8.28	
Average Annual Interest Rate		4.64%	4.80%	4.50%	
6-1-94					
Amount of Issue	\$ 70,000,000		\$ 36,000,000	\$ 34,000,000	
Life of Bond - Years			19	19	
Average Life of Bond - Years			9.5	9.5	
Average Annual Interest Rate			5.31%	5.31%	
11-1-94					
Amount of Issue	\$ 50,000,000	\$ 50,000,000			
Life of Bond - Years		24.5			
Average Life of Bond - Years		16.03			
Average Annual Interest Rate		6.60%			

* Administration Building Construction Bonds

WASHINGTON SUBURBAN SANITARY COMMISSION
SUMMARY OF DESCRIPTIVE DATA CONCERNING THE FOUR MAJOR TYPES
OF BONDS ISSUED FROM 1972 THROUGH JUNE 30, 2018

	<u>TOTAL</u>	<u>GENERAL CONSTRUCTION BONDS</u>	<u>WATER SUPPLY BONDS</u>	<u>SEWAGE DISPOSAL BONDS</u>	<u>STORM WATER DRAINAGE BONDS</u>
6-1-95					
Amount of Issue	\$ 52,250,000		\$ 18,050,000	\$ 34,200,000	
Life of Bond - Years			19	19	
Average Life of Bond - Years			9.5	9.5	
Average Annual Interest Rate			5.04%	5.04%	
10-15-95					
Amount of Issue	\$ 70,000,000	\$ 50,000,000	\$ 9,000,000	\$ 11,000,000	
Life of Bond - Years		24.6	19.6	19.6	
Average Life of Bond - Years		14.78	9.81	9.81	
Average Annual Interest Rate		5.35%	5.16%	5.16%	
10-15-96					
Amount of Issue	\$ 40,000,000	\$ 40,000,000			
Life of Bond - Years		25			
Average Life of Bond - Years		15.95			
Average Annual Interest Rate		5.53%			
01-01-97 (Refunding)					
Amount of Issue	\$ 79,600,000	\$ 43,320,000	\$ 20,095,000	\$ 16,185,000	
Life of Bond - Years		22	12	11	
Average Life of Bond - Years		16.07	4.74	4.77	
Average Annual Interest Rate		5.31%	4.59 %	4.60%	
06-01-97					
Amount of Issue	\$ 71,250,000		\$ 35,625,000	\$ 35,625,000	
Life of Bond - Years			19	19	
Average Life of Bond - Years			10	10	
Average Annual Interest Rate			5.03%	5.03%	

**WASHINGTON SUBURBAN SANITARY COMMISSION
SUMMARY OF DESCRIPTIVE DATA CONCERNING THE FOUR MAJOR TYPES
OF BONDS ISSUED FROM 1972 THROUGH JUNE 30, 2018**

	<u>TOTAL</u>	<u>GENERAL CONSTRUCTION BONDS</u>	<u>WATER SUPPLY BONDS</u>	<u>SEWAGE DISPOSAL BONDS</u>	<u>STORM WATER DRAINAGE BONDS</u>
11-15-97 (Refunding)					
Amount of Issue	\$ 45,265,000		\$ 25,080,000	\$ 20,185,000	
Life of Bond - Years			13.5	13.5	
Average Life of Bond - Years			9.46	9.475	
Average Annual Interest Rate			4.68%	4.71%	
11-15-97					
Amount of Issue	\$ 40,000,000	\$ 40,000,000			
Life of Bond - Years		24.5			
Average Life of Bond - Years		15.579			
Average Annual Interest Rate		5.10%			
06-01-98					
Amount of Issue	\$ 57,950,000		\$ 45,600,000	\$ 12,350,000	
Life of Bond - Years			19	19	
Average Life of Bond - Years			9.919	9.919	
Average Annual Interest Rate			4.71%	4.71%	
01-01-99					
Amount of Issue	\$ 30,000,000	\$ 30,000,000			
Life of Bond - Years		24.5			
Average Life of Bond - Years		15.27			
Average Annual Interest Rate		4.79%			
04-01-00					
Amount of Issue	\$ 20,000,000	\$ 20,000,000			
Life of Bond - Years		24			
Average Life of Bond - Years		15.46			
Average Annual Interest Rate		5.34%			

