

**New York City Municipal Water Finance Authority - Summary of Debt & Issuance (as of May 16, 2017)**

#	Issue		Notes	Resolution	Par Amount	All-In	Principal		Principal Issued	Principal Issued
	Date	Series			Issued	TIC %	EIC %	Outstanding (4)	as New Money	for Refunding
1	10/29/96	1997 A	2 - - -	F	365,125,000	5.96	-	25,000,000	229,880,000	135,245,000
2	06/25/97	1998 1	- - - -	S	44,635,000	5.13	2.97	3,595,000	44,635,000	-
3	01/29/98	1998 D	1 - - -	F	402,475,000	5.12	-	110,330,000	-	402,475,000
4	03/26/98	1998 4	- - - -	S	15,774,041	5.00	2.86	1,880,000	15,774,041	-
5	03/09/00	2000 2	6 - - -	S	12,689,482	-	-	2,845,000	12,689,482	-
6	06/20/00	2000 C	7 - - -	F	107,500,000	N/A	-	107,500,000	107,500,000	-
7	05/15/01	2001 D	1 - - -	F	305,085,000	5.24	-	79,845,000	-	305,085,000
8	05/15/01	2001 F	7 1 - -	F	184,130,000	N/A	-	184,130,000	-	184,130,000
9	11/14/02	2003 2	1 - - -	S	608,654,720	4.60	3.88	34,545,000	-	608,654,720
10	03/20/03	2003 3	1 - - -	S	22,365,000	5.64	-	11,475,000	-	22,365,000
11	03/20/03	2003 4	1 - - -	S	35,605,000	5.67	-	18,190,000	-	35,605,000
12	05/06/03	2003 F	7 - - -	F	201,655,000	N/A	-	201,655,000	201,655,000	-
13	04/08/04	2004 2	5 6 - -	S	257,680,299	4.22	2.63	82,440,000	257,680,299	-
14	11/30/04	2005 2	5 6 - -	S	390,624,553	4.53	2.62	5,775,000	390,624,553	-
15	10/12/05	2006 1	5 6 - -	S	229,018,261	4.38	2.73	3,180,000	229,018,261	-
16	10/27/05	2006 AA	7 - - -	S-NYW	400,000,000	N/A	-	400,000,000	400,000,000	-
17	06/22/06	2006 2	5 6 - -	S	201,440,829	4.59	2.73	2,845,000	201,440,829	-
18	06/22/06	2006 3	5 6 9 -	S	256,387,669	4.59	2.78	7,550,000	256,387,669	-
19	11/30/06	2007 CC	7 - - -	S-NYW	210,500,000	N/A	-	210,500,000	210,500,000	-
20	03/27/07	2007 1	5 6 - -	S	228,112,917	4.30	2.64	20,510,000	228,112,917	-
21	03/27/07	2007 2	5 6 9 -	S	290,314,867	4.35	2.68	26,285,000	290,314,867	-
22	05/15/07	2007 3	1 5 - -	S	174,936,886	4.42	4.86	16,185,000	-	174,936,886
23	10/24/07	2008 BB	7 - - -	S-NYW	401,000,000	N/A	-	401,000,000	401,000,000	-
24	12/11/07	2008 A	- - - -	F	446,245,000	4.77	-	185,000,000	446,245,000	-
25	03/19/08	2008 B	7 1 - -	F	535,000,000	N/A	-	535,000,000	-	535,000,000
26	03/19/08	2008 C	1 - - -	F	144,945,000	3.82	-	3,645,000	-	144,945,000
27	05/22/08	2008 1	2 6 5 -	S	270,906,820	4.30	2.88	168,420,878	174,987,420	95,919,400
28	05/22/08	2008 2	6 5 9 -	S	224,702,981	4.56	2.94	172,529,378	224,702,981	-
29	06/05/08	2008 DD	- - - -	S-NYW	504,905,000	4.79	-	450,200,000	504,905,000	-
30	07/23/08	2009 AA	1 - - -	S-NYW	334,075,000	4.27	-	116,075,000	-	334,075,000