**WASHINGTON SUBURBAN SANITARY COMMISSION
SUMMARY OF DESCRIPTIVE DATA CONCERNING THE FOUR MAJOR TYPES
OF BONDS ISSUED FROM 1972 THROUGH JUNE 30, 2018**

	<u>TOTAL</u>	<u>GENERAL CONSTRUCTION BONDS</u>	<u>WATER SUPPLY BONDS</u>	<u>SEWAGE DISPOSAL BONDS</u>	<u>STORM WATER DRAINAGE BONDS</u>
03-15-01					
Amount of Issue	\$ 109,005,000	\$ 15,000,000	\$ 71,430,000	\$ 22,575,000	
Life of Bond - Years		24	19	19	
Average Life of Bond - Years		15.13	9.55	9.52	
Average Annual Interest Rate		4.70%	4.35%	4.35%	
12-01-01 (Second Series)					
Amount of Issue	\$ 40,000,000	\$ 40,000,000			
Life of Bond - Years		23			
Average Life of Bond - Years		14.43			
Average Annual Interest Rate		4.99%			
12-01-01 (Refunding)					
Amount of Issue	\$ 100,095,000	\$ 100,095,000			
Life of Bond - Years		14			
Average Life of Bond - Years		8.46			
Average Annual Interest Rate		4.98%			
04-15-02 (Refunding)					
Amount of Issue	\$ 43,705,000	\$ 43,705,000			
Life of Bond - Years		9.5			
Average Life of Bond - Years		6.32			
Average Annual Interest Rate		4.71%			
03-01-03 (Refunding)					
Amount of Issue	\$ 417,165,000	\$ 216,435,000	\$ 105,155,000	\$ 95,575,000	
Life of Bond - Years		17.25	12.25	12.25	
Average Life of Bond - Years		8.08	5.26	5.11	
Average Annual Interest Rate		3.23%	2.61%	2.58%	

**WASHINGTON SUBURBAN SANITARY COMMISSION
SUMMARY OF DESCRIPTIVE DATA CONCERNING THE FOUR MAJOR TYPES
OF BONDS ISSUED FROM 1972 THROUGH JUNE 30, 2018**

	<u>TOTAL</u>	<u>GENERAL CONSTRUCTION BONDS</u>	<u>WATER SUPPLY BONDS</u>	<u>SEWAGE DISPOSAL BONDS</u>	<u>STORM WATER DRAINAGE BONDS</u>
03-01-03 (Refunding)					
Amount of Issue	\$ 11,780,000	\$ 11,780,000 *			
Life of Bond - Years		7.25			
Average Life of Bond - Years		6.72			
Average Annual Interest Rate		4.72%			
09-15-03 (Refunding)					
Amount of Issue	\$ 68,320,000	\$ 22,575,000	\$ 33,355,000	\$ 12,390,000	
Life of Bond - Years		10.00	10.00	5.00	
Average Life of Bond - Years		6.58	5.22	3.39	
Average Annual Interest Rate		3.00%	2.70%	1.88%	
09-15-03 (Refunding)					
Amount of Issue	\$ 2,270,000	\$ 2,270,000 *			
Life of Bond - Years		5.00			
Average Life of Bond - Years		3.31			
Average Annual Interest Rate		1.85%			
02-01-04					
Amount of Issue	\$ 7,000,000	\$ 7,000,000			
Life of Bond - Years		23.00			
Average Life of Bond - Years		15.28			
Average Annual Interest Rate		4.28%			
02-01-04 (Refunding)					
Amount of Issue	\$ 266,395,000	\$ 183,995,000	\$ 41,125,000	\$ 41,275,000	
Life of Bond - Years		18.00	12.00	12.00	
Average Life of Bond - Years		6.90	7.05	4.68	
Average Annual Interest Rate		3.24%	3.11%	2.77%	

* Administration Building Construction Bonds

WASHINGTON SUBURBAN SANITARY COMMISSION
SUMMARY OF DESCRIPTIVE DATA CONCERNING THE FOUR MAJOR TYPES
OF BONDS ISSUED FROM 1972 THROUGH JUNE 30, 2018

	<u>TOTAL</u>	<u>GENERAL CONSTRUCTION BONDS</u>	<u>WATER SUPPLY BONDS</u>	<u>SEWAGE DISPOSAL BONDS</u>	<u>STORM WATER DRAINAGE BONDS</u>
03-15-05					
Amount of Issue	\$ 173,200,000	\$ 15,000,000	\$ 60,330,000	\$ 97,870,000	
Life of Bond - Years		24.00	20.00	20.00	
Average Life of Bond - Years		15.11	10.08	9.40	
Average Annual Interest Rate		5.00%	4.99%	4.99%	
03-15-05 (Refunding)					
Amount of Issue	\$ 62,510,000	\$ 35,840,000	\$ 20,990,000	\$ 5,680,000	
Life of Bond - Years		15.00	9.00	9.00	
Average Life of Bond - Years		13.57	8.21	8.21	
Average Annual Interest Rate		5.00%	5.00%	5.00%	
02-15-06					
Amount of Issue	\$ 100,000,000		\$ 50,000,000	\$ 50,000,000	
Life of Bond - Years			20.00	20.00	
Average Life of Bond - Years			10.08	9.40	
Average Annual Interest Rate			4.24%	4.24%	
10-15-06 (Refunding)					
Amount of Issue	\$ 82,285,000	\$ 41,490,000	\$ 31,040,000	\$ 9,755,000	
Life of Bond - Years		19.00	10.00	10.00	
Average Life of Bond - Years		12.40	8.84	8.81	
Average Annual Interest Rate		4.16%	4.14%	4.14%	
04-15-07					
Amount of Issue	\$ 70,000,000		\$ 50,000,000	\$ 20,000,000	
Life of Bond - Years			20.00	20.00	
Average Life of Bond - Years			10.63	10.63	
Average Annual Interest Rate			4.17%	4.17%	

WASHINGTON SUBURBAN SANITARY COMMISSION
SUMMARY OF DESCRIPTIVE DATA CONCERNING THE FOUR MAJOR TYPES
OF BONDS ISSUED FROM 1972 THROUGH JUNE 30, 2018

	<u>TOTAL</u>	<u>GENERAL CONSTRUCTION BONDS</u>	<u>WATER SUPPLY BONDS</u>	<u>SEWAGE DISPOSAL BONDS</u>	<u>STORM WATER DRAINAGE BONDS</u>
01-15-09					
Amount of Issue	\$ 165,000,000 **	\$ 15,000,000	\$ 95,000,000	\$ 55,000,000	
Life of Bond - Years		19.00	19.00	19.00	
Average Life of Bond - Years		10.97	9.88	9.88	
Average Annual Interest Rate		4.33%	4.32%	4.32%	
09-15-09 (Series A)					
Amount of Issue	\$ 90,000,000 **	\$ 10,000,000	\$ 40,000,000	\$ 40,000,000	
Life of Bond - Years		20.00	20.00	20.00	
Average Life of Bond - Years		5.21	5.21	5.21	
Average Annual Interest Rate		4.13%	4.13%	4.13%	
09-15-09 (Series B)***	\$ 90,000,000 **				
Amount of Issue		\$ 10,000,000	\$ 40,000,000	\$ 40,000,000	
Life of Bond - Years		20.00	20.00	20.00	
Average Life of Bond - Years		15.21	15.21	15.21	
Average Annual Interest Rate ****		3.11%	3.11%	3.11%	
11-25-09 (Refunding)	\$ 83,965,000 **				
Amount of Issue		\$ 11,935,000	\$ 29,375,000	\$ 42,655,000	
Life of Bond - Years		19.00	15.00	15.00	
Average Life of Bond - Years		13.18	10.29	9.67	
Average Annual Interest Rate		4.11%	4.37%	4.55%	
09-29-10 (Series A)					
Amount of Issue	\$ 120,000,000 **	\$ 10,000,000	\$ 50,000,000	\$ 60,000,000	
Life of Bond - Years		20.00	20.00	20.00	
Average Life of Bond - Years		5.17	5.17	5.17	
Average Annual Interest Rate		4.30%	4.30%	4.30%	