31	08/07/08	2009 BB	7 - - -	S-NYW	200,870,000	N/A	-	200,870,000	200,870,000	-
32	08/07/08	2009 CC	- - - -	S-NYW	150,100,000	4.97	-	133,100,000	150,100,000	-
33	10/29/08	2009 A	- - - -	F	536,030,000	5.88	-	300,820,000	536,030,000	-
34	12/11/08	2009 DD	- - - -	S-NYW	325,580,000	5.93	-	204,430,000	325,580,000	-
35	01/29/09	2009 EE	- 2 - -	S-NYW	645,455,000	5.16	-	476,950,000	460,000,000	185,455,000
36	02/26/09	2009 FF	- 2 - -	S-NYW	362,830,000	4.96	-	323,820,000	270,035,000	92,795,000
37	04/02/09	2009 1	5 6 9 -	S	368,451,280	4.94	3.08	316,460,384	368,451,280	-
38	04/02/09	2009 2	5 6 - -	S	79,983,988	4.94	3.08	53,982,603	79,983,988	-
39	06/17/09	2009 GG	- - - -	S-NYW	500,000,000	5.12	-	496,350,000	500,000,000	-
40	11/05/09	2010 AA	10 - - -	S-NYW	504,240,000	3.84	-	504,240,000	504,240,000	-
41	11/05/09	2010 BB	1 - - -	S-NYW	218,820,000	4.11	-	147,785,000	-	218,820,000
42	12/16/09	2010 CC	7 - - -	S-NYW	200,000,000	N/A	-	200,000,000	200,000,000	-
43	02/03/10	2010 DD	10 - - -	S-NYW	400,000,000	3.98	-	400,000,000	400,000,000	-
44	02/11/10	2010 2	5 6 - -	S	142,804,607	3.61	2.01	82,430,276	142,804,607	-
45	02/11/10	2010 3	5 6 - -	S	67,420,000	3.61	2.01	47,700,000	67,420,000	-
46	02/11/10	2010 4	5 6 9 11	S	196,460,000	3.61	2.01	196,460,000	196,460,000	-
47	03/18/10	2010 EE	10 - - -	S-NYW	500,000,000	4.02	-	500,000,000	500,000,000	-
48	03/25/10	2010 FF	1 - - -	S-NYW	359,110,000	4.16	-	332,865,000	-	359,110,000
49	06/30/10	2010 GG	10 - - -	S-NYW	554,045,000	3.86	-	554,045,000	554,045,000	-
50	09/23/10	2011 AA	10 - - -	S-NYW	750,000,000	3.64	-	750,000,000	750,000,000	-
51	09/30/10	2011 BB	1 - - -	S-NYW	210,040,000	4.12	-	198,375,000	-	210,040,000
52	11/18/10	2011 CC	10 - - -	S-NYW	750,000,000	3.90	-	750,000,000	750,000,000	-
53	11/18/10	2011 DD	7 - - -	S-NYW	275,000,000	N/A	-	275,000,000	275,000,000	-
54	01/27/11	2011 EE	- - - -	S-NYW	450,000,000	5.57	-	450,000,000	450,000,000	-
55	03/03/11	2011 FF	7 - - -	S-NYW	200,000,000	N/A	-	200,000,000	200,000,000	-
56	03/31/11	2011 GG	- - - -	S-NYW	541,810,000	4.97	-	499,805,000	250,000,000	291,810,000
57	06/17/11	2011 1	5 6 9 -	S	564,520,733	-	-	464,058,048	366,845,733	197,675,000
58	06/18/11	2011 2	5 6 - -	S	114,241,000	-	3.59	80,725,000	86,110,000	28,131,000
59	06/23/11	2011 HH	1 - - -	S-NYW	662,245,000	4.48	-	662,245,000	-	662,245,000
60	09/22/11	2012 AA	1 - - -	S-NYW	450,900,000	4.52	-	450,900,000	250,000,000	200,900,000
61	09/29/11	2012 A	7 - - -	F	200,000,000	N/A	-	200,000,000	200,000,000	-
62	11/29/11	2012 BB	- - - -	S-NYW	450,000,000	4.77	-	450,000,000	450,000,000	-