** Consolidated Public Improvement Bonds. Sold as one issue.

*** Taxable Build America Bonds - Direct Payment to Issuer.

**** Does not reflect federal subsidy of 35% of interest cost.

WASHINGTON SUBURBAN SANITARY COMMISSION
SUMMARY OF DESCRIPTIVE DATA CONCERNING THE FOUR MAJOR TYPES
OF BONDS ISSUED FROM 1972 THROUGH JUNE 30, 2018

	<u>TOTAL</u>	<u>GENERAL CONSTRUCTION BONDS</u>	<u>WATER SUPPLY BONDS</u>	<u>SEWAGE DISPOSAL BONDS</u>	<u>STORM WATER DRAINAGE BONDS</u>
09-29-10 (Series B)***					
Amount of Issue	\$ 120,000,000 **	\$ 10,000,000	\$ 50,000,000	\$ 60,000,000	
Life of Bond - Years		20.00	20.00	20.00	
Average Life of Bond - Years		15.17	15.17	15.17	
Average Annual Interest Rate ****		2.82%	2.82%	2.82%	
11-16-11					
Amount of Issue	\$ 300,000,000 **	\$ 20,000,000	\$ 95,000,000	\$ 185,000,000	
Life of Bond - Years		20.00	20.00	20.00	
Average Life of Bond - Years		15.17	15.17	15.17	
Average Annual Interest Rate		3.96%	3.96%	3.96%	
11-15-12					
Amount of Issue	\$ 250,000,000 **	\$ 10,000,000	\$ 90,000,000	\$ 150,000,000	
Life of Bond - Years		20.00	20.00	20.00	
Average Life of Bond - Years		10.44	10.44	10.44	
Average Annual Interest Rate		3.39%	3.39%	3.39%	
04-23-13					
Amount of Issue	\$ 150,000,000 **	\$ 5,000,000	\$ 60,000,000	\$ 85,000,000	
Life of Bond - Years		19.00	19.00	19.00	
Average Life of Bond - Years		9.66	9.66	9.66	
Average Annual Interest Rate		4.20%	4.20%	4.20%	
04-23-13 (Refunding)					
Amount of Issue	\$ 101,560,000 **	\$ 47,975,000	\$ 26,785,000	\$ 26,800,000	
Life of Bond - Years		7.00	13.00	13.00	
Average Life of Bond - Years		3.00	8.10	8.10	
Average Annual Interest Rate		4.52%	3.09%	3.09%	

** Consolidated Public Improvement Bonds. Sold as one issue.

*** Taxable Build America Bonds - Direct Payment to Issuer.

**** Does not reflect federal subsidy of 35% of interest cost.

**WASHINGTON SUBURBAN SANITARY COMMISSION
SUMMARY OF DESCRIPTIVE DATA CONCERNING THE FOUR MAJOR TYPES
OF BONDS ISSUED FROM 1972 THROUGH JUNE 30, 2018**

	<u>TOTAL</u>	<u>GENERAL CONSTRUCTION BONDS</u>	<u>WATER SUPPLY BONDS</u>	<u>SEWAGE DISPOSAL BONDS</u>	<u>STORM WATER DRAINAGE BONDS</u>
04-29-14					
Amount of Issue	\$ 150,000,000 **		\$ 70,000,000	\$ 80,000,000	
Life of Bond - Years			30.00	30.00	
Average Life of Bond - Years			15.59	15.59	
Average Annual Interest Rate			4.09%	4.09%	
04-29-14 (Refunding)					
Amount of Issue	\$ 47,395,000 **	\$ 37,810,000	\$ 6,005,000	\$ 3,580,000	
Life of Bond - Years		8.00	2.00	2.00	
Average Life of Bond - Years		4.06	1.37	1.56	
Average Annual Interest Rate		4.76%	2.87%	3.27%	
12-02-14					
Amount of Issue	\$ 250,000,000 **		\$ 75,000,000	\$ 175,000,000	
Life of Bond - Years			30.00	30.00	
Average Life of Bond - Years			17.53	17.53	
Average Annual Interest Rate			4.05%	4.05%	
10-25-15					
Amount of Issue	\$ 390,000,000 **		\$ 185,000,000	\$ 205,000,000	
Life of Bond - Years			30.00	30.00	
Average Life of Bond - Years			18.07	18.07	
Average Annual Interest Rate			3.95%	3.95%	
11-24-15 (Refunding)					
Amount of Issue	\$ 145,325,000 **	\$ 36,100,335	\$ 71,942,788	\$ 37,281,877	
Life of Bond - Years		13	13	13	
Average Life of Bond - Years		7.39	7.39	7.39	
Average Annual Interest Rate		3.63%	3.63%	3.63%	

** Consolidated Public Improvement Bonds. Sold as one issue.

**WASHINGTON SUBURBAN SANITARY COMMISSION
SUMMARY OF DESCRIPTIVE DATA CONCERNING THE FOUR MAJOR TYPES
OF BONDS ISSUED FROM 1972 THROUGH JUNE 30, 2018**

	<u>TOTAL</u>	<u>GENERAL CONSTRUCTION BONDS</u>	<u>WATER SUPPLY BONDS</u>	<u>SEWAGE DISPOSAL BONDS</u>	<u>STORM WATER DRAINAGE BONDS</u>
05/26/16					
Amount of Issue	\$ 145,000,000 **		\$ 45,000,000	\$ 100,000,000	
Life of Bond - Years			30	30	
Average Life of Bond - Years			18.15	18.15	
Average Annual Interest Rate			3.26%	3.26%	
05/26/16 (Refunding)					
Amount of Issue	\$ 36,440,000 **	\$ 23,835,000	\$ 9,630,000	\$ 2,975,000	
Life of Bond - Years		9	4	4	
Average Life of Bond - Years		5.99	2.03	1.98	
Average Annual Interest Rate		4.57%	4.82%	4.81%	
12/01/16 (2nd Series)					
Amount of Issue	\$ 381,810,000 **		\$ 178,000,000	\$ 203,810,000	
Life of Bond - Years			30	30	
Average Life of Bond - Years			18.19	18.19	
Average Annual Interest Rate			4.27%	4.27%	
11/09/17					
Amount of Issue	\$ 459,250,000 **		\$ 220,440,000	\$ 238,810,000	
Life of Bond - Years			30	30	
Average Life of Bond - Years			18.17	18.17	
Average Annual Interest Rate			3.97%	3.97%	
11/09/17 (Refunding)					
Amount of Issue	\$ 220,180,000 **	\$ 12,310,000	\$ 75,640,000	\$ 132,230,000	
Life of Bond - Years		14	14	14	
Average Life of Bond - Years		9.37	9.37	9.37	
Average Annual Interest Rate		3.37%	3.37%	3.37%	

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**WASHINGTON SUBURBAN SANITARY COMMISSION
SUMMARY OF DESCRIPTIVE DATA CONCERNING THE FOUR MAJOR TYPES
OF BONDS ISSUED FROM 1972 THROUGH JUNE 30, 2018**

	<u>TOTAL</u>	<u>GENERAL CONSTRUCTION BONDS</u>	<u>WATER SUPPLY BONDS</u>	<u>SEWAGE DISPOSAL BONDS</u>	<u>STORM WATER DRAINAGE BONDS</u>
12/13/17 (Refunding - 2nd Series) (2019 Crossover)					
Amount of Issue	\$ 79,075,000 **	\$ 8,785,000	\$ 35,145,000	\$ 35,145,000	
Life of Bond - Years		10	10	10	
Average Life of Bond - Years		7.08	7.08	7.08	
Average Annual Interest Rate		5	5	5	