#	Issue		Notes				Resolution	Par Amount	All-In		Principal	Principal Issued	Principal Issued
	Date	Series					Issued	TIC %	EIC %	Outstanding (4)	as New Money	for Refunding	
63	01/30/12	2012 CC	-	-	-	-	S-NYW	350,000,000	4.54	-	350,000,000	350,000,000	-
64	01/30/12	2012 DD	-	-	-	-	S-NYW	50,000,000	2.65	-	15,000,000	50,000,000	-
65	03/19/12	2012 EE	2	-	-	-	S-NYW	522,505,000	3.84	-	522,505,000	77,725,000	444,780,000
66	03/27/12	2012 B	7	-	-	-	F	325,000,000	N/A	-	325,000,000	325,000,000	-
67	05/31/12	2012 2	5	6	1	9	S-NYW	496,145,000	2.37	-	363,600,000	-	496,145,000
68	05/31/12	2012 3	5	6	1	-	S-NYW	173,230,000	-	0.99	172,950,000	-	173,230,000
69	06/28/12	2012 FF	2	-	-	-	S-NYW	611,745,000	4.04	-	599,745,000	400,000,000	211,745,000
70	06/28/12	2012 GG	-	-	-	-	S-NYW	50,000,000	2.02	-	25,000,000	50,000,000	-
71	07/12/12	2013 1	5	6	1	9	S-NYW	316,790,000	-	0.79	292,960,000	-	316,790,000
72	10/04/12	2013 AA	7	-	-	-	S-NYW	200,000,000	N/A	-	200,000,000	200,000,000	-
73	12/13/12	2013 BB	-	-	-	-	S-NYW	440,510,000	3.91	-	440,510,000	440,510,000	-
74	03/01/13	2013 CC	-	-	-	-	S-NYW	455,955,000	4.24	-	455,955,000	455,955,000	-
75	03/21/13	2013 DD	1	-	-	-	S-NYW	543,300,000	3.99	-	543,300,000	-	543,300,000
76	06/27/13	2013 EE	2	-	-	-	S-NYW	344,335,000	4.56	-	344,335,000	292,925,000	51,410,000
77	07/11/13	2014 1	1	5	6	9	S-NYW	401,090,000	-	1.89	350,145,000	-	401,090,000
78	07/11/13	2014 2	2	5	6	-	S-NYW	213,853,333	-	2.06	196,051,666	209,380,000	4,473,333
79	09/17/13	2014 AA	7	-	-	-	S-NYW	650,870,000	N/A	-	650,870,000	650,870,000	-
80	11/21/13	2014 BB	-	-	-	-	S-NYW	397,085,000	4.91	-	397,085,000	397,085,000	-
81	02/06/14	2014 CC	-	-	-	-	S-NYW	351,240,000	4.46	-	286,240,000	351,240,000	-
82	03/27/14	2014 4	1	5	6	9	S-NYW	347,850,000	-	2.29	324,170,000	-	347,850,000
83	04/03/14	2014 DD	1	-	-	-	S-NYW	547,850,000	4.08	-	547,850,000	-	547,850,000
84	06/25/14	2015 AA	-	-	-	-	S-NYW	200,000,000	4.19	-	200,000,000	200,000,000	-
85	07/10/14	2015 BB	7	-	-	-	S-NYW	400,000,000	N/A	-	400,000,000	400,000,000	-
86	09/24/14	2015 CC	-	-	-	-	S-NYW	200,000,000	4.00	-	200,000,000	200,000,000	-
87	09/24/14	2015 DD1	1	-	-	-	S-NYW	274,760,000	4.67	-	274,760,000	-	274,760,000
88	09/24/14	2015 DD2	1	-	-	-	S-NYW	25,240,000	4.67	-	25,240,000	-	25,240,000
89	11/20/14	2015 EE	2	-	-	-	S-NYW	392,110,000	4.08	-	392,110,000	136,135,000	255,975,000
90	03/17/15	2015 FF	1	-	-	-	S-NYW	530,000,000	3.62	-	530,000,000	-	530,000,000
91	04/09/15	2015 GG	1	-	-	-	S-NYW	450,285,000	3.63	-	450,285,000	-	450,285,000
92	06/28/15	2015 HH	1	-	-	-	S-NYW	452,530,000	3.91	-	452,530,000	-	452,530,000
93	07/02/15	2016 1&2	1	5	6	9	S	380,825,000	-	1.99	369,200,000	302,210,000	77,060,000
94	10/29/15	2016 AA	7	-	-	-	S-NYW	250,000,000	N/A	-	250,000,000	250,000,000	-
95	11/24/15	2016 BB	-	-	-	-	S-NYW	349,845,000	4.13	-	349,845,000	328,030,000	21,815,000
96	03/17/16	2016 A	1	-	-	-	F-NYW	196,585,000	3.15	-	196,585,000	-	196,585,000
97	03/17/16	2016 CC	1	-	-	-	S-NYW	438,800,000	3.50	-	438,800,000	-	438,800,000
98	06/26/16	2016 5&6	1	9	5	6	S	778,570,000	-	1.64	778,570,000	562,965,000	215,605,000
99	10/06/16	2017 AA	-	-	-	-	S-NYW	201,000,000	3.25	-	201,000,000	201,000,000	-
100	10/06/16	2017 BB	7	-	-	-	S-NYW	289,500,000	N/A	-	289,500,000	289,500,000	-
101	12/15/16	2017 CC	2	-	-	-	S-NYW	415,650,000	4.25	-	415,650,000	327,310,000	88,340,000
102	02/09/17	2017 DD	-	-	-	-	S-NYW	336,540,000	4.27	-	336,540,000	336,540,000	-
103	03/23/17	2017 EE	1	-	-	-	S-NYW	392,090,000	3.83	-	392,090,000	392,090,000	-
104	04/13/17	2017 3, 4, 5	2	9	5	6	S	1,198,883,000	-	1.25	1,198,883,000	569,448,000	629,435,000

**\$ 30,036,406,233**

**Notes:**

General Principal outstanding includes CABs at their full accreted value.

- 1 Refunding Issue
- 2 Partial Refunding Issue
- 3 1st Resolution EFC Debt
- 4 BAN amounts not included in totals (used for EFC projects)
- 5 EFC Clean Water Revolving Loans
- 6 EFC Drinking Water Revolving Loans
- 7 Variable-Rate Debt
- 8 Crossover Refunding Issued
- 9 EFC Subordinate Structure
- 10 Build America Bonds
- 11 EFC Build America Bonds