** Consolidated Public Improvement Bonds. Sold as one issue.

ESTIMATED DEBT SERVICE ON ALL BONDS AND NOTES
OUTSTANDING AS OF JUNE 30, 2018

FISCAL	INTEREST	BABs SUBSIDY	PRINCIPAL	TOTAL
2019	\$121,151,904.60	(\$3,279,150.00)	\$159,902,111.00	\$277,774,865.60
2020	114,341,298.60	(3,279,150.00)	172,772,787.00	283,834,935.60
2021	107,056,863.02	(3,142,125.00)	171,317,790.00	275,232,528.02
2022	103,325,292.76	(2,854,425.00)	164,696,230.00	265,167,097.76
2023	96,447,543.84	(2,557,275.00)	162,538,823.00	256,429,091.84
2024	89,660,458.71	(2,249,100.00)	161,425,455.00	248,836,813.71
2025	83,007,339.54	(1,933,050.00)	161,704,592.00	242,778,881.54
2026	76,938,366.36	(1,605,450.00)	154,747,946.00	230,080,862.36
2027	71,275,357.81	(1,266,300.00)	151,708,213.00	221,717,270.81
2028	65,587,913.76	(917,700.00)	150,069,767.00	214,739,980.76
2029	59,969,176.35	(562,800.00)	142,644,869.00	202,051,245.35
2030	54,806,701.97	(203,700.00)	125,991,161.00	180,594,162.97
2031	50,286,364.65	0.00	115,888,755.00	166,175,119.65
2032	46,326,072.60	0.00	103,276,778.00	149,602,850.60
2033	42,732,498.20	0.00	84,955,842.00	127,688,340.20
2034	39,632,292.50	0.00	84,434,785.00	124,067,077.50
2035	36,644,464.34	0.00	72,316,947.00	108,961,411.34
2036	33,632,676.56	0.00	71,850,881.00	105,483,557.56
2037	30,759,250.27	0.00	69,565,940.00	100,325,190.27
2038	28,018,705.77	0.00	72,140,999.00	100,159,704.77
2039	25,036,139.96	0.00	74,991,059.00	100,027,198.96
2040	22,088,140.45	0.00	77,785,267.00	99,873,407.45
2041	19,030,218.32	0.00	80,695,000.00	99,725,218.32
2042	15,858,048.62	0.00	83,725,000.00	99,583,048.62
2043	12,573,033.34	0.00	86,870,000.00	99,443,033.34
2044	9,290,288.60	0.00	90,010,000.10	99,300,288.70
2045	5,816,403.61	0.00	74,230,000.00	80,046,403.61
2046	2,989,906.94	0.00	54,480,000.00	57,469,906.94
2047	980,017.77	0.00	25,640,000.00	26,620,017.77
	<u>\$1,465,262,739.82</u>	<u>(\$23,850,225.00)</u>	<u>\$3,202,376,997.10</u>	<u>\$4,643,789,511.92</u>

The above debt service amounts combine the actual bond debt service as presented on page 7 with the illustrative analysis of estimated debt service for notes on page 3. The debt service figures on this page are not exact due to the weekly interest rate reset of the notes and the assumed long-term rate upon their conversion to bonds, but are presented to give an order of magnitude of all modes of WSSC debt.

ESTIMATED DEBT SERVICE ON GENERAL CONSTRUCTION BONDS AND NOTES
OUTSTANDING AS OF JUNE 30, 2018

FISCAL	INTEREST	BABs SUBSIDY	PRINCIPAL	TOTAL
2019	\$7,166,086.52	(\$314,650.00)	\$23,692,477.20	\$30,543,913.72
2020	6,075,925.92	(314,650.00)	21,571,493.03	27,332,768.95
2021	5,118,200.13	(299,425.00)	19,854,065.14	24,672,840.27
2022	4,728,751.03	(271,600.00)	17,198,509.62	21,655,660.65
2023	3,942,591.87	(242,900.00)	15,610,816.88	19,310,508.75
2024	3,200,896.48	(213,150.00)	13,466,908.87	16,454,655.35
2025	2,598,937.09	(182,700.00)	12,242,918.15	14,659,155.24
2026	2,098,868.97	(151,200.00)	8,657,526.56	10,605,195.53
2027	1,743,448.29	(118,650.00)	8,737,044.65	10,361,842.94
2028	1,379,083.40	(85,225.00)	8,822,881.36	10,116,739.76
2029	1,012,750.00	(51,275.00)	7,290,000.00	8,251,475.00
2030	698,620.83	(16,975.00)	4,315,000.00	4,996,645.83
2031	514,737.50	0.00	3,305,000.00	3,819,737.50
2032	377,987.50	0.00	2,345,000.00	2,722,987.50
2033	269,500.00	0.00	1,600,000.00	1,869,500.00
2034	181,500.00	0.00	1,100,000.00	1,281,500.00
2035	121,000.00	0.00	1,100,000.00	1,221,000.00
2036	60,500.00	0.00	1,100,000.00	1,160,500.00
	<u>\$41,289,385.53</u>	<u>(\$2,262,400.00)</u>	<u>\$172,009,641.46</u>	<u>\$211,036,626.99</u>

The above debt service amounts combine the actual bond debt service as presented on page 8 with the illustrative analysis of estimated debt service for notes on page 3. The debt service figures on this page are not exact due to the weekly interest rate reset of the notes and the assumed long-term rate upon their conversion to bonds, but are presented to give an order of magnitude of all modes of WSSC debt.

ESTIMATED DEBT SERVICE ON WATER SUPPLY BONDS AND NOTES
OUTSTANDING AS OF JUNE 30, 2018

FISCAL	INTEREST	BABs SUBSIDY	PRINCIPAL	TOTAL
2019	\$50,606,920.79	(\$1,407,700.00)	\$55,129,116.88	\$104,328,337.67
2020	48,108,004.90	(1,407,700.00)	61,857,019.68	108,557,324.58
2021	45,309,102.97	(1,346,800.00)	61,414,527.50	105,376,830.47
2022	44,388,722.77	(1,223,075.00)	60,961,173.50	104,126,821.27
2023	41,607,315.85	(1,095,325.00)	61,265,332.75	101,777,323.60
2024	38,805,550.75	(962,850.00)	61,658,850.02	99,501,550.77
2025	36,012,032.15	(827,050.00)	62,618,846.00	97,803,828.15
2026	33,461,668.31	(686,350.00)	61,355,619.89	94,130,938.20
2027	31,030,252.56	(540,750.00)	59,610,105.99	90,099,608.55
2028	28,594,517.30	(391,125.00)	57,823,078.63	86,026,470.93
2029	26,212,595.81	(238,875.00)	53,842,194.40	79,815,915.21
2030	24,051,511.08	(84,875.00)	46,845,909.55	70,812,545.63
2031	22,155,904.51	0.00	42,656,868.76	64,812,773.27
2032	20,493,006.01	0.00	38,961,182.98	59,454,188.99
2033	18,939,613.60	0.00	31,902,490.21	50,842,103.81
2034	17,581,244.58	0.00	31,839,890.44	49,421,135.02
2035	16,254,471.91	0.00	31,903,982.75	48,158,454.66
2036	14,873,501.69	0.00	31,881,730.07	46,755,231.76
2037	13,585,106.27	0.00	30,226,925.40	43,812,031.67
2038	12,389,341.85	0.00	31,335,006.76	43,724,348.61
2039	11,082,035.29	0.00	32,574,967.13	43,657,002.42
2040	9,794,092.83	0.00	33,779,721.44	43,573,814.27
2041	8,458,505.73	0.00	35,040,030.77	43,498,536.50
2042	7,073,164.05	0.00	36,349,726.10	43,422,890.15
2043	5,639,035.84	0.00	37,708,876.45	43,347,912.29
2044	4,211,568.58	0.00	39,057,543.92	43,269,112.50
2045	2,689,498.40	0.00	33,935,532.87	36,625,031.27
2046	1,387,545.62	0.00	24,520,403.26	25,907,948.88
2047	470,408.53	0.00	12,307,200.00	12,777,608.53
	<u>\$635,266,240.53</u>	<u>(\$10,212,475.00)</u>	<u>\$1,260,363,854.10</u>	<u>\$1,885,417,619.63</u>

The above debt service amounts combine the actual bond debt service as presented on page 9 with the illustrative analysis of estimated debt service for notes on page 3. The debt service figures on this page are not exact due to the weekly interest rate reset of the notes and the assumed long-term rate upon their conversion to bonds, but are presented to give an order of magnitude of all modes of WSSC debt.

ESTIMATED DEBT SERVICE ON SEWAGE DISPOSAL BONDS AND NOTES
OUTSTANDING AS OF JUNE 30, 2018

FISCAL	INTEREST	BABs SUBSIDY	PRINCIPAL	TOTAL
2019	\$61,091,067.53	(\$1,556,800.00)	\$65,213,405.92	\$124,747,673.45
2020	58,002,816.28	(1,556,800.00)	70,891,487.29	127,337,503.57
2021	54,679,462.90	(1,495,900.00)	71,466,407.36	124,649,970.26
2022	52,444,791.35	(1,359,750.00)	69,690,316.88	120,775,358.23
2023	49,296,835.20	(1,219,050.00)	68,683,850.37	116,761,635.57
2024	46,213,631.10	(1,073,100.00)	69,869,241.11	115,009,772.21
2025	43,109,375.07	(923,300.00)	71,148,235.85	113,334,310.92
2026	40,231,782.59	(767,900.00)	70,691,853.55	110,155,736.14
2027	37,486,413.19	(606,900.00)	69,187,849.36	106,067,362.55
2028	34,731,165.27	(441,350.00)	69,119,040.01	103,408,855.28
2029	31,992,886.83	(272,650.00)	67,362,805.60	99,083,042.43
2030	29,437,460.79	(101,850.00)	60,549,090.45	89,884,701.24
2031	27,129,753.40	0.00	55,513,131.24	82,642,884.64
2032	25,102,591.23	0.00	47,758,817.02	72,861,408.25
2033	23,304,074.30	0.00	37,197,509.79	60,501,584.09
2034	21,780,826.25	0.00	37,715,109.56	59,495,935.81
2035	20,260,144.91	0.00	37,676,017.25	57,936,162.16
2036	18,698,457.90	0.00	38,863,269.93	57,561,727.83
2037	17,173,986.09	0.00	39,333,074.60	56,507,060.69
2038	15,629,265.65	0.00	40,799,993.24	56,429,258.89
2039	13,954,066.65	0.00	42,410,032.87	56,364,099.52
2040	12,294,046.06	0.00	44,005,278.56	56,299,324.62
2041	10,571,712.59	0.00	45,654,969.23	56,226,681.82
2042	8,784,884.57	0.00	47,375,273.90	56,160,158.47
2043	6,933,997.50	0.00	49,161,123.55	56,095,121.05
2044	5,078,720.02	0.00	50,952,456.18	56,031,176.20
2045	3,126,905.21	0.00	40,294,467.13	43,421,372.34
2046	1,602,361.32	0.00	29,959,596.74	31,561,958.06
2047	509,609.24	0.00	13,332,800.00	13,842,409.24
	<u>\$770,653,090.99</u>	<u>(\$11,375,350.00)</u>	<u>\$1,521,876,504.54</u>	<u>\$2,281,154,245.53</u>

The above debt service amounts combine the actual bond debt service as presented on page 10 with the illustrative analysis of estimated debt service for notes on page 3. The debt service figures on this page are not exact due to the weekly interest rate reset of the notes and the assumed long-term rate upon their conversion to bonds, but are presented to give an order of magnitude of all modes of WSSC debt.